

2005

Wisconsin
Births and Infant Deaths

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

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Foreword

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

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

In the Bureau of Health Information and Policy, staff of the Vital Records Section, Registration and Statistics Unit, collected and compiled the birth, infant death, and fetal death records. Laura Ninneman prepared the report and updated the narrative. Patricia Namez edited the report. Draft review and comments were provided by Murray Katcher, M.D., Bureau of Community Health Promotion, Division of Public Health; and by Sandra Park in the Bureau of Health Information and Policy, Population Health Information Section. 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 Margaret Kristan, Director, Bureau of Health Information and Policy.

Additional health-related statistical information for Wisconsin is available through the Internet on the Department of Health and Family Services Web site, at <http://dhfs.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://dhfs.wisconsin.gov/wish>. Trend tables of maternal and child health data for individual counties are available at <http://dhfs.wisconsin.gov/localdata/infantspgwomn/start.htm>.

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Introduction

This report presents information about births that occurred in 2005 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, 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 2005 (and comparative information for 1995); line graphs show time trends, and vary in the years shown for comparison.

This year's report includes three additions. One new figure (Figure 3, page 7) shows birth rates by race/ethnicity; another new figure (Figure 16, page 24) shows trends in c-section rates; and the final new figure (Figure 23, page 31) shows disparity ratios between African American and white mothers for infant mortality, low birthweight, and very low birthweight.

Chapter 69 of the Wisconsin Statutes mandates the Department of Health and Family Services to supervise and direct the collection of birth data from hospitals and birth attendants. State law also requires the Department to protect the confidentiality of birth data, and to ensure that statistical information based on the data (such as that contained in this report) does not identify any individual. The Bureau of Health Information and Policy in the Department of Health and Family Services scrupulously follows written procedures to protect the confidential data entrusted to it.

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

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

Key Findings

- In 2005, there were 70,934 live births to Wisconsin residents, 804 more than in 2004.
- The 2005 crude birth rate in Wisconsin was 12.7 births per 1,000 total population, the same as the 2004 rate. In comparison, the United States crude birth rate for 2003 was 14.1 per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2005 general fertility rate of 61.2 births per 1,000 Wisconsin females aged 15-44 was lower than the 2003 United States general fertility rate of 66.1 births per 1,000 (see Technical Notes, page 105, for source of U.S. data).
- In 2005, the fertility rate for Wisconsin teens aged 15-19 was 30.5 births per 1,000 females in this age group. This was the same as the rate in 2004. In 2003, the U.S. teen fertility rate was 41.6.
- 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 1995 to 2005, the percent of births to women in their early teens and early thirties decreased, while the percent of births to women in their early twenties and aged 35-39 increased. The proportion of births to women in their late teens, late twenties, and mothers aged 40-plus remained the same.
- From 1995 to 2005, the proportion of Wisconsin births to non-Hispanic white women decreased from 82 percent to 77 percent, while the proportion of births to Hispanics increased from 4 percent to 9 percent. The proportion of births to women in other race/ethnicity groups remained roughly stable, with black women accounting for 10 percent in 1995 and 10 percent in 2005, American Indian women approximately 1 percent in each year, and women in other groups approximately 3 to 4 percent in each year.
- In 2005, 16 percent of Wisconsin women who gave birth had not finished high school, unchanged from 1995. Fifty-five percent of women who gave birth in 2005 had attended college for one year or more, compared to 50 percent in 1995.
- The overall proportion of women who received first-trimester prenatal care was 85 percent in 2005, compared with 83 percent in 1995. The proportion with first-trimester care increased in each age group and each race/ethnicity group, with the exception of mothers under 15 years of age and mothers aged 15-17.
- The proportion of women giving birth who reported they smoked during pregnancy decreased from 19 percent in 1995 to 13 percent in 2005.
- In 2005, 4,992 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 (the same as 2004). In comparison, 7.9 percent of all infants born in the United States in 2003 weighed less than 2,500 grams.
- Among low birthweight infants, 925 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 1.3 percent among all births, and 1.0 percent of births to whites, 3.5

percent of births to blacks, 1.3 percent of births to American Indians, 1.3 percent of births to Hispanics and 1.2 percent of births to Laotian/Hmong.

- In 2005, 8,033 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks). This total represented 11.3 percent of all births (compared to 11.0% in 2004). (See Technical Notes, page 106, for full definition of prematurity.)
- In Wisconsin, 469 infants under the age of one year died in 2005. The 2005 infant mortality rate was 6.6 infant deaths per 1,000 live births, compared to 6.0 in 2004 and 7.3 in 1995. The 2003 U.S. infant mortality rate (the latest available) was 6.8 infant deaths per 1,000 live births.
- The black infant mortality rate for 2005 was 15.0 deaths per 1,000 births to black mothers, compared to 19.2 in 2004 and 17.9 in 1995. The 2005 white infant mortality rate was 5.6 deaths per 1,000 births to white women, compared to 4.5 in 2004 and 6.2 in 1995. The Hispanic infant mortality rate for 2005 was 6.7 deaths per 1,000 births to Hispanic women, compared to 5.1 in 2004 and 8.8 in 1995.
- Based on three-year rolling average infant mortality rates (Figure 22), American Indian infant mortality has dropped markedly since 1984. The rate was 19.6 per 1,000 live births in 1984-1986 and 7.5 per 1,000 in 2003-2005. The African American infant mortality rate has remained much higher than the rate for other populations in Wisconsin for two decades. The three-year average rate was 18.4 per 1,000 live births in 1984-1986, and 16.5 in 2003-2005. The Hispanic infant mortality rate fluctuated but remained essentially unchanged; it was 6.4 per 1,000 live births in 1984-1986 and 6.2 per 1,000 in 2003-2005. Total infant mortality and white infant mortality declined gradually over the 1984-2005 period.
- The black-white disparity ratio for infant mortality has increased over the past 15 years. The black infant mortality rate was 2.2 times the white rate in 1990-1992, and 3.2 times the white rate in 2003-2005 (Figure 23).

Ten Most Popular First Names for Newborns, Wisconsin 2005		
Females		Males
1.	Emma	1. Ethan
2.	Olivia	2. Jacob
3.	Emily	3. Tyler
4.	Ava	4. Alexander
5.	Grace	5. Logan
6.	Abigail	6. Samuel
7.	Hannah	7. Benjamin
8.	Madison	8. Andrew
9.	Ella	9. Mason
10.	Elizabeth	10. Joshua

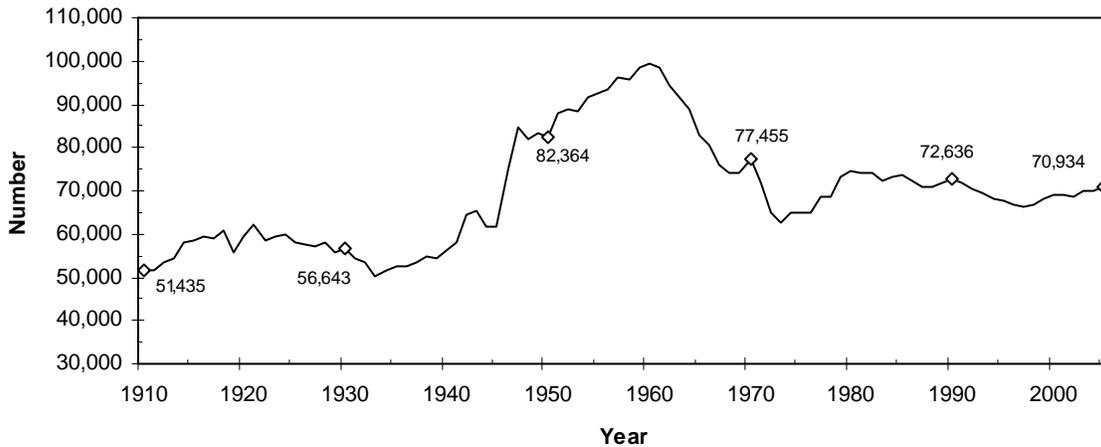
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: This ranking counts each spelling as a separate name. The list would change somewhat if different spellings were grouped together and counted as one name. For example, counting Kaitlyn, Katelyn, Caitlin, Caitlyn and Kaitlin as one name could change the placements.

Birth and Fertility Rates

- In 2005 there were 70,934 births to Wisconsin residents, 804 more than in 2004 (Figure 1).
- The 2005 crude birth rate was 12.7 births per 1,000 population (Table 2-1), the same as the 2004 rate. In comparison, the United States crude birth rate for 2003 was 14.1 births per 1,000 population. (The crude birth rate is the number of live births per 1,000 total population.)
- The 2005 general fertility rate of 61.2 births per 1,000 Wisconsin females ages 15-44 (Table 2-1) was higher than the 2004 rate (60.3). In comparison, the United States general fertility rate for 2003 was 66.1 births per 1,000.

Figure 1. Number of Births to Wisconsin Residents, 1910-2005



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

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

Due to a reporting error, the total number of births to Wisconsin residents in 2004 was reported as 70,131. The total number of births to Wisconsin residents should have been reported as 70,130. This error was discovered after the 2004 report was published.

- 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 2003 final statistics (Table 1-1). (See Technical Notes, page 105, for source of U.S. data.)

Table 1-1. Age-Specific Fertility Rates, Wisconsin, 2005 and United States, 2003

Age	Wisconsin Rate		U.S. Rate
15-19	30.5	(30.1)*	41.6
15-17	15.6	(14.9)*	22.4
18-19	52.5		70.7
20-24	81.5		102.6
25-29	119.4		115.6
30-34	104.1		95.1
35-39	42.4		43.8
40-44	7.3	(7.0)*	8.7

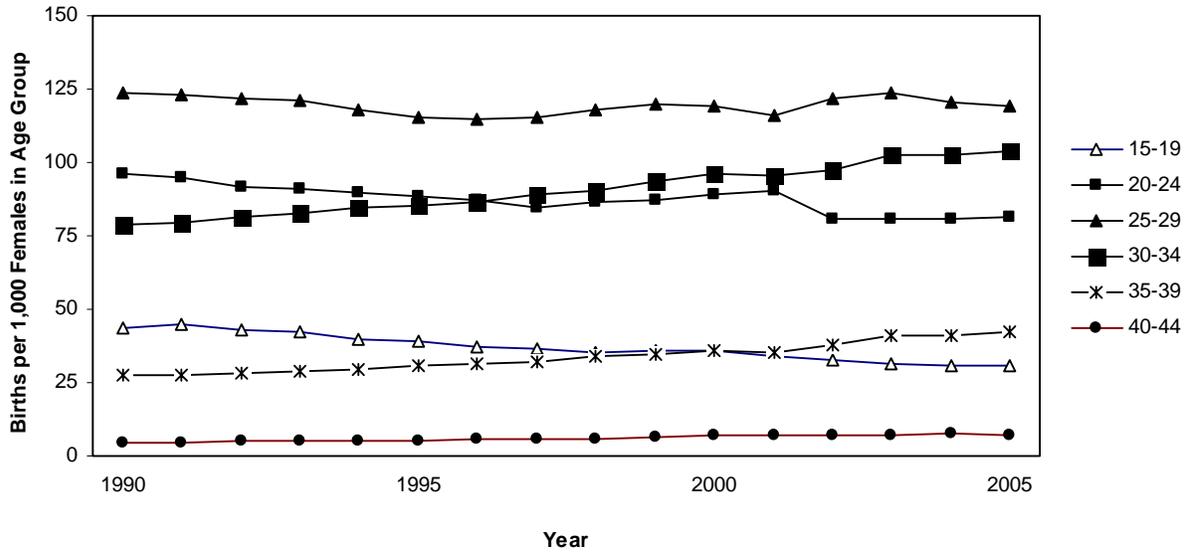
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: Rates are the number of births per 1,000 females in the age group. Wisconsin rates for births to mothers ages 15-19 and 15-17 include 86 births to mothers less than 15 years old; the rate for mothers aged 40-44 includes 75 births to mothers aged 45 or older. U.S. rates for ages 15-19 and 15-17 do not include births to mothers less than 15 years old; the U.S. rate for ages 40-44 does not include births to mothers aged 45 or older.

* Wisconsin rates in parentheses are calculated to be comparable to U.S. rates, which exclude mothers younger than 15 and mothers older than 44 from the calculations.

- Compared with 1990 (Figure 2), age-specific fertility rates in 2005 were:
 - Lower for teens, women aged 20-24, and women aged 25-29.
 - Higher for women aged 30-34 and 35-plus.

Figure 2. Age-Specific Fertility Rates, Wisconsin, 1990-2005

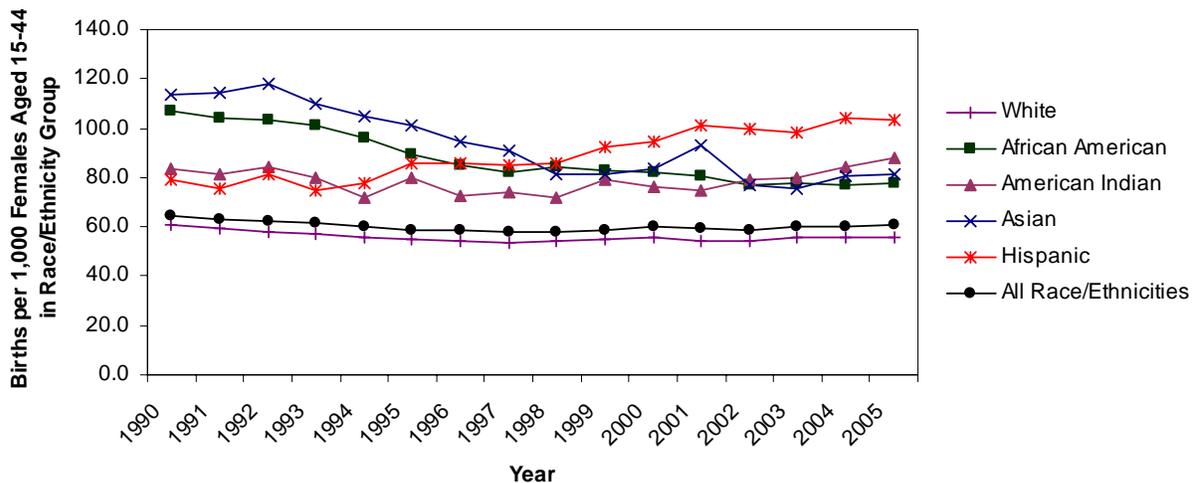


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

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

- Race/ethnicity-specific birth rates (births per 1,000 females aged 15-44 in a race/ethnicity group) have decreased since 1990 for whites, African Americans, and Asians.
- The overall birth rate (also called the general fertility rate) also decreased, from 64.5 to 61.2 per 1,000 females aged 15-44.
- The African American and Asian birth rates decreased most dramatically. The African American rate decreased from 107.0 births per 1,000 African American females aged 15-44 in 1990 to 77.4 per 1,000 in 2005, a decline of 28 percent.
- The Asian birth rate also decreased 28 percent, from 113.6 to 81.5 per 1,000 Asian females aged 15-44.
- The white birth rate decreased from 60.5 to 56.0 per 1,000 white females aged 15-44.
- The American Indian birth rate has stayed fairly stable over the past 15 years. In 2005, it was 88.1 per 1,000 American Indian females aged 15-44 (83.9 in 1990).
- In contrast to trends in other groups, the Hispanic birth rate has gradually increased since 1990. In 2005, the Hispanic birth rate was 103.6 per 1,000 Hispanic females aged 15-44.

Figure 3. Birth Rates by Race/Ethnicity, 1990-2005



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

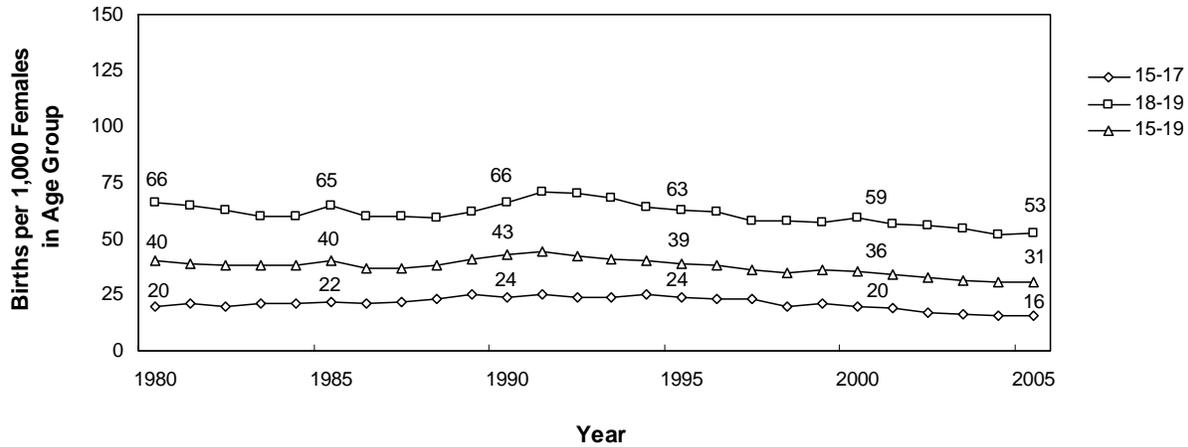
Notes: See Technical Notes (page 105) for definition of race/ethnicity categories. The birth rate for Wisconsin females by race is based on bridged race estimates from the US Census Bureau. Because individuals could report more than one race for the first time during the 2000 Census, rates for earlier 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 2005, the fertility rate for Wisconsin teens aged 15-19 was 30.5 births per 1,000 females in this age group (Figure 2). This was the same as the rate in 2004. Over the last decade, there has been a general decline in the teen fertility rate.
- For many years the Wisconsin teen fertility rate has been lower than the comparable national rate. In 2003, the U.S. teen fertility rate was 41.6.

Figure 4. Teen Birth Rates, Wisconsin, 1980-2005



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

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

Characteristics of the Mother

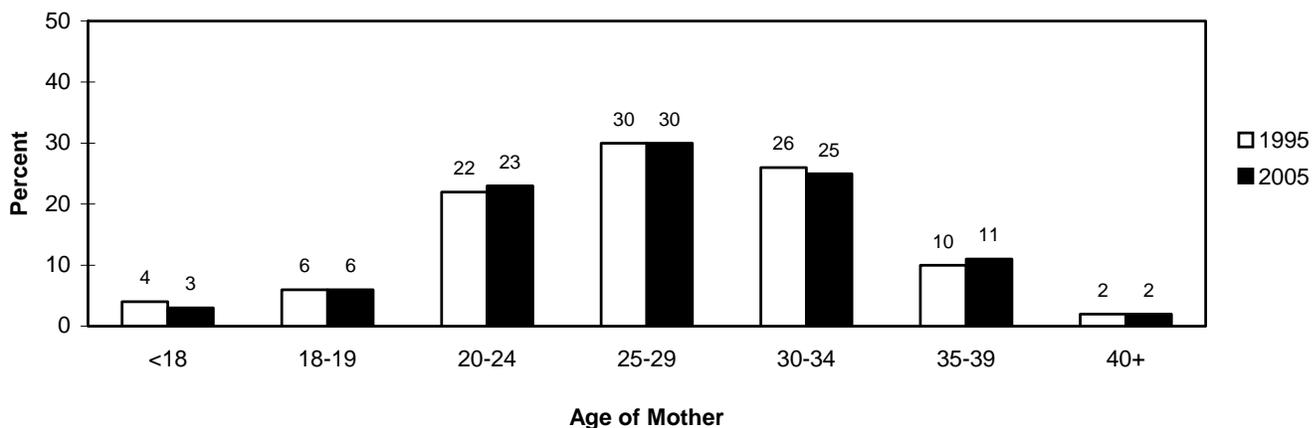
Age of Mother

Births in 2005 included:

86	births to teens less than 15 years old
1,776	births to teens 15-17 years old
4,231	births to teens 18-19 years old
16,430	births to women aged 20-24
21,305	births to women aged 25-29
17,387	births to women aged 30-34
8,070	births to women aged 35-39
1,564	births to women aged 40-44
75	births to women aged 45 or older
10	births with unreported maternal age.

- From 1995 to 2005, the percent of births to women in their early teens and early thirties decreased, while the percent of births to women in their early twenties and late thirties increased. The proportion of births to women in their late teens, late twenties, and aged 40-plus remained the same (Figure 5).

Figure 5. Percent of Births by Age of Mother, Wisconsin, 1995 and 2005



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

Note: For detailed information on 2005 births by age of mother, see Tables 4-1 and 4-2, pages 90 and 91.

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 1995 (Table 1-2).

Table 1-2. Teen Births by Age, Wisconsin, 1995 and 2005

Maternal Age (Teens)	1995		2005	
	Number	Percent	Number	Percent
<15	182	3%	86	1%
15-17	2,549	36	1,776	29
18-19	4,379	62	4,231	69
Total <20	7,110	100%	6,093	100%

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

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

- Non-Hispanic whites make up the largest number of teen births in the state (3,179 in 2005) (Table 1-3).
- Teen births represented 8.6 percent of all births, and a higher proportion of births to blacks, American Indians, Hispanics, and Laotian/Hmong (Table 1-3).

Table 1-3. Teen Births by Race/Ethnicity, Wisconsin, 2005

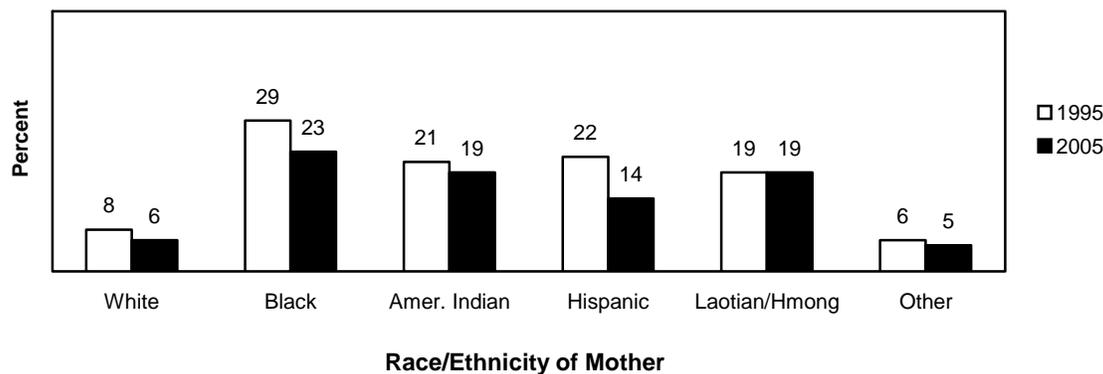
Race/Ethnicity	Number of Births		Percent of Births		
	Total	Teens (<20)	Teens (<20)	Ages 20+	Total
Total	70,934	6,093	8.6%	91.4%	100.0%
White	54,292	3,179	5.9	94.1	100.0
Black/African American	6,715	1,563	23.3	76.7	100.0
American Indian	1,039	194	18.7	81.3	100.0
Hispanic/Latino	6,262	870	13.9	86.1	100.0
Laotian/Hmong	1,101	213	19.3	80.7	100.0
Other	1,495	73	4.9	95.1	100.0

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

Note: Included in the total are 30 births for which race/ethnicity of mother was not reported; 1 of these was to a mother under 20 years of age. See Technical Notes (page 105) for definition of race/ethnicity categories.

- In 2005 compared to 1995, teen births represented a smaller proportion of births to whites (6 percent vs. 8 percent), African Americans (23 percent vs. 29 percent), American Indians (19 percent vs. 21 percent), and Hispanics (14 percent vs. 22 percent) (Figure 6).

Figure 6. Teen Births as a Percent of Total Births in Each Race/Ethnicity Group, Wisconsin, 1995 and 2005



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

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories.

- In 2005, 10 percent of teen births occurred less than 24 months since a previous birth. Seven percent of teen births occurred 24 or more months since a previous birth, and 82 percent were first births (Table 1-4).

Table 1-4. Teen Births by Interval in Months Since Last Live Birth, Wisconsin, 2005

Birth Interval	All	All Teens			All	All Teens		
	Ages	(<20)	<18	18-19	Ages	(<20)	<18	18-19
Total	70,934	6,093	1,862	4,231	100.0%	100.0%	100.0%	100.0%
First Birth	27,784	4,975	1,688	3,287	39.2	81.7	90.7	77.7
1-11 Months	642	70	17	53	0.9	1.1	0.9	1.3
12-17 Months	3,808	293	53	240	5.4	4.8	2.8	5.7
18-23 Months	5,930	238	40	198	8.4	3.9	2.1	4.7
24-Plus Months	29,604	402	42	360	41.7	6.6	2.3	8.5
Unknown	2,014	69	11	58	2.8	1.1	0.6	1.4
Plural Delivery	1,152	46	11	35	1.6	0.8	0.6	0.8

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

Note: Included in the total for all ages are 10 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

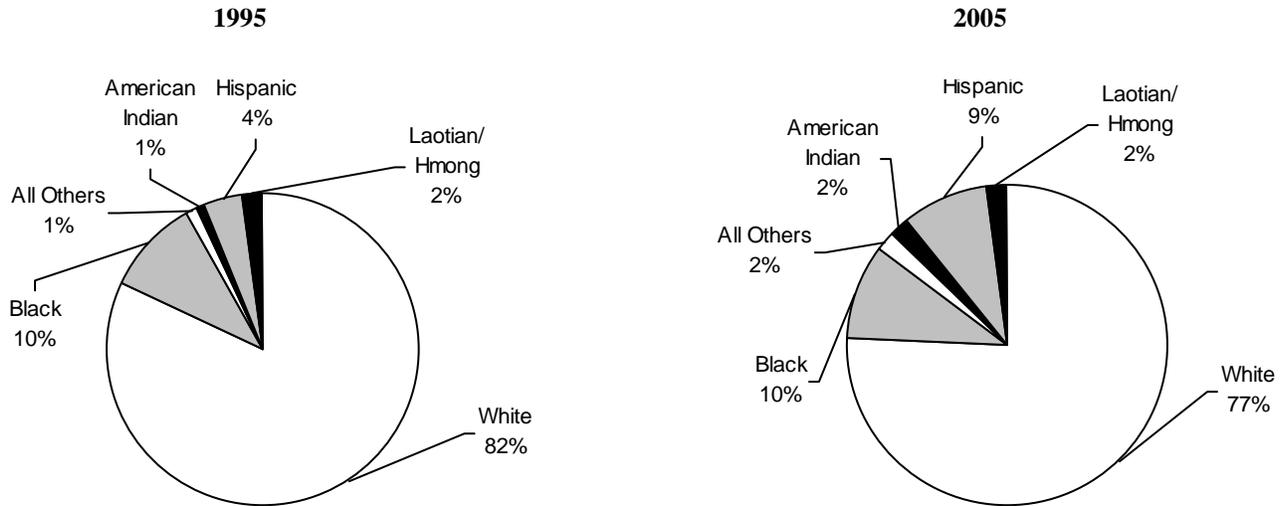
- In 2005, 54,292 births (76.5%) were to non-Hispanic white women (Table 1-5). This percentage has gradually declined in recent decades (it was 82.1% in 1995).
- 6,715 births (9.5%) were to non-Hispanic black women (Table 1-5). The percent of births to black women has been fairly stable since 1995.
- 1,039 births (1.5%) were to American Indian women (Table 1-5). This proportion has been stable for the past decade.
- 6,262 births (8.8%) were to Hispanic women (Table 1-5). This is double the proportion of Hispanic births in 1995 (4.2%).
- 1,101 births (1.6%) were to Laotian/Hmong women, similar to the 1995 percentage (1.7%).
- An additional 1,495 births (2.1%) were to women in other racial/ethnic groups (mostly Asian).

Table 1-5. Number and Percent of Births by Race/Ethnicity, Wisconsin, 1995 and 2005

	1995		2005	
	Number	Percent	Number	Percent
Total	67,493	100.0%	70,934	100.0%
White	55,404	82.1	54,292	76.5
Black/African American	6,480	9.6	6,715	9.5
American Indian	835	1.2	1,039	1.5
Hispanic/Latino	2,856	4.2	6,262	8.8
Laotian/Hmong	1,162	1.7	1,101	1.6
Other	734	1.1	1,495	2.1
Unknown	22	0.0	30	0.0

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

Figure 6. Percent of Births by Race/Ethnicity of Mother, Wisconsin, 1995 and 2005



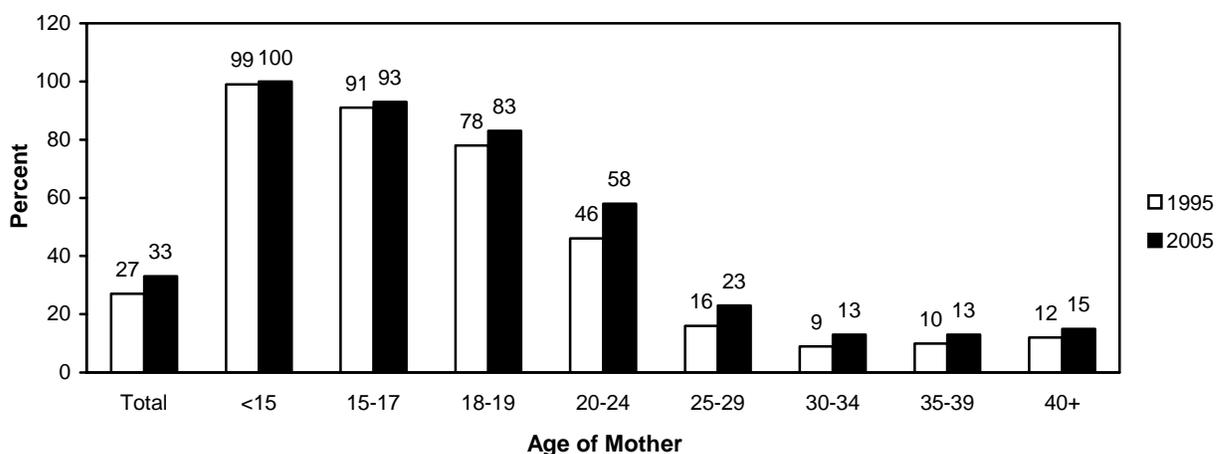
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories. For detailed information on 2005 births by race/ethnicity of mother, see Tables 4-3 and 4-4, pages 92-95. Percents may not add to 100 due to rounding.

Marital Status of Mother

- In 2005, 33 percent of births were to unmarried women, compared with 27 percent in 1995 (Figure 8).
- In general, the percent of births to mothers who are unmarried decreases with age. Eighty-three percent of those aged 18-19 giving birth in 2005 were unmarried, compared with only 13 percent of those aged 30-34 (Figure 8).
- Between 1995 and 2005, the unmarried percentage increased in every maternal age group (Figure 8). The largest increase occurred among mothers aged 20-24 (from 46% to 58%—12 percentage points).

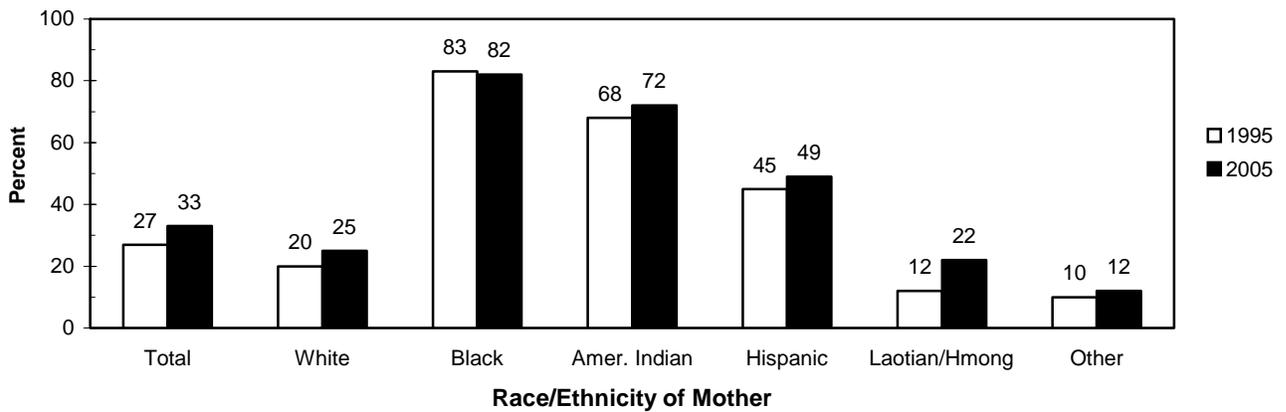
Figure 8. Percent of Births to Unmarried Mothers, by Age, Wisconsin, 1995 and 2005



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

- From 1995 to 2005, the percent of non-marital births increased among whites, American Indians, Hispanics, Laotian/Hmong, and the “other” group, and decreased slightly among blacks (Figure 9).
- The Wisconsin percent of births to unmarried mothers in 2005 (33%) was lower than the national percent (35%). However, the percent of births to unmarried mothers was higher in Wisconsin than nationally among blacks (82% vs. 69%) and Hispanics (49% vs. 45%).

Figure 9. Percent of Births to Unmarried Mothers, by Race/Ethnicity, Wisconsin, 1995 and 2005



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

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories.

Education of Mother

- In 2005, 16 percent of women who gave birth had not finished high school, the same proportion as in 1995 (Figure 10). By age, the percentages with less than a high school education in 2005 were:

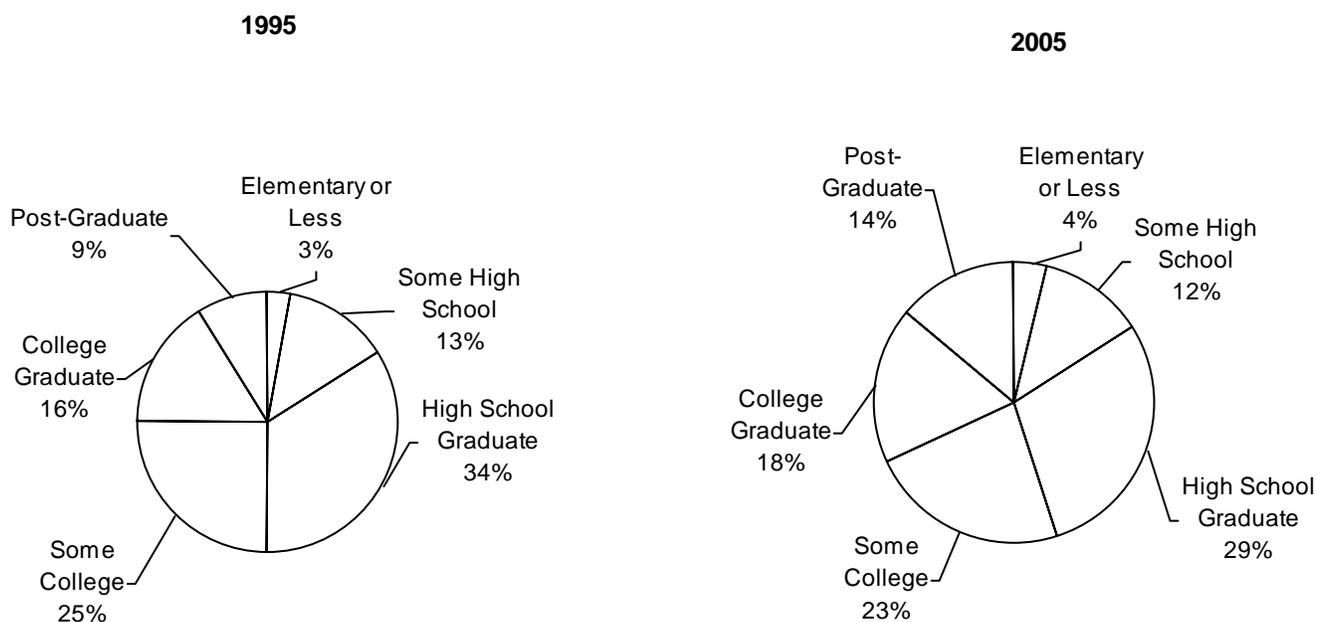
- 91% among mothers less than 18
- 37% among mothers 18-19
- 22% among mothers 20-24
- 10% among mothers 25-29
- 6% among mothers 30-34
- 7% among mothers 35-39
- 9% among mothers 40 or older

- On average, mothers in minority race/ethnicity groups were less likely to have completed high school. In 2005, the proportions of births to women with less than a high school education were:

- 9% among whites
- 35% among blacks
- 26% among American Indians
- 51% among Hispanics
- 30% among Laotian/Hmong
- 8% among other race/ethnicity groups

- Fifty-five percent of women who gave birth in 2005 had attended college for one year or more (Figure 10). The comparable percentage in 1995 was 50 percent.

Figure 10. Percent of Births by Education of Mother, Wisconsin, 1995 and 2005



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

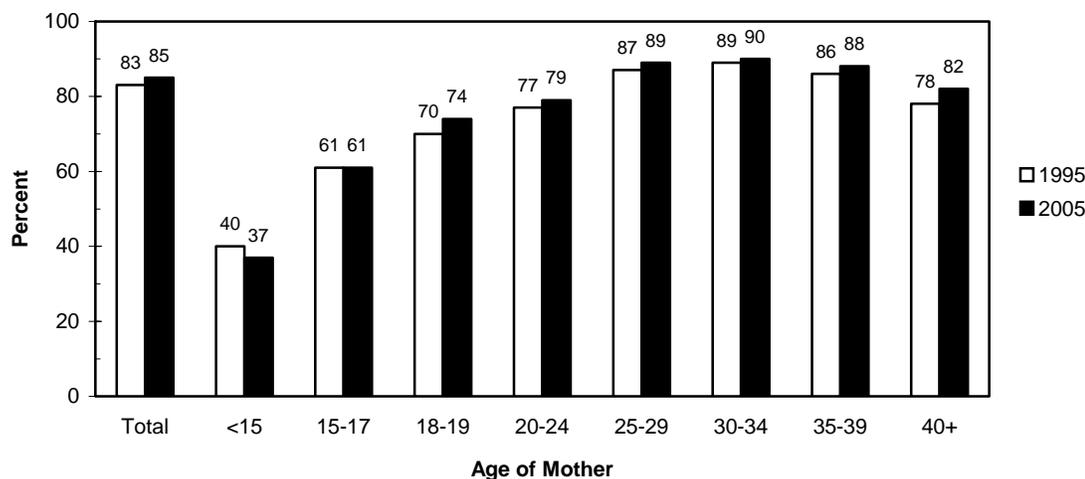
Notes: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. For detailed information on 2005 births by education of mother, see Tables 4-1 through 4-5, pages 90-97. Percents may not add to 100 due to rounding.

Characteristics of the Pregnancy and Delivery

Prenatal Care

- The overall proportion of women who received first-trimester prenatal care was 85 percent in 2005, compared with 83 percent in 1995 (Figure 11).
- In 2,053 births in 2005, the mother either did not begin prenatal care until the third trimester of pregnancy (1,623 births) or received no care at all (430 births) (Table 2-22). These births with “late or no prenatal care” constituted 2.9 percent of all births (down from 3.4 percent in 1995).
- In almost every age group, mothers were more likely to receive first-trimester care in 2005 than in 1995 (Figure 11).
- The percent of Wisconsin women who received first-trimester prenatal care in 2005 (85%) was slightly higher than the 2003 national figure (84%).

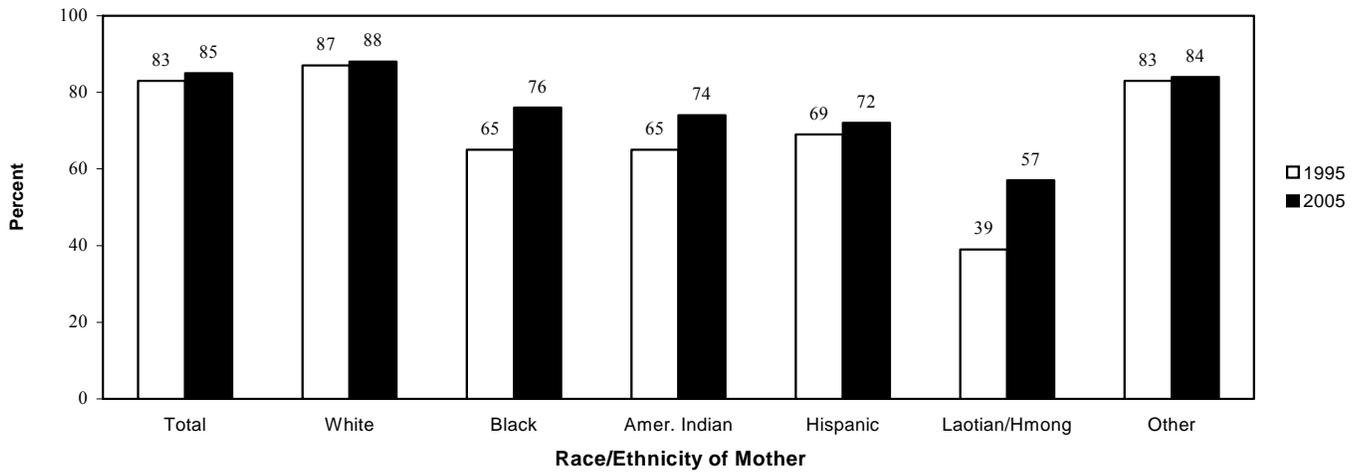
Figure 11. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Age, Wisconsin, 1995 and 2005



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

- From 1995 to 2005, the proportion of women receiving first-trimester care increased within each race/ethnicity group. The increase was especially striking among African American, American Indian and Laotian/Hmong women (Figure 12).

Figure 12. Percent of Births to Mothers Who Received First-Trimester Prenatal Care, by Race/Ethnicity, Wisconsin, 1995 and 2005



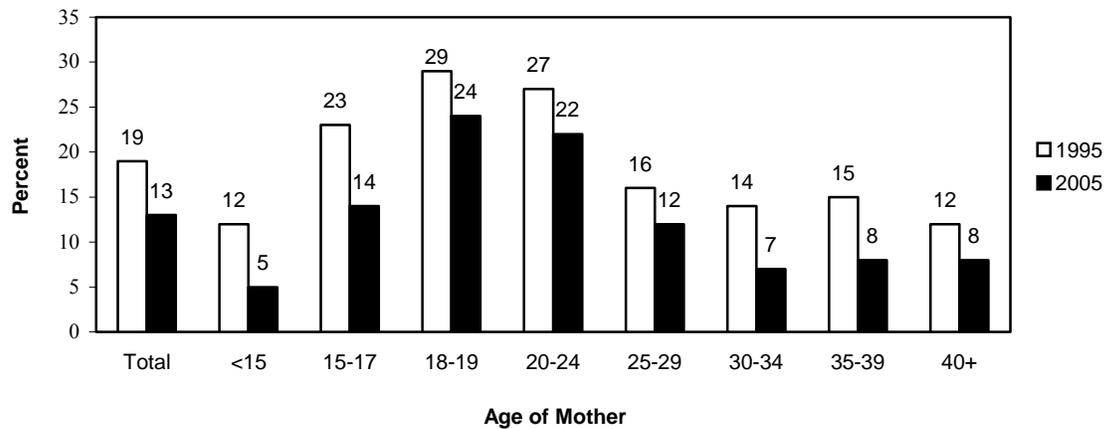
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: See Technical Notes (page 105) 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 19 percent in 1995 to 13 percent in 2005 (Figure 13).
- From 1995 to 2005, 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, 1995 and 2005

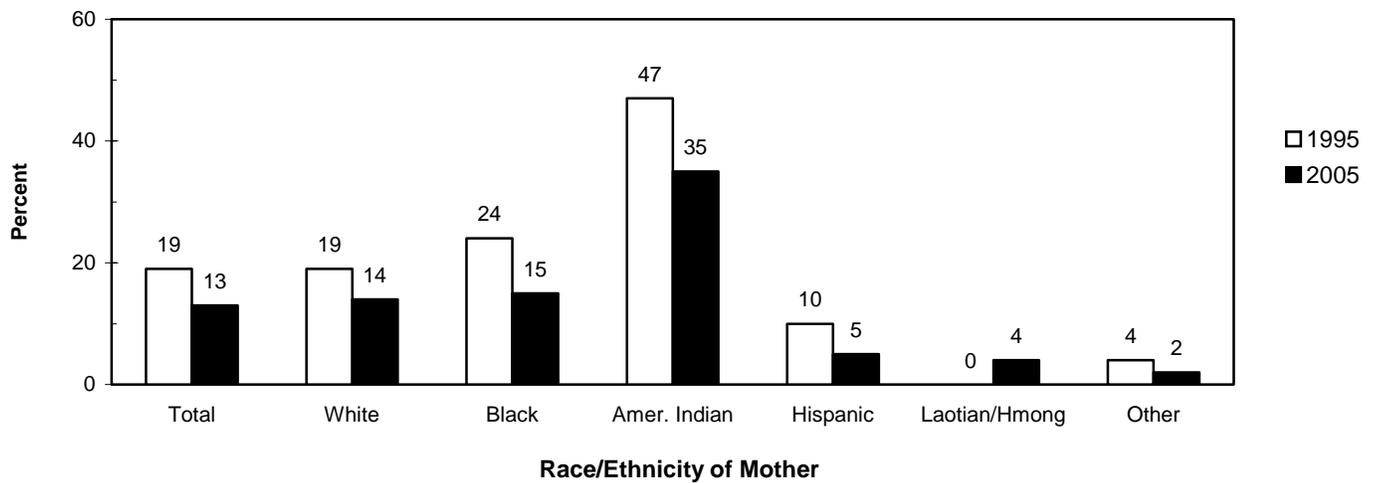


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: For detailed information on 2005 births by smoking behavior during pregnancy, see Tables 4-1 through 4-5, pages 90-97.

- From 1995 to 2005, the percentage of mothers who reported smoking during pregnancy declined in most race/ethnicity groups (Figure 14). The only exception was found among Laotian/Hmong women.
- No data are presented on mother’s self-reported use of alcohol during pregnancy because this item appears to be under-reported on the birth reporting form. This conclusion is based on the inconsistency between birth certificate data (1.0% of mothers reported drinking during pregnancy in 2005) and the 2005 Behavioral Risk Factor Survey (66% of Wisconsin women aged 18-44 reported drinking within the past month).

Figure 14. Percent of Births to Mothers Who Reported Smoking Cigarettes During Pregnancy, by Race/Ethnicity, Wisconsin, 1995 and 2005



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

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories. For detailed information on 2005 births by smoking behavior during pregnancy, see Tables 4-1 through 4-5, pages 90-97.

Medical Risk Factors

The most frequently reported maternal medical risk factors reported for 2005 births were hypertension (reported in 6.0 percent of births), sexually transmitted diseases (5.5 percent), diabetes (4.5 percent), lung disease (4.0 percent), anemia (2.9 percent), and a previous preterm or small-for-gestational age infant (2.9 percent) (Table 1-6).

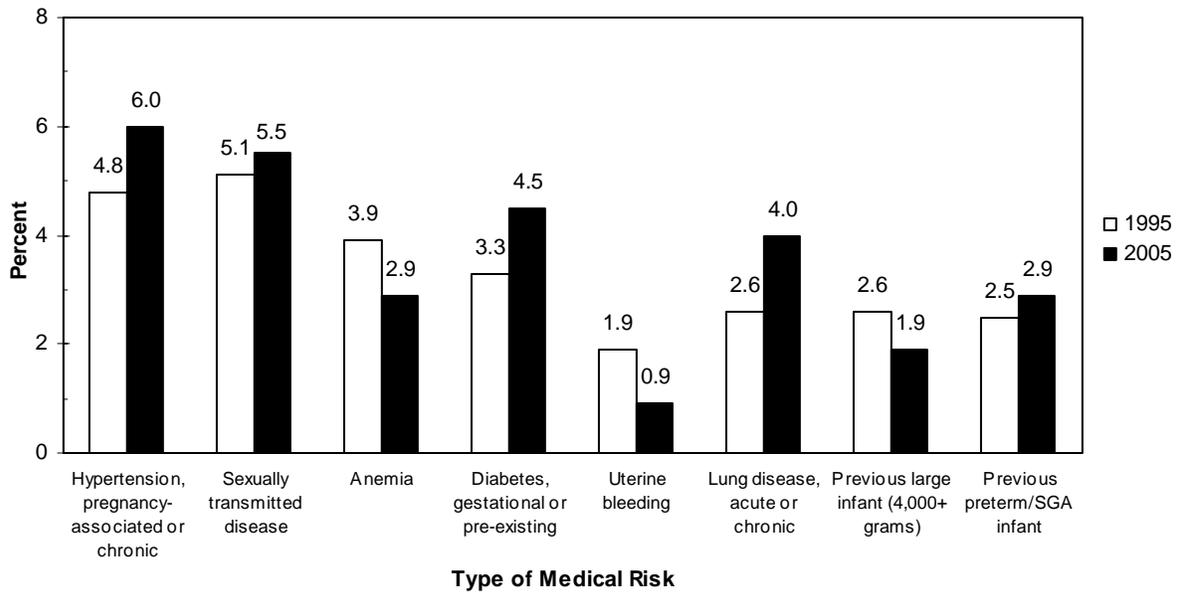
Table 1-6. Births with Reported Medical Risk Factors, Wisconsin, 2005

	Number	Percent
Sexually Transmitted Diseases	3,874	5.5%
Hypertension	4,249	6.0
Pregnancy-Associated	3,496	4.9
Chronic	753	1.1
Diabetes	3,186	4.5
Gestational	2,770	3.9
Pre-Existing	416	0.6
Anemia	2,058	2.9
Lung Disease, Acute or Chronic	2,860	4.0
Previous Preterm/Small for Gestational Age Infant	2,030	2.9
Previous Large Infant (4,000+ grams)	1,371	1.9
Uterine Bleeding	649	0.9
Cardiac Disease	631	0.9
Hydramnios/Oligohydramnios	722	1.0
Renal Disease	414	0.6
Rh Sensitization	381	0.5
Eclampsia	169	0.2
Incompetent Cervix	197	0.3
Hemoglobinopathy	204	0.3
Any Reported	33,727	47.5

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

Notes: See Technical Notes (page 107) for 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, 1995 and 2005



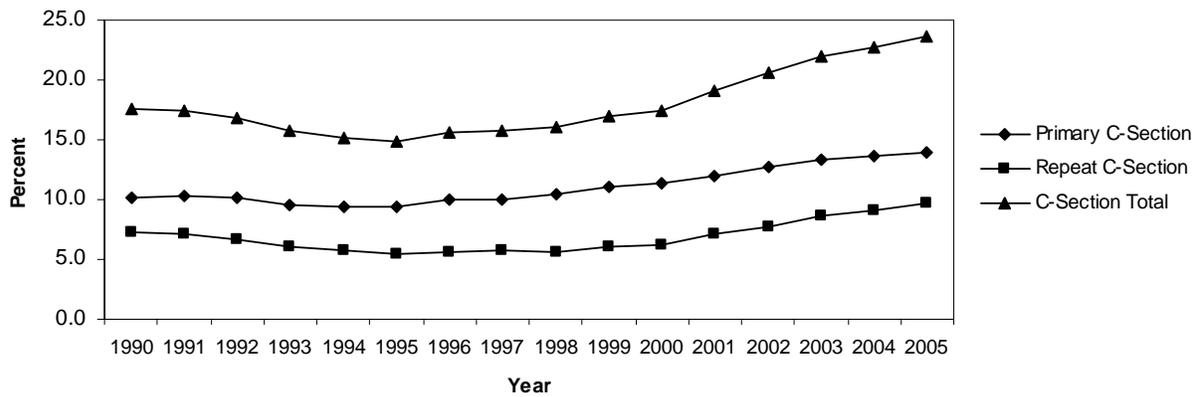
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Methods of Delivery

In 2005, the following methods of delivery were reported:

Vaginal (no previous C-section)	52,416	73.9%
Primary C-Section	9,930	14.0
Repeat C-Section	6,870	9.7
Vaginal After Previous C-Section (VBAC)	917	1.3
Forceps	800	1.1
Other	1	0.0
Total	70,934	100.0%

Figure 16. Cesarean Sections as a Percent of All Births, 1990-2005



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

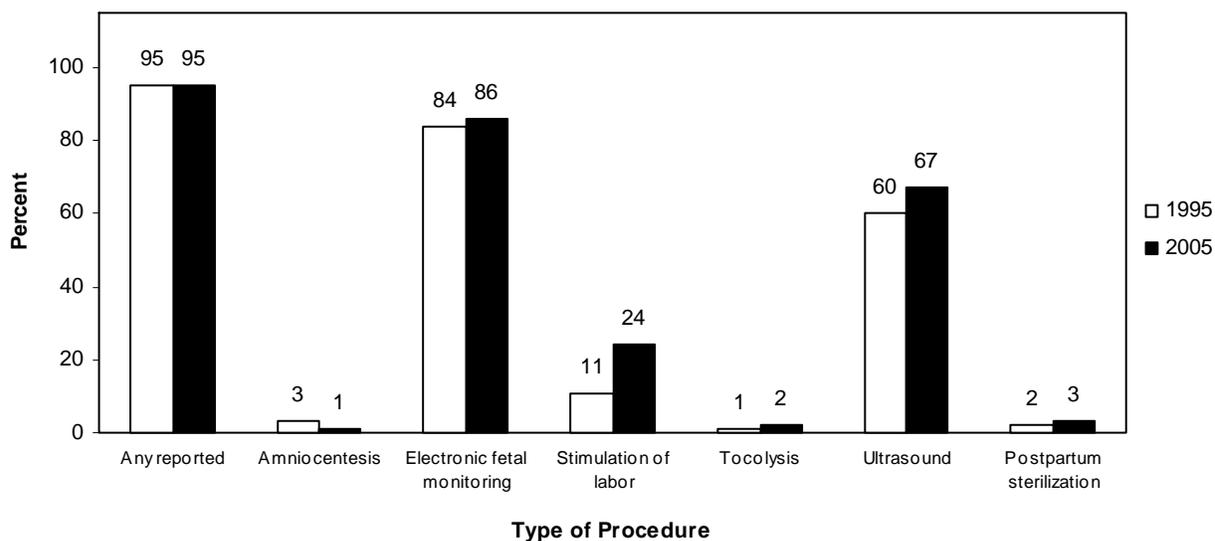
Obstetric Procedures

In 2005, births with reported obstetric procedures included:

Electronic fetal monitoring	60,950	85.9%
Ultrasound	47,665	67.2
Induction of labor	17,018	24.0
Stimulation of labor	16,751	23.6
Amniocentesis	566	0.8
Postpartum sterilization	2,112	3.0
Tocolysis	1,426	2.0
Other procedures	15	0.0
Births With Reported Procedure(s)	67,731	95.5

Notes: See Technical Notes (page 108) 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, 1995 and 2005



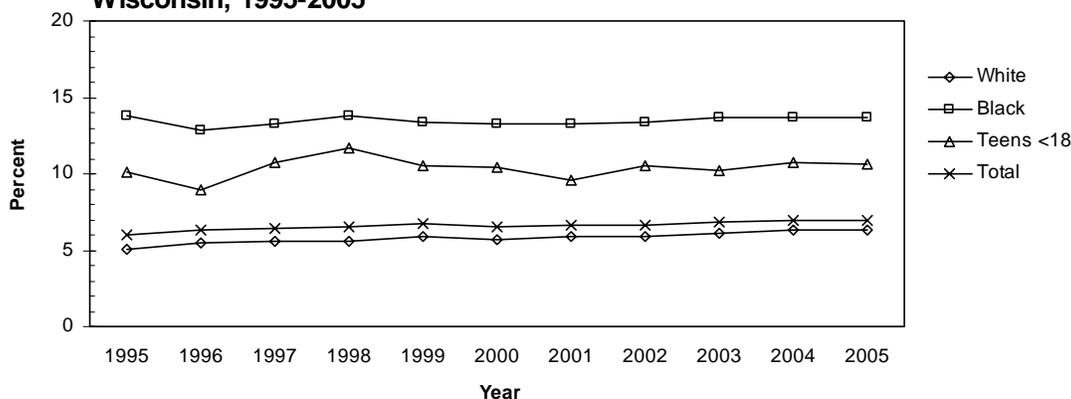
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Characteristics of the Newborn

Low Birthweight

- In 2005, 4,992 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 7.0 percent in 2004). In comparison, 7.9 percent of all infants born in the United States in 2003 weighed less than 2,500 grams.
- Among these low birthweight infants, 925 were born at *very* low birthweight (less than 1,500 grams or about 3.3 pounds) and were thus at the highest risk for health problems (Table 2-26). The very low birthweight percentage was 1.3 percent among all births, and 1.0 percent of births to whites, 1.3 percent of births to Hispanics, 3.5 percent of births to blacks, 1.3 percent of births to American Indians, and 1.2 percent of births to Laotian/Hmong (Table 4-5).
- Compared with the overall incidence of low birthweight in 2005 (7.0 percent), higher percentages of low-birthweight infants were born to (Table 4-5):
 - Mothers who received no prenatal care (22.6 percent),
 - Mothers less than 15 years old (14.0 percent),
 - Non-Hispanic black women (13.7 percent),
 - Women who smoked during pregnancy (11.4 percent),
 - Women who were unmarried (9.3 percent),
 - Women with less than a high school education (9.3 percent).
- From 1995 to 2005, the low birthweight percentage among infants born to mothers less than 18 years of age fluctuated from a low of 9.0 percent in 1996 to a high of 11.7 percent in 1998. In 2005, this percentage was 10.6 (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 25.9 percent of all low-birthweight births in 2005.

Figure 18. Percent of Births at Low Birthweight (< 2,500 grams), Wisconsin, 1995-2005

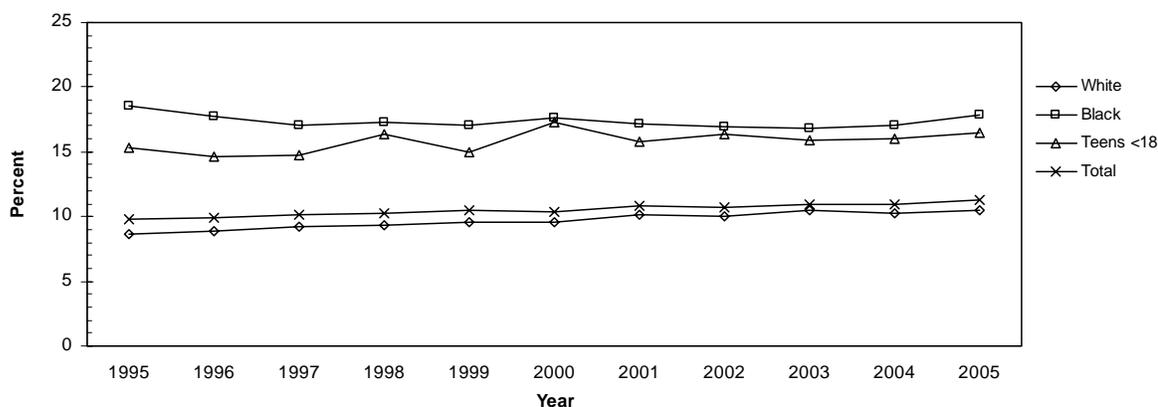


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Prematurity

- In 2005, 8,033 Wisconsin infants were born prematurely (with a gestation of less than 37 weeks) (Table 4-1). This total represented 11.3 percent of all births (an increase from 11.0% in 2004). (See Technical Notes, page 106, for full definition of prematurity.)
- Compared with the overall proportion of premature infants in 2005 (11.3 percent), higher percentages of premature infants were born to:
 - Non-Hispanic black women (17.9 percent),
 - Teenagers less than 18 years old (16.5 percent),
 - Women who were unmarried (13.7 percent),
 - Women who smoked during pregnancy (13.7 percent),
 - Women with less than a high school education (13.2 percent),
 - Laotian/Hmong women (11.6 percent).
- Sixty-eight percent of low birthweight infants (birthweight under 2,500 grams) were premature.
- Twins or other multiple births made up 17.4 percent of all premature births in 2005. From 1995 to 2005, multiple births increased from 2.6 percent to 3.2 percent of all births.
- Prematurity increased from 9.8 percent of all births in 1995 to 11.3 percent of all births in 2005 (Figure 19).
- Prematurity among infants born to mothers less than 18 years of age was 16.5 percent in 2005, higher than the 1995 percent (15.3) (Figure 19). The prematurity rate among infants born to mothers 18 and older was 11.2 percent in 2005.

Figure 19. Percent of Premature Births, Wisconsin, 1995-2005

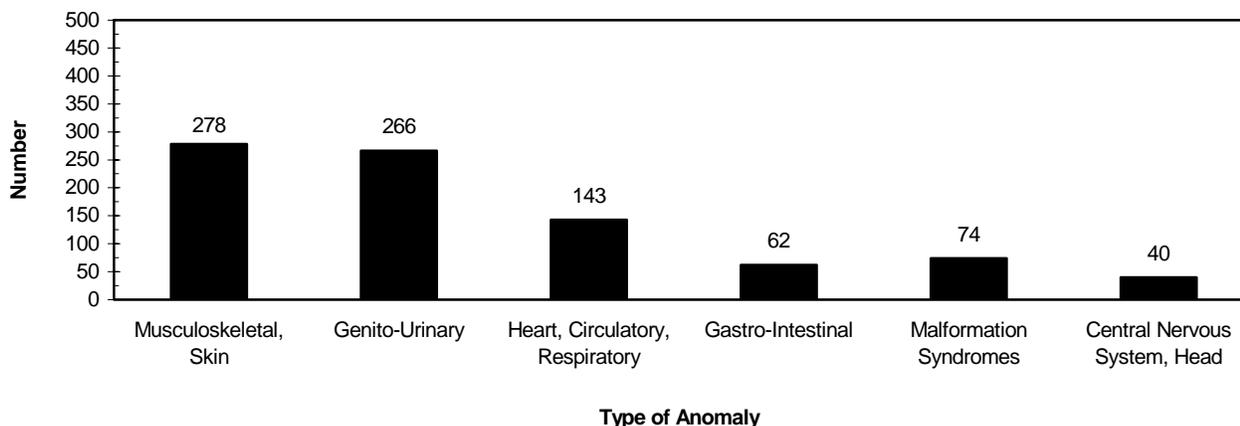


Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Note: ‘Premature’ means less than 37 weeks of gestation. Since 1980, gestational age has been calculated as the difference between the date of last normal menses and the date of delivery. Since 1993, clinical estimate of gestation has been substituted where date of last normal menses is unknown. 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, then the clinical estimate of gestation was used. Data for 1994-2003 shown on this page were recalculated to make them comparable with data for 2004 and subsequent years, and differ from previously published data.

Congenital Anomalies

Figure 20. Number of Reported Congenital Anomalies, Wisconsin 2005



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

Table 1-7. Reported Congenital Anomalies, Wisconsin 2005

Total Births With Reported Anomalies	916	Genito-Urinary	266
		Malformed Genitalia	153
Central Nervous System, Head	40	Renal Agenesis	27
Anencephalus	9	Other Urogenital	89
Spina Bifida/Meningocele	12	Musculoskeletal/Skin	278
Hydrocephalus	4	Cleft Lip, Palate	64
Microcephalus	4	Polydactyly, Syndactyly, Adactyly	90
Other Central Nervous System	16	Club Foot	50
Heart, Circulatory, Respiratory	143	Diaphragmatic Hernia	2
Heart Malformations	104	Other Musculoskeletal/ Integumental	83
Other Circulatory/Respiratory	44	Malformation Syndromes	74
Gastro-Intestinal	62	Down Syndrome	49
Rectal Atresia, Stenosis	14	Other Chromosomal	25
Tracheo-Esophageal Fistula	10	All Other	125
Omphalocele, Gastroschisis	21		
Other Gastrointestinal	19		

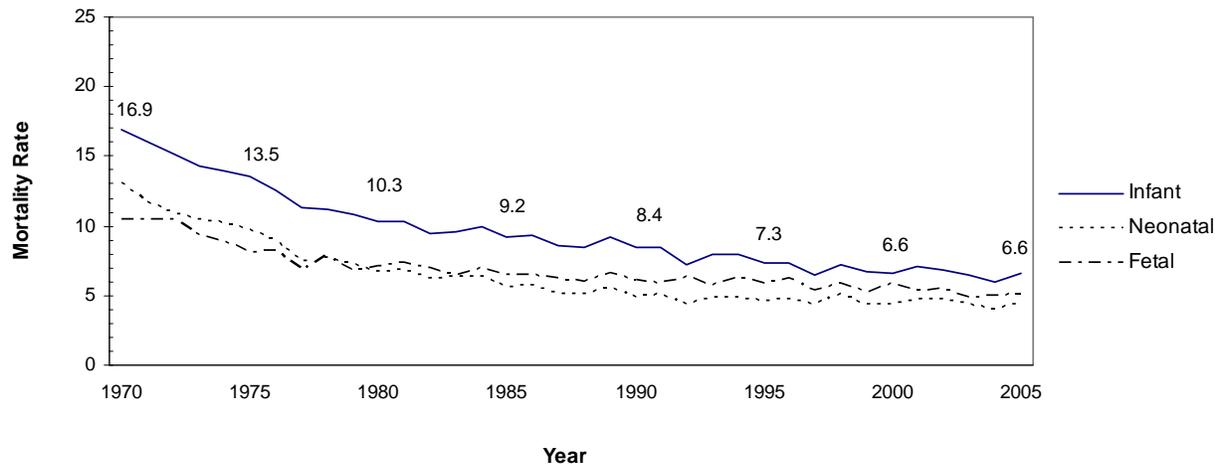
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

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

Mortality

- In Wisconsin, 469 infants under the age of one year died in 2005 (Table 2-28). The 2005 infant mortality rate was 6.6 infant deaths per 1,000 live births, compared to 6.0 in 2004 and 7.3 in 1995 (Figure 21). The 2003 U.S. infant mortality rate (the latest available data) was 6.8 infant deaths per 1,000 live births.
- There were 319 neonatal deaths (deaths of infants less than 28 days of age) in 2005, accounting for 68 percent of total infant deaths that year. The neonatal mortality rate in 2005 was 4.5 neonatal deaths per 1,000 live births, compared with 4.0 in 2004 and 4.6 in 1995 (Figure 21). In the U.S. in 2003 (the latest available data), the neonatal mortality rate was 4.6 per 1,000 live births.
- The fetal death rate (fetal deaths per 1,000 live births and fetal deaths) was 5.1 in 2005 (Figure 21). In comparison, the fetal death rate for 1995 was 5.9 per 1,000. (For the definition of “fetal death,” see Technical Notes, page 106.)
- Infants born to teenagers are at a higher risk of death than infants born to older mothers. In 2005, the infant mortality rate was 12.3 per 1,000 births among infants born to mothers aged less than 20, compared with 6.1 per 1,000 among infants born to women aged 20 and older.
- There were 15 maternal deaths in 2005; these are deaths attributed to pregnancy-related health conditions or events of delivery.

Figure 21. Infant, Neonatal, and Fetal Mortality Rates, 1970-2005

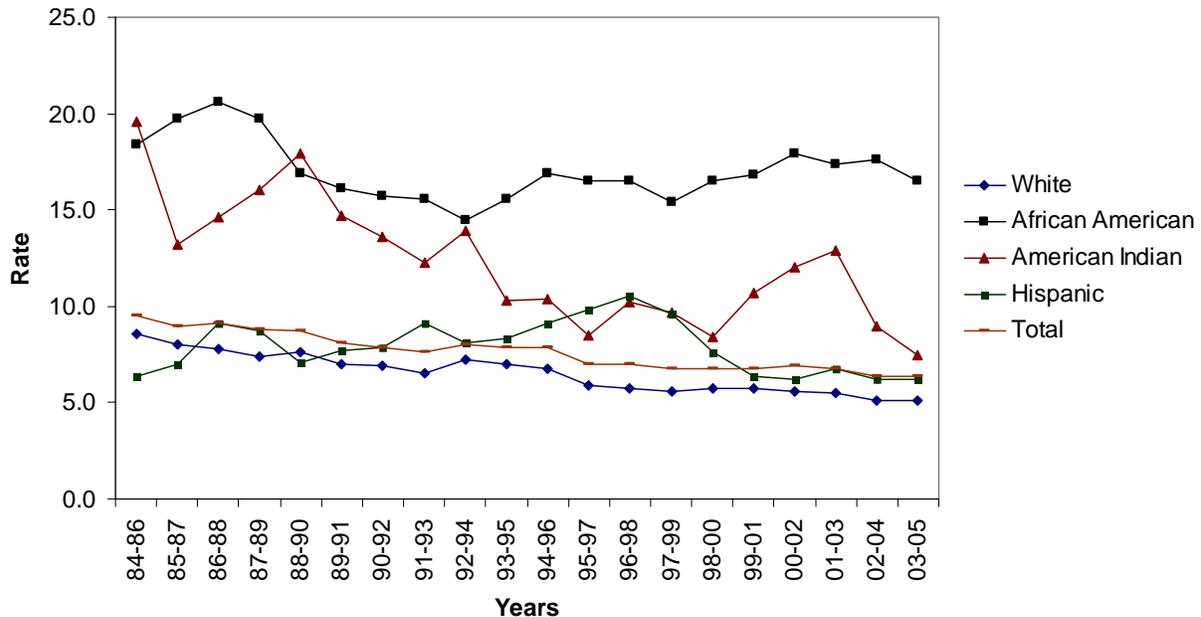


Source: Resident birth certificates, matched birth-death file, and fetal death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: An infant death is one that occurs before one year of age. The infant death rate is the number of resident infant deaths divided by total resident live births times 1,000. For detailed information on 2005 infant, neonatal and fetal deaths, see Table 4-8, pages 100-101.

- The black infant mortality rate for 2005 was 15.0 deaths per 1,000 births to black mothers, compared to 19.2 in 2004 and 17.9 in 1995. The 2005 white infant mortality rate was 5.6 deaths per 1,000 births to white women, compared to 4.5 in 2004 and 6.2 in 1995. The Hispanic infant mortality rate for 2005 was 6.7 deaths per 1,000 births to Hispanic women, compared to 5.1 in 2004 and 8.8 in 1995. The number of American Indian infant deaths in any single year was too small to present a rate.
- Based on three-year rolling average infant mortality rates (Figure 22), American Indian infant mortality has dropped markedly since 1984. The rate was 19.6 per 1,000 live births in 1984-1986 and 7.5 per 1,000 in 2003-2005.
- The African American infant mortality rate has remained much higher than the rate for other populations in Wisconsin for two decades. The three-year average rate was 18.4 per 1,000 live births in 1984-1986, declined to a low of 14.5 per 1,000 live births in 1992-1994, but increased again to 16.5 in 2003-2005.
- The Hispanic infant mortality rate fluctuated but remained essentially unchanged; it was 6.4 per 1,000 live births in 1984-1986 and 6.2 per 1,000 in 2003-2005.
- Total infant mortality and white infant mortality declined gradually over the 1984-2005 period, to 6.4 and 5.1, respectively.

Figure 22. Infant Mortality Rates by Race/Ethnicity, Three-Year Rolling Averages, 1984-2005

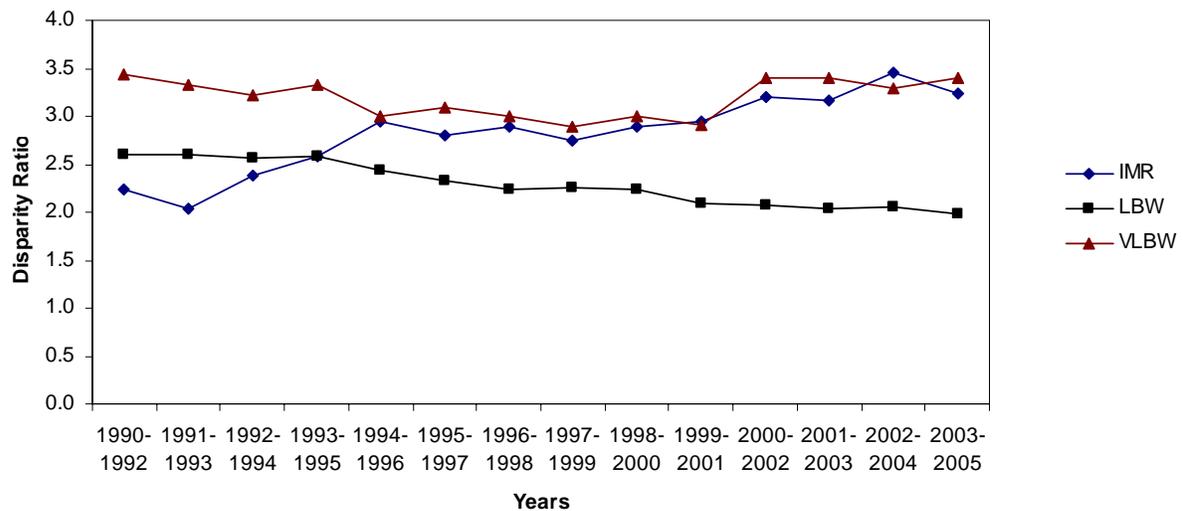


Source: Resident birth certificates, matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: An infant death is one that occurs before one year of age. The infant death rate is the number of resident infant deaths divided by total resident live births times 1,000. For detailed information on 2005 infant, neonatal and fetal deaths, see Table 4-8, pages 100-101. Total includes all infant deaths, including Asian and "Other," too small to be shown separately.

- The disparity ratio between the black infant mortality rate and the white infant mortality rate increased dramatically from the 1990-1992 period (2.2) to the 2003-2005 period (3.2). The disparity ratio is the black 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 low birthweight rate and the white low birthweight rate gradually decreased over the 15-year period. It was 2.0 in 2003-2005.
- The disparity ratio between the black very low birthweight rate and the white very low birthweight rate decreased during the 1990's, but has increased since 2000, to 3.4 in 2003-2005.

Figure 23. Black/White Disparity Ratio for Infant Mortality, Low Birthweight and Very Low Birthweight, Three-Year Rolling Averages, 1990-2005



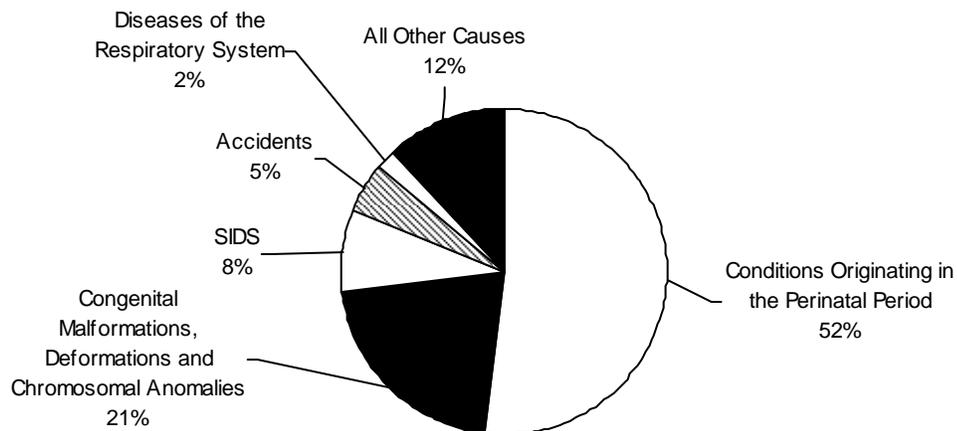
Source: Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

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

Causes of Infant Death

- “Conditions originating in the perinatal period” accounted for 52 percent of infant deaths in 2005 (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 21 percent of infant deaths in 2005.
- Eight percent of infant deaths in 2005 were attributed to Sudden Infant Death Syndrome (SIDS).

Figure 24. Leading Causes of Infant Death, 2005

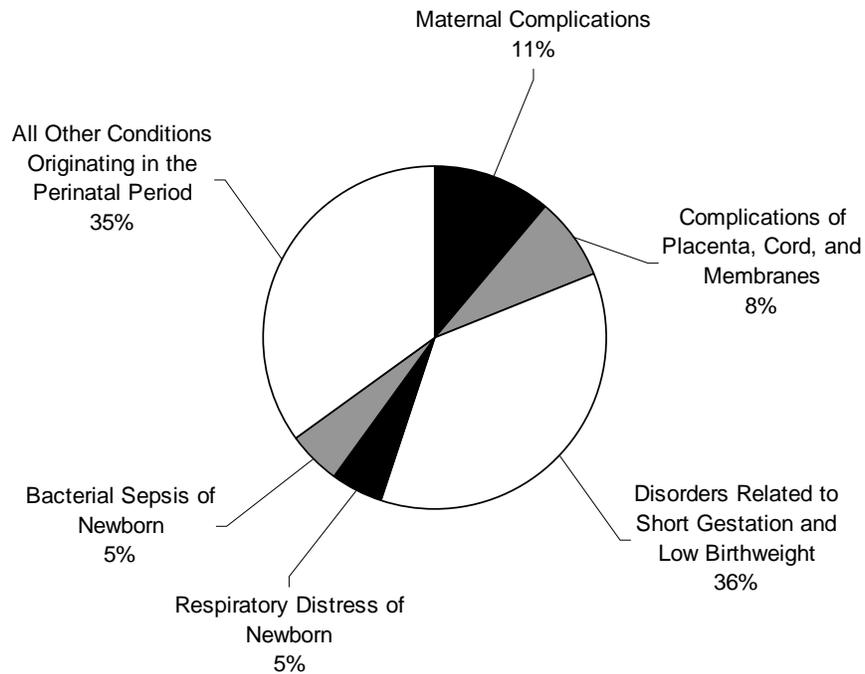


Source: Matched birth-death file, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family Services.

Notes: Beginning with 1999 data, causes of death have been coded using the International Classification of Diseases, Tenth Revision (ICD 10). This may affect comparability with previous years for some categories of death. See Technical Notes, page 106.

Percents in this figure are based on all infant deaths.

Figure 25. Causes of Infant Death: Conditions Originating in the Perinatal Period, 2005



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

Notes: Beginning with 1999 data, causes of death have been coded using the International Classification of Diseases, Tenth Revision (ICD 10). This may affect comparability with previous years for some categories of death. See Technical Notes, page 106.

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 2005

County	Population Estimate	Total Births	Male	Female	Crude Birth Rate	General Fertility Rate
Total	5,581,847	70,934	36,367	34,567	12.7	61.2
Adams	21,266	159	85	74	7.5	51.7
Ashland	16,792	198	97	101	11.8	57.2
Barron	46,566	528	262	266	11.3	59.8
Bayfield	15,520	121	63	58	7.8	47.8
Brown	240,788	3,332	1,675	1,657	13.8	63.3
Buffalo	14,056	147	77	70	10.5	57.2
Burnett	16,586	159	74	85	9.6	61.5
Calumet	45,094	630	338	292	14.0	67.2
Chippewa	60,528	738	348	390	12.2	64.6
Clark	34,362	581	279	302	16.9	89.0
Columbia	55,195	691	367	324	12.5	64.9
Crawford	17,370	201	93	108	11.6	66.2
Dane	460,758	6,055	3,160	2,895	13.1	55.2
Dodge	88,688	910	475	435	10.3	54.4
Door	29,045	258	148	110	8.9	56.3
Douglas	44,036	466	243	223	10.6	51.2
Dunn	42,198	511	255	256	12.1	52.3
Eau Claire	96,434	1,178	608	570	12.2	51.7
Florence	5,134	37	23	14	7.2	43.9
Fond du Lac	100,087	1,187	591	596	11.9	57.2
Forest	10,134	114	59	55	11.2	66.0
Grant	50,372	559	276	283	11.1	57.3
Green	35,579	447	227	220	12.6	65.5
Green Lake	19,316	204	111	93	10.6	61.8
Iowa	23,768	320	169	151	13.5	66.7
Iron	6,822	45	29	16	6.6	39.1
Jackson	19,859	237	122	115	11.9	67.8
Jefferson	79,519	1,028	540	488	12.9	60.0
Juneau	27,077	277	130	147	10.2	56.4
Kenosha	159,705	2,133	1,086	1,047	13.4	61.0
Kewaunee	21,076	232	135	97	11.0	56.1
La Crosse	109,907	1,292	661	631	11.8	50.9
Lafayette	16,313	207	112	95	12.7	66.1
Langlade	21,221	202	95	107	9.5	53.3
Lincoln	30,419	275	139	136	9.0	48.8
Manitowoc	83,707	855	443	412	10.2	53.8

(Continued)

Table 2-1. Population, Births by Sex, Crude and General Fertility Rates by County of Residence, Wisconsin 2005

County	Population Estimate	Total Births	Male	Female	Crude Birth Rate	General Fertility Rate
Marathon	131,038	1,554	813	741	11.9	58.7
Marinette	44,206	460	235	225	10.4	56.6
Marquette	15,200	182	86	96	12.0	69.9
Menominee	4,605	104	68	36	22.6	110.6
Milwaukee	933,092	14,906	7,643	7,263	16.0	72.0
Monroe	43,072	615	322	293	14.3	73.9
Oconto	38,238	388	188	200	10.1	52.9
Oneida	37,831	355	201	154	9.4	54.7
Outagamie	171,400	2,291	1,166	1,125	13.4	61.4
Ozaukee	86,092	852	438	414	9.9	52.7
Pepin	7,535	99	51	48	13.1	72.4
Pierce	39,493	443	222	221	11.2	47.3
Polk	44,763	506	262	244	11.3	60.4
Portage	68,912	726	386	340	10.5	46.5
Price	15,746	130	70	60	8.3	49.0
Racine	194,524	2,623	1,297	1,326	13.5	66.3
Richland	18,164	228	115	113	12.6	67.5
Rock	157,662	2,052	1,054	998	13.0	62.9
Rusk	15,365	163	78	85	10.6	60.2
St. Croix	77,227	1,193	632	561	15.4	71.9
Sauk	58,984	785	412	373	13.3	66.9
Sawyer	17,131	205	113	92	12.0	72.2
Shawano	41,825	478	251	227	11.4	60.9
Sheboygan	115,798	1,481	760	721	12.8	65.5
Taylor	19,866	246	128	118	12.4	64.2
Trempealeau	27,991	331	180	151	11.8	62.3
Vernon	29,231	403	215	188	13.8	76.9
Vilas	22,337	164	81	83	7.3	47.9
Walworth	99,428	1,209	625	584	12.2	58.8
Washburn	16,947	173	97	76	10.2	62.9
Washington	126,795	1,495	762	733	11.8	57.7
Waukesha	379,224	4,108	2,080	2,028	10.8	55.6
Waupaca	53,157	537	278	259	10.1	53.6
Waushara	24,912	241	118	123	9.7	60.4
Winnebago	162,449	1,826	925	901	11.2	52.0
Wood	76,310	868	420	448	11.4	58.5

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

Notes: The crude birth rate is the number of resident live births divided by the resident population times 1,000. The general fertility rate is the number of resident live births divided by the number of females ages 15-44 times 1,000. Population estimates are from the United States Census Bureau and the Wisconsin Department of Administration, Demographic Services Center. These estimates are provisional and subject to revision.

Table 2-2. Population, Births and Crude Birth Rate by Selected Places of Residence, Wisconsin 2005

City	Population Estimate	Births	Crude Birth Rate
Appleton	72,085	1,301	18.0
Beloit	36,106	634	17.6
Brookfield	39,797	236	5.9
Caledonia (V)	24,569	188	7.7
De Pere	22,310	318	14.3
Eau Claire	64,632	851	13.2
Fitchburg	22,604	270	11.9
Fond du Lac	43,101	662	15.4
Franklin	32,548	326	10.0
Grand Chute	20,019	74	3.7
Green Bay	104,070	2,017	19.4
Greenfield	36,136	330	9.1
Janesville	62,130	879	14.1
Kenosha	93,785	1,642	17.5
La Crosse	51,426	587	11.4
Madison	221,735	3,265	14.7
Manitowoc	34,727	442	12.7
Menomonee Falls (V)	33,939	330	9.7
Mequon/Thiensville	26,746	214	8.0
Milwaukee	592,765	11,228	18.9
Mount Pleasant (T)	24,942	116	4.7
Muskego	22,427	237	10.6
Neenah/Menasha	41,141	667	16.2
New Berlin	38,969	346	8.9
Oak Creek	31,497	460	14.6
Oshkosh	65,445	791	12.1
Racine	80,500	1,690	21.0
Sheboygan	50,741	869	17.1
South Milwaukee	21,373	235	11.0
Stevens Point	25,125	289	11.5
Sun Prairie	24,219	470	19.4
Superior	27,249	320	11.7
Watertown	22,973	361	15.7
Waukesha	67,580	1,164	17.2
Wausau	39,275	572	14.6
Wauwatosa	46,312	527	11.4
West Allis	60,515	657	10.9
West Bend	29,612	430	14.5

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

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

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

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2005

STATE TOTAL	70,934	CHIPPEWA	738	Sun Prairie (C)	470
Urban*	56,599	Bloomer (C)	51	Verona (C)	132
Balance of State	14,335	Chippewa Falls (C)	210	Waunakee (V)	160
		Eagle Point (T)	34	Westport (T)	10
ADAMS	159	Eau Claire (C) (Pt.)	25	Windsor (T)	54
Rome (T)	7	Lafayette (T)	38	Balance of County	409
Balance of County	152	Stanley (C)	37		
		Wheaton (T)	29	DODGE	910
ASHLAND	198	Balance of County	314	Beaver Dam (C)	230
Ashland (C)	89			Beaver Dam (T)	16
Balance of County	109	CLARK	581	Columbus (C) (Pt.)	4
		Neillsville (C)	50	Fox Lake (T)	8
BARRON	528	Balance of County	531	Horicon (C)	50
Barron (C)	43			Juneau (C)	29
Rice Lake (C)	126	COLUMBIA	691	Mayville (C)	62
Rice Lake (T)	26	Columbus (C) (Pt.)	80	Watertown (C) (Pt.)	109
Balance of County	333	Lodi (C)	42	Waupun (C) (Pt.)	62
		Lodi (T)	42	Balance of County	340
BAYFIELD	121	Pacific (T)	17		
		Portage (C)	146	DOOR	258
BROWN	3,332	Balance of County	364	Sevastopol (T)	9
Allouez (V)	106			Sturgeon Bay (C)	123
Ashwaubenon (V)	113	CRAWFORD	201	Balance of County	126
Bellevue (V)	2	Prairie du Chien (C)	87		
De Pere (C)	318	Balance of County	114	DOUGLAS	466
Green Bay (C)	2,017			Superior (C)	320
Hobart (V)	24	DANE	6,055	Balance of County	146
Howard (V)	127	Bristol (T)	15		
Ledgeview (T)	24	Burke (T)	15	DUNN	511
Pittsfield (T)	11	Cottage Grove (V)	24	Menomonie (C)	188
Pulaski (V) (Pt.)	65	Cottage Grove (T)	76	Menomonie (T)	35
Scott (T)	30	Cross Plains (V)	44	Balance of County	288
Suamico (V)	2	De Forest (V)	139		
Balance of County	493	Dunn (T)	11	EAU CLAIRE	1,178
		Edgerton (C) (Pt.)	8	Altoona (C)	83
BUFFALO	147	Fitchburg (C)	270	Eau Claire (C) (Pt.)	826
Mondovi (C)	41	Madison (C)	3,265	Pleasant Valley (T)	33
Balance of County	106	Madison (T)	13	Seymour (T)	10
		Marshall (V)	57	Union (T)	25
BURNETT	159	McFarland (V)	95	Washington (T)	33
		Middleton (C)	203	Balance of County	168
CALUMET	630	Middleton (T)	51		
Appleton (C) (Pt.)	188	Monona (C)	67	FLORENCE	37
Brillion (C)	41	Mount Horeb (V)	98		
Chilton (C)	44	Oregon (T)	26	FOND DU LAC	1,187
Harrison (T)	116	Oregon (V)	118	Empire (T)	15
Menasha (C) (Pt.)	44	Pleasant Springs (T)	21	Fond du Lac (C)	662
New Holstein (C)	41	Springfield (T)	15	Friendship (T)	17
Balance of County	156	Stoughton (C)	189	Kewaskum (V) (Pt.)	1
				North Fond du Lac (V)	52
				Ripon (C)	74

* Sum of incorporated places having a population of 2,500 or more according to 2005 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 2005

Taycheedah (T)	29	Kenosha (C)	1,642	Rothschild (V)	46
Waupun (C) (Pt.)	44	Paddock Lake (V)	38	Wausau (C)	572
Balance of County	293	Pleasant Prairie (V)	150	Weston (V)	114
		Randall (T)	7	Balance of County	625
FOREST	114	Salem (T)	95	MARINETTE	460
		Somers (T)	32	Marinette (C)	153
GRANT	559	Twin Lakes (V)	80	Peshtigo (C)	38
Boscobel (C)	46	Wheatland (T)	21	Peshtigo (T)	31
Lancaster (C)	77	Balance of County	41	Stephenson (T)	7
Platteville (C)	95	KEWAUNEE	232	Balance of County	231
Balance of County	341	Algoma (C)	50		
		Kewaunee (C)	46	MARQUETTE	182
GREEN	447	Balance of County	136		
Brodhead (C)	48	LA CROSSE	1,292	MENOMINEE	104
Monroe (C)	167	Campbell (T)	16	Menominee (T)	104
Balance of County	232	Holland (T)	15	MILWAUKEE	14,906
		Holmen (V)	157	Bayside (V)(Pt.)	33
GREEN LAKE	204	La Crosse (C)	587	Brown Deer (V)	121
Berlin (C) (Pt.)	61	Onalaska (C)	243	Cudahy (C)	216
Balance of County	143	Onalaska (T)	44	Fox Point (V)	67
		Shelby (T)	24	Franklin (C)	326
IOWA	320	West Salem (V)	88	Glendale (C)	117
Dodgeville (C)	73	Balance of County	118	Greendale (V)	110
Mineral Point (C)	43	LAFAYETTE	207	Greenfield (C)	330
Balance of County	204			Hales Corners (V)	75
		LANGLADE	202	Milwaukee (C) (Pt.)	11,226
IRON	45	Antigo (C)	127	Oak Creek (C)	460
		Balance of County	75	Shorewood (V)	103
JACKSON	237	LINCOLN	275	South Milwaukee (C)	235
Black River Falls (C)	73	Bradley (T)	7	St. Francis (C)	85
Brockway (T)	14	Merrill (C)	132	Wauwatosa (C)	527
Balance of County	150	Merrill (T)	31	West Allis (C)	657
		Tomahawk (C)	44	West Milwaukee (V)	34
JEFFERSON	1,028	Balance of County	61	Whitefish Bay (V)	171
Ft. Atkinson (C)	185	MANITOWOC	855	Balance of County	13
Ixonia (T)	30	Kiel (C) (Pt.)	41	MONROE	615
Jefferson (C)	138	Manitowoc (C)	442	Sparta (C)	183
Koshkonong (T)	28	Manitowoc Rapids (T)	6	Sparta (T)	20
Lake Mills (C)	72	Two Rivers (C)	122	Tomah (C)	136
Oakland (T)	18	Balance of County	244	Balance of County	276
Waterloo (C)	47	MARATHON	1,554	OCONTO	388
Watertown (C) (Pt.)	252	Kronenwetter (V)	54	Chase (T)	25
Whitewater (C) (Pt.)	16	Marshfield (C) (Pt.)	7	Little Suamico (T)	52
Balance of County	242	Mosinee (C)	96	Oconto (C)	65
		Rib Mountain (T)	40	Oconto Falls (C)	37
JUNEAU	277			Pulaski (V) (Pt.)	2
Mauston (C)	68			Balance of County	207
Balance of County	209				
KENOSHA	2,133				
Bristol (T)	22				
Genoa City (V) (Pt.)	5				

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2005

ONEIDA	355	Osceola (V)	44	RUSK	163
Minocqua (T)	36	Osceola (T)	42	Ladysmith (C)	44
Newbold (T)	27	Balance of County	352	Balance of County	119
Pelican (T)	21				
Pine Lake (T)	25	PORTAGE	726	ST. CROIX	1,193
Rhineland (C)	125	Hull (T)	25	Baldwin (V)	49
Balance of County	121	Plover (V)	171	Hudson (C)	315
		Stevens Point (C)	289	Hudson (T)	89
OUTAGAMIE	2,291	Stockton (T)	30	New Richmond (C)	188
Appleton (C) (Pt.)	1,067	Balance of County	211	North Hudson (V)	18
Buchanan (T)	48			River Falls (C) (Pt.)	46
Center (T)	13	PRICE	130	Somerset (T)	91
Combined Locks (V)	34	Park Falls (C)	27	St. Joseph (T)	20
Dale (T)	15	Balance of County	103	Star Prairie (T)	26
Ellington (T)	28			Troy (T)	17
Freedom (T)	63	RACINE	2,623	Balance of County	334
Grand Chute (T)	74	Burlington (C) (Pt.)	144		
Greenville (T)	108	Burlington (T)	70	SAUK	785
Hortonville (V)	51	Caledonia (V)	188	Baraboo (C)	173
Kaukauna (C)	260	Dover (T)	19	Lake Delton (V)	25
Kimberly (V)	99	Mt. Pleasant (V)	117	Prairie du Sac (V)	53
Little Chute (V)	115	Norway (T)	60	Reedsburg (C)	159
New London (C) (Pt.)	26	Racine (C)	1,690	Sauk City (V)	47
Oneida (T)	59	Raymond (T)	23	Balance of County	328
Seymour (C)	49	Rochester (T)	17		
Balance of County	182	Sturtevant (V)	52	SAWYER	205
		Union Grove (V)	76	Hayward (T)	60
OZAUKEE	852	Waterford (T)	59	Balance of County	145
Cedarburg (C)	130	Waterford (V)	79		
Cedarburg (T)	41	Yorkville (T)	14	SHAWANO	478
Grafton (T)	37	Balance of County	15	Pulaski (V) (Pt.)	6
Grafton (V)	104			Shawano (C)	144
Mequon (C)	183	RICHLAND	228	Wescott (T)	27
Port Washington (C)	132	Richland Center (C)	98	Balance of County	301
Saukville (V)	50	Balance of County	130		
Thiensville (V)	31			SHEBOYGAN	1,481
Balance of County	144	ROCK	2,052	Greenbush (T)	13
		Beloit (C)	634	Howards Grove (V)	37
PEPIN	99	Beloit (T)	68	Lima (T)	13
		Brodhead (C) (Pt.)	1	Oostburg (V)	47
PIERCE	443	Edgerton (C)	97	Plymouth (C)	137
Ellsworth (V)	36	Evansville (C)	100	Plymouth (T)	14
Prescott (C)	83	Fulton (T)	13	Sheboygan (C)	869
River Falls (C) (Pt.)	98	Janesville (C)	879	Sheboygan (T)	46
Balance of County	226	Janesville (T)	18	Sheboygan Falls (C)	96
		Milton (C)	69	Wilson (T)	12
POLK	506	Milton (T)	16	Balance of County	197
Alden (T)	20	Rock (T)	9		
Amery (C)	48	Balance of County	148		

(Continued)

Table 2-3. Number of Births by County of Residence and Selected Minor Civil Divisions, Wisconsin 2005

TAYLOR	246	Barton (T)	13	Vernon (T)	56
Medford (C)	66	Erin (T)	26	Wales (V)	22
Balance of County	180	Farmington (T)	20	Waukesha (C)	1,164
		Germantown (V)	180	Waukesha (T)	56
TREMPEALEAU	331	Hartford (C) (Pt.)	215	Balance of County	213
		Hartford (T)	58		
VERNON	403	Jackson (T)	33	WAUPACA	537
Viroqua (C)	59	Jackson (V)	83	Clintonville (C)	76
Balance of County	344	Kewaskum (V)	51	Dayton (T)	15
		Polk (T)	16	Farmington (T)	20
VILAS	164	Richfield (T)	114	Mukwa (T)	12
Arbor Vitae (T)	21	Slinger (V)	55	New London (C) (Pt.)	70
Lac du Flambeau (T)	48	Trenton (T)	32	Waupaca (C)	75
Lincoln (T)	9	West Bend (C)	430	Balance of County	269
Balance of County	86	West Bend (T)	57		
		Balance of County	80	WAUSHARA	241
WALWORTH	1,209			Berlin (C) (Pt.)	10
Bloomfield (T)	38	WAUKESHA	4,108	Balance of County	231
Burlington (C) (Pt.)	9	Brookfield (C)	236		
Delavan (C)	188	Brookfield (T)	73	WINNEBAGO	1,826
Delavan (T)	49	Delafield (C)	58	Algoma (T)	35
East Troy (T)	38	Delafield (T)	46	Appleton (C) (Pt.)	46
East Troy (V)	68	Eagle (T)	38	Clayton (T)	27
Elkhorn (C)	182	Elm Grove (V)	37	Menasha (C) (Pt.)	241
Geneva (T)	26	Genesee (T)	41	Menasha (T)	95
Genoa City (V) (Pt.)	91	Hartland (V)	146	Neenah (C)	382
La Grange (T)	16	Lisbon (T)	61	Neenah (T)	30
Lake Geneva (C)	133	Menomonee Falls (V)	330	Omro (C)	50
Lyons (T)	17	Merton (T)	56	Oshkosh (C)	791
Mukwonago (V) (Pt.)	1	Milwaukee (C) (Pt.)	2	Oshkosh (T)	11
Sugar Creek (T)	26	Mukwonago (T)	80	Winneconne (V)	24
Walworth (V)	42	Mukwonago (V) (Pt.)	87	Balance of County	94
Whitewater (C) (Pt.)	92	Muskego (C)	237		
Williams Bay (V)	31	New Berlin (C)	346	WOOD	868
Balance of County	162	Oconomowoc (C)	236	Grand Rapids (T)	39
		Oconomowoc (T)	58	Marshfield (C) (Pt.)	247
WASHBURN	173	Ottawa (T)	18	Nekoosa (C)	46
Spooner (C)	51	Pewaukee (C)	85	Saratoga (T)	14
Balance of County	122	Pewaukee (V)	140	Wisconsin Rapids (C)	309
		Summit (T)	29	Balance of County	213
WASHINGTON	1,495	Sussex (V)	157		
Addison (T)	32				

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

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

Table 2-4. Births by County, City and Hospital of Occurrence, Wisconsin 2005

County	City	Hospital	Births
Ashland	Ashland	Memorial Medical Center	293
Barron	Cumberland	Cumberland Memorial Hospital	73
	Rice Lake	Lakeview Medical Center	448
	Barron	Barron Memorial Medical Center	87
Brown	Green Bay	Aurora Baycare Medical Center	1,465
	Green Bay	Bellin Health System	1,237
	Green Bay	St Marys Hospital Medical Center	614
	Green Bay	St Vincent Hospital	1,117
Burnett	Grantsburg	Burnett Medical Center, Inc.	41
Chippewa	Chippewa Falls	St Josephs Hospital	502
Clark	Neillsville	Memorial Hospital, Inc.	48
Columbia	Columbus	Columbus Community Hospital, Inc.	118
	Portage	Divine Savior Healthcare	269
Crawford	Prairie du Chien	Prairie du Chien Memorial Hospital	149
Dane	Madison	Meriter Hospital, Inc	3,665
	Madison	St Marys Hospital Medical Center	3,509
Dodge	Beaver Dam	Beaver Dam Community Hospital	343
	Watertown	Watertown Memorial Hospital	346
	Waupun	Waupun Memorial Hospital	138
Door	Sturgeon Bay	Door County Memorial Hospital	170
Dunn	Menomonie	Red Cedar Medical Center	276
Eau Claire	Eau Claire	Luther Hospital	686
	Eau Claire	Sacred Heart Hospital	1,238
Fond du Lac	Fond du Lac	St. Agnes Hospital	965
Grant	Boscobel	Boscobel Area Health Care	72
	Lancaster	Grant Regional Health Center, Inc.	127
	Platteville	Southwest Health Center	151
	Monroe	The Monroe Clinic	408
Green Lake	Berlin	Berlin Memorial Hospital	202
Iowa	Dodgeville	Upland Hills Health, Inc.	262
Jackson	Black River Falls	Black River Memorial Hospital	155
Jefferson	Fort Atkinson	Fort Atkinson Memorial Hospital	477
Juneau	Mauston	Hess Memorial Hospital	201
Kenosha	Kenosha	Aurora Medical Center	1,165
	Kenosha	United Hospital Systems-Keno Med Ctr Camp	729
La Crosse	La Crosse	Gundersen Lutheran Medical Center	1,524
	La Crosse	Franciscan Skemp Healthcare	768
Lafayette	Darlington	Memorial Hospital of Lafayette County	45
Langlade	Antigo	Langlade Memorial Hospital	190
Lincoln	Merrill	Good Samaritan Health Center	121
Manitowoc	Manitowoc	Holy Family Memorial Medical Center	421
	Two Rivers	Aurora Medical Center	263
Marathon	Wausau	Wausau Hospital	1,404
	Weston	St Clares Hospital	88
Marinette	Marinette	Bay Area Medical Center	414
Milwaukee	Milwaukee	The Columbia Center	690
	Milwaukee	Aurora Sinai Medical Center, Inc.	2,554
	Milwaukee	St. Francis Hospital	1,391

(Continued)

Table 2-4. Births by County, City and Hospital of Occurrence, Wisconsin 2005

County	City	Hospital	Births
	Milwaukee	St. Josephs Regional Medical Center	4,653
	Milwaukee	St. Marys Hospital	2,848
	Milwaukee	St. Michaels Hospital	1
	Wauwatosa	Froedert Memorial Lutheran Hospital	1,512
	West Allis	West Allis Memorial Hospital	2,684
Monroe	Sparta	Franciscan Skemp Healthcare-Sparta	97
	Tomah	Tomah Memorial Hospital, Inc.	248
Oconto	Oconto Falls	Community Memorial Hospital	89
Oneida	Rhineland	Sacred Heart-St Marys Hospital, Inc.	400
	Woodruff	Howard Young Medical Center	303
Outagamie	Appleton	Appleton Medical Center	1,057
	Appleton	St Elizabeth Hospital	1,279
	New London	New London Family Medical Center	130
Ozaukee	Mequon	St Marys Hospital-Ozaukee	788
Polk	Amery	Amery Regional Medical Center	132
	Osceola	Osceola Medical Center	90
	Saint Croix	St Croix Regional Medical Center	307
Portage	Stevens Point	St. Michaels Hospital	664
Price	Park Falls	Flambeau Hospital, Inc.	50
Racine	Burlington	Memorial Hospital Of Burlington	319
	Racine	All Saints-St. Lukes Health Pavilion	1,902
Richland	Richland Center	The Richland Hospital	201
Rock	Beloit	Beloit Memorial Hospital, Inc.	746
	Edgerton	Memorial Community Hospital	1
	Janesville	Mercy Health System	1,229
Rusk	Ladysmith	Rusk County Memorial Hospital	89
Sauk	Baraboo	St Clare Hospital And Health Services	313
	Prairie du Sac	Sauk Prairie Memorial Hospital	248
	Reedsburg	Reedsburg Area Medical Center	294
Sawyer	Hayward	Hayward Area Memorial Hospital	174
Shawano	Shawano	Shawano Medical Center	357
Sheboygan	Sheboygan	Aurora Sheboygan Memorial Medical Center	1,194
	Sheboygan	St. Nicholas Hospital	337
St.Croix	Baldwin	Baldwin Area Medical Center	93
	Hudson	Hudson Hospital	379
	New Richmond	Westfields Hospital	157
	River Falls	River Falls Area Hospital	238
Taylor	Medford	Memorial Health Center, Inc.	220
Trempealeau	Arcadia	Franciscan Skemp Healthcare-Arcadia	43
Vernon	Hillsboro	St Josephs Community Health Services	20
	Viroqua	Vernon Memorial Hospital	165
Walworth	Elkhorn	Aurora Lakeland Medical Center	749
Washburn	Shell Lake	Indianhead Medical Center, Inc.	20
	Spooner	Spooner Health System	80
Washington	Hartford	Aurora Medical Center	332
	West Bend	St. Josephs Community Hospital	651
Waukesha	Brookfield	Elmbrook Memorial Hospital	650

(Continued)

Table 2-4. Births by County, City and Hospital of Occurrence, Wisconsin 2005

County	City	Hospital	Births
	Menomonee Falls	Community Memorial Hospital	843
	Oconomowoc	Oconomowoc Memorial Hospital	765
	Waukesha	Waukesha Memorial Hospital	2,287
Waupaca	Waupaca	Riverside Medical Center	208
Winnebago	Neenah	Theda Clark Regional Medical Center	1,309
	Oshkosh	Aurora Medical Center Of Oshkosh	705
	Oshkosh	Mercy Medical Center	621
Wood	Marshfield	St. Josephs Hospital	1,240
	Wisconsin Rapids	Riverview Hospital Association	506

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

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

In Vernon County, 64 deliveries took place at the LaFarge Clinic; these births are not included in either the hospital or the home birth totals shown. In Dane County, 50 deliveries took place at the Madison Birth Center, SC, these births are not included in either the hospital or home birth totals shown. Almost all births (69,803 or 98 percent) occurred in hospitals.

Table 2-5. Home Births by County of Birth, Wisconsin 2005

County of Birth	Number of Births	County of Birth	Number of Births
Adams	3	Marathon	33
Ashland	3	Marinette	2
Barron	6	Marquette	17
Bayfield	1	Menominee	-
Brown	21	Milwaukee	39
Buffalo	-	Monroe	48
Burnett	1	Oconto	9
Calumet	6	Oneida	5
Chippewa	16	Outagamie	9
Clark	175	Ozaukee	10
Columbia	13	Pepin	52
Crawford	5	Pierce	2
Dane	43	Polk	5
Dodge	3	Portage	7
Door	1	Price	-
Douglas	1	Racine	8
Dunn	11	Richland	4
Eau Claire	33	Rock	19
Florence	-	Rusk	11
Fond du Lac	12	St. Croix	6
Forest	-	Sauk	13
Grant	33	Sawyer	3
Green	4	Shawano	14
Green Lake	26	Sheboygan	9
Iowa	4	Taylor	10
Iron	-	Trempealeau	4
Jackson	18	Vernon	101
Jefferson	5	Vilas	2
Juneau	-	Walworth	8
Kenosha	9	Washburn	2
Kewaunee	-	Washington	12
La Crosse	9	Waukesha	28
Lafayette	11	Waupaca	10
Langlade	1	Waushara	11
Lincoln	6	Winnebago	7
Manitowoc	5	Wood	5
		Total	1,010

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

Notes: This table shows the number of Wisconsin resident births in 2005 that occurred at home by the county in which the birth occurred. (The county in which the home birth occurred is not always the residence of the mother.) In Vernon County, 64 deliveries took place at the LaFarge Clinic; these births are not included in either the hospital or the home birth totals shown. In Dane County, 50 deliveries took place at the Madison Birth Center, SC, these births are not included in either the hospital or home birth totals shown. Almost all births (69,803 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 2005

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	70,934	86	1,776	4,231	16,430	21,305	17,387	8,070	1,564	75
Adams	159	-	8	18	47	41	26	14	4	1
Ashland	198	-	4	18	60	65	29	16	6	-
Barron	528	-	11	34	171	168	97	33	14	-
Bayfield	121	-	1	9	31	39	15	21	5	-
Brown	3,332	2	80	197	751	1,047	844	347	58	5
Buffalo	147	-	6	7	36	49	36	11	2	-
Burnett	159	1	4	11	58	49	20	11	5	-
Calumet	630	-	9	13	97	222	194	86	9	-
Chippewa	738	1	13	42	199	235	163	73	9	2
Clark	581	-	6	32	167	174	114	60	27	1
Columbia	691	-	11	30	149	217	183	83	18	-
Crawford	201	-	4	10	57	61	42	21	6	-
Dane	6,055	5	68	248	964	1,753	1,874	969	164	10
Dodge	910	1	15	55	227	308	190	98	15	1
Door	258	-	3	16	55	76	67	34	7	-
Douglas	466	1	7	30	123	152	108	33	12	-
Dunn	511	-	11	24	130	173	108	60	5	-
Eau Claire	1,178	1	24	62	303	377	257	124	29	1
Florence	37	-	-	1	6	15	6	8	1	-
Fond du Lac	1,187	-	20	82	270	382	277	130	24	1
Forest	114	-	3	12	43	34	16	5	1	-
Grant	559	-	11	28	147	190	120	49	13	1
Green	447	-	7	27	108	124	115	51	15	-
Green Lake	204	-	6	10	61	54	46	18	9	-
Iowa	320	-	3	13	66	98	89	40	10	1
Iron	45	-	-	1	12	14	11	4	3	-
Jackson	237	-	4	19	74	67	46	21	5	-
Jefferson	1,028	2	17	66	226	337	250	104	25	-
Juneau	277	-	6	17	89	79	52	30	4	-
Kenosha	2,133	1	59	125	570	616	504	221	36	1
Kewaunee	232	-	2	11	52	73	65	27	2	-
La Crosse	1,292	1	31	62	268	439	321	148	22	-
Lafayette	207	-	2	7	57	66	43	23	9	-
Langlade	202	-	4	23	69	40	42	20	4	-
Lincoln	275	-	3	20	62	87	71	27	5	-
Manitowoc	855	-	27	50	217	284	187	79	11	-
Marathon	1,554	1	30	91	373	488	390	152	26	3
Marinette	460	-	12	37	121	142	85	59	4	-
Marquette	182	-	4	14	42	69	27	22	3	1
Menominee	104	-	6	19	39	22	12	6	-	-
Milwaukee	14,906	49	717	1,268	3,992	4,065	3,064	1,416	319	15
Monroe	615	-	10	40	179	184	135	57	8	2

(Continued)

Table 2-6. Number of Births by Age of Mother and County of Residence, Wisconsin 2005

County	Total	< 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	388	-	5	22	78	144	93	37	9	-
Oneida	355	-	3	26	80	93	97	49	6	1
Outagamie	2,291	2	39	83	465	790	599	257	55	1
Ozaukee	852	-	7	18	85	227	307	172	35	1
Pepin	99	-	-	2	30	33	19	11	4	-
Pierce	443	-	8	20	73	160	120	51	10	1
Polk	506	-	8	27	132	174	119	36	10	-
Portage	726	-	12	36	156	246	180	77	19	-
Price	130	1	1	9	41	40	25	10	3	-
Racine	2,623	10	106	187	619	757	612	282	48	1
Richland	228	-	6	6	75	65	47	25	4	-
Rock	2,052	2	70	161	553	612	444	178	30	1
Rusk	163	-	4	11	43	52	32	14	7	-
St. Croix	1,193	-	9	37	228	378	358	149	33	1
Sauk	785	1	14	50	233	222	173	77	15	-
Sawyer	205	-	8	22	74	48	33	14	6	-
Shawano	478	-	6	33	137	155	98	41	8	-
Sheboygan	1,481	2	31	102	328	484	342	159	29	4
Taylor	246	-	3	17	63	82	52	23	6	-
Trempealeau	331	-	3	19	84	109	81	33	2	-
Vernon	403	-	4	22	115	124	79	49	9	1
Vilas	164	-	2	13	44	44	39	19	2	1
Walworth	1,209	2	25	56	288	368	303	139	28	-
Washburn	173	-	5	15	42	69	25	15	2	-
Washington	1,495	-	9	45	245	436	500	221	37	1
Waukesha	4,108	-	41	97	511	1,139	1,422	752	136	10
Waupaca	537	-	15	26	140	170	122	55	9	-
Waushara	241	-	10	19	66	66	57	19	4	-
Winnebago	1,826	-	38	98	388	586	470	211	30	4
Wood	868	-	15	53	246	257	198	84	14	1

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

Notes: Included in the total column are 10 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 2005

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	70,934	0.1%	2.5%	6.0%	23.2%	30.0%	24.5%	11.4%	2.2%	0.1%
Adams	159	-	5.0	11.3	29.6	25.8	16.4	8.8	2.5	0.6
Ashland	198	-	2.0	9.1	30.3	32.8	14.6	8.1	3.0	-
Barron	528	-	2.1	6.4	32.4	31.8	18.4	6.3	2.7	-
Bayfield	121	-	0.8	7.4	25.6	32.2	12.4	17.4	4.1	-
Brown	3,332	0.1	2.4	5.9	22.5	31.4	25.3	10.4	1.7	0.2
Buffalo	147	-	4.1	4.8	24.5	33.3	24.5	7.5	1.4	-
Burnett	159	0.6	2.5	6.9	36.5	30.8	12.6	6.9	3.1	-
Calumet	630	-	1.4	2.1	15.4	35.2	30.8	13.7	1.4	-
Chippewa	738	0.1	1.8	5.7	27.0	31.8	22.1	9.9	1.2	0.3
Clark	581	-	1.0	5.5	28.7	29.9	19.6	10.3	4.6	0.2
Columbia	691	-	1.6	4.3	21.6	31.4	26.5	12.0	2.6	-
Crawford	201	-	2.0	5.0	28.4	30.3	20.9	10.4	3.0	-
Dane	6,055	0.1	1.1	4.1	15.9	29.0	30.9	16.0	2.7	0.2
Dodge	910	0.1	1.6	6.0	24.9	33.8	20.9	10.8	1.6	0.1
Door	258	-	1.2	6.2	21.3	29.5	26.0	13.2	2.7	-
Douglas	466	0.2	1.5	6.4	26.4	32.6	23.2	7.1	2.6	-
Dunn	511	-	2.2	4.7	25.4	33.9	21.1	11.7	1.0	-
Eau Claire	1,178	0.1	2.0	5.3	25.7	32.0	21.8	10.5	2.5	0.1
Florence	37	-	-	2.7	16.2	40.5	16.2	21.6	2.7	-
Fond du Lac	1,187	-	1.7	6.9	22.7	32.2	23.3	11.0	2.0	0.1
Forest	114	-	2.6	10.5	37.7	29.8	14.0	4.4	0.9	-
Grant	559	-	2.0	5.0	26.3	34.0	21.5	8.8	2.3	0.2
Green	447	-	1.6	6.0	24.2	27.7	25.7	11.4	3.4	-
Green Lake	204	-	2.9	4.9	29.9	26.5	22.5	8.8	4.4	-
Iowa	320	-	0.9	4.1	20.6	30.6	27.8	12.5	3.1	0.3
Iron	45	-	-	2.2	26.7	31.1	24.4	8.9	6.7	-
Jackson	237	-	1.7	8.0	31.2	28.3	19.4	8.9	2.1	-
Jefferson	1,028	0.2	1.7	6.4	22.0	32.8	24.3	10.1	2.4	-
Juneau	277	-	2.2	6.1	32.1	28.5	18.8	10.8	1.4	-
Kenosha	2,133	0.0	2.8	5.9	26.7	28.9	23.6	10.4	1.7	0.0
Kewaunee	232	-	0.9	4.7	22.4	31.5	28.0	11.6	0.9	-
La Crosse	1,292	0.1	2.4	4.8	20.7	34.0	24.8	11.5	1.7	-
Lafayette	207	-	1.0	3.4	27.5	31.9	20.8	11.1	4.3	-
Langlade	202	-	2.0	11.4	34.2	19.8	20.8	9.9	2.0	-
Lincoln	275	-	1.1	7.3	22.5	31.6	25.8	9.8	1.8	-
Manitowoc	855	-	3.2	5.8	25.4	33.2	21.9	9.2	1.3	-
Marathon	1,554	0.1	1.9	5.9	24.0	31.4	25.1	9.8	1.7	0.2
Marinette	460	-	2.6	8.0	26.3	30.9	18.5	12.8	0.9	-
Marquette	182	-	2.2	7.7	23.1	37.9	14.8	12.1	1.6	0.5
Menominee	104	-	5.8	18.3	37.5	21.2	11.5	5.8	-	-
Milwaukee	14,906	0.3	4.8	8.5	26.8	27.3	20.6	9.5	2.1	0.1
Monroe	615	-	1.6	6.5	29.1	29.9	22.0	9.3	1.3	0.3

(Continued)

Table 2-7. Percent of Births by Age of Mother and County of Residence, Wisconsin 2005

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Oconto	388	-	1.3	5.7	20.1	37.1	24.0	9.5	2.3	-
Oneida	355	-	0.8	7.3	22.5	26.2	27.3	13.8	1.7	0.3
Outagamie	2,291	0.1	1.7	3.6	20.3	34.5	26.1	11.2	2.4	0.0
Ozaukee	852	-	0.8	2.1	10.0	26.6	36.0	20.2	4.1	0.1
Pepin	99	-	-	2.0	30.3	33.3	19.2	11.1	4.0	-
Pierce	443	-	1.8	4.5	16.5	36.1	27.1	11.5	2.3	0.2
Polk	506	-	1.6	5.3	26.1	34.4	23.5	7.1	2.0	-
Portage	726	-	1.7	5.0	21.5	33.9	24.8	10.6	2.6	-
Price	130	0.8	0.8	6.9	31.5	30.8	19.2	7.7	2.3	-
Racine	2,623	0.4	4.0	7.1	23.6	28.9	23.3	10.8	1.8	0.0
Richland	228	-	2.6	2.6	32.9	28.5	20.6	11.0	1.8	-
Rock	2,052	0.1	3.4	7.8	26.9	29.8	21.6	8.7	1.5	0.0
Rusk	163	-	2.5	6.7	26.4	31.9	19.6	8.6	4.3	-
St. Croix	1,193	-	0.8	3.1	19.1	31.7	30.0	12.5	2.8	0.1
Sauk	785	0.1	1.8	6.4	29.7	28.3	22.0	9.8	1.9	-
Sawyer	205	-	3.9	10.7	36.1	23.4	16.1	6.8	2.9	-
Shawano	478	-	1.3	6.9	28.7	32.4	20.5	8.6	1.7	-
Sheboygan	1,481	0.1	2.1	6.9	22.1	32.7	23.1	10.7	2.0	0.3
Taylor	246	-	1.2	6.9	25.6	33.3	21.1	9.3	2.4	-
Trempealeau	331	-	0.9	5.7	25.4	32.9	24.5	10.0	0.6	-
Vernon	403	-	1.0	5.5	28.5	30.8	19.6	12.2	2.2	0.2
Vilas	164	-	1.2	7.9	26.8	26.8	23.8	11.6	1.2	0.6
Walworth	1,209	0.2	2.1	4.6	23.8	30.4	25.1	11.5	2.3	-
Washburn	173	-	2.9	8.7	24.3	39.9	14.5	8.7	1.2	-
Washington	1,495	-	0.6	3.0	16.4	29.2	33.4	14.8	2.5	0.1
Waukesha	4,108	-	1.0	2.4	12.4	27.7	34.6	18.3	3.3	0.2
Waupaca	537	-	2.8	4.8	26.1	31.7	22.7	10.2	1.7	-
Waushara	241	-	4.1	7.9	27.4	27.4	23.7	7.9	1.7	-
Winnebago	1,826	-	2.1	5.4	21.2	32.1	25.7	11.6	1.6	0.2
Wood	868	-	1.7	6.1	28.3	29.6	22.8	9.7	1.6	0.1

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

Notes: Included in the total column are 10 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 2005

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	70,934	86	1,776	4,231	16,430	21,305	17,387	8,070	1,564	75
DHFS Regions										
Southern	13,294	9	229	692	2,887	3,960	3,477	1,707	316	16
Southeastern	28,354	64	981	1,862	6,536	7,945	6,962	3,307	664	29
Northeastern	14,686	6	313	832	3,307	4,766	3,585	1,587	271	16
Western	9,360	5	164	494	2,340	3,042	2,159	940	206	8
Northern	5,240	2	89	351	1,360	1,592	1,204	529	107	6
Perinatal Regions										
South Central	14,927	13	263	782	3,229	4,480	3,909	1,880	354	15
Southeast	27,598	62	970	1,842	6,350	7,724	6,751	3,223	640	33
Fox Valley	7,098	2	141	345	1,529	2,339	1,792	798	143	7
Northeast	6,107	2	141	385	1,450	1,943	1,451	630	99	5
Western	8,422	3	146	427	2,079	2,731	1,981	877	168	8
North Central	5,415	2	86	344	1,393	1,652	1,262	548	121	7
Northwest	1,367	2	29	106	400	436	241	114	39	-

Table 2-9. Percent of Births by Age of Mother and Region, Wisconsin 2005

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	70,934	0.1%	2.5%	6.0%	23.2%	30.0%	24.5%	11.4%	2.2%	0.1%
DHFS Regions										
Southern	13,294	0.1	1.7	5.2	21.7	29.8	26.2	12.8	2.4	0.1
Southeastern	28,354	0.2	3.5	6.6	23.1	28.0	24.6	11.7	2.3	0.1
Northeastern	14,686	0.0	2.1	5.7	22.5	32.5	24.4	10.8	1.8	0.1
Western	9,360	0.1	1.8	5.3	25.0	32.5	23.1	10.0	2.2	0.1
Northern	5,240	0.0	1.7	6.7	26.0	30.4	23.0	10.1	2.0	0.1
Perinatal Regions										
South Central	14,927	0.1	1.8	5.2	21.6	30.0	26.2	12.6	2.4	0.1
Southeast	27,598	0.2	3.5	6.7	23.0	28.0	24.5	11.7	2.3	0.1
Fox Valley	7,098	0.0	2.0	4.9	21.5	33.0	25.2	11.2	2.0	0.1
Northeast	6,107	0.0	2.3	6.3	23.7	31.8	23.8	10.3	1.6	0.1
Western	8,422	0.0	1.7	5.1	24.7	32.4	23.5	10.4	2.0	0.1
North Central	5,415	0.0	1.6	6.4	25.7	30.5	23.3	10.1	2.2	0.1
Northwest	1,367	0.1	2.1	7.8	29.3	31.9	17.6	8.3	2.9	-

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

Notes: Included in the totals are 10 births for which age of mother was not reported. A dash (-) indicates that there were no births in that category. Percents may not add to 100 due to rounding. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104).

Table 2-10. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2005

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/Latino	Laotian/Hmong	Other
Total	70,934	54,292	6,715	1,039	6,262	1,101	1,495
Adams	159	154	-	2	3	-	-
Ashland	198	163	-	30	3	-	2
Barron	528	499	8	9	9	-	2
Bayfield	121	100	-	19	-	-	2
Brown	3,332	2,555	79	171	374	88	62
Buffalo	147	143	-	1	2	-	1
Burnett	159	139	1	18	1	-	-
Calumet	630	587	4	2	18	12	7
Chippewa	738	712	3	5	10	6	2
Clark	581	546	1	4	27	-	3
Columbia	691	664	3	1	20	1	2
Crawford	201	196	2	1	1	-	1
Dane	6,055	4,505	465	39	606	85	344
Dodge	910	829	4	4	69	-	4
Door	258	240	-	5	12	-	1
Douglas	466	447	2	9	5	1	2
Dunn	511	463	2	-	11	19	16
Eau Claire	1,178	1,078	11	10	23	43	13
Florence	37	37	-	-	-	-	-
Fond du Lac	1,187	1,059	13	4	85	12	13
Forest	114	83	-	28	2	-	1
Grant	559	540	2	-	13	-	4
Green	447	427	2	1	12	-	4
Green Lake	204	184	1	-	14	3	2
Iowa	320	311	1	-	5	-	3
Iron	45	40	-	3	1	-	1
Jackson	237	205	-	23	6	-	2
Jefferson	1,028	875	5	2	131	1	13
Juneau	277	265	-	6	2	-	4
Kenosha	2,133	1,559	215	12	308	-	38
Kewaunee	232	223	1	-	7	-	1
La Crosse	1,292	1,138	17	12	17	83	25
Lafayette	207	199	-	1	7	-	-
Langlade	202	188	-	6	7	1	-
Lincoln	275	271	-	1	1	-	2
Manitowoc	855	765	5	2	48	28	6
Marathon	1,554	1,341	3	10	44	142	14
Marinette	460	446	-	4	9	1	-
Marquette	182	171	-	1	10	-	-
Menominee	104	3	-	97	3	-	1
Milwaukee	14,906	6,293	5,233	138	2,537	303	401
Monroe	615	562	3	9	37	-	4

(Continued)

Table 2-10. Number of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2005

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/Latino	Laotian/Hmong	Other
Oconto	388	378	-	5	4	-	1
Oneida	355	337	1	8	6	-	3
Outagamie	2,291	2,030	15	36	112	53	45
Ozaukee	852	801	4	5	24	-	18
Pepin	99	94	-	-	4	-	1
Pierce	443	428	1	3	8	2	1
Polk	506	487	1	11	6	-	1
Portage	726	653	4	5	24	26	14
Price	130	127	-	1	-	-	2
Racine	2,623	1,776	361	9	439	3	34
Richland	228	226	-	-	2	-	-
Rock	2,052	1,688	125	1	194	1	42
Rusk	163	157	2	1	1	-	2
St. Croix	1,193	1,133	4	3	28	4	19
Sauk	785	700	5	24	52	1	2
Sawyer	205	141	-	62	2	-	-
Shawano	478	401	4	56	16	-	1
Sheboygan	1,481	1,209	21	7	128	101	15
Taylor	246	238	1	1	6	-	-
Trempealeau	331	302	1	3	24	-	1
Vernon	403	393	-	1	7	-	2
Vilas	164	116	1	44	2	-	1
Walworth	1,209	959	7	7	222	-	12
Washburn	173	164	-	6	3	-	-
Washington	1,495	1,407	9	9	47	-	22
Waukesha	4,108	3,606	38	15	237	10	202
Waupaca	537	519	-	-	16	-	2
Waushara	241	203	-	1	36	-	1
Winnebago	1,826	1,604	21	15	96	51	39
Wood	868	810	3	10	16	20	9

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

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories. Included in the totals are 30 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 2005

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	70,934	76.5%	9.5%	1.5%	8.8%	1.6%	2.1%
Adams	159	96.9	-	1.3	1.9	-	-
Ashland	198	82.3	-	15.2	1.5	-	1.0
Barron	528	94.5	1.5	1.7	1.7	-	0.4
Bayfield	121	82.6	-	15.7	-	-	1.7
Brown	3,332	76.7	2.4	5.1	11.2	2.6	1.9
Buffalo	147	97.3	-	0.7	1.4	-	0.7
Burnett	159	87.4	0.6	11.3	0.6	-	-
Calumet	630	93.2	0.6	0.3	2.9	1.9	1.1
Chippewa	738	96.5	0.4	0.7	1.4	0.8	0.3
Clark	581	94.0	0.2	0.7	4.6	-	0.5
Columbia	691	96.1	0.4	0.1	2.9	0.1	0.3
Crawford	201	97.5	1.0	0.5	0.5	-	0.5
Dane	6,055	74.4	7.7	0.6	10.0	1.4	5.7
Dodge	910	91.1	0.4	0.4	7.6	-	0.4
Door	258	93.0	-	1.9	4.7	-	0.4
Douglas	466	95.9	0.4	1.9	1.1	0.2	0.4
Dunn	511	90.6	0.4	-	2.2	3.7	3.1
Eau Claire	1,178	91.5	0.9	0.8	2.0	3.7	1.1
Florence	37	100.0	-	-	-	-	-
Fond du Lac	1,187	89.2	1.1	0.3	7.2	1.0	1.1
Forest	114	72.8	-	24.6	1.8	-	0.9
Grant	559	96.6	0.4	-	2.3	-	0.7
Green	447	95.5	0.4	0.2	2.7	-	0.9
Green Lake	204	90.2	0.5	-	6.9	1.5	1.0
Iowa	320	97.2	0.3	-	1.6	-	0.9
Iron	45	88.9	-	6.7	2.2	-	2.2
Jackson	237	86.5	-	9.7	2.5	-	0.8
Jefferson	1,028	85.1	0.5	0.2	12.7	0.1	1.3
Juneau	277	95.7	-	2.2	0.7	-	1.4
Kenosha	2,133	73.1	10.1	0.6	14.4	-	1.8
Kewaunee	232	96.1	0.4	-	3.0	-	0.4
La Crosse	1,292	88.1	1.3	0.9	1.3	6.4	1.9
Lafayette	207	96.1	-	0.5	3.4	-	-
Langlade	202	93.1	-	3.0	3.5	0.5	-
Lincoln	275	98.5	-	0.4	0.4	-	0.7
Manitowoc	855	89.5	0.6	0.2	5.6	3.3	0.7
Marathon	1,554	86.3	0.2	0.6	2.8	9.1	0.9
Marinette	460	97.0	-	0.9	2.0	0.2	-
Marquette	182	94.0	-	0.5	5.5	-	-
Menominee	104	2.9	-	93.3	2.9	-	1.0
Milwaukee	14,906	42.2	35.1	0.9	17.0	2.0	2.7
Monroe	615	91.4	0.5	1.5	6.0	-	0.7

(Continued)

Table 2-11. Percent of Births by Race/Ethnicity of Mother and County of Residence, Wisconsin 2005

County	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Oconto	388	97.4	-	1.3	1.0	-	0.3
Oneida	355	94.9	0.3	2.3	1.7	-	0.8
Outagamie	2,291	88.6	0.7	1.6	4.9	2.3	2.0
Ozaukee	852	94.0	0.5	0.6	2.8	-	2.1
Pepin	99	94.9	-	-	4.0	-	1.0
Pierce	443	96.6	0.2	0.7	1.8	0.5	0.2
Polk	506	96.2	0.2	2.2	1.2	-	0.2
Portage	726	89.9	0.6	0.7	3.3	3.6	1.9
Price	130	97.7	-	0.8	-	-	1.5
Racine	2,623	67.7	13.8	0.3	16.7	0.1	1.3
Richland	228	99.1	-	-	0.9	-	-
Rock	2,052	82.3	6.1	0.0	9.5	0.0	2.0
Rusk	163	96.3	1.2	0.6	0.6	-	1.2
St. Croix	1,193	95.0	0.3	0.3	2.3	0.3	1.6
Sauk	785	89.2	0.6	3.1	6.6	0.1	0.3
Sawyer	205	68.8	-	30.2	1.0	-	-
Shawano	478	83.9	0.8	11.7	3.3	-	0.2
Sheboygan	1,481	81.6	1.4	0.5	8.6	6.8	1.0
Taylor	246	96.7	0.4	0.4	2.4	-	-
Trempealeau	331	91.2	0.3	0.9	7.3	-	0.3
Vernon	403	97.5	-	0.2	1.7	-	0.5
Vilas	164	70.7	0.6	26.8	1.2	-	0.6
Walworth	1,209	79.3	0.6	0.6	18.4	-	1.0
Washburn	173	94.8	-	3.5	1.7	-	-
Washington	1,495	94.1	0.6	0.6	3.1	-	1.5
Waukesha	4,108	87.8	0.9	0.4	5.8	0.2	4.9
Waupaca	537	96.6	-	-	3.0	-	0.4
Waushara	241	84.2	-	0.4	14.9	-	0.4
Winnebago	1,826	87.8	1.2	0.8	5.3	2.8	2.1
Wood	868	93.3	0.3	1.2	1.8	2.3	1.0

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

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories. Included in the totals are 30 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 2005

	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	70,934	54,292	6,715	1,039	6,262	1,101	1,495
DHFS Regions							
Southern	13,294	11,097	609	81	993	88	412
Southeastern	28,354	17,276	5,872	197	3,945	317	740
Northeastern	14,686	12,577	164	406	988	349	197
Western	9,360	8,697	57	127	222	158	95
Northern	5,240	4,645	13	228	114	189	51
Perinatal Regions							
South Central	14,927	12,342	619	88	1,338	89	434
Southeast	27,598	16,651	5,881	195	3,720	417	730
Fox Valley	7,098	6,357	54	59	387	131	109
Northeast	6,107	5,011	89	340	473	117	73
Western	8,422	7,833	53	91	193	157	91
North Central	5,415	4,904	16	119	136	189	51
Northwest	1,367	1,194	3	147	15	1	7

Table 2-13. Percent of Births by Race/Ethnicity of Mother and Region, Wisconsin 2005

	Total	White	Black/Afr. American	Amer. Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	70,934	76.5%	9.5%	1.5%	8.8%	1.6%	2.1%
DHFS Regions							
Southern	13,294	83.5	4.6	0.6	7.5	0.7	3.1
Southeastern	28,354	60.9	20.7	0.7	13.9	1.1	2.6
Northeastern	14,686	85.6	1.1	2.8	6.7	2.4	1.3
Western	9,360	92.9	0.6	1.4	2.4	1.7	1.0
Northern	5,240	88.6	0.2	4.4	2.2	3.6	1.0
Perinatal Regions							
South Central	14,927	82.7	4.1	0.6	9.0	0.6	2.9
Southeast	27,598	60.3	21.3	0.7	13.5	1.5	2.6
Fox Valley	7,098	89.6	0.8	0.8	5.5	1.8	1.5
Northeast	6,107	82.1	1.5	5.6	7.7	1.9	1.2
Western	8,422	93.0	0.6	1.1	2.3	1.9	1.1
North Central	5,415	90.6	0.3	2.2	2.5	3.5	0.9
Northwest	1,367	87.3	0.2	10.8	1.1	0.1	0.5

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

Notes: See Technical Notes (page 105) for definition of race/ethnicity categories. Included in the totals are 30 births for which race/ethnicity of mother was not reported. Percents may not add to 100 due to rounding. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104).

Table 2-14. Number of Births by Education of Mother and County of Residence, Wisconsin 2005

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	70,934	2,703	8,180	20,525	16,635	12,727	9,800
Adams	159	2	31	57	42	18	8
Ashland	198	-	28	75	57	28	10
Barron	528	29	58	180	154	70	37
Bayfield	121	-	11	41	32	26	11
Brown	3,332	144	430	909	838	622	380
Buffalo	147	3	9	48	44	29	14
Burnett	159	-	20	67	46	16	10
Calumet	630	9	27	152	164	166	112
Chippewa	738	22	63	241	216	109	86
Clark	581	206	38	170	112	32	23
Columbia	691	18	48	214	193	130	87
Crawford	201	4	11	76	62	26	22
Dane	6,055	191	465	1,188	1,119	1,538	1,518
Dodge	910	15	90	324	261	130	86
Door	258	3	22	85	67	49	32
Douglas	466	-	45	136	160	72	53
Dunn	511	12	26	182	130	87	74
Eau Claire	1,178	50	76	350	297	227	178
Florence	37	-	1	17	11	6	2
Fond du Lac	1,187	31	114	423	296	182	133
Forest	114	-	24	49	27	10	4
Grant	559	42	40	135	184	106	50
Green	447	6	43	140	144	58	55
Green Lake	204	31	23	64	50	21	11
Iowa	320	4	12	89	96	71	48
Iron	45	-	3	13	20	4	5
Jackson	237	21	24	97	61	20	13
Jefferson	1,028	44	92	339	241	178	132
Juneau	277	3	34	128	75	25	11
Kenosha	2,133	62	260	696	518	334	223
Kewaunee	232	2	14	89	70	32	24
La Crosse	1,292	20	76	302	394	237	261
Lafayette	207	12	14	59	59	44	18
Langlade	202	4	31	82	44	20	20
Lincoln	275	3	22	104	74	40	32
Manitowoc	855	12	115	294	223	141	70
Marathon	1,554	58	114	494	429	240	217
Marinette	460	4	56	160	134	56	48
Marquette	182	12	21	77	37	19	16
Menominee	104	2	22	51	24	3	2
Milwaukee	14,906	757	3,125	4,373	2,774	2,116	1,646
Monroe	615	90	60	209	131	63	58

(Continued)

Table 2-14. Number of Births by Education of Mother and County of Residence, Wisconsin 2005

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	388	6	38	128	103	64	49
Oneida	355	-	39	118	101	58	38
Outagamie	2,291	41	153	684	590	446	372
Ozaukee	852	2	24	131	195	299	199
Pepin	99	14	4	26	28	16	11
Pierce	443	1	17	136	126	92	69
Polk	506	2	40	163	158	81	56
Portage	726	11	48	208	195	139	122
Price	130	1	10	56	40	15	8
Racine	2,623	119	423	745	601	426	295
Richland	228	18	24	74	61	28	22
Rock	2,052	71	349	680	475	232	214
Rusk	163	6	19	66	40	15	17
St. Croix	1,193	3	37	251	356	319	216
Sauk	785	32	79	260	196	116	102
Sawyer	205	-	35	73	54	18	19
Shawano	478	23	44	179	134	52	46
Sheboygan	1,481	54	164	503	355	228	173
Taylor	246	18	23	91	66	27	21
Trempealeau	331	30	21	105	95	43	37
Vernon	403	116	18	89	93	49	36
Vilas	164	-	16	63	45	20	19
Walworth	1,209	69	177	339	301	170	148
Washburn	173	1	13	69	48	25	16
Washington	1,495	10	51	402	388	403	240
Waukesha	4,108	41	164	742	868	1,330	959
Waupaca	537	9	50	229	125	71	50
Waushara	241	29	30	87	44	28	22
Winnebago	1,826	34	168	561	394	365	289
Wood	868	14	64	288	250	151	95

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

Notes: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. Included in the totals are 364 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 2005

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	70,934	3.8%	11.5%	28.9%	23.5%	17.9%	13.8%
Adams	159	1.3	19.5	35.8	26.4	11.3	5.0
Ashland	198	-	14.1	37.9	28.8	14.1	5.1
Barron	528	5.5	11.0	34.1	29.2	13.3	7.0
Bayfield	121	-	9.1	33.9	26.4	21.5	9.1
Brown	3,332	4.3	12.9	27.3	25.2	18.7	11.4
Buffalo	147	2.0	6.1	32.7	29.9	19.7	9.5
Burnett	159	-	12.6	42.1	28.9	10.1	6.3
Calumet	630	1.4	4.3	24.1	26.0	26.3	17.8
Chippewa	738	3.0	8.5	32.7	29.3	14.8	11.7
Clark	581	35.5	6.5	29.3	19.3	5.5	4.0
Columbia	691	2.6	6.9	31.0	27.9	18.8	12.6
Crawford	201	2.0	5.5	37.8	30.8	12.9	10.9
Dane	6,055	3.2	7.7	19.6	18.5	25.4	25.1
Dodge	910	1.6	9.9	35.6	28.7	14.3	9.5
Door	258	1.2	8.5	32.9	26.0	19.0	12.4
Douglas	466	-	9.7	29.2	34.3	15.5	11.4
Dunn	511	2.3	5.1	35.6	25.4	17.0	14.5
Eau Claire	1,178	4.2	6.5	29.7	25.2	19.3	15.1
Florence	37	-	2.7	45.9	29.7	16.2	5.4
Fond du Lac	1,187	2.6	9.6	35.6	24.9	15.3	11.2
Forest	114	-	21.1	43.0	23.7	8.8	3.5
Grant	559	7.5	7.2	24.2	32.9	19.0	8.9
Green	447	1.3	9.6	31.3	32.2	13.0	12.3
Green Lake	204	15.2	11.3	31.4	24.5	10.3	5.4
Iowa	320	1.3	3.8	27.8	30.0	22.2	15.0
Iron	45	-	6.7	28.9	44.4	8.9	11.1
Jackson	237	8.9	10.1	40.9	25.7	8.4	5.5
Jefferson	1,028	4.3	8.9	33.0	23.4	17.3	12.8
Juneau	277	1.1	12.3	46.2	27.1	9.0	4.0
Kenosha	2,133	2.9	12.2	32.6	24.3	15.7	10.5
Kewaunee	232	0.9	6.0	38.4	30.2	13.8	10.3
La Crosse	1,292	1.5	5.9	23.4	30.5	18.3	20.2
Lafayette	207	5.8	6.8	28.5	28.5	21.3	8.7
Langlade	202	2.0	15.3	40.6	21.8	9.9	9.9
Lincoln	275	1.1	8.0	37.8	26.9	14.5	11.6
Manitowoc	855	1.4	13.5	34.4	26.1	16.5	8.2
Marathon	1,554	3.7	7.3	31.8	27.6	15.4	14.0
Marinette	460	0.9	12.2	34.8	29.1	12.2	10.4
Marquette	182	6.6	11.5	42.3	20.3	10.4	8.8
Menominee	104	1.9	21.2	49.0	23.1	2.9	1.9
Milwaukee	14,906	5.1	21.0	29.3	18.6	14.2	11.0
Monroe	615	14.6	9.8	34.0	21.3	10.2	9.4

(Continued)

Table 2-15. Percent of Births by Education of Mother and County of Residence, Wisconsin 2005

County	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Oconto	388	1.5	9.8	33.0	26.5	16.5	12.6
Oneida	355	-	11.0	33.2	28.5	16.3	10.7
Outagamie	2,291	1.8	6.7	29.9	25.8	19.5	16.2
Ozaukee	852	0.2	2.8	15.4	22.9	35.1	23.4
Pepin	99	14.1	4.0	26.3	28.3	16.2	11.1
Pierce	443	0.2	3.8	30.7	28.4	20.8	15.6
Polk	506	0.4	7.9	32.2	31.2	16.0	11.1
Portage	726	1.5	6.6	28.7	26.9	19.1	16.8
Price	130	0.8	7.7	43.1	30.8	11.5	6.2
Racine	2,623	4.5	16.1	28.4	22.9	16.2	11.2
Richland	228	7.9	10.5	32.5	26.8	12.3	9.6
Rock	2,052	3.5	17.0	33.1	23.1	11.3	10.4
Rusk	163	3.7	11.7	40.5	24.5	9.2	10.4
St. Croix	1,193	0.3	3.1	21.0	29.8	26.7	18.1
Sauk	785	4.1	10.1	33.1	25.0	14.8	13.0
Sawyer	205	-	17.1	35.6	26.3	8.8	9.3
Shawano	478	4.8	9.2	37.4	28.0	10.9	9.6
Sheboygan	1,481	3.6	11.1	34.0	24.0	15.4	11.7
Taylor	246	7.3	9.3	37.0	26.8	11.0	8.5
Trempealeau	331	9.1	6.3	31.7	28.7	13.0	11.2
Vernon	403	28.8	4.5	22.1	23.1	12.2	8.9
Vilas	164	-	9.8	38.4	27.4	12.2	11.6
Walworth	1,209	5.7	14.6	28.0	24.9	14.1	12.2
Washburn	173	0.6	7.5	39.9	27.7	14.5	9.2
Washington	1,495	0.7	3.4	26.9	26.0	27.0	16.1
Waukesha	4,108	1.0	4.0	18.1	21.1	32.4	23.3
Waupaca	537	1.7	9.3	42.6	23.3	13.2	9.3
Waushara	241	12.0	12.4	36.1	18.3	11.6	9.1
Winnebago	1,826	1.9	9.2	30.7	21.6	20.0	15.8
Wood	868	1.6	7.4	33.2	28.8	17.4	10.9

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

Notes: “Some High School” or “Some College” means the mother completed at least one year of schooling at that level. Included in the totals are 364 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 2005

	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	70,934	2,703	8,180	20,525	16,635	12,727	9,800
DHFS Regions							
Southern	13,294	534	1,258	3,513	3,060	2,571	2,277
Southeastern	28,354	1,104	4,316	7,767	5,886	5,256	3,842
Northeastern	14,686	446	1,491	4,675	3,648	2,545	1,829
Western	9,360	510	646	2,798	2,596	1,553	1,229
Northern	5,240	109	469	1,772	1,445	802	623
Perinatal Regions							
South Central	14,927	527	1,498	4,026	3,447	2,844	2,499
Southeast	27,598	1,045	4,211	7,592	5,699	5,136	3,735
Fox Valley	7,098	196	586	2,277	1,700	1,298	1,005
Northeast	6,107	196	741	1,895	1,593	1,019	651
Western	8,422	417	540	2,455	2,345	1,468	1,168
North Central	5,415	321	449	1,806	1,434	773	618
Northwest	1,367	1	155	474	417	189	124

Table 2-17. Percent of Births by Education of Mother and Region, Wisconsin 2005

	Total	Elementary or Less	Some High School	High School Graduate	Some College	College Graduate	Post Graduate
Total	70,934	3.8%	11.5%	28.9%	23.5%	17.9%	13.8%
DHFS Regions							
Southern	13,294	4.0	9.5	26.4	23.0	19.3	17.1
Southeastern	28,354	3.9	15.2	27.4	20.8	18.5	13.6
Northeastern	14,686	3.0	10.2	31.8	24.8	17.3	12.5
Western	9,360	5.4	6.9	29.9	27.7	16.6	13.1
Northern	5,240	2.1	9.0	33.8	27.6	15.3	11.9
Perinatal Regions							
South Central	14,927	3.5	10.0	27.0	23.1	19.1	16.7
Southeast	27,598	3.8	15.3	27.5	20.7	18.6	13.5
Fox Valley	7,098	2.8	8.3	32.1	24.0	18.3	14.2
Northeast	6,107	3.2	12.1	31.0	26.1	16.7	10.7
Western	8,422	5.0	6.4	29.1	27.8	17.4	13.9
North Central	5,415	5.9	8.3	33.4	26.5	14.3	11.4
Northwest	1,367	0.1	11.3	34.7	30.5	13.8	9.1

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

Notes: "Some High School" or "Some College" means the mother completed at least one year of schooling at that level. Included in the totals are 364 births for which education of mother was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104).

Table 2-18. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2005

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	23,244	86	1,648	3,509	9,528	4,933	2,247	1,043	249
Adams	57	-	6	13	25	7	2	3	1
Ashland	71	-	n/s	14	31	16	5	1	1
Barron	183	-	10	27	84	39	14	6	3
Bayfield	38	-	n/s	8	14	8	1	4	2
Brown	1,061	n/s	69	167	436	219	117	46	5
Buffalo	41	-	6	6	16	6	6	1	-
Burnett	72	n/s	n/s	10	38	8	6	2	3
Calumet	85	-	8	8	35	19	10	4	1
Chippewa	204	n/s	13	27	101	36	15	9	2
Clark	103	-	4	22	43	19	7	8	-
Columbia	166	-	9	22	74	35	12	11	3
Crawford	63	-	n/s	8	30	13	4	2	2
Dane	1,508	5	61	218	586	350	176	83	29
Dodge	258	n/s	15	41	115	55	18	11	2
Door	62	-	n/s	15	28	12	3	2	-
Douglas	183	n/s	7	29	80	38	19	6	3
Dunn	137	-	9	20	56	33	12	7	-
Eau Claire	362	n/s	21	42	170	77	21	26	4
Florence	1	-	-	n/s	-	-	-	-	-
Fond du Lac	334	-	16	65	125	79	32	13	4
Forest	60	-	n/s	12	29	12	2	2	-
Grant	165	-	10	25	75	32	16	6	1
Green	147	-	7	24	62	31	16	6	1
Green Lake	59	-	5	6	31	9	4	3	1
Iowa	77	-	n/s	11	31	18	4	6	4
Iron	8	-	-	-	5	2	-	n/s	-
Jackson	89	-	n/s	18	33	20	9	5	-
Jefferson	295	n/s	17	51	112	65	30	12	6
Juneau	98	-	6	10	44	23	9	6	-
Kenosha	816	n/s	56	107	347	173	84	40	8
Kewaunee	47	-	n/s	8	20	8	5	3	n/s
La Crosse	336	n/s	26	46	136	82	27	15	3
Lafayette	48	-	n/s	6	22	7	7	2	2
Langlade	76	-	n/s	19	32	12	6	2	n/s
Lincoln	81	-	n/s	17	32	17	10	2	-
Manitowoc	250	-	25	34	111	54	16	8	2
Marathon	386	n/s	22	58	160	80	42	20	3
Marinette	135	-	9	28	62	20	11	4	n/s
Marquette	59	-	n/s	10	26	12	4	2	n/s
Menominee	84	-	6	17	34	14	10	3	-
Milwaukee	7,808	49	701	1,148	2,984	1,749	788	313	76
Monroe	156	-	7	32	61	28	19	8	1

(Continued)

Table 2-18. Number of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2005

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Oconto	90	-	4	18	40	14	10	4	-
Oneida	96	-	n/s	20	37	21	6	8	1
Outagamie	481	n/s	29	60	214	99	47	23	7
Ozaukee	109	-	7	15	47	18	13	6	3
Pepin	27	-	-	n/s	14	9	1	2	-
Pierce	100	-	6	18	34	21	14	4	3
Polk	149	-	7	26	64	27	16	7	2
Portage	175	-	11	27	80	35	9	12	1
Price	36	n/s	n/s	8	16	6	4	-	-
Racine	1,056	10	102	166	402	217	108	43	8
Richland	64	-	6	6	32	11	4	5	-
Rock	866	n/s	65	140	363	182	83	23	8
Rusk	40	-	n/s	8	12	7	7	-	2
St. Croix	205	-	9	31	90	34	27	13	1
Sauk	261	n/s	12	38	126	51	22	9	2
Sawyer	89	-	8	18	41	11	8	2	1
Shawano	158	-	6	26	77	34	9	6	-
Sheboygan	390	n/s	27	67	157	84	32	19	2
Taylor	68	-	n/s	16	36	7	4	-	2
Trempealeau	110	-	n/s	15	49	28	6	9	-
Vernon	65	-	n/s	16	30	12	2	2	-
Vilas	70	-	n/s	11	31	11	11	4	-
Walworth	347	n/s	24	40	154	76	30	18	3
Washburn	55	-	5	10	21	14	2	3	-
Washington	250	-	9	33	117	43	26	15	7
Waukesha	631	-	36	79	270	136	57	41	12
Waupaca	144	-	11	21	68	28	11	4	1
Waushara	69	-	9	11	34	5	6	4	-
Winnebago	510	-	33	79	202	111	52	29	3
Wood	264	-	13	35	134	44	21	14	3

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

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

Table 2-19. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2005

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	23,244	0.4%	7.1%	15.1%	41.0%	21.2%	9.7%	4.5%	1.1%
Adams	57	-	10.5	22.8	43.9	12.3	3.5	5.3	1.8
Ashland	71	-	n/s	19.7	43.7	22.5	7.0	1.4	1.4
Barron	183	-	5.5	14.8	45.9	21.3	7.7	3.3	1.6
Bayfield	38	-	n/s	21.1	36.8	21.1	2.6	10.5	5.3
Brown	1,061	n/s	6.5	15.7	41.1	20.6	11.0	4.3	0.5
Buffalo	41	-	14.6	14.6	39.0	14.6	14.6	2.4	-
Burnett	72	n/s	n/s	13.9	52.8	11.1	8.3	2.8	4.2
Calumet	85	-	9.4	9.4	41.2	22.4	11.8	4.7	1.2
Chippewa	204	n/s	6.4	13.2	49.5	17.6	7.4	4.4	1.0
Clark	103	-	3.9	21.4	41.7	18.4	6.8	7.8	-
Columbia	166	-	5.4	13.3	44.6	21.1	7.2	6.6	1.8
Crawford	63	-	n/s	12.7	47.6	20.6	6.3	3.2	3.2
Dane	1,508	0.3	4.0	14.5	38.9	23.2	11.7	5.5	1.9
Dodge	258	n/s	5.8	15.9	44.6	21.3	7.0	4.3	0.8
Door	62	-	n/s	24.2	45.2	19.4	4.8	3.2	-
Douglas	183	n/s	3.8	15.8	43.7	20.8	10.4	3.3	1.6
Dunn	137	-	6.6	14.6	40.9	24.1	8.8	5.1	-
Eau Claire	362	n/s	5.8	11.6	47.0	21.3	5.8	7.2	1.1
Florence	1	-	-	n/s	-	-	-	-	-
Fond du Lac	334	-	4.8	19.5	37.4	23.7	9.6	3.9	1.2
Forest	60	-	n/s	20.0	48.3	20.0	3.3	3.3	-
Grant	165	-	6.1	15.2	45.5	19.4	9.7	3.6	0.6
Green	147	-	4.8	16.3	42.2	21.1	10.9	4.1	0.7
Green Lake	59	-	8.5	10.2	52.5	15.3	6.8	5.1	1.7
Iowa	77	-	n/s	14.3	40.3	23.4	5.2	7.8	5.2
Iron	8	-	-	-	62.5	25.0	-	n/s	-
Jackson	89	-	n/s	20.2	37.1	22.5	10.1	5.6	-
Jefferson	295	n/s	5.8	17.3	38.0	22.0	10.2	4.1	2.0
Juneau	98	-	6.1	10.2	44.9	23.5	9.2	6.1	-
Kenosha	816	n/s	6.9	13.1	42.5	21.2	10.3	4.9	1.0
Kewaunee	47	-	n/s	17.0	42.6	17.0	10.6	6.4	n/s
La Crosse	336	n/s	7.7	13.7	40.5	24.4	8.0	4.5	0.9
Lafayette	48	-	n/s	12.5	45.8	14.6	14.6	4.2	4.2
Langlade	76	-	n/s	25.0	42.1	15.8	7.9	2.6	n/s
Lincoln	81	-	n/s	21.0	39.5	21.0	12.3	2.5	-
Manitowoc	250	-	10.0	13.6	44.4	21.6	6.4	3.2	0.8
Marathon	386	n/s	5.7	15.0	41.5	20.7	10.9	5.2	0.8
Marinette	135	-	6.7	20.7	45.9	14.8	8.1	3.0	n/s
Marquette	59	-	n/s	16.9	44.1	20.3	6.8	3.4	n/s
Menominee	84	-	7.1	20.2	40.5	16.7	11.9	3.6	-
Milwaukee	7,808	0.6	9.0	14.7	38.2	22.4	10.1	4.0	1.0
Monroe	156	-	4.5	20.5	39.1	17.9	12.2	5.1	0.6

(Continued)

Table 2-19. Percent of Births to Unmarried Mothers by Age and County of Residence, Wisconsin 2005

County	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Oconto	90	-	4.4	20.0	44.4	15.6	11.1	4.4	-
Oneida	96	-	n/s	20.8	38.5	21.9	6.3	8.3	1.0
Outagamie	481	n/s	6.0	12.5	44.5	20.6	9.8	4.8	1.5
Ozaukee	109	-	6.4	13.8	43.1	16.5	11.9	5.5	2.8
Pepin	27	-	-	n/s	51.9	33.3	3.7	7.4	-
Pierce	100	-	6.0	18.0	34.0	21.0	14.0	4.0	3.0
Polk	149	-	4.7	17.4	43.0	18.1	10.7	4.7	1.3
Portage	175	-	6.3	15.4	45.7	20.0	5.1	6.9	0.6
Price	36	n/s	n/s	22.2	44.4	16.7	11.1	-	-
Racine	1,056	0.9	9.7	15.7	38.1	20.5	10.2	4.1	0.8
Richland	64	-	9.4	9.4	50.0	17.2	6.3	7.8	-
Rock	866	n/s	7.5	16.2	41.9	21.0	9.6	2.7	0.9
Rusk	40	-	n/s	20.0	30.0	17.5	17.5	-	5.0
St. Croix	205	-	4.4	15.1	43.9	16.6	13.2	6.3	0.5
Sauk	261	n/s	4.6	14.6	48.3	19.5	8.4	3.4	0.8
Sawyer	89	-	9.0	20.2	46.1	12.4	9.0	2.2	1.1
Shawano	158	-	3.8	16.5	48.7	21.5	5.7	3.8	-
Sheboygan	390	n/s	6.9	17.2	40.3	21.5	8.2	4.9	0.5
Taylor	68	-	n/s	23.5	52.9	10.3	5.9	-	2.9
Trempealeau	110	-	n/s	13.6	44.5	25.5	5.5	8.2	-
Vernon	65	-	n/s	24.6	46.2	18.5	3.1	3.1	-
Vilas	70	-	n/s	15.7	44.3	15.7	15.7	5.7	-
Walworth	347	n/s	6.9	11.5	44.4	21.9	8.6	5.2	0.9
Washburn	55	-	9.1	18.2	38.2	25.5	3.6	5.5	-
Washington	250	-	3.6	13.2	46.8	17.2	10.4	6.0	2.8
Waukesha	631	-	5.7	12.5	42.8	21.6	9.0	6.5	1.9
Waupaca	144	-	7.6	14.6	47.2	19.4	7.6	2.8	0.7
Waushara	69	-	13.0	15.9	49.3	7.2	8.7	5.8	-
Winnebago	510	-	6.5	15.5	39.6	21.8	10.2	5.7	0.6
Wood	264	-	4.9	13.3	50.8	16.7	8.0	5.3	1.1

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

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

Table 2-20. Number of Births to Unmarried Mothers by Age and Region, Wisconsin 2005

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	23,244	86	1,648	3,509	9,528	4,933	2,247	1,043	249
DHFS Regions									
Southern	3,843	9	209	578	1,615	827	375	175	55
Southeastern	11,312	64	952	1,639	4,433	2,477	1,136	488	123
Northeastern	4,018	6	265	640	1,700	821	379	177	29
Western	2,552	5	145	388	1,102	526	228	131	27
Northern	1,519	n/s	77	264	678	282	129	72	15
Perinatal Regions									
South Central	4,357	13	243	645	1,821	943	429	201	62
Southeast	11,060	62	938	1,615	4,324	2,420	1,108	477	116
Fox Valley	1,741	n/s	115	260	735	362	166	82	18
Northeast	1,887	n/s	123	313	808	375	181	76	9
Western	2,227	n/s	128	333	968	465	193	116	21
North Central	1,456	n/s	73	254	642	271	129	72	13
Northwest	516	n/s	28	89	230	97	41	19	10

Table 2-21. Percent of Births to Unmarried Mothers by Age and Region, Wisconsin 2005

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40+
Total	23,244	0.4%	7.1%	15.1%	41.0%	21.2%	9.7%	4.5%	1.1%
DHFS Regions									
Southern	3,843	0.2	5.4	15.0	42.0	21.5	9.8	4.6	1.4
Southeastern	11,312	0.6	8.4	14.5	39.2	21.9	10.0	4.3	1.1
Northeastern	4,018	0.1	6.6	15.9	42.3	20.4	9.4	4.4	0.7
Western	2,552	0.2	5.7	15.2	43.2	20.6	8.9	5.1	1.1
Northern	1,519	n/s	5.1	17.4	44.6	18.6	8.5	4.7	1.0
Perinatal Regions									
South Central	4,357	0.3	5.6	14.8	41.8	21.6	9.8	4.6	1.4
Southeast	11,060	0.6	8.5	14.6	39.1	21.9	10.0	4.3	1.0
Fox Valley	1,741	n/s	6.6	14.9	42.2	20.8	9.5	4.7	1.0
Northeast	1,887	n/s	6.5	16.6	42.8	19.9	9.6	4.0	0.5
Western	2,227	n/s	5.7	15.0	43.5	20.9	8.7	5.2	0.9
North Central	1,456	n/s	5.0	17.4	44.1	18.6	8.9	4.9	0.9
Northwest	516	n/s	5.4	17.2	44.6	18.8	7.9	3.7	1.9

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

Notes: For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104). 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 2005

County	Total	Trimester Prenatal Care Began				No Care	Percent That Received First-Trimester Care		
		First	Second	Third	2005		2004	2003	
Total	70,934	60,309	8,183	1,623	430	85.0%	85.1%	84.7%	
Adams	159	121	31	7	-	76.1	79.6	80.7	
Ashland	198	175	19	3	-	88.4	83.2	84.1	
Barron	528	438	71	13	4	83.0	85.2	86.3	
Bayfield	121	108	9	3	1	89.3	87.9	75.7	
Brown	3,332	2,881	359	72	14	86.5	85.3	84.1	
Buffalo	147	136	8	3	-	92.5	90.3	87.3	
Burnett	159	126	21	5	2	79.2	77.8	72.5	
Calumet	630	566	53	10	1	89.8	88.7	88.1	
Chippewa	738	643	77	18	-	87.1	86.8	87.1	
Clark	581	343	174	53	8	59.0	58.9	59.4	
Columbia	691	599	70	16	4	86.7	84.1	87.8	
Crawford	201	167	25	6	3	83.1	76.3	80.4	
Dane	6,055	5,322	580	98	32	87.9	88.0	88.2	
Dodge	910	794	96	16	2	87.3	88.7	87.2	
Door	258	230	22	5	1	89.1	89.2	89.1	
Douglas	466	413	42	8	3	88.6	87.0	87.8	
Dunn	511	424	66	13	4	83.0	85.9	85.5	
Eau Claire	1,178	989	142	38	6	84.0	84.3	85.7	
Florence	37	35	2	-	-	94.6	87.9	89.2	
Fond du Lac	1,187	1,046	105	29	5	88.1	86.5	87.1	
Forest	114	94	17	2	1	82.5	83.3	90.2	
Grant	559	456	76	21	3	81.6	78.1	80.0	
Green	447	399	36	8	3	89.3	90.6	86.9	
Green Lake	204	142	42	17	1	69.6	73.8	74.5	
Iowa	320	289	25	2	1	90.3	91.3	88.0	
Iron	45	43	1	-	1	95.6	95.2	83.0	
Jackson	237	162	53	17	4	68.4	77.0	77.5	
Jefferson	1,028	890	106	22	3	86.6	85.9	87.8	
Juneau	277	230	33	14	-	83.0	80.9	82.5	
Kenosha	2,133	1,849	217	35	10	86.7	85.9	86.7	
Kewaunee	232	215	9	7	1	92.7	86.0	90.6	
La Crosse	1,292	1,105	155	28	4	85.5	83.8	86.0	
Lafayette	207	169	29	7	1	81.6	78.9	80.3	
Langlade	202	173	24	4	1	85.6	84.7	85.8	
Lincoln	275	233	32	5	1	84.7	90.2	82.4	
Manitowoc	855	707	122	16	7	82.7	89.1	88.0	
Marathon	1,554	1,291	222	29	9	83.1	80.5	79.8	
Marinette	460	378	68	11	2	82.2	83.9	83.2	
Marquette	182	145	31	5	1	79.7	78.2	70.9	
Menominee	104	70	29	4	1	67.3	70.6	65.6	
Milwaukee	14,906	12,103	2,137	352	171	81.2	82.4	80.4	
Monroe	615	449	99	53	8	73.0	73.3	76.6	

(Continued)

Table 2-22. Births by Trimester Prenatal Care Began and County of Residence, Wisconsin 2005

County	Total	Trimester Prenatal Care Began			No Care	Percent That Received First-Trimester Care		
		First	Second	Third		2005	2004	2003
Oconto	388	349	32	6	1	89.9	90.3	84.4
Oneida	355	324	25	3	1	91.3	89.8	90.0
Outagamie	2,291	2,022	209	53	6	88.3	89.0	86.7
Ozaukee	852	792	46	10	-	93.0	95.2	95.1
Pepin	99	70	13	14	1	70.7	78.0	77.2
Pierce	443	386	37	7	3	87.1	88.2	89.4
Polk	506	425	64	7	3	84.0	83.9	83.0
Portage	726	645	68	11	2	88.8	84.4	85.1
Price	130	106	21	3	-	81.5	83.2	83.7
Racine	2,623	2,167	333	83	16	82.6	82.8	82.6
Richland	228	184	28	9	2	80.7	80.5	81.0
Rock	2,052	1,781	220	28	15	86.8	87.6	88.0
Rusk	163	139	16	7	1	85.3	81.3	79.4
St. Croix	1,193	1,049	109	9	1	87.9	89.1	87.1
Sauk	785	671	96	16	1	85.5	84.8	85.2
Sawyer	205	172	28	4	1	83.9	75.0	73.9
Shawano	478	392	72	12	1	82.0	78.0	81.0
Sheboygan	1,481	1,305	150	20	2	88.1	86.3	86.8
Taylor	246	194	43	4	2	78.9	73.8	78.1
Trempealeau	331	272	38	16	3	82.2	81.3	84.3
Vernon	403	251	77	69	3	62.3	64.6	65.5
Vilas	164	141	17	5	-	86.0	79.8	82.3
Walworth	1,209	1,016	155	29	4	84.0	83.3	82.3
Washburn	173	144	24	1	1	83.2	85.7	85.8
Washington	1,495	1,392	81	12	5	93.1	92.7	92.0
Waukesha	4,108	3,868	186	32	7	94.2	94.4	95.1
Waupaca	537	450	72	12	3	83.8	85.4	81.7
Waushara	241	184	43	10	4	76.3	69.6	78.1
Winnebago	1,826	1,575	187	44	14	86.3	84.9	85.7
Wood	868	695	158	12	3	80.1	79.2	81.8

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

Notes: Included in the totals are 389 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 2005

	Total	Trimester Prenatal Care Began				Percent That Received First-Trimester Care		
		First	Second	Third	No Care	2005	2004	2003
Total	70,934	60,309	8,183	1,623	430	85.0%	85.1%	84.7%
DHFS Regions								
Southern	13,294	11,433	1,422	317	70	86.0	85.8	86.2
Southeastern	28,354	24,077	3,261	575	216	84.9	85.7	84.7
Northeastern	14,686	12,657	1,605	333	65	86.2	85.7	85.1
Western	9,360	7,713	1,209	310	56	82.4	82.8	83.4
Northern	5,240	4,429	686	88	23	84.5	82.2	82.2
Perinatal Regions								
South Central	14,927	12,921	1,581	293	71	86.6	86.4	86.6
Southeast	27,598	23,476	3,150	544	211	85.1	85.8	84.8
Fox Valley	7,098	6,130	742	180	35	86.4	85.8	85.1
Northeast	6,107	5,222	713	133	28	85.5	85.4	84.6
Western	8,422	6,966	1,034	311	47	82.7	83.2	83.9
North Central	5,415	4,413	819	138	29	81.5	79.7	80.2
Northwest	1,367	1,181	144	24	9	86.4	84.0	82.6

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

Notes: Included in the totals are 389 births for which prenatal care initiation was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104).

Table 2-24. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2005

County	Total	Number of Prenatal Care Visits					Percent of Births With <10 Visits
		No Visits	1-4	5-9	10-12	13+	
Total	70,934	430	1,896	12,821	31,104	24,030	21.4%
Adams	159	-	8	44	66	41	32.7
Ashland	198	-	2	28	87	79	15.2
Barron	528	4	14	92	278	136	20.8
Bayfield	121	1	2	19	56	43	18.2
Brown	3,332	14	79	618	1,461	1,144	21.3
Buffalo	147	-	4	17	58	68	14.3
Burnett	159	2	7	37	63	46	28.9
Calumet	630	1	14	111	341	163	20.0
Chippewa	738	-	34	302	254	148	45.5
Clark	581	8	79	198	179	114	49.1
Columbia	691	4	8	133	305	227	21.0
Crawford	201	3	5	33	110	48	20.4
Dane	6,055	32	89	1,113	2,637	2,135	20.4
Dodge	910	2	18	151	420	308	18.8
Door	258	1	6	54	103	94	23.6
Douglas	466	3	14	106	231	112	26.4
Dunn	511	4	11	130	226	131	28.4
Eau Claire	1,178	6	45	246	464	412	25.2
Florence	37	-	-	7	11	19	18.9
Fond du Lac	1,187	5	37	514	459	166	46.8
Forest	114	1	3	23	46	40	23.7
Grant	559	3	27	101	267	159	23.4
Green	447	3	9	68	188	177	17.9
Green Lake	204	1	6	53	76	68	29.4
Iowa	320	1	8	87	148	75	30.0
Iron	45	1	-	4	14	26	11.1
Jackson	237	4	23	62	79	68	37.6
Jefferson	1,028	3	12	132	522	351	14.3
Juneau	277	-	9	58	120	90	24.2
Kenosha	2,133	10	36	285	951	772	15.5
Kewaunee	232	1	5	28	108	89	14.7
La Crosse	1,292	4	23	323	467	474	27.1
Lafayette	207	1	9	43	87	67	25.6
Langlade	202	1	6	50	97	48	28.2
Lincoln	275	1	8	49	125	91	21.1
Manitowoc	855	7	7	112	409	315	14.7
Marathon	1,554	9	37	350	712	440	25.5
Marinette	460	2	4	84	183	185	19.6
Marquette	182	1	4	52	81	42	31.3
Menominee	104	1	5	37	44	13	41.3
Milwaukee	14,906	171	504	2,763	5,974	5,325	23.1
Monroe	615	8	71	121	215	195	32.5

(Continued)

Table 2-24. Births by Number of Prenatal Care Visits and County of Residence, Wisconsin 2005

County	Total	Number of Prenatal Care Visits					Percent of Births With <10 Visits
		No Visits	1-4	5-9	10-12	13+	
Oconto	388	1	8	65	195	118	19.1
Oneida	355	1	8	34	145	166	12.1
Outagamie	2,291	6	37	425	1,155	657	20.4
Ozaukee	852	-	12	72	423	340	9.9
Pepin	99	1	11	25	36	25	37.4
Pierce	443	3	11	85	192	143	22.3
Polk	506	3	7	97	203	185	21.1
Portage	726	2	12	96	304	308	15.2
Price	130	-	3	25	67	35	21.5
Racine	2,623	16	59	388	1,147	961	17.7
Richland	228	2	14	40	108	59	24.6
Rock	2,052	15	29	228	1,096	670	13.3
Rusk	163	1	13	58	74	17	44.2
St. Croix	1,193	1	22	246	600	295	22.5
Sauk	785	1	21	125	374	258	18.7
Sawyer	205	1	5	86	82	31	44.9
Shawano	478	1	16	117	209	132	28.0
Sheboygan	1,481	2	20	239	699	511	17.6
Taylor	246	2	13	50	95	83	26.4
Trempealeau	331	3	21	69	122	113	28.1
Vernon	403	3	99	83	103	114	45.9
Vilas	164	-	7	30	52	75	22.6
Walworth	1,209	4	25	262	582	330	24.1
Washburn	173	1	3	27	96	45	17.9
Washington	1,495	5	9	85	599	787	6.6
Waukesha	4,108	7	22	294	2,011	1,746	7.9
Waupaca	537	3	15	118	246	153	25.3
Waushara	241	4	6	56	94	76	27.4
Winnebago	1,826	14	37	293	816	649	18.8
Wood	868	3	39	165	457	204	23.8

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

Notes: Included in the totals are 653 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 2005

	Total	Number of Prenatal Care Visits					Percent of Births With <10 Visits
		No Visits	1-4	5-9	10-12	13+	
Total	70,934	430	1,896	12,821	31,104	24,030	21.4%
DHFS Regions							
Southern	13,294	70	353	2,307	6,029	4,428	20.5
Southeastern	28,354	216	679	4,281	12,209	10,612	18.3
Northeastern	14,686	65	306	2,976	6,679	4,575	22.8
Western	9,360	56	413	2,241	3,837	2,727	29.0
Northern	5,240	23	145	1,016	2,350	1,688	22.6
Perinatal Regions							
South Central	14,927	71	286	2,585	6,920	4,947	19.7
Southeast	27,598	211	662	4,126	11,804	10,442	18.1
Fox Valley	7,098	35	156	1,622	3,268	1,974	25.5
Northeast	6,107	28	130	1,115	2,712	2,090	20.8
Western	8,422	47	401	1,931	3,407	2,555	28.2
North Central	5,415	29	228	1,135	2,364	1,640	25.7
Northwest	1,367	9	33	307	629	382	25.5

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

Notes: Included in the totals are 653 births for which number of prenatal care visits was not reported. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104).

Table 2-26. Births by Birthweight and County of Residence, Wisconsin 2005

County	Total Births	<1,500 Grams	1,500-	2,500+	Total	Percent	
			2,499 Grams		<2,500 Grams	Low Birthweight 2005	2004
Total	70,934	925	4,067	65,930	4,992	7.0%	7.0%
Adams	159	4	14	141	18	11.3	5.6
Ashland	198	1	9	188	10	5.1	3.8
Barron	528	7	27	494	34	6.4	5.1
Bayfield	121	1	6	114	7	5.8	8.6
Brown	3,332	34	187	3,111	221	6.6	7.1
Buffalo	147	1	7	139	8	5.4	4.5
Burnett	159	2	12	145	14	8.8	2.8
Calumet	630	4	29	597	33	5.2	6.1
Chippewa	738	5	30	703	35	4.7	6.5
Clark	581	5	24	552	29	5.0	6.2
Columbia	691	4	31	656	35	5.1	5.5
Crawford	201	-	10	191	10	5.0	6.8
Dane	6,055	56	337	5,661	393	6.5	6.0
Dodge	910	23	43	844	66	7.3	6.5
Door	258	2	16	240	18	7.0	4.3
Douglas	466	5	24	437	29	6.2	5.6
Dunn	511	5	25	481	30	5.9	4.9
Eau Claire	1,178	14	61	1,102	75	6.4	7.9
Florence	37	-	2	35	2	5.4	-
Fond du Lac	1,187	14	69	1,104	83	7.0	7.0
Forest	114	-	7	106	7	6.1	6.5
Grant	559	4	26	529	30	5.4	5.6
Green	447	2	24	421	26	5.8	6.9
Green Lake	204	-	10	194	10	4.9	6.6
Iowa	320	4	13	303	17	5.3	5.4
Iron	45	1	1	43	2	4.4	7.1
Jackson	237	3	14	220	17	7.2	8.2
Jefferson	1,028	9	53	966	62	6.0	6.4
Juneau	277	3	20	253	23	8.3	3.4
Kenosha	2,133	23	142	1,968	165	7.7	8.0
Kewaunee	232	1	6	225	7	3.0	7.2
La Crosse	1,292	10	65	1,217	75	5.8	6.4
Lafayette	207	-	15	192	15	7.2	5.8
Langlade	202	2	15	185	17	8.4	4.6
Lincoln	275	4	12	259	16	5.8	5.1
Manitowoc	855	13	37	805	50	5.8	6.5
Marathon	1,554	17	84	1,453	101	6.5	7.1
Marinette	460	3	25	432	28	6.1	8.3
Marquette	182	5	20	157	25	13.7	10.9
Menominee	104	1	8	95	9	8.7	6.9
Milwaukee	14,906	341	1,083	13,481	1,424	9.6	9.0
Monroe	615	3	35	577	38	6.2	7.5

(Continued)

Table 2-26. Births by Birthweight and County of Residence, Wisconsin 2005

County	Total Births	<1,500 Grams	1,500-	2,500+	Total	Percent	
			2,499 Grams		<2,500 Grams	Low Birthweight 2005	2004
Oconto	388	4	29	355	33	8.5	4.5
Oneida	355	8	26	321	34	9.6	9.3
Outagamie	2,291	30	133	2,127	163	7.1	6.9
Ozaukee	852	7	38	807	45	5.3	5.0
Pepin	99	-	6	93	6	6.1	7.7
Pierce	443	4	18	421	22	5.0	5.8
Polk	506	10	27	469	37	7.3	5.3
Portage	726	5	32	689	37	5.1	4.6
Price	130	-	3	127	3	2.3	8.0
Racine	2,623	36	152	2,433	188	7.2	7.3
Richland	228	4	9	215	13	5.7	7.4
Rock	2,052	20	116	1,915	136	6.6	8.2
Rusk	163	3	9	151	12	7.4	6.0
St. Croix	1,193	14	47	1,132	61	5.1	5.7
Sauk	785	8	41	736	49	6.2	6.7
Sawyer	205	2	19	184	21	10.2	4.9
Shawano	478	1	26	451	27	5.6	5.9
Sheboygan	1,481	10	71	1,400	81	5.5	6.1
Taylor	246	3	12	231	15	6.1	6.3
Trempealeau	331	3	15	313	18	5.4	5.8
Vernon	403	2	14	385	16	4.0	5.3
Vilas	164	2	8	154	10	6.1	3.7
Walworth	1,209	14	65	1,130	79	6.5	6.5
Washburn	173	3	9	161	12	6.9	8.9
Washington	1,495	12	89	1,394	101	6.8	4.1
Waukesha	4,108	44	189	3,875	233	5.7	6.5
Waupaca	537	3	27	507	30	5.6	7.0
Waushara	241	2	19	220	21	8.7	8.1
Winnebago	1,826	24	94	1,707	118	6.5	6.9
Wood	868	11	46	811	57	6.6	6.4

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

Notes: Included in the totals are 12 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 2005

	Total Births	<1,500 Grams	1,500-2,499 Grams	2,500+ Grams	Total <2,500 Grams	Percent Low Birthweight	
						2005	2004
Total	70,934	925	4,067	65,930	4,992	7.0%	7.0%
DHFS Regions							
Southern	13,294	134	713	12,442	847	6.4	6.3
Southeastern	28,354	486	1,811	26,054	2,297	8.1	7.8
Northeastern	14,686	151	806	13,727	957	6.5	6.8
Western	9,360	97	455	8,807	552	5.9	6.3
Northern	5,240	57	282	4,900	339	6.5	6.2
Perinatal Regions							
South Central	14,927	155	807	13,962	962	6.4	6.4
Southeast	27,598	473	1,764	25,358	2,237	8.1	7.8
Fox Valley	7,098	82	401	6,613	483	6.8	7.0
Northeast	6,107	59	334	5,714	393	6.4	6.7
Western	8,422	81	401	7,937	482	5.7	6.3
North Central	5,415	60	280	5,074	340	6.3	6.3
Northwest	1,367	15	80	1,272	95	6.9	5.7

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

Notes: Included in the totals are 12 births for which birthweight was not reported. Infants weighing less than 2,500 grams or 5.5 pounds at birth are considered low birthweight. Infants weighing less than 1,500 grams or 3.3 pounds at birth are considered very low birthweight. For maps of the Department of Health and Family Services (DHFS) and Perinatal Regions, see Technical Notes (pages 103 and 104).

Table 2-28. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2005

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	363	319	150	469
Adams	1	1	1	2
Ashland	1	-	1	1
Barron	2	2	1	3
Bayfield	-	-	1	1
Brown	16	13	8	21
Buffalo	-	1	-	1
Burnett	1	-	-	-
Calumet	2	-	-	-
Chippewa	3	4	1	5
Clark	8	2	2	4
Columbia	4	-	-	-
Crawford	-	-	-	-
Dane	32	17	7	24
Dodge	4	7	3	10
Door	4	3	-	3
Douglas	-	2	2	4
Dunn	1	1	-	1
Eau Claire	5	7	-	7
Florence	-	-	-	-
Fond du Lac	3	5	1	6
Forest	-	-	-	-
Grant	3	4	-	4
Green	1	3	-	3
Green Lake	2	-	-	-
Iowa	1	3	-	3
Iron	-	-	1	1
Jackson	1	-	4	4
Jefferson	2	4	2	6
Juneau	2	2	1	3
Kenosha	11	7	3	10
Kewaunee	-	1	-	1
La Crosse	4	2	7	9
Lafayette	1	1	-	1
Langlade	1	-	-	-
Lincoln	4	1	-	1
Manitowoc	5	5	1	6

(Continued)

Table 2-28. Fetal, Neonatal, Postneonatal and Infant Deaths by County of Residence, Wisconsin 2005

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	9	5	14
Marinette	2	2	1	3
Marquette	3	2	-	2
Menominee	-	-	-	-
Milwaukee	95	92	52	144
Monroe	2	5	1	6
Oconto	3	1	1	2
Oneida	3	3	-	3
Outagamie	12	6	1	7
Ozaukee	2	5	-	5
Pepin	-	-	-	-
Pierce	-	-	-	-
Polk	4	2	1	3
Portage	4	1	3	4
Price	2	-	1	1
Racine	18	20	6	26
Richland	1	-	-	-
Rock	8	8	3	11
Rusk	1	2	-	2
St. Croix	4	5	3	8
Sauk	5	4	-	4
Sawyer	-	3	-	3
Shawano	1	-	-	-
Sheboygan	10	2	3	5
Taylor	-	3	-	3
Trempealeau	1	3	2	5
Vernon	4	2	-	2
Vilas	-	-	-	-
Walworth	2	9	2	11
Washburn	-	1	1	2
Washington	6	2	-	2
Waukesha	16	17	5	22
Waupaca	4	2	-	2
Waushara	1	-	1	1
Winnebago	10	9	6	15
Wood	6	1	5	6
Unknown	-	-	-	-

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

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

Table 2-29. Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2005

	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	363	319	150	469
DHFS Region				
Southern	67	52	15	67
Southeastern	152	156	70	226
Northeastern	78	51	23	74
Western	37	39	25	64
Northern	29	21	17	38
Perinatal Regions				
South Central	67	63	19	82
Southeast	158	145	69	214
Fox Valley	37	24	9	33
Northeast	31	25	11	36
Western	31	34	20	54
North Central	37	22	16	38
Northwest	2	6	6	12

Table 2-30. Rates of Fetal, Neonatal, Postneonatal and Infant Deaths by Region, Wisconsin 2005

	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	5.1	4.5	2.1	6.6
DHFS Region				
Southern	5.0	3.9	-	5.0
Southeastern	5.3	5.5	2.5	8.0
Northeastern	5.3	3.5	1.6	5.0
Western	3.9	4.2	2.7	6.8
Northern	5.5	4.0	-	7.3
Perinatal Regions				
South Central	4.5	4.2	-	5.5
Southeast	5.7	5.3	2.5	7.8
Fox Valley	5.2	3.4	-	4.6
Northeast	5.1	4.1	-	5.9
Western	3.7	4.0	2.4	6.4
North Central	6.8	4.1	-	7.0
Northwest	-	-	-	-

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

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

Table 2-31. Fetal, Neonatal, Postneonatal and Infant Deaths by Selected Places, Wisconsin 2005

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	9	1	-	1
Beloit	-	3	1	4
Brookfield	1	1	-	1
Caledonia (V)	1	1	1	2
De Pere	3	1	-	1
Eau Claire	3	4	-	4
Fitchburg	-	-	1	1
Fond du Lac	1	3	1	4
Franklin	2	1	1	2
Grand Chute	1	1	-	1
Green Bay	10	7	7	14
Greenfield	4	1	1	2
Janesville	4	4	1	5
Kenosha	8	6	2	8
La Crosse	4	1	5	6
Madison	21	12	5	17
Manitowoc	4	3	-	3
Menomonee Falls (V)	1	1	1	2
Mequon/Thiensville	-	-	-	-
Milwaukee	76	77	47	124
Mount Pleasant (T)	1	-	-	-
Muskego	-	-	1	1
Neenah/Menasha	3	5	1	6
New Berlin	1	1	-	1
Oak Creek	-	3	-	3
Oshkosh	4	3	3	6
Racine	15	13	3	16
Sheboygan	9	2	2	4
South Milwaukee	-	1	-	1
Stevens Point	-	-	1	1
Sun Prairie	3	1	1	2
Superior	-	-	2	2
Watertown	1	3	-	3
Waukesha	6	5	2	7
Wausau	2	1	3	4
Wauwatosa	2	4	1	5
West Allis	4	1	1	2
West Bend	4	-	-	-

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

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

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2005

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 1980-2005

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 1980-2005

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 1980-2005

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 1980-2005

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

(Continued)

Table 3-1. Number of Births by County of Residence, Wisconsin 1980-2005

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

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

Notes: In Wisconsin counties close to the Michigan border, births for 1990 are underreported to an unknown extent since Michigan did not report Wisconsin resident births for that year. In particular, all 1990 births among Florence County residents occurred in Michigan. Numbers of births for 1996 reported here are slightly different from those published in the 1996 report because other states filed 74 duplicate records for Wisconsin residents. The 2004 births total has been corrected (see note, Figure 1). A dash (-) indicates there were no births in that category.

Table 3-2. Number and Rate of Births by Age of Mother, Wisconsin 1985-2005

Year		Crude Rate	Age of Mother					
			Total	<15	15-17	18-19	<20	20-24
1985	Number		73,647	123	2,389	4,976	7,488	22,021
	Rate	15.4	64.2		21.7	62.4	39.4	101.9
1986	Number		72,229	121	2,340	4,679	7,140	20,342
	Rate	15.1	63.9		20.9	60.6	37.8	103.3
1987	Number		70,907	114	2,369	4,425	6,908	19,015
	Rate	14.7	63.7		21.6	58.0	37.1	103.9
1988	Number		70,711	133	2,322	4,486	6,941	18,018
	Rate	14.6	62.6		22.8	59.5	39.2	94.2
1989	Number		71,890	141	2,416	4,707	7,264	17,800
	Rate	14.8	63.8		25.4	62.5	42.6	96.8
1990	Number		72,636	148	2,337	4,925	7,410	17,477
	Rate	14.8	64.5		24.3	65.7	43.3	96.2
1991	Number		72,039	147	2,440	4,828	7,415	17,407
	Rate	14.6	63.4		24.9	71.1	44.7	94.9
1992	Number		70,662	159	2,427	4,622	7,208	16,597
	Rate	14.2	62.2		23.9	70.1	43.0	91.7
1993	Number		69,760	175	2,481	4,576	7,232	16,056
	Rate	13.8	61.4		23.8	67.7	42.0	90.9
1994	Number		68,267	161	2,497	4,379	7,037	15,331
	Rate	13.4	59.9		23.0	63.8	39.7	89.5
1995	Number		67,493	182	2,549	4,379	7,110	14,874
	Rate	13.2	58.9		22.5	62.7	38.8	88.7
1996	Number		67,076	143	2,507	4,453	7,103	14,331
	Rate	13.0	58.2		21.4	61.9	37.5	87.4
1997	Number		66,490	163	2,541	4,384	7,088	13,972
	Rate	12.7	57.6		21.1	58.5	36.3	84.8
1998	Number		67,379	111	2,366	4,570	7,047	14,632
	Rate	12.8	58.1		19.4	57.7	35.1	86.8
1999	Number		68,181	116	2,432	4,760	7,308	14,986
	Rate	12.9	58.8		20.2	57.4	36.0	86.9
2000	Number		69,289	99	2,225	4,753	7,077	15,606
	Rate	12.9	59.9		19.6	59.4	35.7	89.2
2001	Number		69,012	80	2,167	4,602	6,849	15,951
	Rate	12.7	59.0		18.8	56.9	34.2	90.2
2002	Number		68,510	108	1,898	4,528	6,534	15,688
	Rate	12.6	58.7		17.0	55.5	32.7	80.7
2003	Number		69,999	85	1,861	4,371	6,317	16,011
	Rate	12.7	60.4		16.3	54.6	31.6	80.9
2004	Number		70,130	91	1,856	4,230	6,086	16,304
	Rate	12.7	60.3		15.7	52.1	30.5	81.0
2005	Number		70,934	86	1,776	4,231	6,093	16,430
	Rate	12.7	61.2		15.6	52.5	30.5	81.5

(Continued)

Table 3-2. Number and Rate of Births by Age of Mother, Wisconsin 1985-2005

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

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

Notes: Rates shown for ages 15-17 include births to mothers less than 15 years old, with population ages 15-17. Rates shown for ages <20 include births to mothers less than 15 years old, with population ages 15-19. Rates shown for ages 40+ include births to mothers ages 45 or older, with population ages 40-44.

Table 3-3. Total Births and Births to Teenagers and Unmarried Mothers, Wisconsin 1980-2005

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

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

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

** Percentages are based on total live births.

Table 3-4. Births by Selected Birth Indicators, Wisconsin 1980-2005

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

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

* Percentages are based on total live births.

** Rates are per 1,000 live births.

Notes: "Premature" means less than 37 weeks of gestation. Since 1980, gestational age has been calculated as the difference between the date of last normal menses and the date of delivery. Since 1993, clinical estimate of gestation has been substituted when date of last normal menses is unknown. 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 is 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. (See Figure 19, page 27.) Caution is advised in making comparisons between data for 1989-2005 and data for the years before 1989.

See Technical Notes (page 105) regarding comparability of data on congenital anomalies since 1989.

Table 3-5. Infant, Neonatal, Fetal and Perinatal Deaths and Mortality Rates, Wisconsin 1980-2005

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	n/a	653	9.3	n/a
2004	420	6.0	n/a	280	4.0	n/a	352	5.0	n/a	632	9.0	n/a
2005	469	6.6	n/a	319	4.5	n/a	363	5.1	n/a	682	9.6	n/a

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

* Rates are per 1,000 live births.

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

n/a not available

Notes: U.S. rates of perinatal death for the years 1992-1997 are from the National Center for Health Statistics (unpublished data). See Technical Notes (page 106) for definition of perinatal deaths.

Table 3-6. Infant Deaths and Mortality Rates by Race/Ethnicity, Wisconsin 1985-2005

Year	White			African American			Hispanic			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	n/a	125	19.2	n/a	30	5.1	n/a	420	6.0	n/a
2005	302	5.6	n/a	101	15.0	n/a	42	6.7	n/a	469	6.6	n/a

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

* Rates are per 1,000 live births.

- Rates 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 105) 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, Menacker F, MacDorman MF. Infant mortality statistics from the 2003 period linked birth/infant death data set. National Vital Statistics Reports; vol. 54, no. 16. Hyattsville, Maryland: National Center for Health Statistics. 2006.

Table 4-1. Number of Births by Age of Mother and Selected Characteristics, Wisconsin 2005

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Total	70,934	86	1,776	4,231	16,430	21,305	17,387	8,070	1,564	75
Education										
Elem. or Less	2,703	70	148	126	757	715	495	286	96	10
Some H.S.	8,180	13	1,469	1,456	2,855	1,466	623	249	48	1
H.S. Grad	20,525	-	140	2,308	7,485	5,744	3,056	1,470	312	9
Some College	16,635	-	2	303	4,161	5,797	4,202	1,810	349	11
College Grad	12,727	-	-	-	814	4,548	4,756	2,189	402	18
Post-Grad	9,800	1	1	2	262	2,942	4,196	2,030	342	23
Unknown	364	2	16	36	96	93	59	36	15	3
Marital Status										
Married	47,682	-	128	722	6,902	16,372	15,140	7,027	1,328	62
Unmarried	23,244	86	1,648	3,509	9,528	4,933	2,247	1,043	236	13
Unknown	8	-	-	-	-	-	-	-	-	-
Trimester Prenatal Care Began										
First	60,309	32	1,087	3,123	13,042	18,868	15,667	7,141	1,290	56
Second	8,183	39	530	872	2,676	1,905	1,282	688	179	12
Third	1,623	9	109	154	503	350	281	150	63	4
None	430	4	33	43	117	82	79	44	21	2
Unknown	389	2	17	39	92	100	78	47	11	1
Number of Prenatal Care Visits										
No Visits	430	4	33	43	117	82	79	44	21	2
1-4	1,896	11	102	146	612	440	328	190	62	4
5-9	12,821	26	517	1,057	3,514	3,500	2,585	1,325	282	15
10-12	31,104	29	677	1,692	6,817	9,581	7,999	3,610	667	30
13+	24,030	14	424	1,234	5,195	7,544	6,248	2,832	516	23
Unknown	653	2	23	59	175	158	148	69	16	1
Smoked During Pregnancy										
No	61,216	82	1,524	3,213	12,751	18,661	16,073	7,409	1,427	71
Yes	9,503	4	247	1,009	3,621	2,601	1,262	626	128	4
Unknown	215	-	5	9	58	43	52	35	9	-
Live Birth Order										
1	27,747	85	1,604	3,288	8,026	8,306	4,494	1,675	247	15
2	23,403	1	157	777	5,503	7,233	6,713	2,587	417	12
3	11,744	-	15	143	2,018	3,574	3,687	1,971	327	9
4	4,625	-	-	21	644	1,368	1,406	969	207	10
5+	3,405	-	-	2	238	824	1,082	865	365	29
Unknown	10	-	-	-	1	-	5	3	1	-
Plurality										
Single Birth	68,655	86	1,755	4,164	16,084	20,649	16,658	7,680	1,504	65
Multiple Birth	2,279	-	21	67	346	656	729	390	60	10
Prematurity										
Full-Term (37+ Weeks)	62,894	61	1,493	3,669	14,606	19,057	15,525	7,086	1,330	60
Premature (<37 Weeks)	8,033	25	283	562	1,824	2,244	1,861	983	234	15
Unknown	7	-	-	-	-	4	1	1	-	-
Attendant at Birth										
Physician, M.D.	63,278	72	1,501	3,723	14,319	18,984	15,835	7,379	1,395	65
Physician, D.O.	2,148	-	62	130	535	655	511	207	46	2
Cert. Nurse Midwife	4,401	14	204	358	1,313	1,344	797	320	49	2
Other Midwife	728	-	1	3	161	217	167	118	55	6
Other	378	-	8	17	102	105	77	46	19	-
Unknown	1	-	-	-	-	-	-	-	-	-

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

Notes: Included in the totals are 10 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 2005

	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	81.4	8.3	3.0	4.6	3.4	2.8	3.5	6.1	13.3
Some H.S.	11.5	15.1	82.7	34.4	17.4	6.9	3.6	3.1	3.1	1.3
H.S. Grad	28.9	-	7.9	54.5	45.6	27.0	17.6	18.2	19.9	12.0
Some College	23.5	-	0.1	7.2	25.3	27.2	24.2	22.4	22.3	14.7
College Grad	17.9	-	-	-	5.0	21.3	27.4	27.1	25.7	24.0
Post-Grad	13.8	1.2	0.1	0.0	1.6	13.8	24.1	25.2	21.9	30.7
Unknown	0.5	2.3	0.9	0.9	0.6	0.4	0.3	0.4	1.0	4.0
Marital Status										
Married	67.2	-	7.2	17.1	42.0	76.8	87.1	87.1	84.9	82.7
Unmarried	32.8	100.0	92.8	82.9	58.0	23.2	12.9	12.9	15.1	17.3
Unknown	0.0	-	-	-	-	-	-	-	-	-
Trimester Prenatal Care Began										
First	85.0	37.2	61.2	73.8	79.4	88.6	90.1	88.5	82.5	74.7
Second	11.5	45.3	29.8	20.6	16.3	8.9	7.4	8.5	11.4	16.0
Third	2.3	10.5	6.1	3.6	3.1	1.6	1.6	1.9	4.0	5.3
None	0.6	4.7	1.9	1.0	0.7	0.4	0.5	0.5	1.3	2.7
Unknown	0.5	2.3	1.0	0.9	0.6	0.5	0.4	0.6	0.7	1.3
Number of Prenatal Care Visits										
No Visits	0.6	4.7	1.9	1.0	0.7	0.4	0.5	0.5	1.3	2.7
1-4	2.7	12.8	5.7	3.3	3.7	2.1	1.9	2.4	4.0	5.3
5-9	18.1	30.2	29.1	25.0	21.4	16.4	14.9	16.4	18.0	20.0
10-12	43.8	33.7	38.1	40.0	41.5	45.0	46.0	44.7	42.6	40.0
13+	33.9	16.3	23.9	29.2	31.6	35.4	35.9	35.1	33.0	30.7
Unknown	0.9	2.3	1.3	1.4	1.1	0.7	0.9	0.9	1.0	1.3
Smoked During Pregnancy										
No	86.3	95.3	85.8	75.9	77.6	87.6	92.4	91.8	91.2	94.7
Yes	13.4	4.7	13.9	23.8	22.0	12.2	7.3	7.8	8.2	5.3
Unknown	0.3	-	0.3	0.2	0.4	0.2	0.3	0.4	0.6	-
Live Birth Order										
1	39.1	98.8	90.3	77.7	48.8	39.0	25.8	20.8	15.8	20.0
2	33.0	1.2	8.8	18.4	18.4	33.5	33.9	38.6	32.1	26.7
3	16.6	-	0.8	3.4	12.3	16.8	21.2	24.4	20.9	12.0
4	6.5	-	-	0.5	3.9	6.4	8.1	12.0	13.2	13.3
5+	4.8	-	-	0.0	1.4	3.9	6.2	10.7	23.3	38.7
Unknown	0.0	-	-	-	0.0	-	0.0	0.0	0.1	-
Plurality										
Single Birth	96.8	100.0	98.8	98.4	97.9	96.9	95.8	95.2	96.2	86.7
Multiple Birth	3.2	-	1.2	1.6	2.1	3.1	4.2	4.8	3.8	13.3
Prematurity										
Full Term (37+ Weeks)	88.7	70.9	84.1	86.7	88.9	89.4	89.3	87.8	85.0	80.0
Premature (<37 Weeks)	11.3	29.1	15.9	13.3	11.1	10.5	10.7	12.2	15.0	20.0
Unknown	0.0	-	-	-	-	0.0	0.0	0.0	-	-
Attendant at Birth										
Physician, M.D.	89.2	83.7	84.5	88.0	87.2	89.1	91.1	91.4	89.2	86.7
Physician, D.O.	3.0	-	3.5	3.1	3.3	3.1	2.9	2.6	2.9	2.7
Cert. Nurse Midwife	6.2	16.3	11.5	8.5	8.0	6.3	4.6	4.0	3.1	2.7
Other Midwife	1.0	-	0.1	0.1	1.0	1.0	1.0	1.5	3.5	8.0
Other	0.5	-	0.5	0.4	0.6	0.5	0.4	0.6	1.2	-
Unknown	0.0	-	-	-	-	-	-	-	-	-

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

Notes: Included in the totals are 10 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 2005

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	70,934	54,292	6,715	1,039	6,262	1,101	1,495
Age of Mother							
<15	86	14	48	3	16	5	-
15-17	1,776	736	587	56	302	71	24
18-19	4,231	2,429	928	135	552	137	49
20-24	16,430	11,078	2,339	385	1,983	401	236
25-29	21,305	17,029	1,576	226	1,783	243	442
30-34	17,387	14,648	830	159	1,079	153	512
35-39	8,070	6,970	311	62	461	70	194
40-44	1,564	1,329	92	13	80	16	34
45+	75	56	4	-	6	5	4
Unknown	10	3	-	-	-	-	-
Education of Mother							
Elem. or Less	2,703	950	164	9	1,356	180	42
Some H.S.	8,180	3,671	2,183	257	1,849	146	72
H.S. Grad	20,525	15,137	2,471	457	1,775	402	276
Some College	16,635	13,944	1,264	220	716	228	258
College Grad	12,727	11,631	293	50	278	86	386
Post-Grad	9,800	8,817	245	42	218	33	441
Unknown	364	142	95	4	70	26	20
Marital Status							
Married	47,682	40,826	1,194	291	3,178	857	1,322
Unmarried	23,244	13,465	5,521	748	3,084	244	173
Unknown	8	1	-	-	-	-	-
Trimester Prenatal Care Began							
First	60,309	48,036	5,085	773	4,524	624	1,252
Second	8,183	4,814	1,180	202	1,383	405	194
Third	1,623	1,002	240	49	249	50	31
None	430	221	120	12	57	8	6
Unknown	389	219	90	3	49	14	12
Number of Prenatal Care Visits							
No Visits	430	221	120	12	57	8	6
1-4	1,896	1,127	338	54	271	63	40
5-9	12,821	8,595	1,486	300	1,697	435	301
10-12	31,104	24,647	2,349	399	2,628	407	669
13+	24,030	19,294	2,304	263	1,530	169	463
Unknown	653	408	118	11	79	19	16
Smoked During Pregnancy							
No	61,216	46,406	5,695	670	5,931	1,046	1,450
Yes	9,503	7,748	996	364	308	48	33
Unknown	215	138	24	5	23	7	12
Live Birth Order							
1	27,747	21,842	2,385	372	2,145	307	680
2	23,403	18,643	1,710	308	1,965	253	517
3	11,744	8,810	1,168	202	1,214	158	191
4	4,625	3,051	710	84	554	148	74
5+	3,405	1,942	738	73	382	235	33
Unknown	10	4	4	-	2	-	-

(Continued)

Table 4-3. Number of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2005

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	70,934	54,292	6,715	1,039	6,262	1,101	1,495
Prematurity							
Full Term (37+ Weeks)	62,894	48,599	5,509	920	5,539	973	1,331
Premature (<37 Weeks)	8,033	5,689	1,205	118	723	128	164
Unknown	7	4	1	1	-	-	-
Gestational Age (Weeks)							
16-31 Weeks	1,355	864	292	24	120	23	31
32-35 Weeks	3,683	2,609	559	44	338	50	80
36 Weeks	2,995	2,216	354	50	265	55	53
37-41 Weeks	57,302	44,459	5,000	789	4,982	830	1,222
42-45 Weeks	5,592	4,140	509	131	557	143	109
Unknown	7	4	1	1	-	-	-

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

Notes: Included in the totals are 30 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 is substituted.

Table 4-4. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2005

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Age of Mother							
<15	0.1	0.0	0.7	0.3	0.3	0.5	-
15-17	2.5	1.4	8.7	5.4	4.8	6.4	1.6
18-19	6.0	4.5	13.8	13.0	8.8	12.4	3.3
20-24	23.2	20.4	34.8	37.1	31.7	36.4	15.8
25-29	30.0	31.4	23.5	21.8	28.5	22.1	29.6
30-34	24.5	27.0	12.4	15.3	17.2	13.9	34.2
35-39	11.4	12.8	4.6	6.0	7.4	6.4	13.0
40-44	2.2	2.4	1.4	1.3	1.3	1.5	2.3
45+	0.1	0.1	0.1	-	0.1	0.5	0.3
Unknown	0.0	0.0	-	-	-	-	-
Education of Mother							
Elem. or Less	3.8	1.7	2.4	0.9	21.7	16.3	2.8
Some H.S.	11.5	6.8	32.5	24.7	29.5	13.3	4.8
H.S. Grad	28.9	27.9	36.8	44.0	28.3	36.5	18.5
Some College	23.5	25.7	18.8	21.2	11.4	20.7	17.3
College Grad	17.9	21.4	4.4	4.8	4.4	7.8	25.8
Post-Grad	13.8	16.2	3.6	4.0	3.5	3.0	29.5
Unknown	0.5	0.3	1.4	0.4	1.1	2.4	1.3
Marital Status							
Married	67.2	75.2	17.8	28.0	50.8	77.8	88.4
Unmarried	32.8	24.8	82.2	72.0	49.2	22.2	11.6
Unknown	0.0	0.0	-	-	-	-	-
Trimester Prenatal Care Began							
First	85.0	88.5	75.7	74.4	72.2	56.7	83.7
Second	11.5	8.9	17.6	19.4	22.1	36.8	13.0
Third	2.3	1.8	3.6	4.7	4.0	4.5	2.1
None	0.6	0.4	1.8	1.2	0.9	0.7	0.4
Unknown	0.5	0.4	1.3	0.3	0.8	1.3	0.8
Number of Prenatal Care Visits							
No Visits	0.6	0.4	1.8	1.2	0.9	0.7	0.4
1-4	2.7	2.1	5.0	5.2	4.3	5.7	2.7
5-9	18.1	15.8	22.1	28.9	27.1	39.5	20.1
10-12	43.8	45.4	35.0	38.4	42.0	37.0	44.7
13+	33.9	35.5	34.3	25.3	24.4	15.3	31.0
Unknown	0.9	0.8	1.8	1.1	1.3	1.7	1.1
Smoked During Pregnancy							
No	86.3	85.5	84.8	64.5	94.7	95.0	97.0
Yes	13.4	14.3	14.8	35.0	4.9	4.4	2.2
Unknown	0.3	0.3	0.4	0.5	0.4	0.6	0.8
Live Birth Order							
1	39.1	40.2	35.5	35.8	34.3	27.9	45.5
2	33.0	34.3	25.5	29.6	31.4	23.0	34.6
3	16.6	16.2	17.4	19.4	19.4	14.4	12.8
4	6.5	5.6	10.6	8.1	8.8	13.4	4.9
5+	4.8	3.6	11.0	7.0	6.1	21.3	2.2
Unknown	0.0	0.0	0.1	-	0.0	-	-

(Continued)

Table 4-4. Percent of Births by Race/Ethnicity of Mother and Selected Characteristics, Wisconsin 2005

	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Prematurity							
Full Term (37+ Weeks)	88.7	89.5	82.0	88.5	88.5	88.4	89.0
Premature (<37 Weeks)	11.3	10.5	17.9	11.4	11.5	11.6	11.0
Unknown	0.0	0.0	0.0	0.1	-	-	-
Gestational Age (Weeks)							
16-31 Weeks	1.9	1.6	4.3	2.3	1.9	2.1	2.1
32-35 Weeks	5.2	4.8	8.3	4.2	5.4	4.5	5.4
36 Weeks	4.2	4.1	5.3	4.8	4.2	5.0	3.5
37-41 Weeks	80.8	81.9	74.5	75.9	79.6	75.4	81.7
42-45 Weeks	7.9	7.6	7.6	12.6	8.9	13.0	7.3
Unknown	0.0	0.0	0.0	0.1	-	-	-

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

Notes: Included in the totals are 30 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 is substituted.

Table 4-5. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2005

	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	70,934	925	1.3	4,067	5.7	65,930	92.9	4,992	7.0
Plurality									
Single Birth	68,655	661	1.0	3,038	4.4	64,944	94.6	3,699	5.4
Multiple Birth	2,279	264	11.6	1,029	45.2	986	43.3	1,293	56.7
Prematurity									
Full Term (37+ Weeks)	62,894	24	0.0	1,566	2.5	61,300	97.5	1,590	2.5
Premature (<37 Weeks)	8,033	899	11.2	2,501	31.1	4,628	57.6	3,400	42.3
Unknown	7	2	28.6	-	-	2	28.6	2	28.6
Age of Mother									
<15	86	9	10.5	3	3.5	74	86.0	12	14.0
15-17	1,776	47	2.6	139	7.8	1,590	89.5	186	10.5
18-19	4,231	84	2.0	286	6.8	3,860	91.2	370	8.7
20-24	16,430	235	1.4	1,015	6.2	15,178	92.4	1,250	7.6
25-29	21,305	216	1.0	1,117	5.2	19,969	93.7	1,333	6.3
30-34	17,387	203	1.2	925	5.3	16,255	93.5	1,128	6.5
35-39	8,070	102	1.3	468	5.8	7,498	92.9	570	7.1
40-44	1,564	25	1.6	102	6.5	1,437	91.9	127	8.1
45+	75	3	4.0	11	14.7	61	81.3	14	18.7
Unknown	10	1	10.0	1	10.0	8	80.0	2	20.0
Race/Ethnicity of Mother									
White	54,292	550	1.0	2,860	5.3	50,875	93.7	3,410	6.3
Black/Afr. American	6,715	237	3.5	680	10.1	5,795	86.3	917	13.7
American Indian	1,039	13	1.3	43	4.1	982	94.5	56	5.4
Hispanic/Latino	6,262	82	1.3	325	5.2	5,854	93.5	407	6.5
Laotian/Hmong	1,101	13	1.2	62	5.6	1,026	93.2	75	6.8
Other	1,495	28	1.9	96	6.4	1,371	91.7	124	8.3
Unknown	30	2	6.7	1	3.3	27	90.0	3	10.0
Education of Mother									
Elem. or Less	2,703	35	1.3	108	4.0	2,558	94.6	143	5.3
Some H.S.	8,180	153	1.9	712	8.7	7,314	89.4	865	10.6
H.S. Grad	20,525	307	1.5	1,188	5.8	19,027	92.7	1,495	7.3
Some College	16,635	194	1.2	955	5.7	15,483	93.1	1,149	6.9
College Grad	12,727	109	0.9	585	4.6	12,032	94.5	694	5.5
Post-Grad	9,800	97	1.0	478	4.9	9,224	94.1	575	5.9
Unknown	364	30	8.2	41	11.3	292	80.2	71	19.5
Marital Status									
Married	47,682	464	1.0	2,367	5.0	44,842	94.0	2,831	5.9
Unmarried	23,244	460	2.0	1,699	7.3	21,082	90.7	2,159	9.3
Unknown	8	1	12.5	1	12.5	6	75.0	2	25.0

(Continued)

Table 4-5. Number and Percent of Births by Birthweight and Selected Characteristics, Wisconsin 2005

	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	60,309	718	1.2	3,334	5.5	56,250	93.3	4,052	6.7
Second	8,183	112	1.4	543	6.6	7,527	92.0	655	8.0
Third	1,623	5	0.3	77	4.7	1,539	94.8	82	5.1
None	430	42	9.8	55	12.8	332	77.2	97	22.6
Unknown	389	48	12.3	58	14.9	282	72.5	106	27.2
Number of Prenatal Care Visits									
No Visits	430	42	9.8	55	12.8	332	77.2	97	22.6
1-4	1,896	137	7.2	174	9.2	1,582	83.4	311	16.4
5-9	12,821	372	2.9	1,143	8.9	11,304	88.2	1,515	11.8
10-12	31,104	155	0.5	1,335	4.3	29,611	95.2	1,490	4.8
13+	24,030	161	0.7	1,266	5.3	22,601	94.1	1,427	5.9
Unknown	653	58	8.9	94	14.4	500	76.6	152	23.3
Smoked During Pregnancy									
No	61,216	757	1.2	3,127	5.1	57,323	93.6	3,884	6.3
Yes	9,503	165	1.7	922	9.7	8,413	88.5	1,087	11.4
Unknown	215	3	1.4	18	8.4	194	90.2	21	9.8
Type of Delivery									
Vaginal After	917	13	1.4	39	4.3	864	94.2	52	5.7
Previous C-Section	800	-	-	28	3.5	772	96.5	28	3.5
Forceps	52,416	419	0.8	2,447	4.7	49,543	94.5	2,866	5.5
Other Vaginal	9,930	434	4.4	1,168	11.8	8,326	83.8	1,602	16.1
Primary C-Section	6,870	59	0.9	385	5.6	6,424	93.5	444	6.5
Repeat C-Section	1	-	-	-	-	1	100.0	-	-
Live Birth Order									
1	27,747	434	1.6	1,675	6.0	25,633	92.4	2,109	7.6
2	23,403	249	1.1	1,181	5.0	21,971	93.9	1,430	6.1
3	11,744	134	1.1	626	5.3	10,982	93.5	760	6.5
4	4,625	49	1.1	301	6.5	4,274	92.4	350	7.6
5+	3,405	57	1.7	282	8.3	3,064	90.0	339	10.0
Unknown	10	2	20.0	2	20.0	6	60.0	4	40.0
Congenital Anomalies									
No	70,018	894	1.3	3,961	5.7	65,151	93.0	4,855	6.9
Yes	916	31	3.4	106	11.6	779	85.0	137	15.0

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

Notes: Included in the totals are 12 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 2005

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	70,934	35	510	804	3,683	2,995	35,396	14,669	7,237	5,592	7
<500 Grams	132	22	98	5	2	-	-	1	-	-	-
500-999 Grams	364	5	251	81	21	1	4	-	-	-	-
1,000-1,499 Gms	429	-	53	231	115	9	13	1	14		2
1,500-1,999 Gms	1,001	-	16	187	562	102	101	10	9	14	-
2,000-2,499 Gms	3,066	-	8	65	1,100	461	1,082	177	70	103	-
2,500-2,999 Gms	10,956	3	28	61	950	1,126	6,238	1,321	594	634	1
3,000-3,499 Gms	26,272	3	25	105	588	902	14,752	5,370	2,450	2,075	1
3,500-3,999 Gms	21,311	1	21	47	273	327	10,263	5,603	2,824	1,952	-
4,000-4,499 Gms	6,262	1	6	20	59	54	2,540	1,862	1,053	667	-
4,500+ Grams	1,129	-	1	1	12	13	401	324	234	143	-
Unknown	12	-	3	1	1	-	2	-	2	-	3
<i>Percent</i>											
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<500 Grams	0.2	62.9	19.2	0.6	0.1	-	-	0.0	-	-	-
500-999 Grams	0.5	14.3	49.2	10.1	0.6	0.0	0.0	-	-	-	-
1,000-1,499 Gms	0.6	-	10.4	28.7	3.1	0.3	0.0	0.0	0.0	0.1	28.6
1,500-1,999 Gms	1.4	-	3.1	23.3	15.3	3.4	0.3	0.1	0.1	0.3	-
2,000-2,499 Gms	4.3	-	1.6	8.1	29.9	15.4	3.1	1.2	1.0	1.8	-
2,500-2,999 Gms	15.4	8.6	5.5	7.6	25.8	37.6	17.6	9.0	8.2	11.3	14.3
3,000-3,499 Gms	37.0	8.6	4.9	13.1	16.0	30.1	41.7	36.6	33.9	37.1	14.3
3,500-3,999 Gms	30.0	2.9	4.1	5.8	7.4	10.9	29.0	38.2	39.0	34.9	-
4,000-4,499 Gms	8.8	2.9	1.2	2.5	1.6	1.8	7.2	12.7	14.6	11.9	-
4,500+ Grams	1.6	-	0.2	0.1	0.3	0.4	1.1	2.2	3.2	2.6	-
Unknown	0.0	-	0.6	0.1	0.0	-	0.0	-	0.0	-	42.9

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

Note: In the totals there are 6 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 is unknown or invalid, i.e., less than 16 weeks or greater than 45 weeks, clinical estimate of gestational age is substituted.

Table 4-7. Number and Percent of Births by Race/Ethnicity of Mother and Birthweight, Wisconsin 2005

Birthweight	Total	White	Black/Afr. American	American Indian	Hispanic/ Latino	Laotian/ Hmong	Other
<i>Number</i>							
Total	70,934	54,292	6,715	1,039	6,262	1,101	1,495
<500 Grams	132	71	42	1	12	3	2
500-999 Grams	364	217	103	3	27	4	10
1,000-1,499 Gms	429	262	92	9	43	6	16
1,500-1,999 Gms	1,001	721	170	8	65	11	25
2,000-2,499 Gms	3,066	2,139	510	35	260	51	71
2,500-2,999 Gms	10,956	7,612	1,619	145	979	273	321
3,000-3,499 Gms	26,272	19,715	2,586	351	2,499	490	621
3,500-3,999 Gms	21,311	17,346	1,272	322	1,800	215	350
4,000-4,499 Gms	6,262	5,241	276	134	497	44	68
4,500+ Grams	1,129	961	42	30	79	4	11
Unknown	12	7	3	1	1	-	-
<i>Percent</i>							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<500 Grams	0.2	0.1	0.6	0.1	0.2	0.3	0.1
500-999 Grams	0.5	0.4	1.5	0.3	0.4	0.4	0.7
1,000-1,499 Gms	0.6	0.5	1.4	0.9	0.7	0.5	1.1
1,500-1,999 Gms	1.4	1.3	2.5	0.8	1.0	1.0	1.7
2,000-2,499 Gms	4.3	3.9	7.6	3.4	4.2	4.6	4.7
2,500-2,999 Gms	15.4	14.0	24.1	14.0	15.6	24.8	21.5
3,000-3,499 Gms	37.0	36.3	38.5	33.8	39.9	44.5	41.5
3,500-3,999 Gms	30.0	31.9	18.9	31.0	28.7	19.5	23.4
4,000-4,499 Gms	8.8	9.7	4.1	12.9	7.9	4.0	4.5
4,500+ Grams	1.6	1.8	0.6	2.9	1.3	0.4	0.7
Unknown	0.0	0.0	0.0	0.1	0.0	-	-

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

Notes: Included in the totals are 30 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 2005

	Fetal Deaths (Gestation \geq 20 weeks)		Neonatal Deaths (Age <28 days)		Infant Deaths (Age <1 year)	
	Number	Rate	Number	Rate	Number	Rate
Total	363	5.1	319	4.5	469	6.6
Sex of Infant						
Male	201	5.5	167	4.6	252	6.9
Female	153	4.4	151	4.4	216	6.2
Unknown	9	-	1	-	1	-
Birthweight						
1,499 Grams or Less	213	187.2	223	241.1	255	275.7
1,500-2,499 Grams	73	17.6	46	11.3	68	16.7
2,500+ Grams	70	1.1	47	0.7	142	2.2
Unknown	7	-	3	-	4	-
<u>White Non-Hispanic</u>						
1,499 Grams or Less	251	4.6	209	3.8	302	5.6
1,500-2,499 Grams	141	204.1	135	245.5	152	276.4
2,500+ Grams	54	18.5	36	12.6	46	16.1
Unknown	53	1.0	37	0.7	102	2.0
Unknown	3	-	1	-	2	-
<u>Black Non-Hispanic</u>						
1,499 Grams or Less	60	8.9	65	9.7	101	15.0
1,500-2,499 Grams	38	138.2	58	244.7	71	299.6
2,500+ Grams	15	-	2	-	7	-
Unknown	6	-	4	-	22	3.8
Unknown	1	-	1	-	1	-
Gestational Age (Weeks)						
<37 Weeks	279	33.6	265	33.0	327	40.7
16-31 Weeks	215	136.9	225	166.1	257	189.7
32-35 Weeks	46	12.3	24	6.5	45	12.2
36 Weeks	18	-	16	-	25	8.3
37-41 Weeks	75	1.3	50	0.9	131	2.3
42-45 Weeks	7	-	3	-	9	-
Unknown	2	-	1	-	2	-
Marital Status						
Married	205	4.3	168	3.5	229	4.8
Unmarried	157	6.7	151	6.5	240	10.3
Unknown	1	-	-	-	-	-
Education of Mother						
Elementary or Less	29	10.6	9	-	19	-
Some High School	41	5.0	49	6.0	83	10.1
High School Graduate	97	4.7	111	5.4	165	8.0
Some College	75	4.5	67	4.0	99	6.0
College Graduate	46	3.6	32	2.5	42	3.3
Post Graduate	17	-	33	3.4	41	4.2
Unknown	58	137.4	18	-	20	54.9

(Continued)

Table 4-8. Fetal, Neonatal, and Infant Deaths by Selected Characteristics, Wisconsin 2005

	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	4	-	1	-	2	-
15-17	12	-	19	-	27	15.2
18-19	35	8.2	23	5.4	46	10.9
20-24	80	4.8	83	5.1	135	8.2
25-29	96	4.5	77	3.6	114	5.4
30-34	81	4.6	71	4.1	90	5.2
35-39	41	5.1	39	4.8	47	5.8
40+	13	-	6	-	8	-
Unknown	1	-	-	-	-	-
Race of Mother						
White	251	4.6	209	3.8	302	5.6
Black/African American	60	8.9	65	9.7	101	15.0
American Indian	4	-	3	-	8	-
Hispanic/Latino	35	5.6	29	4.6	42	6.7
Laotian/Hmong	1	-	4	-	7	-
Other	9	-	8	-	8	-
Unknown	3	-	1	-	1	-
Trimester Prenatal Care Began						
First	257	4.2	232	3.8	336	5.6
Second	45	5.5	32	3.9	65	7.9
Third	11	-	5	-	12	-
None	17	-	22	51.2	27	62.8
Unknown	33	78.2	28	72.0	29	74.6
Number of Prenatal Care Visits						
No Visits	17	-	22	51.2	27	62.8
1-4 Visits	70	35.6	60	31.6	77	40.6
5-9 Visits	140	10.8	98	7.6	131	10.2
10-12 Visits	56	1.8	53	1.7	108	3.5
13+ Visits	42	1.7	55	2.3	92	3.8
Unknown	38	55.0	31	47.5	34	52.1
Plurality						
Single Birth	336	4.9	261	3.8	397	5.8
Multiple Birth	27	11.7	58	25.4	72	31.6
Unknown	-	-	-	-	-	-
Smoked During Pregnancy						
No	283	4.6	267	4.4	375	6.1
Yes	76	7.9	51	5.4	92	9.7
Unknown	4	-	1	-	2	-

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

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 2005 and United States, 2003

Birth Rates	Wisconsin		United States
	Rate		Rate
Crude Birth Rate (births per 1,000 total population)	12.7		14.1
General Fertility Rate (births per 1,000 females ages 15-44)	61.2		66.1
Teen Birth Rate (births per 1,000 females ages 15-19)	30.5	30.1*	41.6
Mortality Rates			
Infant Mortality Rate (infant deaths per 1,000 live births)	6.6		6.8
Infant Mortality Rate – Black Non-Hispanic	15.0		13.6
Infant Mortality Rate – White Non-Hispanic	5.6		5.7
Neonatal Mortality Rate (deaths <28 days of age per 1,000 live births)	4.5		4.6
Perinatal Mortality Rate (fetal deaths and deaths <28 days of age per 1,000 live births and fetal deaths)	11.7	6.5**	6.9***
Birth Characteristics			
	Percent		Percent
Mother Unmarried	32.8%		34.6%
First-Trimester Prenatal Care	85.0		84.1
Late or No Prenatal Care	2.9		3.5
Maternal Smoking	13.4		10.7
C-Section Delivery	23.7		27.5
Birth Order 4+	11.3		10.8
Low Birthweight	7.0		7.9
Low Birthweight – Black Non-Hispanic	13.7		13.6
Low Birthweight – White Non-Hispanic	6.3%		7.0%

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

* This Wisconsin rate is calculated to be comparable to the U.S. rate, which excludes mothers younger than 15.

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

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

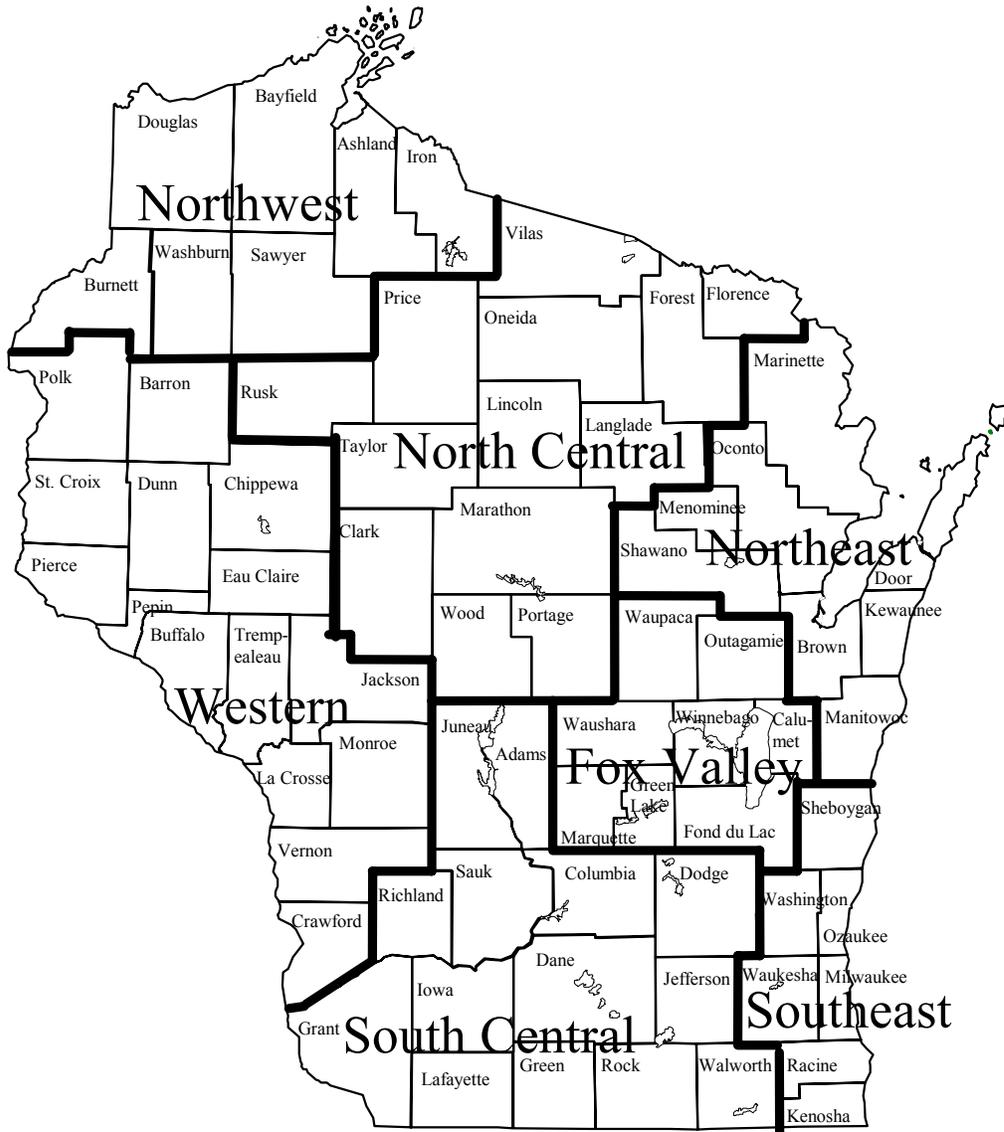
Map 1. Wisconsin Department of Health and Family Services Regions, 2005



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

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

Map 2. Wisconsin Perinatal Regions, 2005



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

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

Sources, Definitions, and Explanations of Terms

National Data. Unless otherwise noted, national data used in this report were cited from Martin JA, Hamilton BE, Sutton PD, et al. Births: Final data for 2003. *National Vital Statistics Reports*, Vol. 54, No. 2. Hyattsville, Maryland: National Center for Health Statistics, 2005. National infant mortality data are drawn from Mathews TJ, MacDorman MF. Infant mortality statistics from the 2003 period linked birth/infant death data set. *National Vital Statistics Reports*, Vol. 54, No. 6. Hyattsville, Maryland: National Center for Health Statistics, 2006.

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

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

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

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

Also to be noted are the limitations on comparability that relate to changes in the editing of the medical checklist items since 1989. Each checklist (with the exception of “Method of delivery”) has an “other-specify” checkbox. Conditions reported in the “other-specify” category have been edited to exclude invalid reports from the database, and to ensure that those conditions that belong elsewhere in a checklist are properly reported. The editing process has varied each year, which affects comparability. This most affects data on “Medical history for this pregnancy” and “Congenital anomalies of child;” it also affects comparability of “Events of labor and/or delivery” and “Abnormal conditions of the newborn.” In 1990, this editing was done only for the “Congenital anomalies” and “Abnormal conditions” checklists. Since 1990, edits have been expanded to include “Medical history for this pregnancy,” “Obstetric procedures,” and “Events of labor and/or delivery.”

Definitions of “Medical risk factors for this pregnancy,” “Obstetric procedures,” “Complications of labor and/or delivery,” “Abnormal conditions of the newborn” and “Congenital anomalies of child” were adapted from:

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

Prematurity. Births were classified as premature (less than full term) if the gestational age was less than 37 weeks. To determine gestational age, a prematurity index is used; this is usually based on the computed estimate of gestational age, which is the difference between the date of last normal menses and the date of the infant’s birth. The clinical estimate of gestational age (reported by the physician directly on the birth certificate) is substituted when the date of last normal menses is unknown or invalid or the computed estimate of gestational age is less than 16 weeks or greater than 45 weeks. The use of this index decreases the number of unknown records on 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 2005, rather than the mortality experience of the 2005 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 32 and 33).

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

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

Maternal Deaths. There were fifteen deaths in 2005 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. Beginning 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 104). These regions were informally designated in the early 1970s by the Wisconsin Association for Perinatal Care, in cooperation with organizations representing public and private providers of perinatal services. Perinatal regions represent geographical boundaries within which arrangements exist among providers of perinatal services to facilitate optimal treatment for pregnant women and newborns. Within each region, selected hospitals with the capability to provide neonatal and maternal intensive care have been self-designated as perinatal centers. High-risk pregnancies and deliveries are often referred to or transported to these perinatal centers, as are high-risk babies born outside perinatal centers. Health care providers within the regions also collaborate in other ways to address perinatal health care issues as they arise.

Limitations of the Data. Vital records information has some limitations related to completeness, accuracy, and timeliness of registration, quality control procedures and classification problems. The reporting of live births and infant deaths is considered to be essentially complete for births occurring in Wisconsin. A cooperative exchange program between all states has been in operation for several decades to allocate birth and death certificates to the state of residence. Although this exchange program is not totally complete, the incompleteness is not of sufficient magnitude to seriously affect 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</i>	Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20 th week of gestation.

<i>Hypertension, Pregnancy-Associated</i>	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.