

2009

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# Births To Teens

## In Wisconsin



Wisconsin Department of Health Services  
Division of Public Health  
Office of Health Informatics



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**May 2011**

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## Foreword

The Department of Health Services is mandated by section 69.03 (9), Wisconsin Statutes, to prepare annual reports on vital statistics. *Births to Teens in Wisconsin, 2009* includes relevant information from the annual *Wisconsin Births and Infant Deaths* report, as well as additional information on teen births not included in that report. This publication was prepared by the Office of Health Informatics (formerly the Bureau of Health Information and Policy), Division of Public Health, Wisconsin Department of Health Services.

The findings in this report were compiled by Laura Ninneman in the Vital Records Section of the Office of Health Informatics. Patricia Nametz edited the report. Draft review was provided by Murray L. Katcher, M.D., Ph.D., Bureau of Community Health Promotion, Division of Public Health. The report was prepared under the supervision of John Kiesow, State Registrar, Vital Records Section, and Jane Kraus, Supervisor, Registration and Statistics Unit.

Additional health-related statistical information for Wisconsin is available through the Internet on the Department of Health Services site, at <http://dhs.wisconsin.gov/stats/>. Wisconsin Interactive Statistics on Health (WISH) is an online data query system, located at <http://dhs.wisconsin.gov/wish>, which includes birth data for multiple years and geographic areas in Wisconsin.

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## **Introduction**

This report presents information on Wisconsin teen births, based primarily on data collected from the confidential portion of the birth record. It presents data for 2009 and other relevant years in two main sections: "Statewide Information" and "Local Information."

Data files used in the report are the resident birth certificate file, the matched infant birth-death file, the fetal death file, and the reported induced terminations of pregnancy publication. All data refer to Wisconsin residents unless otherwise noted.

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

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## Key Findings

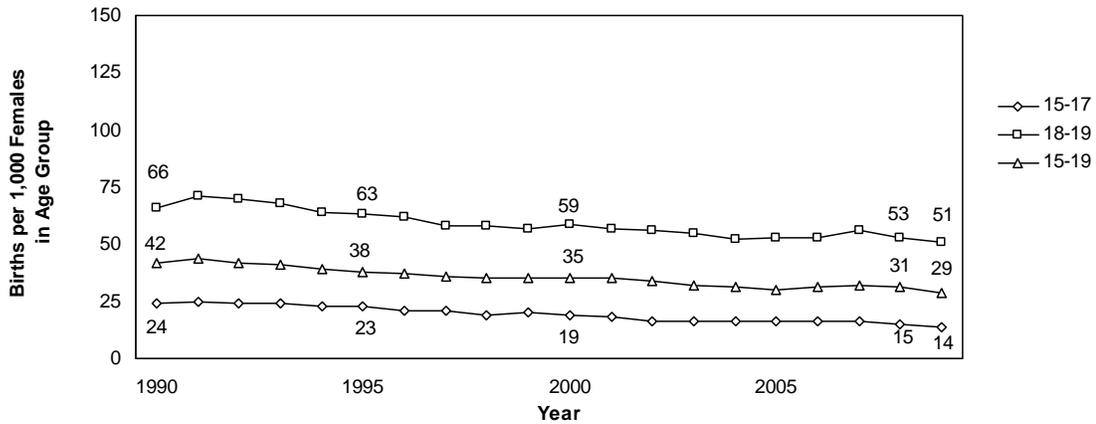
- In 2009, there were 5,855 births to Wisconsin teens (mothers less than 20 years of age), a decrease from 6,096 teen births in 2008.
- The estimated pregnancy rate among Wisconsin teens in 2009 was 36.7 pregnancies per 1,000 females aged 15-19, lower than the 2008 rate (38.5). (This rate is calculated by adding births, reported fetal deaths, and reported induced terminations of pregnancy among females under 20 years of age, then dividing by the number of females aged 15-19.)
- The 2009 Wisconsin teen birth rate was 29.3 births per 1,000 females aged 15-19, compared to 30.9 in 2008. (This rate excludes births to girls under 15 years of age.) In 2008, the U.S. teen birth rate was 41.5.
- Over the past decade, the overall teen birth rate in Wisconsin (births per 1,000 females aged 15-19) declined from 35.4 in 1999 to 29.3 in 2009. The largest decline in the teen birth rate occurred among black/African American teens: from 117.9 per 1,000 in 1999 to 86.8 per 1,000 in 2009. Among white teens, the rate decreased from 24.4 to 17.7 per 1,000. Among American Indian teens, the rate was 88.7 per 1,000 in 1999 and 84.4 per 1,000 in 2009. The teen birth rate among Hispanic/Latina teens was 87.8 per 1,000 in 1999 and 81.0 per 1,000 in 2009.
- In 2009, teen births represented 8 percent of births overall. By race/ethnicity, teen births represented 5 percent of births to whites, 21 percent of births to blacks/African Americans, 17 percent of births to American Indians, 15 percent of births to Hispanics, 14 percent of births to Laotians or Hmong, and 3 percent of births to “other Asians.”
- Ninety percent of births to teens in 2009 were nonmarital, similar to the percentage in 2008 (89%).
- The proportion of teens giving birth who reported smoking during pregnancy was 19 percent in 2009, lower than in 2008 (21%). Teens remain more likely to smoke during pregnancy than Wisconsin women overall (14%) in 2009.
- The proportion of teens who received first-trimester prenatal care was 69 percent in 2009, an increase from 2008 (66%). Among all women who gave birth in 2009, 83 percent received first-trimester prenatal care.
- In 2009, 520 infants born to Wisconsin teens were low birthweight; that is, they weighed less than 2,500 grams (about 5.5 pounds) at birth. This number represented 8.9 percent of all teen births (compared to 9.0 percent in 2008). The low birthweight percentage for all Wisconsin births in 2009 was 7.1 percent.
- Among low birthweight infants born to teens, 97 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 1.7 percent of all teen births (compared to 1.2 percent of all births).
- In general, babies born to teens are more likely to die in infancy. In 2009, the infant mortality rate was 11.3 per 1,000 births to teens aged less than 20, compared with 5.5 per 1,000 births to mothers aged 20 and older. (In 2008, the rates were 10.8 per 1,000 births to teens and 6.6 per 1,000 births to mothers 20+.)

**Table 1. Births to Teens by Age Group, Wisconsin, 1975-2009**

Year	Number of Teen Births		Total Births	Number of Teen Births		Percent of Teen Births		Percent of All Births	Percent of Teen Births	Percent of All Births
	<15	15-17		18-19	<20	<15	15-17			
1975	103	3,256	3,359	6,279	9,638	1.1%	33.8%	5.2%	65.1%	14.8%
1976	125	2,970	3,095	6,111	9,206	1.4	32.3	4.8	66.4	14.2
1977	103	2,920	3,023	6,094	9,117	1.1	32.0	4.4	66.8	13.3
1978	72	2,865	2,937	5,940	8,877	0.8	32.3	4.3	66.9	12.9
1979	120	2,688	2,808	6,473	9,281	1.3	28.9	3.8	69.7	12.7
1980	93	2,741	2,834	6,379	9,213	1.0	29.8	3.8	69.2	12.3
1981	94	2,655	2,749	6,029	8,778	1.1	30.2	3.7	68.7	11.8
1982	91	2,452	2,543	5,659	8,202	1.1	29.9	3.4	69.0	11.0
1983	98	2,397	2,495	5,258	7,753	1.3	30.9	3.4	67.8	10.7
1984	98	2,305	2,403	4,973	7,376	1.3	31.2	3.3	67.4	10.1
1985	123	2,389	2,512	4,976	7,488	1.6	31.9	3.4	66.4	10.2
1986	121	2,340	2,461	4,679	7,140	1.7	32.8	3.4	65.5	9.9
1987	114	2,369	2,483	4,425	6,908	1.7	34.3	3.5	64.1	9.7
1988	133	2,322	2,455	4,486	6,941	1.9	33.5	3.5	64.6	9.8
1989	141	2,416	2,557	4,707	7,264	1.9	33.3	3.6	64.8	10.1
1990	148	2,337	2,485	4,925	7,410	2.0	31.5	3.4	66.5	10.2
1991	147	2,440	2,587	4,828	7,415	2.0	32.9	3.6	65.1	10.3
1992	159	2,427	2,586	4,622	7,208	2.2	33.7	3.7	64.1	10.2
1993	175	2,481	2,656	4,576	7,232	2.4	34.3	3.8	63.3	10.4
1994	161	2,497	2,658	4,379	7,037	2.3	35.5	3.9	62.2	10.3
1995	182	2,549	2,731	4,379	7,110	2.6	35.9	4.0	61.6	10.5
1996	143	2,507	2,650	4,453	7,103	2.0	35.3	4.0	62.7	10.6
1997	163	2,541	2,704	4,384	7,088	2.3	35.8	4.1	61.9	10.7
1998	111	2,366	2,477	4,570	7,047	1.6	33.6	3.7	64.9	10.5
1999	116	2,432	2,548	4,760	7,308	1.6	33.3	3.7	65.1	10.7
2000	99	2,225	2,324	4,753	7,077	1.4	31.4	3.4	67.2	10.2
2001	80	2,167	2,247	4,602	6,849	1.2	31.6	3.3	67.2	9.9
2002	108	1,898	2,006	4,528	6,534	1.7	29.0	2.9	69.3	9.5
2003	85	1,861	1,946	4,371	6,317	1.3	29.5	2.8	69.2	9.0
2004	91	1,765	1,856	4,230	6,086	1.5	29.0	2.6	69.5	8.7
2005	86	1,776	1,862	4,231	6,093	1.4	29.1	2.6	69.4	8.6
2006	92	1,840	1,932	4,168	6,100	1.5	30.2	2.7	68.3	8.4
2007	80	1,874	1,954	4,366	6,320	1.3	29.7	2.7	69.1	8.7
2008	76	1,783	1,859	4,237	6,096	1.2	29.2	2.6	69.5	8.5
2009	61	1,608	1,669	4,186	5,855	1.0	27.5	2.4	71.5	8.3

Sources: Wisconsin Office of Health Informatics, *Trends in Maternal and Child Health Statistics, 1968-1988; Maternal and Child Health Statistics* for the years 1989-1994; *Wisconsin Births and Infant Deaths* for the years 1995-2009.

**Figure 1. Age-Specific Teen Birth Rates, Wisconsin, 1990-2009**



Sources: Wisconsin Office of Health Informatics, *Public Health Profiles* for the years 1989-1994; *Wisconsin Births and Infant Deaths* for the years 1995-2009.

Note: The 15-17 and 15-19 birth rates are not comparable with some previously published data because they exclude births to mothers less than 15 years of age. (Some previous birth rate calculations included mothers <15 years old in the <18 (less than 18) and <20 (less than 20) rates.) Birth rates are the number of births per 1,000 females in each age group.

**Table 2a. Age-Specific Teen Birth Rates, Wisconsin, 2009 and United States, 2008**

Age	Wisconsin Rate		U.S. Rate
	Mothers <15 Excluded	Mothers <15 Included	Mothers <15 Excluded
15-19	29.3	29.6	41.5
15-17	13.9	14.4	21.7
18-19	50.9		70.6

Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*. United States rates are from the *National Vital Statistics Report*, Vol. 57, No. 7, 2009.

Notes: Rates are the number of births per 1,000 females in the age group. Rates for ages 15-19 and 15-17 exclude births to mothers less than 15 years old unless otherwise noted.

**Table 2b. Teen Birth Rates, Wisconsin and United States, 1980-2009**

	1980	1990	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Ages 15-17</b>													
Wisconsin	21	24	20	19	18	16	16	15	15	16	16	15	14
United States	33	38	29	27	25	23	22	22	21	22	22	22	n/a
<b>Ages 15-19</b>													
Wisconsin	40	42	35	35	34	32	31	30	30	31	32	31	29
United States	53	60	50	48	45	43	42	41	41	42	43	42	n/a

Sources: Wisconsin Office of Health Informatics, *Trends in Maternal and Child Health Statistics, 1968-1988*; *Public Health Profiles* for the years 1989-1994; *Wisconsin Births and Infant Deaths* for the years 1995-2009. United States rates are from the National Center for Health Statistics (NCHS), *National Vital Statistics Report*.

Notes: Rates are the number of births per 1,000 females aged 15-19 and exclude births to mothers below age 15. U.S. rates for 2009 are not yet available (n/a).

**Table 3. Births to Teens by Age Group and Race/Ethnicity, Wisconsin, Selected Years**

Year	Number <15	Number 15-17	Rate 15-17	Rate <18	Number 18-19	Rate 18-19	Number 15-19	Rate 15-19	Rate <20
<b>1999</b>									
White	20	1,193	11.8	12.0	3,010	42.4	4,203	24.4	24.5
Black/African American	64	726	78.4	85.3	1,007	185.4	1,733	117.9	122.3
American Indian	7	83	58.9	63.9	128	132.0	211	88.7	91.7
Hispanic/Latina, Any Race	23	292	58.7	63.3	463	127.9	755	87.8	90.5
Asian	2	138	43.5	44.2	150	80.1	288	57.1	57.5
Total Births	116	2,432	20.2	21.2	4,760	57.4	7,192	35.4	36.0
<b>2008</b>									
White	15	671	7.3	7.4	2,288	34.8	2,959	18.7	18.8
Black/African American	39	569	52.1	55.7	978	164.3	1,547	91.7	94.0
American Indian	2	86	63.0	64.4	140	148.0	226	97.8	98.6
Hispanic/Latina, Any Race	19	373	52.0	54.7	627	142.8	1,000	86.5	88.1
Asian	1	84	23.2	23.5	194	87.4	278	47.7	47.8
Total Births	76	1,783	15.4	16.1	4,237	53.4	6,020	30.9	31.3
<b>2009</b>									
White	19	602	6.5	6.7	2,232	33.0	2,834	17.7	17.8
Black/African American	24	520	47.3	49.5	993	154.3	1,513	86.8	88.2
American Indian	2	56	42.7	44.3	140	138.3	196	84.4	85.3
Hispanic/Latina, Any Race	16	346	46.1	48.2	657	134.9	1,003	81.0	82.3
Asian	0	84	22.3	22.3	160	70.5	244	40.4	40.4
Total Births	61	1,608	13.9	14.4	4,186	50.9	5,794	29.3	29.6

Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths* for the years 1995-2009.

Notes: Births to mothers of Hispanic origin are excluded from race categories (see Technical Notes). (In contrast, Table 12 includes mothers of Hispanic origin within race categories.) 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.

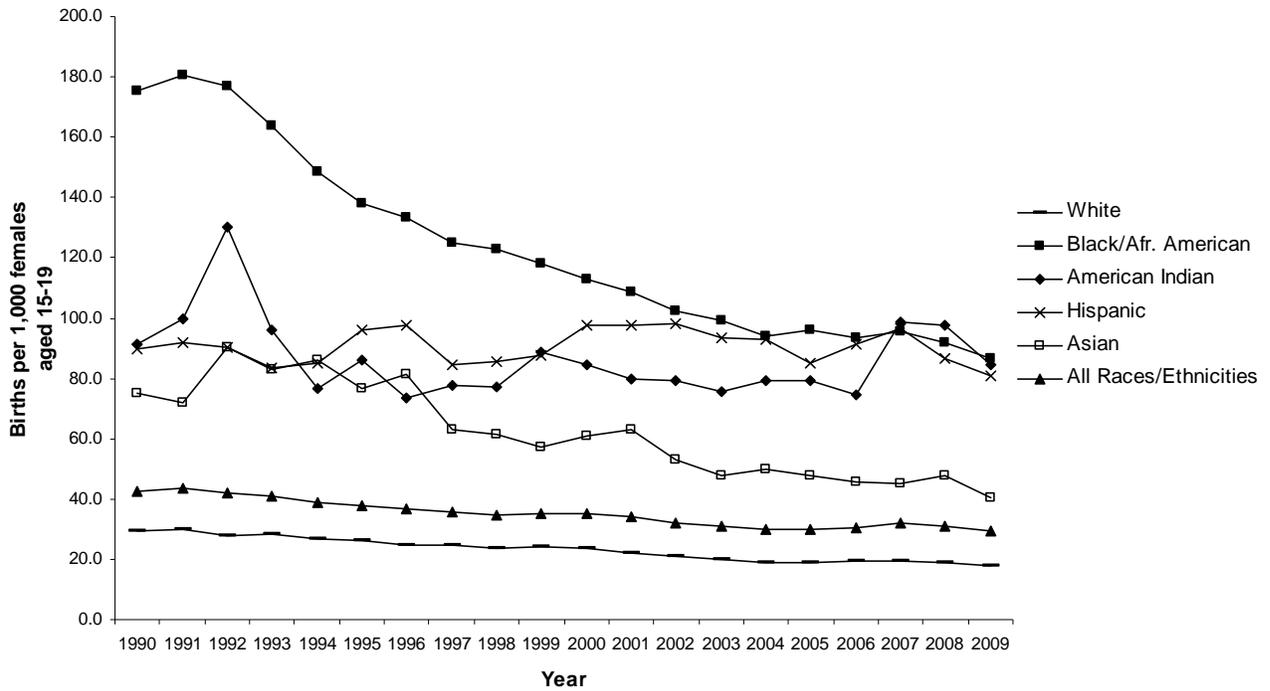
Population estimates, especially in relatively small and fast-growing populations, become less reliable with every year that passes after the Census on which they are based. This can affect the reliability of rates for some populations. Rates by race/ethnicity in the later half of the decade should thus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

The 2008 teen birth rates by race may be different from previously published numbers. Population estimates by race for inter-censal years are updated annually and may be different from those in previous years.

Birth rates are the number of births per 1,000 females in each age race/ethnicity group. The <18 and <20 birth rates are per 1,000 females aged 15-17 and 15-19, respectively, but include births to mothers under 15 years of age.

Totals include all births to mothers in these age groups, regardless of race/ethnicity.

Figure 2. Teen Birth Rates by Race/Ethnicity, 1990-2009



Sources: Wisconsin Office of Health Informatics, *Maternal and Child Health Statistics 1990-1994*; *Wisconsin Births and Infant Deaths* for the years 1995-2009.

Note: 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 later half of the decade should thus be viewed with caution.

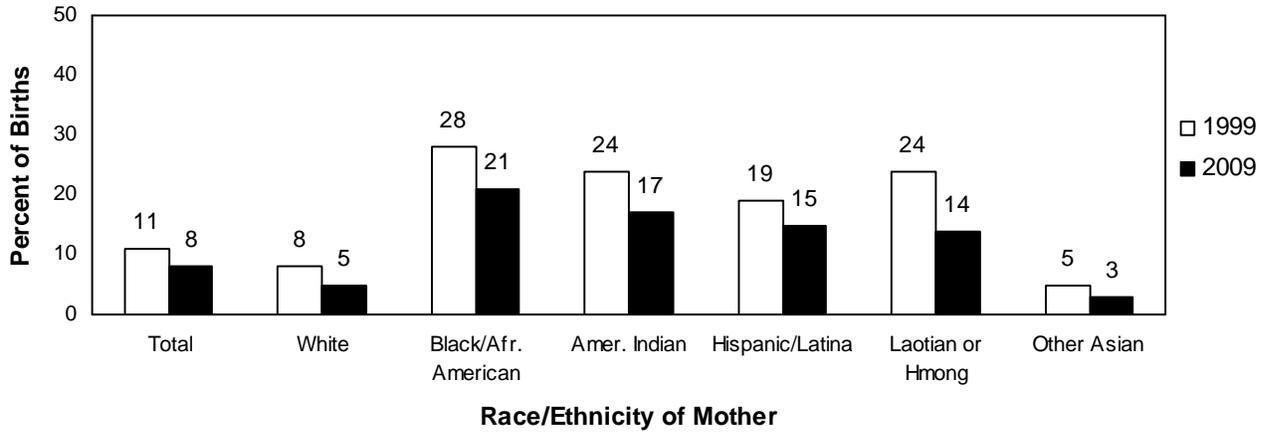
**Table 4. Teen Births and Rates by Race/Ethnicity, 1991-2009**

Year	Age	White		Black/African American		American Indian		Hispanic/Latina		Asian		All Races/Ethnicities	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1991	15-19	4,374	30.1	2,107	180.8	176	99.7	430	91.8	180	71.9	7,268	43.8
	<20	4,402	30.3	2,201	188.9	181	102.5	441	94.2	189	75.5	7,415	44.7
1992	15-19	4,051	27.7	2,078	177.1	222	130.0	458	90.3	240	90.1	7,049	42.1
	<20	4,087	27.9	2,177	185.6	223	130.6	465	91.7	256	96.1	7,208	43.0
1993	15-19	4,212	28.1	1,976	163.9	173	96.2	459	83.4	235	82.8	7,057	41.0
	<20	4,252	28.4	2,077	172.3	177	98.4	471	85.6	253	89.2	7,232	42.0
1994	15-19	4,086	26.6	1,876	148.6	144	76.4	508	84.9	259	86.3	6,876	38.8
	<20	4,134	26.9	1,961	155.3	147	78.0	527	88.0	265	88.3	7,037	39.8
1995	15-19	4,128	26.0	1,771	138.1	169	85.9	608	96.0	250	76.8	6,928	37.8
	<20	4,168	26.2	1,873	146.0	177	90.0	627	99.0	262	80.5	7,110	38.8
1996	15-19	4,061	24.9	1,787	133.3	151	73.3	667	97.4	294	81.2	6,963	36.8
	<20	4,080	25.0	1,881	140.3	156	75.7	678	99.1	308	85.1	7,106	37.5
1997	15-19	4,119	24.6	1,747	124.8	167	77.6	633	84.4	259	63.0	6,925	35.5
	<20	4,160	24.9	1,837	131.2	171	79.5	652	87.0	268	65.2	7,088	36.3
1998	15-19	4,006	23.4	1,772	122.7	175	77.4	697	85.4	284	61.2	6,936	34.5
	<20	4,036	23.6	1,832	126.8	177	78.3	708	86.8	292	62.9	7,047	35.1
1999	15-19	4,203	24.4	1,733	117.9	211	88.7	755	87.8	288	57.1	7,192	35.4
	<20	4,223	24.5	1,797	122.3	218	91.7	778	90.5	290	57.5	7,308	36.0
2000	15-19	3,961	23.6	1,634	112.6	194	84.6	866	97.6	315	60.9	6,978	35.2
	<20	3,987	23.8	1,686	116.2	195	85.0	881	99.3	320	61.9	7,077	35.7
2001	15-19	3,728	22.2	1,622	108.7	186	79.7	890	97.8	339	62.8	6,769	33.9
	<20	3,749	22.3	1,665	111.6	189	81.0	900	98.9	342	63.4	6,849	34.3
2002	15-19	3,483	20.8	1,546	102.4	186	79.3	912	98.2	298	53.1	6,426	32.2
	<20	3,509	21.0	1,600	106.0	189	80.6	932	100.3	303	54.0	6,534	32.7
2003	15-19	3,380	20.2	1,515	99.0	181	75.5	878	93.7	275	48.0	6,232	31.2
	<20	3,395	20.3	1,558	101.8	185	77.2	899	95.9	277	48.4	6,317	31.6
2004	15-19	3,163	19.0	1,458	94.2	189	79.5	892	93.1	289	49.9	5,995	30.0
	<20	3,178	19.1	1,504	97.2	193	81.2	917	95.7	290	50.1	6,086	30.5
2005	15-19	3,165	19.1	1,515	96.2	191	79.3	854	85.2	281	47.7	6,007	30.1
	<20	3,179	19.2	1,563	99.2	194	80.5	870	86.8	286	48.5	6,093	30.5
2006	15-19	3,115	19.2	1,494	93.7	177	74.5	953	91.4	265	45.9	6,008	30.6
	<20	3,139	19.4	1,540	96.6	181	76.2	967	92.7	269	46.6	6,100	31.1
2007	15-19	3,103	19.5	1,573	95.3	232	98.6	1,064	96.4	263	45.1	6,240	32.0
	<20	3,117	19.6	1,611	97.6	237	100.7	1,083	98.2	267	45.8	6,320	32.4
2008	15-19	2,959	18.7	1,547	91.7	226	97.8	1,000	86.5	278	47.7	6,020	30.9
	<20	2,974	18.8	1,586	94.0	228	98.6	1,019	88.1	279	47.8	6,096	31.3
2009	15-19	2,834	17.7	1,513	86.8	196	84.4	1,003	81.0	244	40.4	5,794	29.3
	<20	2,853	17.8	1,537	88.2	198	85.3	1,019	82.3	244	40.4	5,855	29.6

Sources: Wisconsin Office of Health Informatics, *Maternal and Child Health Statistics* for the years 1990-1994; *Wisconsin Births and Infant Deaths* for the years 1995-2009.

Note: All rates are births per 1,000 females aged 15-19. The <20 birth rates include births to mothers less than 15. 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 later half of the decade should thus be viewed with caution.

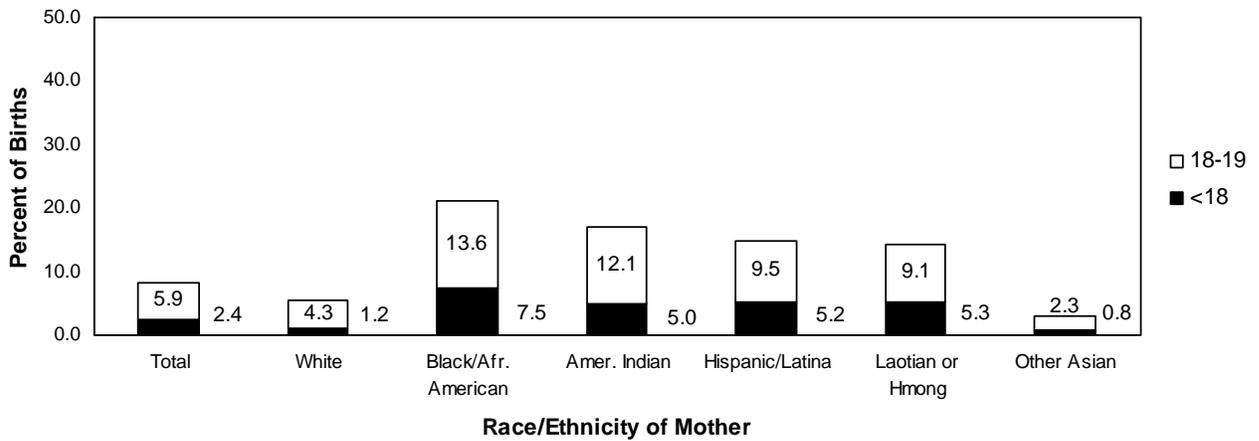
**Figure 3. Births to Teens as a Percent of All Births in Each Race/Ethnicity Group, Wisconsin, 1999 and 2009**



Source: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*.

Notes: Births to mothers of Hispanic origin are excluded from race categories in this figure (see Technical Notes). (In contrast, Table 12 includes mothers of Hispanic origin within race categories.)

**Figure 4. Births to Teens as a Percent of All Births in Each Race/Ethnicity Group, by Maternal Age, Wisconsin 2009**



Source: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*.

Notes: Births to mothers of Hispanic origin are excluded from race categories (see Technical Notes). (In contrast, Table 12 includes mothers of Hispanic origin within race categories.)

**Table 5. Births to Teens by Marital Status, Wisconsin, Selected Years**

Marital Status	1999	2002	2003	2004	2005	2006	2007	2008	2009
<b>Married</b>									
Number	1,149	1,048	897	839	850	807	695	641	590
Percent	15.7%	16.0%	14.2%	13.8%	14.0%	13.2%	11.0%	10.5%	10.1%
<b>Unmarried</b>									
Number	6,159	5,486	5,420	5,247	5,243	5,293	5,625	5,455	5,265
Percent	84.3%	84.0%	85.8%	86.2%	86.0%	86.8%	89.0%	89.5%	89.9%
Teen Births	7,308	6,534	6,317	6,086	6,093	6,100	6,320	6,096	5,855

Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths* for the years 1995-2009.  
 Note: Marital status was not reported for nine births in 2002 and ten births in 2003.

**Table 6. Births to Teens Who Received First-Trimester Prenatal Care, by Age Group, Wisconsin, 1999-2009**

Year	Less than 18		18-19		Less than 20		All Births/All Ages	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1999	1,520	60	3,401	71	4,921	67	57,203	84
2000	1,373	59	3,354	71	4,727	67	58,129	84
2001	1,345	60	3,219	70	4,564	67	57,747	84
2002	1,206	60	3,187	70	4,393	67	57,686	84
2003	1,196	61	3,147	72	4,343	69	59,296	85
2004	1,148	62	3,132	74	4,280	70	59,666	85
2005	1,119	60	3,123	74	4,242	70	60,309	85
2006	1,153	60	3,016	72	4,169	68	60,610	84
2007	1,141	58	3,102	71	4,243	67	60,275	83
2008	1,078	58	2,956	70	4,034	66	59,217	82
2009	1,049	63	3,002	72	4,051	69	59,060	83

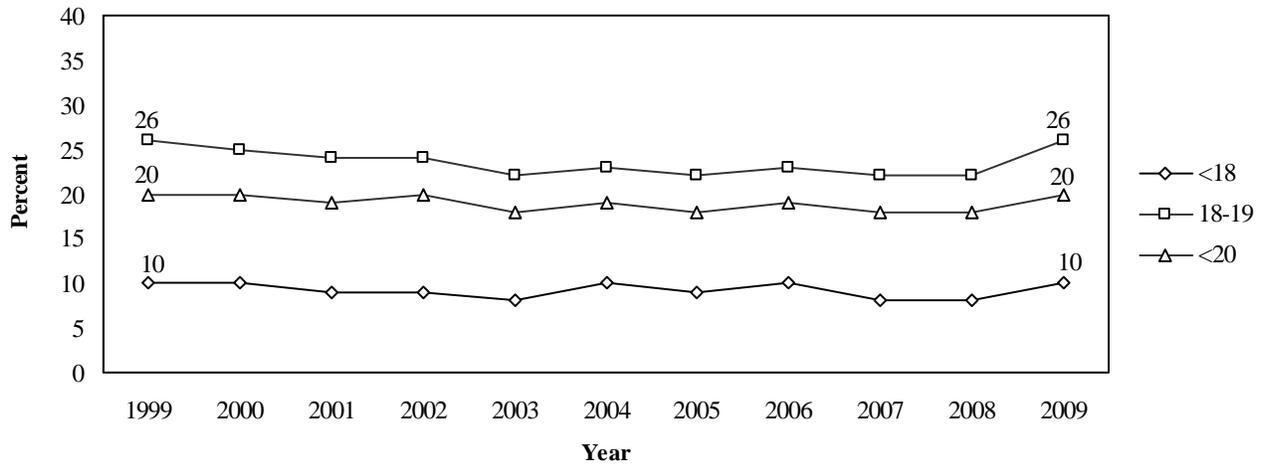
Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths* for the years 1995-2009.

**Table 7. Second Order or Higher Births to Teens by Age Group, Wisconsin, Selected Years**

Age Group	1999	2003	2004	2005	2006	2007	2008	2009
Less than 18	263	161	178	173	200	159	156	137
18-19	1,229	973	953	943	941	968	952	910
Total <20	1,492	1,134	1,131	1,116	1,141	1,127	1,108	1,047

Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths* for the years 1999-2009.  
 Notes: Birth order means order of present birth in relation to previous births.

**Figure 5. Percent of Second Order or Higher Births to Teens by Age Group, Wisconsin, 1999-2009**



Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths* for the years 1996-2009.

**Table 8. Births to Teens by Age Group and Selected Characteristics, Wisconsin 2009**

	<15	15-17	<18	18-19	<20	All Births All Ages
<b>Total</b>	<b>61</b>	<b>1,608</b>	<b>1,669</b>	<b>4,186</b>	<b>5,855</b>	<b>70,824</b>
<b>Race/Ethnicity of Mother</b>						
White	19	602	621	2,232	2,853	52,454
Black/African American	24	520	544	993	1,537	7,281
American Indian	2	56	58	140	198	1,159
Hispanic/Latina	16	346	362	657	1,019	6,926
Laotian or Hmong	-	72	72	124	196	1,368
Other Asian	-	12	12	36	48	1,595
Unknown	-	-	-	4	4	41
<b>Education of Mother</b>						
Elementary or Less	46	77	123	70	193	2,702
Some High School	14	1,378	1,392	1,242	2,634	7,319
High School Graduate	-	126	126	2,426	2,552	19,663
Some College	-	1	1	417	418	18,386
College Graduate	-	-	-	-	-	15,116
Post-Graduate	-	2	2	1	3	7,144
Unknown	1	24	25	30	55	494
<b>Marital Status</b>						
Married	-	93	93	497	590	44,124
Unmarried	61	1,515	1,576	3,689	5,265	26,656
Unknown	-	-	-	-	-	44
<b>Trimester Prenatal Care Began</b>						
First	29	1,020	1,049	3,002	4,051	59,060
Second	20	464	484	911	1,395	8,690
Third	7	73	80	150	230	1,582
No Prenatal Care	2	25	27	42	69	426
Unknown	3	26	29	81	110	1,066
<b>Number of Prenatal Care Visits</b>						
No Visits	2	25	27	42	69	426
1-4	7	79	86	158	244	1,790
5-9	20	416	436	1,026	1,462	11,921
10-12	17	610	627	1,654	2,281	29,792
13+	12	435	447	1,219	1,666	25,655
Unknown	3	43	46	87	133	1,240
<b>Birthweight</b>						
<1,500 grams	2	34	36	61	97	864
1500-2,499 grams	2	135	137	286	423	4,176
2,500+ grams	57	1,438	1,495	3,838	5,333	65,768
Unknown	-	1	1	1	2	16
<2,500 grams	4	169	173	347	520	5,040

(Continued)

**Table 8. Births to Teens by Age Group and Selected Characteristics, Wisconsin 2009**

	<15	15-17	<18	18-19	<20	All Births All Ages
<b>Smoked During Pregnancy</b>						
No	56	1,404	1,460	3,228	4,688	60,469
Yes	4	197	201	931	1,132	9,989
Unknown	1	7	8	27	35	366
<b>Live Birth Order</b>						
First	60	1,472	1,532	3,276	4,808	27,487
Second	-	121	121	785	906	22,868
Third	1	13	14	111	125	11,767
Fourth	-	-	-	9	9	4,879
Fifth or Higher	-	-	-	3	3	3,763
Unknown	-	2	2	2	4	60
<b>Plurality</b>						
Single Birth	61	1,584	1,645	4,108	5,753	68,441
Multiple Birth	-	24	24	78	102	2,383

Source: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*.

Notes: Included in the total of all births are 18 births for which age of mother was not reported. Births to mothers of Hispanic origin are excluded from race categories (see Technical Notes). (In contrast, Table 12 includes mothers of Hispanic origin within race categories.) A dash (-) indicates there were no births in that category.

**Table 9. Fetal, Neonatal, and Infant Deaths by Teen Age Group, Wisconsin 2009**

	<15	15-17	<18	18-19	15-19	<20	All Deaths All Ages
<b>Fetal deaths</b>							
Number	-	6	6	29	35	35	341
Rate	-	-	-	6.9	6.0	5.9	4.8
<b>Neonatal deaths</b>							
Number	1	19	20	22	41	42	281
Rate	-	-	12.0	5.3	7.1	7.2	4.0
<b>Infant deaths</b>							
Number	2	26	28	38	64	66	426
Rate	-	16.2	16.8	9.1	11.0	11.3	6.0

Source: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*.

Notes: The fetal death rate is the number of reported fetal deaths per 1,000 live births and fetal deaths (see Technical Notes). (Fetal deaths are reportable only when fetal gestation is 20 weeks or more.)

The neonatal death rate is the number of deaths occurring before 28 days of age, per 1,000 live births.

The infant death rate is the number of deaths occurring before one year of age, per 1,000 live births.

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

**Local Information**

**Table 10. Births to Teens by Age Group and County of Residence, Wisconsin 2009**

<b>County</b>	<b>&lt;15</b>	<b>15-17</b>	<b>&lt;18</b>	<b>18-19</b>	<b>&lt;20</b>	<b>All Births All Ages</b>
<b>Total</b>	<b>61</b>	<b>1,608</b>	<b>1,669</b>	<b>4,186</b>	<b>5,855</b>	<b>70,824</b>
Adams	-	7	7	27	34	172
Ashland	-	4	4	9	13	207
Barron	-	4	4	32	36	499
Bayfield	-	3	3	7	10	133
Brown	2	83	85	197	282	3,428
Buffalo	-	2	2	5	7	148
Burnett	-	5	5	12	17	144
Calumet	-	4	4	16	20	584
Chippewa	-	11	11	42	53	758
Clark	-	5	5	28	33	574
Columbia	-	7	7	31	38	662
Crawford	-	1	1	11	12	185
Dane	6	88	94	236	330	6,124
Dodge	-	8	8	43	51	884
Door	-	3	3	10	13	271
Douglas	-	12	12	35	47	484
Dunn	-	7	7	21	28	455
Eau Claire	1	17	18	49	67	1,167
Florence	-	1	1	2	3	37
Fond du Lac	1	14	15	83	98	1,174
Forest	-	5	5	9	14	106
Grant	-	5	5	26	31	563
Green	-	12	12	25	37	436
Green Lake	-	1	1	14	15	210
Iowa	-	1	1	11	12	313
Iron	-	-	-	2	2	36
Jackson	-	5	5	17	22	259
Jefferson	-	13	13	54	67	997
Juneau	-	9	9	18	27	284
Kenosha	2	72	74	171	245	2,174
Kewaunee	-	2	2	8	10	227
La Crosse	-	19	19	71	90	1,372
Lafayette	-	2	2	6	8	206
Langlade	-	11	11	8	19	180
Lincoln	1	2	3	26	29	320
Manitowoc	1	18	19	42	61	813
Marathon	1	27	28	97	125	1,664
Marinette	-	8	8	29	37	384
Marquette	1	3	4	7	11	154
Menominee	-	10	10	12	22	95
Milwaukee	33	644	677	1,294	1,971	15,248
Monroe	-	15	15	36	51	632

(Continued)

**Local Information**

**Table 10. Births to Teens by Age Group and County of Residence, Wisconsin 2009**

<b>County</b>	<b>&lt;15</b>	<b>15-17</b>	<b>&lt;18</b>	<b>18-19</b>	<b>&lt;20</b>	<b>All Births All Ages</b>
Oconto	-	4	4	31	35	414
Oneida	-	6	6	22	28	315
Outagamie	-	43	43	104	147	2,236
Ozaukee	-	4	4	9	13	783
Pepin	-	1	1	5	6	104
Pierce	-	3	3	15	18	416
Polk	-	6	6	37	43	512
Portage	-	10	10	34	44	808
Price	-	1	1	5	6	114
Racine	3	85	88	177	265	2,583
Richland	-	2	2	8	10	225
Rock	-	55	55	174	229	1,980
Rusk	-	3	3	14	17	169
St. Croix	-	6	6	21	27	1,141
Sauk	-	9	9	50	59	787
Sawyer	1	5	6	17	23	195
Shawano	-	9	9	23	32	432
Sheboygan	1	30	31	75	106	1,346
Taylor	-	4	4	8	12	249
Trempealeau	1	6	7	17	24	379
Vernon	-	8	8	12	20	441
Vilas	-	5	5	20	25	201
Walworth	-	19	19	49	68	1,145
Washburn	-	3	3	8	11	162
Washington	-	11	11	52	63	1,539
Waukesha	2	42	44	89	133	3,751
Waupaca	3	13	16	42	58	586
Waushara	-	2	2	22	24	234
Winnebago	1	31	32	109	141	1,961
Wood	-	12	12	58	70	853

Source: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*.

Notes: Included in the "all births" column are 18 births for which age of mother was not reported. A dash (-) indicates there were no births in that category.

**Local Information**

**Table 11. Teen Birth Rates and Estimated Pregnancy Rates by Age Group and County of Residence, Wisconsin 2009**

County	Birth Rate			Estimated Pregnancy Rate		
	<18	18-19	<20	<18	18-19	<20
<b>Total</b>	<b>14.4</b>	<b>50.9</b>	<b>29.6</b>	<b>18.7</b>	<b>61.9</b>	<b>36.7</b>
Adams	-	120.0	69.7	-	124.4	71.7
Ashland	-	-	-	-	-	-
Barron	-	48.3	23.7	-	48.3	23.7
Bayfield	-	-	-	-	-	-
Brown	16.5	54.8	32.2	20.0	67.3	39.4
Buffalo	-	-	-	-	-	-
Burnett	-	-	-	-	-	-
Calumet	-	-	12.8	-	-	13.5
Chippewa	-	49.8	27.4	-	50.9	28.0
Clark	-	51.7	25.3	-	53.5	26.8
Columbia	-	42.4	21.6	-	56.1	31.3
Crawford	-	-	-	-	-	-
Dane	9.3	33.3	19.2	14.4	48.7	28.5
Dodge	-	39.2	19.0	-	52.0	27.2
Door	-	-	-	-	-	-
Douglas	-	60.1	34.0	-	60.1	34.0
Dunn	-	24.1	13.2	-	26.4	14.7
Eau Claire	-	25.5	14.1	-	26.6	14.5
Florence	-	-	-	-	-	-
Fond du Lac	-	58.0	28.9	11.7	65.7	34.5
Forest	-	-	-	-	-	-
Grant	-	29.9	14.6	-	33.3	16.9
Green	-	50.9	30.5	-	57.0	33.8
Green Lake	-	-	-	-	-	-
Iowa	-	-	-	-	-	-
Iron	-	-	-	-	-	-
Jackson	-	-	36.4	-	-	41.4
Jefferson	-	43.9	22.8	-	55.2	28.9
Juneau	-	-	33.4	-	85.7	44.5
Kenosha	21.8	70.6	42.1	25.7	78.8	47.8
Kewaunee	-	-	-	-	-	-
La Crosse	-	33.0	17.5	8.7	35.3	19.8
Lafayette	-	-	-	-	-	-
Langlade	-	-	-	-	-	32.9
Lincoln	-	64.0	30.4	-	71.4	33.6
Manitowoc	-	35.8	21.6	14.5	46.9	28.0
Marathon	10.3	49.3	26.7	12.9	57.4	31.6
Marinette	-	49.8	27.6	-	56.7	31.3
Marquette	-	-	-	-	-	-
Menominee	-	-	107.3	-	-	126.8
Milwaukee	34.4	94.8	59.2	44.4	119.3	75.1
Monroe	-	55.6	33.7	-	61.8	38.3

(Continued)

## Local Information

**Table 11. Teen Birth Rates and Estimated Pregnancy Rates by Age Group and County of Residence, Wisconsin 2009**

County	Birth Rate			Estimated Pregnancy Rate		
	<18	18-19	<20	<18	18-19	<20
Oconto	-	57.1	27.1	-	64.5	31.7
Oneida	-	46.0	25.1	-	48.1	26.9
Outagamie	11.9	40.8	23.9	17.2	53.4	32.1
Ozaukee	-	-	-	-	-	8.0
Pepin	-	-	-	-	-	-
Pierce	-	-	-	-	-	-
Polk	-	56.2	29.0	-	56.2	29.0
Portage	-	25.6	13.6	-	31.7	18.2
Price	-	-	-	-	-	-
Racine	22.8	65.0	40.2	27.4	77.1	48.0
Richland	-	-	-	-	-	-
Rock	17.0	78.0	41.9	20.1	85.6	46.9
Rusk	-	-	-	-	-	-
St. Croix	-	18.4	10.1	-	18.4	10.1
Sauk	-	63.2	31.1	-	82.2	42.7
Sawyer	-	-	46.9	-	-	46.9
Shawano	-	39.0	24.1	-	49.2	33.2
Sheboygan	13.9	46.2	27.5	17.4	55.4	33.4
Taylor	-	-	-	-	-	-
Trempealeau	-	-	26.3	-	-	27.4
Vernon	-	-	19.1	-	-	22.9
Vilas	-	85.8	43.5	-	94.4	47.0
Walworth	-	35.1	20.0	10.0	44.4	24.1
Washburn	-	-	-	-	-	-
Washington	-	30.6	15.1	8.5	37.1	20.2
Waukesha	5.8	16.4	10.2	9.8	24.4	15.9
Waupaca	-	55.6	32.3	-	60.8	35.1
Waushara	-	68.3	33.6	-	74.5	39.2
Winnebago	8.8	42.6	22.8	14.4	52.0	29.9
Wood	-	57.1	28.9	-	64.0	33.8

Sources: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*; and *Reported Induced Terminations of Pregnancy in Wisconsin, 2009*. Population estimates used to calculate rates are provisional and subject to revision.

Notes: A birth rate is not calculated when there were fewer than 20 births for an age group in a county; this is indicated with a dash (-). Rates are per 1,000 females in the age group. The birth rates for mothers <20 and for mothers <18 include births to mothers below age 15.

$$\text{<20 Birth Rate} = 1,000 \times \left( \frac{\text{No. of resident live births to mothers <20}}{\text{No. of females 15-19}} \right)$$

$$\text{<18 Birth Rate} = 1,000 \times \left( \frac{\text{No. of resident live births to mothers <18}}{\text{No. of females 15-17}} \right)$$

The pregnancy rate is an estimate based on the number of live births, reported fetal deaths, and reported induced terminations of pregnancy. This underestimates the actual number of pregnancies because it does not include miscarriages not reported as fetal deaths. Fetal deaths are reportable when fetal gestation is 20 weeks or more. Pregnancies from border counties may also be underestimated because of limited reporting by out-of-state facilities.

**Local Information**

**Table 12. Births to Teens by Age Group, Race of Mother and County of Residence, Wisconsin 2009**

County	Total	<18			18-19			Total <20		
		White American	Black/Afr. American	Other	White American	Black/Afr. American	Other	White American	Black/Afr. American	Other
<b>Total</b>	<b>5,855</b>	<b>956</b>	<b>559</b>	<b>154</b>	<b>2,849</b>	<b>1,012</b>	<b>325</b>	<b>3,805</b>	<b>1,571</b>	<b>479</b>
Adams	34	7	-	-	26	-	1	33	-	1
Ashland	13	3	-	1	8	-	1	11	-	2
Barron	36	4	-	-	30	-	2	34	-	2
Bayfield	10	-	1	2	5	-	2	5	1	4
Brown	282	48	17	20	138	18	41	186	35	61
Buffalo	7	2	-	-	5	-	-	7	-	-
Burnett	17	5	-	-	9	-	3	14	-	3
Calumet	20	2	-	2	13	-	3	15	-	5
Chippewa	53	8	2	1	42	-	-	50	2	1
Clark	33	4	-	1	26	-	2	30	-	3
Columbia	38	7	-	-	30	1	-	37	1	-
Crawford	12	-	1	-	10	-	1	10	1	1
Dane	330	57	29	8	154	66	16	211	95	24
Dodge	51	8	-	-	43	-	-	51	-	-
Door	13	3	-	-	10	-	-	13	-	-
Douglas	47	10	-	2	28	1	6	38	1	8
Dunn	28	6	-	1	19	1	1	25	1	2
Eau Claire	67	14	1	3	43	3	3	57	4	6
Florence	3	1	-	-	1	-	1	2	-	1
Fond du Lac	98	13	-	2	77	3	3	90	3	5
Forest	14	4	-	1	6	-	3	10	-	4
Grant	31	5	-	-	25	1	-	30	1	-
Green	37	12	-	-	25	-	-	37	-	-
Green Lake	15	1	-	-	14	-	-	15	-	-
Iowa	12	1	-	-	11	-	-	12	-	-
Iron	2	-	-	-	2	-	-	2	-	-
Jackson	22	5	-	-	14	-	3	19	-	3
Jefferson	67	11	2	-	54	-	-	65	2	-
Juneau	27	9	-	-	15	1	2	24	1	2
Kenosha	245	47	24	3	133	34	4	180	58	7
Kewaunee	10	2	-	-	8	-	-	10	-	-
La Crosse	90	9	4	6	57	1	13	66	5	19
Lafayette	8	2	-	-	6	-	-	8	-	-
Langlade	19	9	-	2	8	-	-	17	-	2
Lincoln	29	3	-	-	26	-	-	29	-	-
Manitowoc	61	17	-	2	36	-	6	53	-	8

(Continued)

**Table 12. Births to Teens by Age Group, Race of Mother and County of Residence, Wisconsin 2009**

County	Total	<18			18-19			Total <20		
		White	Black/Afr. American	Other	White	Black/Afr. American	Other	White	Black/Afr. American	Other
Marathon	125	18	-	10	70	-	27	88	-	37
Marinette	37	8	-	-	25	-	4	33	-	4
Marquette	11	4	-	-	7	-	-	11	-	-
Menominee	22	-	-	10	1	-	11	1	-	21
Milwaukee	1,971	219	415	43	443	773	78	662	1,188	121
Monroe	51	14	1	-	36	-	-	50	1	-
Oconto	35	4	-	-	28	-	3	32	-	3
Oneida	28	5	-	1	19	-	3	24	-	4
Outagamie	147	36	1	6	92	3	9	128	4	15
Ozaukee	13	3	1	-	9	-	-	12	1	-
Pepin	6	1	-	-	5	-	-	6	-	-
Pierce	18	3	-	-	15	-	-	18	-	-
Polk	43	6	-	-	34	-	3	40	-	3
Portage	44	7	-	3	31	-	3	38	-	6
Price	6	1	-	-	5	-	-	6	-	-
Racine	265	48	40	-	118	58	1	166	98	1
Richland	10	2	-	-	8	-	-	10	-	-
Rock	229	45	9	1	137	36	1	182	45	2
Rusk	17	3	-	-	14	-	-	17	-	-
St. Croix	27	5	-	1	18	-	3	23	-	4
Sauk	59	8	1	-	48	-	2	56	1	2
Sawyer	23	4	-	2	7	-	10	11	-	12
Shawano	32	4	-	5	17	-	6	21	-	11
Sheboygan	106	22	1	8	55	3	17	77	4	25
Taylor	12	3	-	1	8	-	-	11	-	1
Trempealeau	24	7	-	-	16	-	1	23	-	1
Vernon	20	7	1	-	12	-	-	19	1	-
Vilas	25	5	-	-	12	-	8	17	-	8
Walworth	68	17	2	-	48	1	-	65	3	-
Washburn	11	3	-	-	8	-	-	11	-	-
Washington	63	11	-	-	51	-	1	62	-	1
Waukesha	133	41	3	-	84	3	2	125	6	2
Waupaca	58	16	-	-	40	1	1	56	1	1
Waushara	24	2	-	-	22	-	-	24	-	-
Winnebago	141	24	3	5	95	4	10	119	7	15
Wood	70	11	-	1	54	-	4	65	-	5

Source: Resident birth certificates, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services.

Note: In this table, births to mothers of Hispanic/Latina origin are included within the race categories (see Technical Notes). This differs from the other tables related to race/ethnicity in this report. A dash (-) indicates there were no births in that category.

**Local Information**

**Table 13. Births to Unmarried Teens by Age Group and County of Residence, Wisconsin 2009**

<b>County</b>	<b>&lt;15</b>	<b>15-17</b>	<b>&lt;18</b>	<b>18-19</b>	<b>&lt;20</b>	<b>All Nonmarital Births</b>
<b>Total</b>	61	1,515	1,576	3,689	5,265	26,656
Adams	-	6	6	21	27	80
Ashland	-	n/s	n/s	5	9	81
Barron	-	n/s	n/s	25	29	183
Bayfield	-	n/s	n/s	6	9	40
Brown	n/s	76	78	171	249	1,266
Buffalo	-	n/s	n/s	4	6	45
Burnett	-	5	5	12	17	67
Calumet	-	n/s	n/s	14	16	109
Chippewa	-	11	11	36	47	230
Clark	-	4	4	25	29	127
Columbia	-	7	7	27	34	198
Crawford	-	n/s	n/s	6	7	66
Dane	6	82	88	220	308	1,802
Dodge	-	8	8	34	42	285
Door	-	n/s	n/s	10	13	88
Douglas	-	12	12	30	42	218
Dunn	-	6	6	16	22	127
Eau Claire	n/s	16	17	42	59	395
Florence	-	n/s	n/s	n/s	n/s	16
Fond du Lac	n/s	12	13	71	84	386
Forest	-	5	5	9	14	58
Grant	-	5	5	20	25	154
Green	-	10	10	22	32	143
Green Lake	-	n/s	n/s	12	13	56
Iowa	-	n/s	n/s	8	9	72
Iron	-	-	-	n/s	n/s	14
Jackson	-	3	3	14	17	98
Jefferson	-	11	11	42	53	314
Juneau	-	7	7	15	22	111
Kenosha	n/s	67	69	152	221	953
Kewaunee	-	n/s	n/s	8	9	56
La Crosse	-	18	18	58	76	385
Lafayette	-	n/s	n/s	5	7	54
Langlade	-	10	10	7	17	87
Lincoln	n/s	n/s	n/s	23	26	121
Manitowoc	n/s	17	18	31	49	268
Marathon	n/s	21	22	75	97	501
Marinette	-	7	7	27	34	152
Marquette	n/s	n/s	n/s	4	8	59
Menominee	-	10	10	12	22	78
Milwaukee	33	629	662	1,213	1,875	8,685
Monroe	-	14	14	30	44	223

(Continued)

**Local Information**

**Table 13. Births to Unmarried Teens by Age Group and County of Residence, Wisconsin 2009**

County	<15	15-17	<18	18-19	<20	All Nonmarital Births
Oconto	-	n/s	n/s	26	30	130
Oneida	-	6	6	14	20	106
Outagamie	-	40	40	88	128	650
Ozaukee	-	n/s	n/s	9	13	136
Pepin	-	n/s	n/s	4	5	26
Pierce	-	n/s	n/s	12	15	103
Polk	-	6	6	36	42	172
Portage	-	6	6	25	31	223
Price	-	n/s	n/s	3	4	34
Racine	n/s	77	80	165	245	1,226
Richland	-	n/s	n/s	6	8	68
Rock	-	52	52	163	215	894
Rusk	-	n/s	n/s	14	17	66
St. Croix	-	6	6	17	23	257
Sauk	-	7	7	40	47	291
Sawyer	n/s	5	6	16	22	102
Shawano	-	9	9	19	28	152
Sheboygan	n/s	24	25	58	83	404
Taylor	-	n/s	n/s	5	9	68
Trempealeau	n/s	6	7	12	19	147
Vernon	-	8	8	10	18	102
Vilas	-	5	5	19	24	105
Walworth	-	18	18	41	59	376
Washburn	-	n/s	n/s	6	9	54
Washington	-	10	10	51	61	320
Waukesha	n/s	42	44	76	120	751
Waupaca	n/s	11	14	34	48	195
Waushara	-	n/s	n/s	14	16	73
Winnebago	n/s	29	30	93	123	670
Wood	-	12	12	47	59	304

Source: Wisconsin Office of Health Informatics, *Wisconsin Births and Infant Deaths, 2009*.

Notes: A dash (-) indicates 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 10).

## Local Information

**Table 14. Births by Teen Age Group and Selected Places of Residence, Wisconsin 2009**

City	<15	15-17	<18	18-19	<20	All Births
Appleton	-	24	24	64	88	1,169
Beloit	-	24	24	76	100	570
Brookfield	-	1	1	5	6	275
Caledonia (V)	-	4	4	14	18	254
De Pere	-	3	3	8	11	320
Eau Claire	1	10	11	38	49	786
Fitchburg	1	11	12	23	35	417
Fond du Lac	1	6	7	52	59	644
Franklin	-	4	4	6	10	358
Grand Chute (T)	-	1	1	4	5	128
Green Bay	2	66	68	143	211	1,950
Greenfield	-	3	3	16	19	391
Janesville	-	17	17	65	82	800
Kenosha	2	63	65	135	200	1,631
La Crosse	-	15	15	41	56	586
Madison	4	49	53	121	174	2,892
Manitowoc	-	11	11	25	36	385
Menomonee Falls (V)	-	3	3	8	11	366
Mequon/Thiensville	-	1	1	1	2	180
Milwaukee	31	598	629	1,149	1,778	11,130
Mount Pleasant (V)	-	4	4	13	17	284
Muskego	-	5	5	2	7	208
Neenah/Menasha	-	10	10	38	48	705
New Berlin	-	1	1	5	6	309
Oak Creek	-	5	5	12	17	439
Oshkosh	1	14	15	48	63	774
Racine	3	68	71	126	197	1,439
Sheboygan	1	28	29	53	82	732
South Milwaukee	-	6	6	16	22	233
Stevens Point	-	3	3	12	15	321
Sun Prairie	-	7	7	20	27	450
Superior	-	9	9	28	37	329
Watertown	-	5	5	24	29	335
Waukesha	2	21	23	38	61	1,008
Wausau	1	12	13	38	51	580
Wauwatosa	-	2	2	8	10	628
West Allis	2	16	18	44	62	825
West Bend	-	6	6	18	24	454

Source: Resident birth certificates, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services.

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

This table includes cities with a population of 20,000 or more. Combined areas include: Mequon (C) with Thiensville (V); and Neenah (C) with Menasha (C).

**Table 15. Teen Birth Rates by Selected Cities of Residence, Wisconsin 2009**

<b>City</b>	<b>Teen Birth Rate (15-19)</b>	<b>Teen Birth Rate (&lt;20)</b>
Green Bay	59.4	60.0
Kenosha	60.6	61.2
Madison	19.8	20.3
Milwaukee	78.6	80.0
Racine	68.9	69.9
Wisconsin	29.3	29.6

Source: Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services.

Notes: The teen birth rate is the number of resident live births per 1,000 females aged 15-19; the <20 rate includes births to mothers less than 15 years old.

Population estimates used in calculating rates are provisional and subject to revision. These are the only Wisconsin cities for which population estimates by age and sex are available.

**Trend Information**

**Table 16. Births to Teens by County of Residence, Wisconsin 1999-2009**

<b>County</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Total</b>	<b>7,308</b>	<b>7,077</b>	<b>6,849</b>	<b>6,534</b>	<b>6,317</b>	<b>6,086</b>	<b>6,093</b>	<b>6,100</b>	<b>6,320</b>	<b>6,096</b>	<b>5,855</b>
Adams	23	20	23	26	21	24	26	24	27	35	34
Ashland	26	33	19	22	28	10	22	17	22	24	13
Barron	60	45	55	63	47	41	45	50	45	44	36
Bayfield	21	8	14	12	6	13	10	8	11	8	10
Brown	290	332	290	304	300	262	279	276	304	306	282
Buffalo	9	15	12	11	7	7	13	11	9	4	7
Burnett	24	18	23	22	18	16	16	21	15	18	17
Calumet	30	20	33	19	33	31	22	25	22	26	20
Chippewa	87	73	68	62	45	58	56	52	58	59	53
Clark	35	37	36	42	36	37	38	31	36	22	33
Columbia	38	42	42	39	42	44	41	45	42	38	38
Crawford	23	25	22	25	16	13	14	16	13	21	12
Dane	339	382	358	335	306	343	321	325	364	315	330
Dodge	98	100	80	80	79	72	71	77	63	68	51
Door	20	25	21	18	19	17	19	17	14	15	13
Douglas	66	65	53	46	51	44	38	43	44	41	47
Dunn	38	34	40	33	43	34	35	27	46	33	28
Eau Claire	89	85	91	83	89	77	87	82	90	81	67
Florence	2	5	1	4	2	-	1	2	3	4	3
Fond du Lac	120	101	102	91	86	86	102	94	100	81	98
Forest	19	11	17	18	16	14	15	15	12	11	14
Grant	40	47	37	45	55	49	39	35	44	45	31
Green	38	26	31	30	27	28	34	36	31	30	37
Green Lake	14	26	18	19	17	17	16	11	14	21	15
Iowa	18	19	19	21	13	14	16	27	17	11	12
Iron	1	8	1	-	3	4	1	6	1	3	2
Jackson	32	31	21	22	26	29	23	27	26	21	22
Jefferson	88	79	70	83	74	59	85	64	64	62	67
Juneau	41	39	34	37	29	30	23	35	41	29	27
Kenosha	262	245	222	232	228	199	185	211	222	256	245
Kewaunee	18	19	13	17	16	13	13	10	11	10	10
La Crosse	114	81	105	95	108	95	94	103	99	86	90
Lafayette	14	16	20	13	8	19	9	10	13	14	8
Langlade	38	34	30	34	24	24	27	18	31	22	19
Lincoln	33	25	27	33	27	30	23	33	31	29	29
Manitowoc	90	85	80	88	101	76	77	71	81	72	61

(Continued)

## Trend Information

**Table 16. Births to Teens by County of Residence, Wisconsin 1999-2009**

County	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Marathon	143	141	119	137	104	107	122	126	112	117	125
Marinette	42	53	49	39	38	53	49	43	34	34	37
Marquette	21	21	31	19	14	22	18	13	21	10	11
Menominee	23	18	27	16	18	23	25	24	29	34	22
Milwaukee	2,480	2,331	2,326	2,184	2,092	2,042	2,034	2,051	2,085	2,033	1,971
Monroe	53	71	56	52	51	76	50	57	59	60	51
Oconto	42	30	32	33	38	30	27	35	31	27	35
Oneida	26	27	28	21	26	19	29	23	28	32	28
Outagamie	171	162	161	172	145	110	124	125	140	141	147
Ozaukee	32	29	27	28	29	30	25	24	22	26	13
Pepin	9	7	8	6	5	4	2	3	6	1	6
Pierce	27	31	19	27	16	21	28	25	17	15	18
Polk	47	40	46	35	39	35	35	49	41	44	43
Portage	77	84	68	71	66	52	48	44	69	53	44
Price	13	7	9	10	11	8	11	9	4	7	6
Racine	348	352	291	328	324	281	303	299	312	290	265
Richland	18	15	22	12	16	13	12	14	11	25	10
Rock	266	257	273	244	232	226	233	218	248	212	229
Rusk	27	12	21	17	14	20	15	10	17	17	17
St. Croix	50	55	46	31	41	43	46	38	36	38	27
Sauk	63	63	75	79	56	64	65	70	72	64	59
Sawyer	28	32	32	22	18	29	30	24	31	19	23
Shawano	45	38	43	42	35	42	39	48	34	38	32
Sheboygan	150	132	138	107	125	122	135	113	116	115	106
Taylor	21	17	20	17	17	17	20	7	20	10	12
Trempealeau	24	24	29	16	29	35	22	27	26	26	24
Vernon	29	36	21	29	22	20	26	20	18	15	20
Vilas	14	18	20	18	22	11	15	15	27	18	25
Walworth	112	100	114	93	103	118	83	96	99	90	68
Washburn	19	20	22	18	14	15	20	15	12	16	11
Washington	89	77	76	63	70	45	54	60	63	91	63
Waukesha	174	191	146	153	147	142	138	156	135	116	133
Waupaca	52	56	53	46	63	50	41	47	49	50	58
Waushara	35	24	34	34	37	27	29	23	28	21	24
Winnebago	158	157	141	129	136	137	136	135	129	135	141
Wood	82	93	98	62	58	68	68	59	73	91	70

Source: Resident birth certificates, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services.

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

## Definitions, Explanations of Terms, and Limitations of the Data

**Teens.** “Teens” in this report are females under 20 years of age. “Younger teens” are less than 18 years of age. “Older teens” are 18 to 19 years of age.

**Population Estimates.** The Department of Health Services, Office of Health Informatics, produces mid-year population estimates for the counties and state of Wisconsin by age, sex, race, and Hispanic ethnicity for non-Census years. These estimates are used to calculate population-based health statistics, such as teen birth rates.

**Race/Ethnicity Classifications.** The Office of Health Informatics has reported maternal and child health data by race and ethnicity two different ways. The first presentation of data excludes persons of Hispanic/Latina ethnicity from any of the race categories and shows data for Hispanics/Latinas separately. Most of the tables and graphs in this report present the race/ethnicity data in this format. Table 12 includes Hispanics/Latinas within the racial categories.

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

### 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 2009, rather than the mortality experience of the 2009 birth cohort, to allow more timely reporting on infant mortality.

**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 voluntary muscles.” By Wisconsin statute, a stillbirth of at least 20 weeks’ gestation or 350 grams must be reported. Some 2009 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. (Note: A fetal death report is not used for induced terminations of pregnancy.)

**Limitations of the Data.** Vital records information may have 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 the states has been in operation for several decades to allocate birth and death certificates to the state of residence. Although this exchange program is not totally complete, the incompleteness is not of sufficient magnitude to seriously affect natality and infant mortality statistics.

Edit checks are incorporated in the software used for electronic transmission of birth certificate data, and the Vital Records Registration and Statistics Unit 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.





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***Births to Teens in Wisconsin, 2009***  
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Division of Public Health  
Office of Health Informatics