

2005

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# Births To Teens

## In Wisconsin

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*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 annual reports on vital statistics. *Births to Teens in Wisconsin, 2005* 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 Bureau of Health Information and Policy, Division of Public Health, Wisconsin Department of Health and Family Services.

The material in this report was compiled by Laura Ninneman in the Vital Records Section of the Bureau of Health Information and Policy. Pat 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; 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 site, at <http://dhfs.wisconsin.gov/stats/>. Wisconsin Interactive Statistics on Health (WISH) is an online data query system, located at <http://dhfs.wisconsin.gov/wish>, which includes birth data for multiple years and geographic areas in Wisconsin. 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 on teen births, based primarily on data collected from the confidential portion of the birth record. It presents data for 2005 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.

This year the report includes a new figure and table showing teen birth rates by race/ethnicity since 1990 (Figure 2, page 6). Numbers for 2004 in this report may not match previously published numbers; a reporting error was discovered after the 2004 report was published.

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## Key Findings

- In 2005, there were 6,093 births to Wisconsin teens (mothers less than 20 years of age), a slight increase from 6,086 teen births in 2004.
- The estimated pregnancy rate among Wisconsin teens in 2005 was 39.4 pregnancies per 1,000 females aged 15-19, the same as the 2004 rate. (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 2005 Wisconsin teen birth rate was 30.5 births per 1,000 females aged 15-19, identical to the 2004 rate. In 2003, the U.S. teen birth rate was 41.6.
- Over the past decade, the overall teen birth rate in Wisconsin (births per 1,000 females aged 15-19) declined from 38.8 in 1995 to 30.5 in 2005. The largest decline in the teen birth rate occurred among black teens; from 141.8 per 1,000 in 1995 to 94.5 per 1,000 in 2005. Among white teens, the rate decreased from 26.3 to 19.2 per 1,000. Among American Indian teens, the rate decreased from 89.8 to 83.0 per 1,000. The teen birth rate among Hispanic teens decreased from 103.4 per 1,000 in 1995 to 89.8 per 1,000 in 2005.
- In 2005, teen births represented 9 percent of births overall. By race/ethnicity, teen births represented 6 percent of births to whites, 23 percent of births to blacks, 19 percent of births to American Indians, 14 percent of births to Hispanics, and 19 percent of births to Laotian/Hmong.
- Eighty-six percent of births to teens in 2005 were nonmarital, unchanged from 2004.
- The proportion of teens giving birth who reported smoking during pregnancy was 21 percent in 2005, down from 23 percent in 2004. Teens remain much more likely to smoke during pregnancy than Wisconsin women overall (13%).
- Babies born to teens are more likely to die in infancy. In 2005, the infant mortality rate was 12.3 per 1,000 births to teens aged 15-19, compared with 6.1 per 1,000 births to mothers aged 20 and older. (In 2004, the rates were 11.5 per 1,000 births to teens and 5.5 per 1,000 births to mothers 20+.)
- The proportion of teens who received first-trimester prenatal care was 70 percent in 2005, the same as in 2004.
- In 2005, 568 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 9.3 percent of all teen births (compared to 9.6 percent in 2004).
- Among low birthweight infants born to teens, 140 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 2.3 percent of all teen births.



## Statewide Information

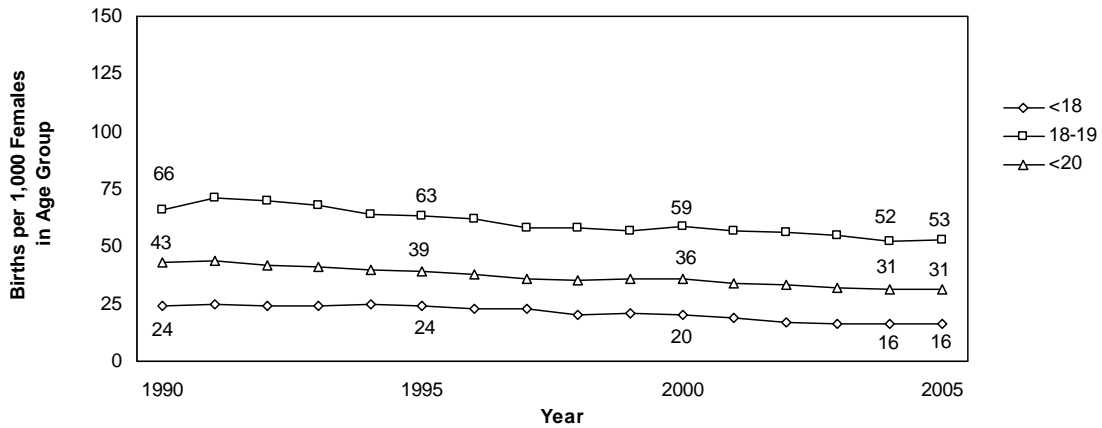
**Table 1. Births to Teens by Age Group, Wisconsin, 1970-2005**

Year	Number of Teen 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	18-19	<20	<15	15-17	<18	18-19	<20
1970	87	2,522	2,609	7,088	9,697	0.9%	26.0%	3.4%	73.1%	12.5%
1971	98	2,575	2,673	6,774	9,447	1.0	27.3	3.7	71.7	13.1
1972	88	2,846	2,934	6,267	9,201	1.0	30.9	4.5	68.1	14.2
1973	120	3,013	3,133	6,651	9,784	1.2	30.8	5.0	68.0	15.6
1974	119	3,100	3,219	6,435	9,654	1.2	32.1	4.9	66.7	14.8
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

Sources: Wisconsin Bureau of Health Information and Policy, *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 1995-2005.

Note: The numbers of 1996 teen births reported here are different from those published earlier because other states filed three duplicate records for Wisconsin resident teen births.

**Figure 1. Age-Specific Teen Birth Rates, Wisconsin, 1990-2005**



Sources: Wisconsin Bureau of Health Information and Policy, *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 1995-2005.

Note: The <18 (less than 18) and <20 (less than 20) birth rates are per 1,000 females aged 15-17 and 15-19, respectively, but include births to mothers less than 15.

**Table 2a. Age-Specific Teen Birth 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

Sources: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*. United States rates are from the *National Vital Statistics Report, Vol. 54, No. 2, 2005*.

Notes: Rates are the number of births per 1,000 females in the age group. Wisconsin rates shown for births to mothers aged 15-19 and 15-17 includes 86 births to mothers less than 15 years old. U.S. rates for ages 15-19 and 15-17 do not include births to mothers less than 15 years old.

\* Rates in parentheses are calculated to be comparable to U.S. rates, which exclude mothers younger than 15.

**Table 2b. Teen Birth Rates, Wisconsin and United States, 1980-2005**

	1980	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Ages 15-17</b>													
Wisconsin	21	24	22	21	21	19	20	19	18	16	16	15	15
United States	33	38	36	34	32	30	29	27	25	23	22	n/a	n/a
<b>Ages 15-19</b>													
Wisconsin	40	42	38	37	35	35	35	35	34	32	31	30	30
United States	53	60	57	54	52	51	50	48	45	43	42	n/a	n/a

Sources: Wisconsin Bureau of Health Information and Policy, *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 1995-2005. 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. Wisconsin rates for this table exclude births to mothers below age 15. U.S. rates for 2004 and 2005 are not yet available (n/a).

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

Year	Number	Rate	Number	Rate	Number	Rate
	<18	<18	18-19	18-19	<20	<20
<b>1995</b>						
White	1,313	13.4	2,855	46.7	4,168	26.3
Black/African American	938	108.0	935	206.6	1,873	141.8
American Indian	78	62.2	99	138.7	177	89.8
Hispanic/Latino, Any Race	267	73.5	360	148.3	627	103.4
Asian	133	61.4	129	116.8	262	80.1
Total Births	2,731	24.1	4,379	62.7	7,110	38.8
<b>2004</b>						
White	739	7.6	2,439	35.6	3,178	19.2
Black/African American	603	57.6	901	151.3	1,504	91.6
American Indian	52	36.6	141	143.3	193	80.2
Hispanic/Latino, Any Race	362	62.4	555	152.6	917	97.2
Asian	98	28.1	192	91.7	290	51.9
Total Births	1,856	15.7	4,230	52.1	6,086	30.5
<b>2005</b>						
White	750	7.7	2,429	35.8	3,179	19.2
Black/African American	635	59.6	928	157.6	1,563	94.5
American Indian	59	41.6	135	146.9	194	83.0
Hispanic/Latino, Any Race	318	53.6	552	147.1	870	89.8
Asian	100	26.8	186	88.4	286	49.0
Total Births	1,862	15.6	4,231	52.5	6,093	30.5

Sources: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths* for the years 1995, 2004, and 2005.

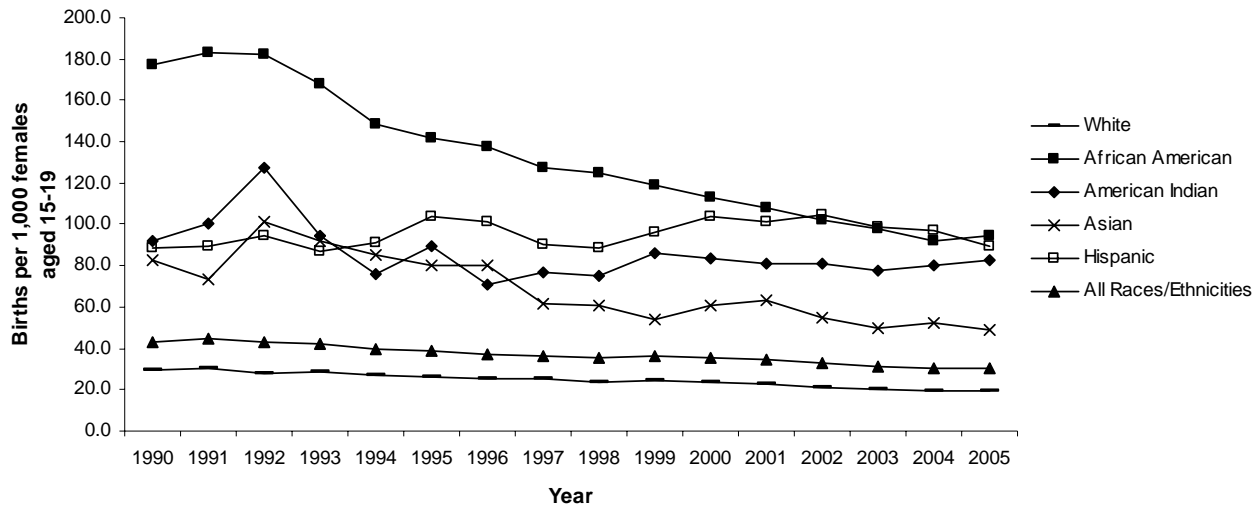
Notes: Births to mothers of Hispanic origin are excluded from race categories (see Technical Notes). (In contrast, Table 11 includes mothers of Hispanic origin within race categories.) Because individuals could report more than one race for the first time during the 2000 Census, rates for earlier years 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 <20 birth rates are per 1,000 females aged 15-19, but include births to mothers less than 15.

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

Figure 2. Teen Birth Rates by Race/Ethnicity, 1990-2005



Sources: Wisconsin Bureau of Health Information and Policy, *Maternal and Child Health Statistics 1990-1994*; *Wisconsin Births and Infant Deaths* for the years 1995-2005.

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.

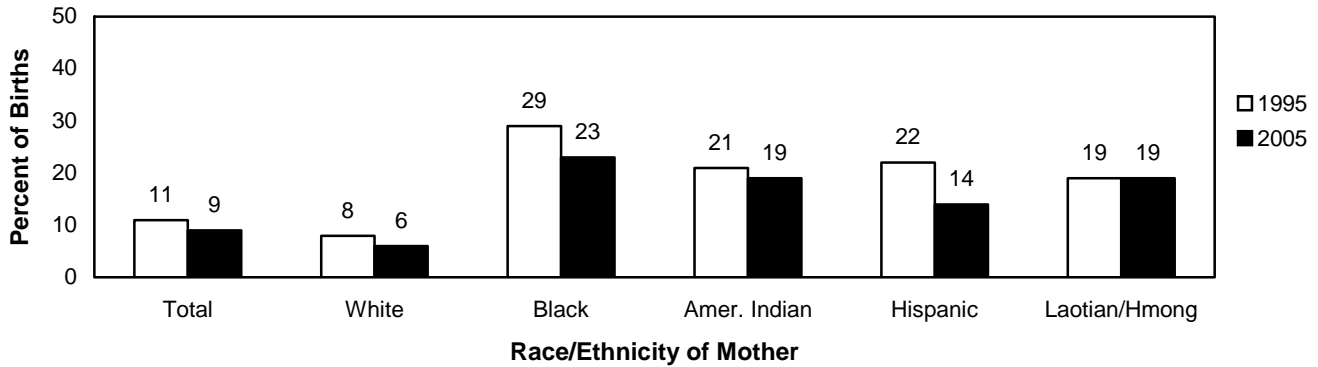
Table 4. Teen Births and Rates by Race/Ethnicity, 1990-2005

Year	White		Black/African American		American Indian		Asian		Hispanic		All Races/Ethnicities	
	Num.	Rate	Num.	Rate	Num.	Rate	Num.	Rate	Num.	Rate	Num.	Rate
1990	4,460	29.7	2,180	177.3	169	92.3	195	83.1	405	88.4	7,410	43.3
1991	4,402	30.4	2,201	183.4	181	100.8	189	73.3	441	89.7	7,415	44.7
1992	4,087	27.9	2,177	181.9	223	127.6	256	100.9	465	94.1	7,208	43.0
1993	4,252	28.4	2,077	168.3	177	94.9	253	91.7	471	87.1	7,232	42.0
1994	4,134	27.0	1,961	148.7	147	75.7	265	85.5	527	91.2	7,037	39.8
1995	4,168	26.3	1,873	141.8	177	89.8	262	80.1	627	103.4	7,110	38.8
1996	4,080	25.1	1,881	137.8	156	71.0	308	80.1	678	101.2	7,106	37.5
1997	4,160	24.9	1,837	127.3	171	76.7	268	61.9	652	90.4	7,088	36.3
1998	4,036	23.6	1,832	124.7	177	75.2	292	61.1	708	88.5	7,047	35.1
1999	4,223	24.5	1,797	119.2	218	86.4	290	54.4	778	96.6	7,308	36.0
2000	3,987	23.8	1,686	112.9	195	83.9	320	61.1	881	103.8	7,077	35.7
2001	3,749	22.4	1,665	107.7	189	81.3	342	63.5	900	101.6	6,849	34.3
2002	3,509	21.0	1,600	101.7	189	80.8	303	55.0	932	104.8	6,534	32.7
2003	3,395	20.3	1,558	97.7	185	77.9	277	49.9	899	98.5	6,317	31.6
2004	3,178	19.2	1,504	91.6	193	80.2	290	51.9	917	97.2	6,086	30.5
2005	3,179	19.2	1,563	94.5	194	83.0	286	49.0	870	89.8	6,093	30.5

Sources: Wisconsin Bureau of Health Information and Policy, *Maternal and Child Health Statistics 1990-1994*; *Wisconsin Births and Infant Deaths* for the years 1995-2005.

Note: Rates are births per 1,000 females aged 15-19. 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.

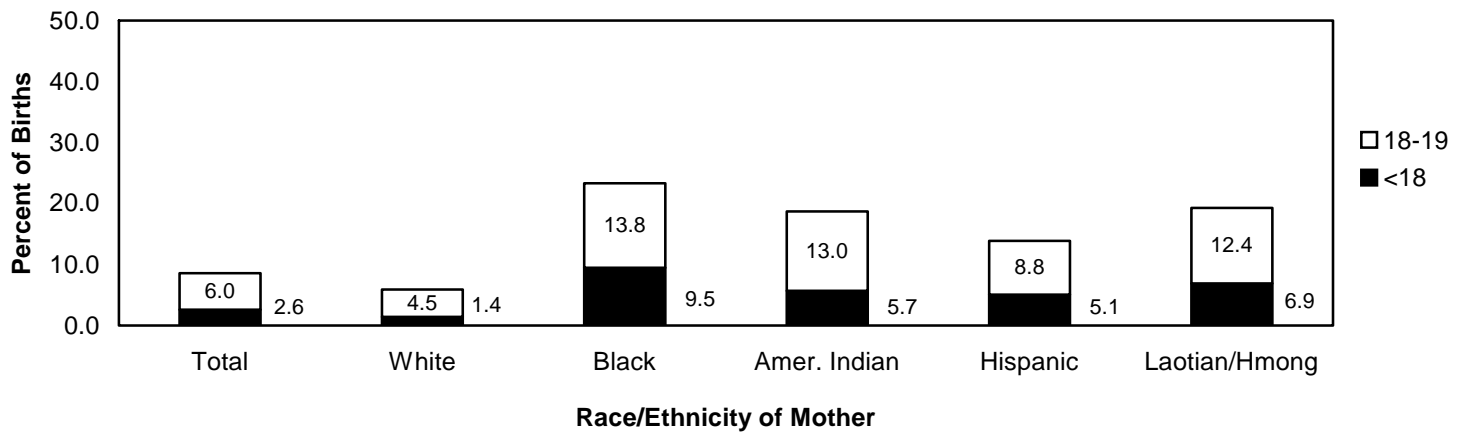
**Figure 3. Births to Teens as a Percent of All Births in Each Race/Ethnicity Group, Wisconsin, 1995 and 2005**



Source: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*.

Notes: Births to mothers of Hispanic origin are excluded from race categories in this figure (see Technical Notes). (In contrast, Table 11 includes mothers of Hispanic origin within race categories.) In 2005, 5% of births to mothers whose race/ethnicity was considered to be in the “other” category were to teens (not shown).

**Figure 4. Births to Teens as a Percent of All Births in Each Race/Ethnicity Group, by Maternal Age, Wisconsin 2005**



Source: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*.

Notes: Births to mothers of Hispanic origin are excluded from race categories (see Technical Notes). (In contrast, Table 11 includes mothers of Hispanic origin within race categories.)

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

Marital Status	1995	1998	1999	2000	2001	2002	2003	2004	2005
<b>Married</b>									
Number	1,171	1,077	1,149	1,096	1,018	1,048	897	839	850
Percent	16.5%	15.3%	15.7%	15.5%	14.9%	16.0%	14.2%	13.8%	14.0%
<b>Unmarried</b>									
Number	5,937	5,970	6,159	5,981	5,831	5,486	5,420	5,247	5,243
Percent	83.5%	84.7%	84.3%	84.5%	85.1%	84.0%	85.8%	86.2%	86.0%
Teen Births	7,110	7,047	7,308	7,077	6,849	6,534	6,317	6,086	6,093

Sources: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths* for the years 1995-2005.  
 Note: Marital status was not reported for two births in 1995, nine births in 2002, and ten births in 2003.

**Table 6. Births to Teens Who Received First-Trimester Prenatal Care, by Age Group, Wisconsin, 1995-2005**

Year	Less than 18		18-19		Less than 20		All Births/All Ages	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1995	1,628	60	3,074	70	4,702	66	56,155	83
1996	1,608	61	3,149	71	4,757	67	56,273	84
1997	1,640	61	3,167	72	4,807	68	56,112	84
1998	1,518	61	3,171	69	4,689	67	56,645	84
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

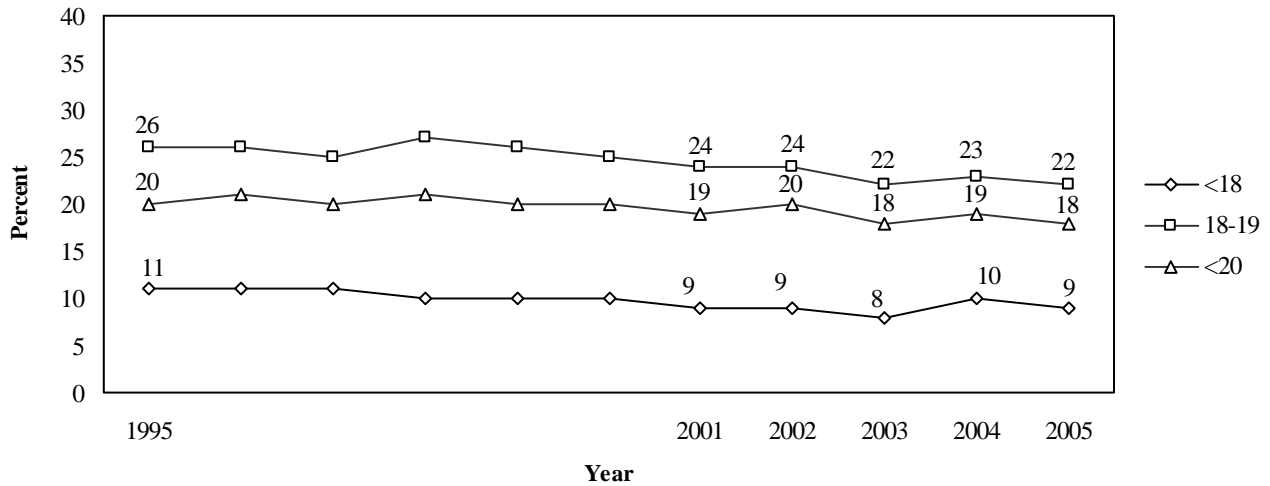
Sources: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths* for the years 1995-2005.

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

Age Group	1998	1999	2000	2001	2002	2003	2004	2005
Less than 18	251	263	244	200	175	161	178	173
18-19	1,233	1,229	1,197	1,088	1,103	973	953	943
Total <20	1,484	1,492	1,441	1,288	1,278	1,134	1,131	1,116

Sources: *Wisconsin Births and Infant Deaths* for the years 1998-2005.  
 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, 1995-2005**



Sources: Wisconsin Bureau of Health Information and Policy, *Maternal and Child Health Statistics 1994*; *Wisconsin Births and Infant Deaths* for the years 1995-2005.

**Table 8. Births to Teens by Age Group and Selected Characteristics, Wisconsin 2005**

	<15	15-17	<18	18-19	<20	All Births All Ages
<b>Total</b>	<b>86</b>	<b>1,776</b>	<b>1,862</b>	<b>4,231</b>	<b>6,093</b>	<b>70,934</b>
<b>Race/Ethnicity of Mother</b>						
White	14	736	750	2,429	3,179	54,292
Black/African American	48	587	635	928	1,563	6,715
American Indian	3	56	59	135	194	1,039
Hispanic/Latino	16	302	318	552	870	6,262
Laotian/Hmong	5	71	76	137	213	1,101
Other	-	24	24	49	73	1,495
Unknown	-	-	-	1	1	30
<b>Education of Mother</b>						
Elementary or Less	70	148	218	126	344	2,703
Some High School	13	1,469	1,482	1,456	2,938	8,180
High School Graduate	-	140	140	2,308	2,448	20,525
Some College	-	2	2	303	305	16,635
College Graduate	-	-	-	-	-	12,727
Post-Graduate	1	1	2	2	4	9,800
Unknown	2	16	18	36	54	364
<b>Marital Status</b>						
Married	-	128	128	722	850	47,682
Unmarried	86	1,648	1,734	3,509	5,243	23,244
Unknown	-	-	-	-	-	8
<b>Trimester Prenatal Care Began</b>						
First	32	1,087	1,119	3,123	4,242	60,309
Second	39	530	569	872	1,441	8,183
Third	9	109	118	154	272	1,623
No Prenatal Care	4	33	37	43	80	430
Unknown	2	17	19	39	58	389
<b>Number of Prenatal Care Visits</b>						
No Visits	4	33	37	43	80	430
1-4	11	102	113	146	259	1,896
5-9	26	517	543	1,057	1,600	12,821
10-12	29	677	706	1,692	2,398	31,104
13+	14	424	438	1,234	1,672	24,030
Unknown	2	23	25	59	84	653
<b>Birthweight</b>						
<1,500 grams	9	47	56	84	140	925
1500-2,499 grams	3	139	142	286	428	4,067
2,500+ grams	74	1,590	1,664	3,860	5,524	65,930
Unknown	-	-	-	1	1	12
<2,500 grams	12	186	198	370	568	4,992

(Continued)



**Table 8. Births to Teens by Age Group and Selected Characteristics, Wisconsin 2005**

	<15	15-17	<18	18-19	<20	All Births All Ages
<b>Smoked During Pregnancy</b>						
No	82	1,524	1,606	3,213	4,819	61,216
Yes	4	247	251	1,009	1,260	9,503
Unknown	-	5	5	9	14	215
<b>Live Birth Order</b>						
First	85	1,604	1,689	3,288	4,977	27,747
Second	1	157	158	777	935	23,403
Third	-	15	15	143	158	11,744
Fourth	-	-	-	21	21	4,625
Fifth or Higher	-	-	-	2	2	3,405
Unknown	-	-	-	-	-	10
<b>Plurality</b>						
Single Birth	86	1,755	1,841	4,164	6,005	68,655
Multiple Birth	-	21	21	67	88	2,279

Source: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*.

Notes: Included in the total of all births are ten 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 11 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 2005**

	<15	15-17	<18	18-19	<20	All Deaths All Ages
<b>Fetal deaths</b>						
Number	4	12	16	35	51	363
Rate	-	-	-	8.2	8.3	5.1
<b>Neonatal deaths</b>						
Number	1	19	20	23	43	319
Rate	-	-	10.7	5.4	7.1	4.5
<b>Infant deaths</b>						
Number	2	27	29	46	75	469
Rate	-	15.2	15.6	10.9	12.3	6.6

Source: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*.

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 2005**

<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>86</b>	<b>1,776</b>	<b>1,862</b>	<b>4,231</b>	<b>6,093</b>	<b>70,934</b>
Adams	-	8	8	18	26	159
Ashland	-	4	4	18	22	198
Barron	-	11	11	34	45	528
Bayfield	-	1	1	9	10	121
Brown	2	80	82	197	279	3,332
Buffalo	-	6	6	7	13	147
Burnett	1	4	5	11	16	159
Calumet	-	9	9	13	22	630
Chippewa	1	13	14	42	56	738
Clark	-	6	6	32	38	581
Columbia	-	11	11	30	41	691
Crawford	-	4	4	10	14	201
Dane	5	68	73	248	321	6,055
Dodge	1	15	16	55	71	910
Door	-	3	3	16	19	258
Douglas	1	7	8	30	38	466
Dunn	-	11	11	24	35	511
Eau Claire	1	24	25	62	87	1,178
Florence	-	-	-	1	1	37
Fond du Lac	-	20	20	82	102	1,187
Forest	-	3	3	12	15	114
Grant	-	11	11	28	39	559
Green	-	7	7	27	34	447
Green Lake	-	6	6	10	16	204
Iowa	-	3	3	13	16	320
Iron	-	-	-	1	1	45
Jackson	-	4	4	19	23	237
Jefferson	2	17	19	66	85	1,028
Juneau	-	6	6	17	23	277
Kenosha	1	59	60	125	185	2,133
Kewaunee	-	2	2	11	13	232
La Crosse	1	31	32	62	94	1,292
Lafayette	-	2	2	7	9	207
Langlade	-	4	4	23	27	202
Lincoln	-	3	3	20	23	275
Manitowoc	-	27	27	50	77	855
Marathon	1	30	31	91	122	1,554
Marinette	-	12	12	37	49	460
Marquette	-	4	4	14	18	182
Menominee	-	6	6	19	25	104
Milwaukee	49	717	766	1,268	2,034	14,906
Monroe	-	10	10	40	50	615

(Continued)

## Local Information

**Table 10. Births to Teens by Age Group and County of Residence, Wisconsin 2005**

County	<15	15-17	<18	18-19	<20	All Births All Ages
Oconto	-	5	5	22	27	388
Oneida	-	3	3	26	29	355
Outagamie	2	39	41	83	124	2,291
Ozaukee	-	7	7	18	25	852
Pepin	-	-	-	2	2	99
Pierce	-	8	8	20	28	443
Polk	-	8	8	27	35	506
Portage	-	12	12	36	48	726
Price	1	1	2	9	11	130
Racine	10	106	116	187	303	2,623
Richland	-	6	6	6	12	228
Rock	2	70	72	161	233	2,052
Rusk	-	4	4	11	15	163
St. Croix	-	9	9	37	46	1,193
Sauk	1	14	15	50	65	785
Sawyer	-	8	8	22	30	205
Shawano	-	6	6	33	39	478
Sheboygan	2	31	33	102	135	1,481
Taylor	-	3	3	17	20	246
Trempealeau	-	3	3	19	22	331
Vernon	-	4	4	22	26	403
Vilas	-	2	2	13	15	164
Walworth	2	25	27	56	83	1,209
Washburn	-	5	5	15	20	173
Washington	-	9	9	45	54	1,495
Waukesha	-	41	41	97	138	4,108
Waupaca	-	15	15	26	41	537
Waushara	-	10	10	19	29	241
Winnebago	-	38	38	98	136	1,826
Wood	-	15	15	53	68	868

Source: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*.

Notes: Included in the "all births" column is ten 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 2005**

County	Birth Rate			Estimated Pregnancy Rate		
	<18	18-19	<20	<18	18-19	<20
<b>Total</b>	<b>15.6</b>	<b>52.5</b>	<b>30.5</b>	<b>21.1</b>	<b>66.6</b>	<b>39.4</b>
Adams	-	-	48.5	-	95.0	57.8
Ashland	-	-	36.3	-	-	41.3
Barron	-	48.8	27.6	-	51.7	28.8
Bayfield	-	-	-	-	-	-
Brown	15.9	58.4	32.7	20.8	70.3	40.3
Buffalo	-	-	-	-	-	-
Burnett	-	-	-	-	-	-
Calumet	-	-	13.4	-	-	19.5
Chippewa	-	47.7	26.5	-	47.7	27.5
Clark	-	55.6	28.0	-	59.1	31.7
Columbia	-	39.6	22.1	-	55.4	31.3
Crawford	-	-	-	-	-	-
Dane	7.3	38.0	19.5	16.3	63.2	34.8
Dodge	-	45.3	24.8	13.3	57.7	32.1
Door	-	-	-	-	-	32.1
Douglas	-	51.3	26.8	-	56.5	29.6
Dunn	-	28.2	16.6	-	30.5	17.5
Eau Claire	8.9	32.8	18.6	8.9	34.9	19.4
Florence	-	-	-	-	-	-
Fond du Lac	9.8	58.0	29.5	11.2	65.0	33.2
Forest	-	-	-	-	-	-
Grant	-	31.4	17.8	-	38.2	21.9
Green	-	55.1	28.9	-	61.2	32.3
Green Lake	-	-	-	-	-	40.0
Iowa	-	-	-	-	-	-
Iron	-	-	-	-	-	-
Jackson	-	-	36.1	-	78.8	37.7
Jefferson	-	56.2	28.3	14.8	64.7	34.3
Juneau	-	-	25.6	-	-	31.1
Kenosha	17.0	55.6	32.0	22.0	72.0	41.5
Kewaunee	-	-	-	-	-	-
La Crosse	10.6	31.1	18.8	12.9	36.7	22.4
Lafayette	-	-	-	-	-	-
Langlade	-	72.5	36.8	-	75.6	42.2
Lincoln	-	50.8	23.7	-	53.4	26.8
Manitowoc	15.6	41.6	26.2	18.5	53.2	32.7
Marathon	11.1	46.8	25.8	13.3	50.9	28.7
Marinette	-	55.0	31.8	-	61.0	35.7
Marquette	-	-	-	-	-	44.0
Menominee	-	-	113.8	-	-	118.4
Milwaukee	38.8	98.9	62.4	50.8	130.1	82.0
Monroe	-	64.3	31.6	-	75.6	39.2

(Continued)

**Local Information**

**Table 11. Teen Birth Rates and Estimated Pregnancy Rates by Age Group and County of Residence, Wisconsin 2005**

County	Birth Rate			Estimated Pregnancy Rate		
	<18	18-19	<20	<18	18-19	<20
Oconto	-	39.2	19.6	-	48.1	25.4
Oneida	-	51.5	24.4	-	61.4	29.5
Outagamie	10.9	33.9	20.0	15.5	50.3	29.2
Ozaukee	-	-	8.0	-	30.4	16.4
Pepin	-	-	-	-	-	-
Pierce	-	23.2	13.9	-	23.2	13.9
Polk	-	39.9	22.2	-	39.9	22.2
Portage	-	26.0	15.0	-	34.7	20.9
Price	-	-	-	-	-	-
Racine	29.0	71.6	45.8	37.9	89.7	58.3
Richland	-	-	-	-	-	-
Rock	22.3	71.5	42.5	25.4	82.6	48.9
Rusk	-	-	-	-	-	-
St. Croix	-	34.1	17.0	-	34.1	17.4
Sauk	-	61.1	32.2	17.5	80.7	43.0
Sawyer	-	86.6	50.8	-	90.5	52.4
Shawano	-	57.2	27.6	-	67.6	33.3
Sheboygan	14.6	62.6	34.7	23.0	70.6	43.0
Taylor	-	-	27.2	-	-	28.6
Trempealeau	-	-	23.6	-	-	23.6
Vernon	-	47.0	23.3	-	55.5	27.8
Vilas	-	-	-	-	-	-
Walworth	13.7	39.7	24.6	18.3	51.1	32.0
Washburn	-	-	38.0	-	-	39.9
Washington	-	27.4	13.0	-	38.9	19.5
Waukesha	5.2	18.2	10.4	9.4	27.3	16.6
Waupaca	-	36.7	22.7	-	46.5	27.7
Waushara	-	-	35.7	-	58.6	38.2
Winnebago	10.5	39.0	22.2	14.4	56.5	31.7
Wood	-	49.7	26.2	13.7	55.3	30.8

Sources: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*; and *Reported Induced Terminations of Pregnancy in Wisconsin, 2005*. 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.

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

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

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.

**Table 12. Births to Teens by Age Group, Race of Mother and County of Residence, Wisconsin 2005**

County	Total	<18			18-19			Total <20		
		White	Black	Other	White	Black	Other	White	Black	Other
<b>Total</b>	<b>6,093</b>	<b>1,053</b>	<b>642</b>	<b>167</b>	<b>2,961</b>	<b>937</b>	<b>333</b>	<b>4,014</b>	<b>1,579</b>	<b>500</b>
Adams	26	8	-	-	18	-	-	26	-	-
Ashland	22	2	-	2	12	-	6	14	-	8
Barron	45	11	-	-	33	-	1	44	-	1
Bayfield	10	-	-	1	4	-	5	4	-	6
Brown	279	55	10	17	142	18	37	197	28	54
Buffalo	13	6	-	-	7	-	-	13	-	-
Burnett	16	4	-	1	9	-	2	13	-	3
Calumet	22	7	-	2	10	1	2	17	1	4
Chippewa	56	14	-	-	39	-	3	53	-	3
Clark	38	5	-	1	31	-	1	36	-	2
Columbia	41	11	-	-	30	-	-	41	-	-
Crawford	14	4	-	-	10	-	-	14	-	-
Dane	321	47	19	7	161	72	15	208	91	22
Dodge	71	16	-	-	55	-	-	71	-	-
Door	19	3	-	-	15	-	1	18	-	1
Douglas	38	7	1	-	30	-	-	37	1	-
Dunn	35	8	-	3	20	-	4	28	-	7
Eau Claire	87	21	1	3	53	1	8	74	2	11
Florence	1	-	-	-	1	-	-	1	-	-
Fond du Lac	102	17	1	2	79	2	1	96	3	3
Forest	15	2	-	1	9	-	3	11	-	4
Grant	39	11	-	-	28	-	-	39	-	-
Green	34	7	-	-	26	1	-	33	1	-
Green Lake	16	6	-	-	8	1	1	14	1	1
Iowa	16	2	-	1	12	1	-	14	1	1
Iron	1	-	-	-	1	-	-	1	-	-
Jackson	23	4	-	-	15	-	4	19	-	4
Jefferson	85	18	1	-	66	-	-	84	1	-
Juneau	23	6	-	-	17	-	-	23	-	-
Kenosha	185	39	18	3	104	21	-	143	39	3
Kewaunee	13	2	-	-	11	-	-	13	-	-
La Crosse	94	21	1	10	43	4	15	64	5	25
Lafayette	9	2	-	-	7	-	-	9	-	-
Langlade	27	4	-	-	21	-	2	25	-	2
Lincoln	23	3	-	-	20	-	-	23	-	-
Manitowoc	77	22	1	4	46	-	4	68	1	8

(Continued)

**Local Information**

**Table 12. Births to Teens by Age Group, Race of Mother and County of Residence, Wisconsin 2005**

County	Total	<18			18-19			Total <20		
		White	Black	Other	White	Black	Other	White	Black	Other
Marathon	122	17	1	13	65	-	26	82	1	39
Marinette	49	12	-	-	37	-	-	49	-	-
Marquette	18	4	-	-	14	-	-	18	-	-
Menominee	25	1	-	5	-	-	19	1	-	24
Milwaukee	2,034	216	512	38	464	733	71	680	1,245	109
Monroe	50	10	-	-	39	-	1	49	-	1
Oconto	27	5	-	-	22	-	-	27	-	-
Oneida	29	3	-	-	26	-	-	29	-	-
Outagamie	124	25	2	14	67	1	15	92	3	29
Ozaukee	25	7	-	-	17	-	1	24	-	1
Pepin	2	-	-	-	2	-	-	2	-	-
Pierce	28	6	1	1	20	-	-	26	1	1
Polk	35	8	-	-	24	-	3	32	-	3
Portage	48	10	-	2	31	-	5	41	-	7
Price	11	2	-	-	8	-	1	10	-	1
Racine	303	63	52	1	136	50	1	199	102	2
Richland	12	6	-	-	6	-	-	12	-	-
Rock	233	56	14	2	136	21	4	192	35	6
Rusk	15	4	-	-	11	-	-	15	-	-
St. Croix	46	9	-	-	36	-	1	45	-	1
Sauk	65	12	1	2	49	-	1	61	1	3
Sawyer	30	2	-	6	12	-	10	14	-	16
Shawano	39	3	-	3	26	-	7	29	-	10
Sheboygan	135	22	2	9	76	4	22	98	6	31
Taylor	20	3	-	-	16	1	-	19	1	-
Trempealeau	22	3	-	-	18	-	1	21	-	1
Vernon	26	4	-	-	22	-	-	26	-	-
Vilas	15	1	-	1	9	-	4	10	-	5
Walworth	83	25	-	2	52	-	4	77	-	6
Washburn	20	5	-	-	12	-	3	17	-	3
Washington	54	9	-	-	43	1	1	52	1	1
Waukesha	138	37	3	1	94	-	3	131	3	4
Waupaca	41	15	-	-	26	-	-	41	-	-
Waushara	29	9	-	1	18	-	1	27	-	2
Winnebago	136	30	1	7	88	4	6	118	5	13
Wood	68	14	-	1	46	-	7	60	-	8

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

Note: In this table, births to mothers of Hispanic 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 2005**

County	<15	15-17	<18	18-19	<20	All Nonmarital Births
<b>Total</b>	<b>86</b>	<b>1,648</b>	<b>1,734</b>	<b>3,509</b>	<b>5,243</b>	<b>23,244</b>
Adams	-	6	6	13	19	57
Ashland	-	n/s	n/s	14	17	71
Barron	-	10	10	27	37	183
Bayfield	-	n/s	n/s	8	9	38
Brown	n/s	69	71	167	238	1,061
Buffalo	-	6	6	6	12	41
Burnett	n/s	n/s	5	10	15	72
Calumet	-	8	8	8	16	85
Chippewa	n/s	13	14	27	41	204
Clark	-	4	4	22	26	103
Columbia	-	9	9	22	31	166
Crawford	-	n/s	n/s	8	12	63
Dane	5	61	66	218	284	1,508
Dodge	n/s	15	16	41	57	258
Door	-	n/s	n/s	15	17	62
Douglas	n/s	7	8	29	37	183
Dunn	-	9	9	20	29	137
Eau Claire	n/s	21	22	42	64	362
Florence	-	-	-	n/s	n/s	1
Fond du Lac	-	16	16	65	81	334
Forest	-	n/s	n/s	12	15	60
Grant	-	10	10	25	35	165
Green	-	7	7	24	31	147
Green Lake	-	5	5	6	11	59
Iowa	-	n/s	n/s	11	14	77
Iron	-	-	-	-	-	8
Jackson	-	n/s	n/s	18	22	89
Jefferson	n/s	17	19	51	70	295
Juneau	-	6	6	10	16	98
Kenosha	n/s	56	57	107	164	816
Kewaunee	-	n/s	n/s	8	10	47
La Crosse	n/s	26	27	46	73	336
Lafayette	-	n/s	n/s	6	8	48
Langlade	-	n/s	n/s	19	23	76
Lincoln	-	n/s	n/s	17	20	81
Manitowoc	-	25	25	34	59	250
Marathon	n/s	22	23	58	81	386
Marinette	-	9	9	28	37	135
Marquette	-	n/s	n/s	10	14	59
Menominee	-	6	6	17	23	84
Milwaukee	49	701	750	1,148	1,898	7,808
Monroe	-	7	7	32	39	156

(Continued)



## Local Information

**Table 13. Births to Unmarried Teens by Age Group and County of Residence, Wisconsin 2005**

County	<15	15-17	<18	18-19	<20	All Nonmarital Births
Oconto	-	4	4	18	22	90
Oneida	-	n/s	n/s	20	23	96
Outagamie	n/s	29	31	60	91	481
Ozaukee	-	7	7	15	22	109
Pepin	-	-	-	n/s	n/s	27
Pierce	-	6	6	18	24	100
Polk	-	7	7	26	33	149
Portage	-	11	11	27	38	175
Price	n/s	n/s	n/s	8	10	36
Racine	10	102	112	166	278	1,056
Richland	-	6	6	6	12	64
Rock	n/s	65	67	140	207	866
Rusk	-	n/s	n/s	8	12	40
St. Croix	-	9	9	31	40	205
Sauk	n/s	12	13	38	51	261
Sawyer	-	8	8	18	26	89
Shawano	-	6	6	26	32	158
Sheboygan	n/s	27	29	67	96	390
Taylor	-	n/s	n/s	16	19	68
Trempealeau	-	n/s	n/s	15	18	110
Vernon	-	n/s	n/s	16	19	65
Vilas	-	n/s	n/s	11	13	70
Walworth	n/s	24	26	40	66	347
Washburn	-	5	5	10	15	55
Washington	-	9	9	33	42	250
Waukesha	-	36	36	79	115	631
Waupaca	-	11	11	21	32	144
Waushara	-	9	9	11	20	69
Winnebago	-	33	33	79	112	510
Wood	-	13	13	35	48	264

Source: Wisconsin Bureau of Health Information and Policy, *Wisconsin Births and Infant Deaths, 2005*.

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 9).

## Local Information

**Table 14. Births by Teen Age Group and Selected Places of Residence, Wisconsin 2005**

City	<15	15-17	<18	18-19	<20	All Births
Appleton	2	27	29	62	91	1,301
Beloit	2	36	38	80	118	634
Brookfield	-	-	-	-	-	236
Caledonia (V)	-	2	2	5	7	188
De Pere	-	2	2	5	7	318
Eau Claire	1	17	18	50	68	851
Fitchburg	-	3	3	10	13	270
Fond du Lac	-	14	14	58	72	662
Franklin	-	2	2	6	8	326
Grand Chute	-	-	-	-	-	74
Green Bay	2	70	72	160	232	2,017
Greenfield	-	4	4	18	22	330
Janesville	-	24	24	53	77	879
Kenosha	1	48	49	107	156	1,642
La Crosse	1	22	23	39	62	587
Madison	4	38	42	162	204	3,265
Manitowoc	-	20	20	36	56	442
Menomonee Falls (V)	-	4	4	7	11	330
Mequon/Thiensville	-	-	-	3	3	214
Milwaukee	47	688	735	1,150	1,885	11,228
Mount Pleasant (T)	-	3	3	3	6	116
Muskego	-	1	1	4	5	237
Neenah/Menasha	-	14	14	32	46	667
New Berlin	-	3	3	3	6	346
Oak Creek	-	2	2	13	15	460
Oshkosh	-	19	19	46	65	791
Racine	10	96	106	151	257	1,690
Sheboygan	2	25	27	78	105	869
South Milwaukee	-	-	-	17	17	235
Stevens Point	-	6	6	13	19	289
Sun Prairie	-	7	7	23	30	470
Superior	1	5	6	23	29	320
Watertown	1	7	8	22	30	361
Waukesha	-	22	22	41	63	1,164
Wausau	-	19	19	46	65	572
Wauwatosa	1	4	5	5	10	527
West Allis	-	12	12	24	36	657
West Bend	-	2	2	18	20	430

Source: Resident birth certificates, Bureau of Health Information and Policy, Division of Public Health, Department of Health and Family 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 2005**

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<b>City</b>	<b>Teen Birth Rate</b>
Green Bay	61.8
Kenosha	46.1
Madison	22.4
Milwaukee	84.1
Racine	85.2

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

Notes: The birth rate is the number of resident live births to females aged <20 per 1,000 females aged 15-19; it 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 1995-2005**

<b>County</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Total</b>	<b>7,110</b>	<b>7,103</b>	<b>7,088</b>	<b>7,047</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>
Adams	26	18	30	28	23	20	23	26	21	24	26
Ashland	22	29	29	17	26	33	19	22	28	10	22
Barron	73	62	60	59	60	45	55	63	47	41	45
Bayfield	20	15	17	11	21	8	14	12	6	13	10
Brown	242	256	278	278	290	332	290	304	300	262	279
Buffalo	9	9	7	7	9	15	12	11	7	7	13
Burnett	16	23	24	14	24	18	23	22	18	16	16
Calumet	24	30	23	36	30	20	33	19	33	31	22
Chippewa	64	66	70	73	87	73	68	62	45	58	56
Clark	32	30	39	43	35	37	36	42	36	37	38
Columbia	50	57	46	60	38	42	42	39	42	44	41
Crawford	21	14	22	21	23	25	22	25	16	13	14
Dane	301	296	328	330	339	382	358	335	306	343	321
Dodge	77	95	93	68	98	100	80	80	79	72	71
Door	17	25	25	19	20	25	21	18	19	17	19
Douglas	65	58	65	57	66	65	53	46	51	44	38
Dunn	37	43	44	47	38	34	40	33	43	34	35
Eau Claire	93	118	105	78	89	85	91	83	89	77	87
Florence	3	6	3	-	2	5	1	4	2	-	1
Fond du Lac	110	111	104	96	120	101	102	91	86	86	102
Forest	28	11	21	19	19	11	17	18	16	14	15
Grant	46	41	50	52	40	47	37	45	55	49	39
Green	28	35	24	23	38	26	31	30	27	28	34
Green Lake	22	26	24	22	14	26	18	19	17	17	16
Iowa	18	17	9	9	18	19	19	21	13	14	16
Iron	2	2	6	1	1	8	1	-	3	4	1
Jackson	26	21	24	26	32	31	21	22	26	29	23
Jefferson	62	71	76	86	88	79	70	83	74	59	85
Juneau	41	39	37	41	41	39	34	37	29	30	23
Kenosha	265	243	246	256	262	245	222	232	228	199	185
Kewaunee	14	21	15	12	18	19	13	17	16	13	13
La Crosse	95	85	104	115	114	81	105	95	108	95	94
Lafayette	18	10	6	10	14	16	20	13	8	19	9
Langlade	31	26	32	27	38	34	30	34	24	24	27
Lincoln	37	45	29	35	33	25	27	33	27	30	23
Manitowoc	75	82	82	94	90	85	80	88	101	76	77

(Continued)

## Trend Information

**Table 16. Births to Teens by County of Residence, Wisconsin 1995-2005**

County	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Marathon	131	127	123	120	143	141	119	137	104	107	122
Marinette	47	42	45	41	42	53	49	39	38	53	49
Marquette	9	18	21	9	21	21	31	19	14	22	18
Menominee	18	16	21	20	23	18	27	16	18	23	25
Milwaukee	2,602	2,566	2,438	2,445	2,480	2,331	2,326	2,184	2,092	2,042	2,034
Monroe	68	63	50	63	53	71	56	52	51	76	50
Oconto	40	35	37	35	42	30	32	33	38	30	27
Oneida	19	30	40	31	26	27	28	21	26	19	29
Outagamie	134	153	149	144	171	162	161	172	145	110	124
Ozaukee	26	35	28	32	32	29	27	28	29	30	25
Pepin	5	5	6	5	9	7	8	6	5	4	2
Pierce	30	20	22	27	27	31	19	27	16	21	28
Polk	42	35	28	38	47	40	46	35	39	35	35
Portage	54	66	59	75	77	84	68	71	66	52	48
Price	23	16	14	13	13	7	9	10	11	8	11
Racine	354	348	353	365	348	352	291	328	324	281	303
Richland	26	13	17	18	18	15	22	12	16	13	12
Rock	233	243	272	252	266	257	273	244	232	226	233
Rusk	35	19	26	13	27	12	21	17	14	20	15
St. Croix	39	47	48	42	50	55	46	31	41	43	46
Sauk	56	65	69	66	63	63	75	79	56	64	65
Sawyer	24	28	22	23	28	32	32	22	18	29	30
Shawano	50	44	49	43	45	38	43	42	35	42	39
Sheboygan	136	122	111	138	150	132	138	107	125	122	135
Taylor	20	10	16	19	21	17	20	17	17	17	20
Trempealeau	30	28	21	28	24	24	29	16	29	35	22
Vernon	20	21	27	25	29	36	21	29	22	20	26
Vilas	28	20	20	13	14	18	20	18	22	11	15
Walworth	90	96	93	109	112	100	114	93	103	118	83
Washburn	16	17	21	13	19	20	22	18	14	15	20
Washington	70	80	73	88	89	77	76	63	70	45	54
Waukesha	188	174	186	206	174	191	146	153	147	142	138
Waupaca	78	68	70	68	52	56	53	46	63	50	41
Waushara	38	38	27	29	35	24	34	34	37	27	29
Winnebago	134	139	183	142	158	157	141	129	136	137	136
Wood	87	120	106	79	82	93	98	62	58	68	68

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

Note: Numbers of births for 1996 reported here are slightly different from those published in the 1996 report because other states filed three duplicate records for Wisconsin teen residents. 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 and Family Services, Bureau of Health Information and Policy, produces mid-year population estimates for the counties and state of Wisconsin by age, sex, and race for non-Census years. These estimates are used to calculate population-based health statistics, such as teen birth rates.

**Race/Ethnicity Classifications.** The Bureau of Health Information and Policy has reported maternal and child health data by race and ethnicity two different ways. The first presentation of data excludes persons of Hispanic/Latino ethnicity from any of the race categories and shows data for Hispanics/Latinos separately. Most of the tables and graphs in this report present the race/ethnicity data in this format. Table 11 includes Hispanics/Latinos 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/Hmong” (who constituted approximately 95 percent of the Indochinese category). The remaining 5 percent of births in the Indochinese category were reallocated to the “Other” grouping; this includes Vietnamese, Cambodian, Thai, Chinese, Japanese, and East Indian.

### 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.

**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 2005 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 results.

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.