
BIRTHS TO TEENS IN WISCONSIN, 1996

This information has been assembled for Department of Health and Family Services staff dealing with teen pregnancy issues and their colleagues throughout the state. The material was compiled by Jan Silbaugh in the Center for Health Statistics. To request additional copies, call 608-266-2838 or e-mail silbajl@dhfs.state.wi.us.

Center for Health Statistics
Division of Health
Department of Health and Family Services

BIRTHS TO TEENS IN WISCONSIN, 1996

April 1998

Center for Health Statistics
Division of Health
Department of Health and Family Services

Overview of Tables and Figures

Data on births to Wisconsin teens for 1996 and other relevant years are presented in two main sections: “Statewide Information” and “Local Information.” The data files used are: resident birth certificate file, matched infant birth-death file, fetal death file and the reported induced abortion publication. In this report, births are defined as live births. All data refer to Wisconsin residents unless otherwise noted.

All the information presented here is derived from data that appeared previously in reports from the Center for Health Statistics, with the exception of Table 11 (teen births by race and county of residence), and Table 13 (teen births by city of residence).

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.

Additional county-level data on teen births are available through AIM (the Assessment Information Manager) on the Department of Health and Family Services Web site located at <http://www.dhfs.state.wi.us/>.

Statewide Information.

Table 1.	Births to Teens by Age Group, 1970-1996	4
Figure 1.	Teen Birth Rates, Selected Years, 1980-1996.....	5
Table 2a.	Wisconsin and United States Age-Specific Teen Birth Rates, 1996.....	5
Table 2b.	Wisconsin and United States Teen Birth Rates, 1980-1996.....	5
Table 3.	Births to Teens by Age Group and Race/Ethnicity, Selected Years	6
Figure 2.	Births to Teens Under 20 as a Percent of All Births by Race/Ethnicity, 1986 and 1996.....	7
Figure 3.	Births to Teens as a Percent of All Births by Race/Ethnicity and Age Group, 1996	7
Table 4.	Births to Teens by Marital Status, Selected Years	8
Table 5.	Teens Who Received First-Trimester Prenatal Care, by Age Group, 1986-1996.....	8
Table 6.	Number of Births to Teens That are Second Order or Higher by Age Group, Selected Years	9
Figure 4.	Percent of Births to Teens That are Second Order or Higher by Age Group, Selected Years	9
Table 7.	Births to Teens by Age Group and Selected Characteristics, 1996	10
Table 8.	Fetal, Neonatal, and Infant Deaths by Teen Age Group, 1996	11

Local Information.

Table 9.	Births to Teens by Age Group and County of Residence, 1996	12
Table 10.	Teen Birth Rates and Estimated Pregnancy Rates by Teen Age Group and County of Residence, 1996.....	14
Table 11.	Births to Teens by Age Group, Race of Mother and County of Residence, 1996	16
Table 12.	Births to Unmarried Teens by Age Group and County of Residence, 1996	18
Table 13.	Births by Teen Age Group and Selected City of Residence, 1996	20

Technical Notes.

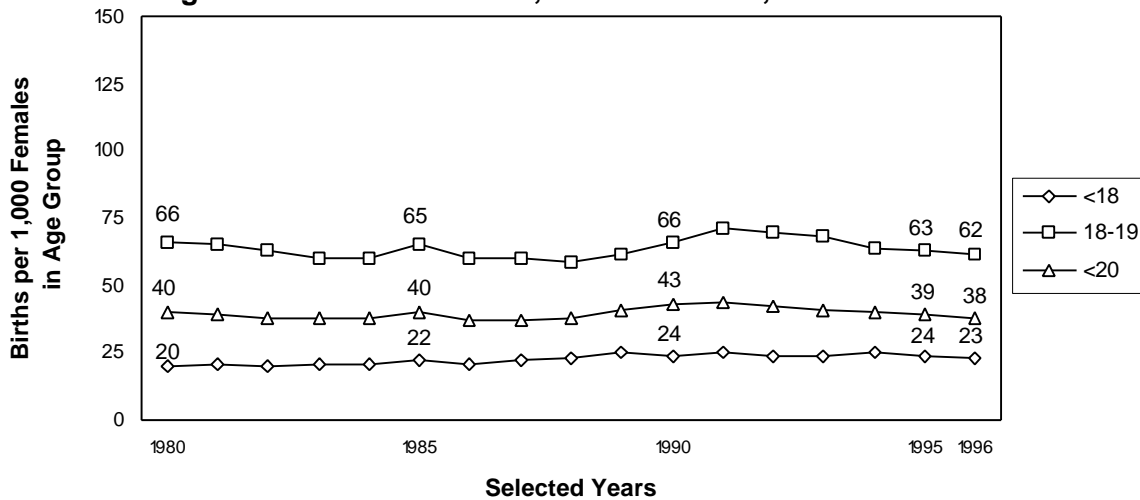
Definitions, Explanation of Terms and Limitations of the Data.....	21
--	----

Table 1. Births to Teens by Age Group, 1970-1996

Year	Number of Teen Births		Number of Total 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	2,509	2,652	4,454	7,106	2.0	35.3	3.9	62.7	10.6

Sources: Wisconsin Center for Health Statistics, *Trends in Maternal and Child Health Statistics, 1968-1988*; *Maternal and Child Health Statistics, 1989-1994*; *Wisconsin Births and Infant Deaths, 1995 and 1996*.

Figure 1. Teen Birth Rates, Selected Years, 1980-1996



Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1995 and 1996*.

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. Wisconsin and United States Age-Specific Teen Birth Rates, 1996

Age	Wisconsin Rate	U.S. Rate
15-19	37.6	54.7
15-17	22.6	34.0
18-19	61.9	86.5

Sources: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*. United States rates from the National Center for Health Statistics, *Monthly Vital Statistics Report*, Vol. 46, No. 1, Suppl. 2, 1997.

Note: Rates shown for ages 15-19 and 15-17 include 143 births to mothers less than 15 years old. The U.S. rate for ages 15-19 and 15-17 do not include births to mothers less than 15 years old. Rates are the number of births per 1,000 females aged 15-19.

Table 2b. Wisconsin and United States Teen Birth Rates, 1980-1996

	1980	1990	1991	1992	1993	1994	1995	1996
Wisconsin	40	42	44	42	41	39	38	37
United States	53	60	62	61	60	59	57	55

Sources: Wisconsin Center for Health Statistics, *Maternal and Child Health Statistics, 1968-1988; Public Health Profiles, 1989-1994; Births to Teens in Wisconsin, 1994; Wisconsin Births and Infant Deaths, 1995 and 1996*. United States rates from the National Center for Health Statistics, *Monthly Vital Statistics Report*, Vol. 46, No. 1, Suppl. 2, 1997.

Note: Rates are the number of births per 1,000 females aged 15-19. Wisconsin births for this table exclude births to mothers below age 15.

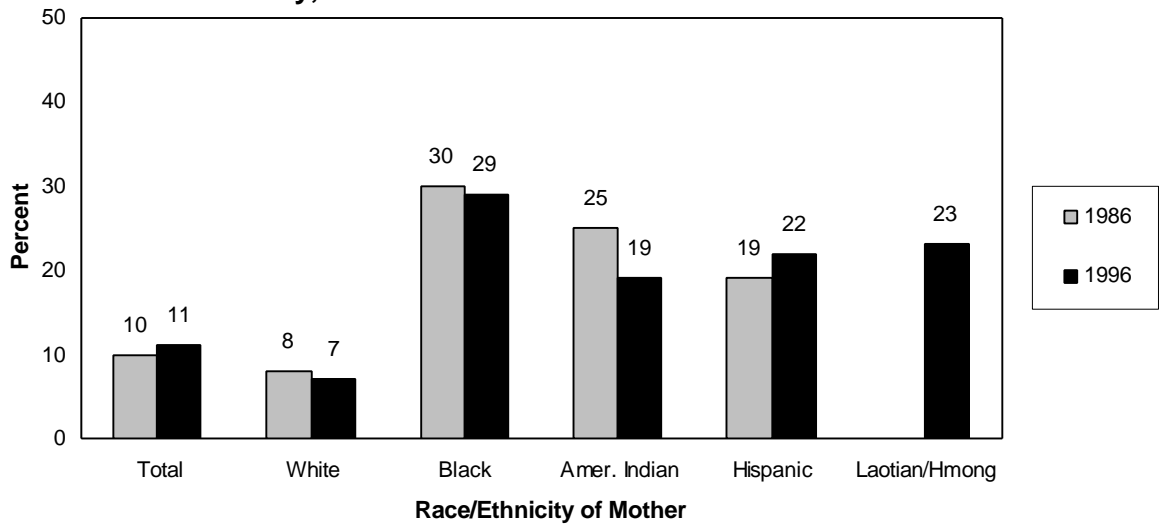
Table 3. Births to Teens by Age Group and Race/Ethnicity, Selected Years

Year	<18	18-19	<20	Birth Rate <20
1986				
White	1,426	3,472	4,898	26.3
Black	847	870	1,717	159.2
Amer. Indian	60	132	192	110.3
Hispanic, any race	80	135	215	55.6
1990				
White	1,208	3,252	4,460	29.6
Black	961	1,219	2,180	183.9
Amer. Indian	63	106	169	92.2
Hispanic, any race	151	254	405	91.5
1996				
White	1,263	2,817	4,080	*
Black	910	971	1,881	*
Amer. Indian	61	95	156	*
Hispanic, any race	262	416	678	*

Sources: Wisconsin Center for Health Statistics, *Maternal and Child Health Statistics* (selected years); *Wisconsin Births and Infant Deaths, 1995-1996*.

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.) An asterisk (*) indicates that population estimates were not available. The <20 birth rates are per 1,000 females aged 15-19, but numerators include births to mothers less than 15.

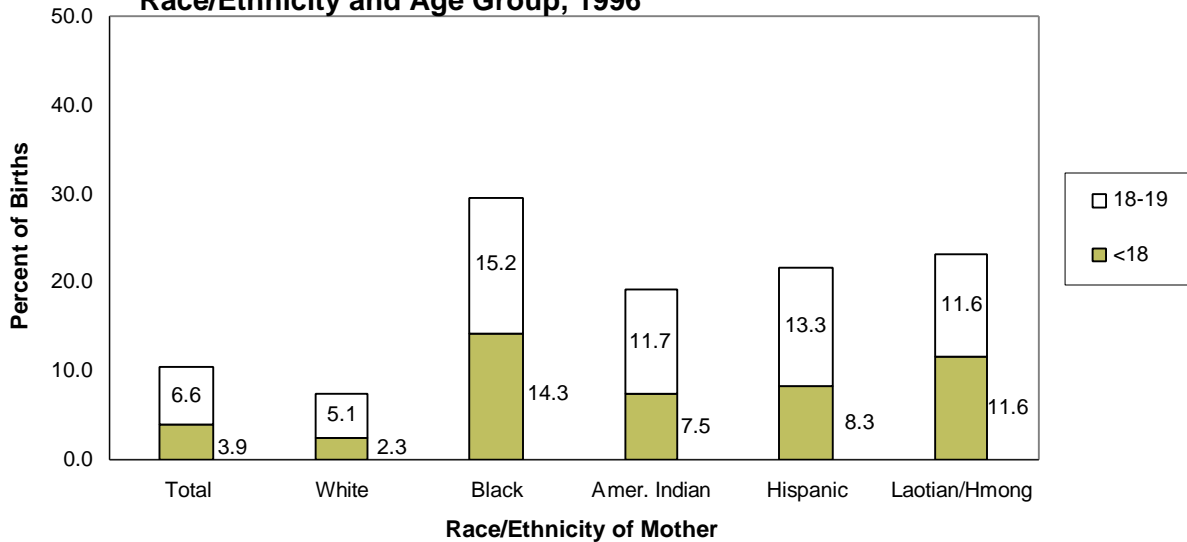
Figure 2. Births to Teens Under 20 as a Percent of All Births by Race/Ethnicity, 1986 and 1996



Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*.

Notes: Births to mothers of Hispanic origin are excluded from race categories in this illustration because an ethnic category is indicated (see Technical Notes). (In contrast, Table 11 includes mothers of Hispanic origin within race categories.) In 1996, 8% of births to mothers whose race/ethnicity was considered to be in the “other” category were to teens (not shown). There are no comparable 1986 data for the Laotian/Hmong or “other” group.

Figure 3. Births to Teens as a Percent of All Births by Race/Ethnicity and Age Group, 1996



Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*.

Note: 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 4. Births to Teens by Marital Status, Selected Years

Marital Status	1986	1990	1992	1993	1994	1995	1996
Married							
Number	2,092	1,475	1,357	1,265	1,139	1,171	1,149
Percent	29.3%	19.9%	18.8%	17.5%	16.2%	16.5%	16.2%
Unmarried							
Number	5,048	5,934	5,851	5,967	5,897	5,937	5,957
Percent	70.7%	80.1%	81.2%	82.5%	83.8%	83.5%	83.8%
Teen Births	7,140	7,410	7,208	7,232	7,037	7,110	7,106

Sources: Wisconsin Center for Health Statistics, *Maternal and Child Health Statistics* (selected years); *Wisconsin Births and Infant Deaths, 1995 and 1996*.

Note: Marital status was not reported for 1 birth in 1990 and 1994, and for 2 births in 1995.

Table 5. Teens Who Received First-Trimester Prenatal Care, by Age Group, 1986-1996

Year	Less than 18		18-19		Less than 20		All Births	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1986	1,334	54%	2,889	62%	4,223	59%	59,652	83%
1987	1,342	54	2,736	62	4,078	59	58,882	83
1988	1,313	53	2,834	63	4,147	60	58,551	83
1989	1,399	55	2,855	61	4,254	59	58,564	81
1990	1,330	54	3,026	61	4,356	59	59,275	82
1991	1,402	54	3,018	63	4,420	60	58,705	81
1992	1,446	56	2,987	65	4,433	62	57,804	82
1993	1,527	57	2,973	65	4,500	62	57,251	82
1994	1,574	59	2,978	68	4,552	65	56,716	83
1995	1,628	60	3,074	70	4,702	66	56,155	83
1996	1,609	61	3,149	71	4,758	67	56,333	84

Sources: Wisconsin Center for Health Statistics, *Maternal and Child Health Statistics* (selected years); *Wisconsin Births and Infant Deaths, 1995 and 1996*.

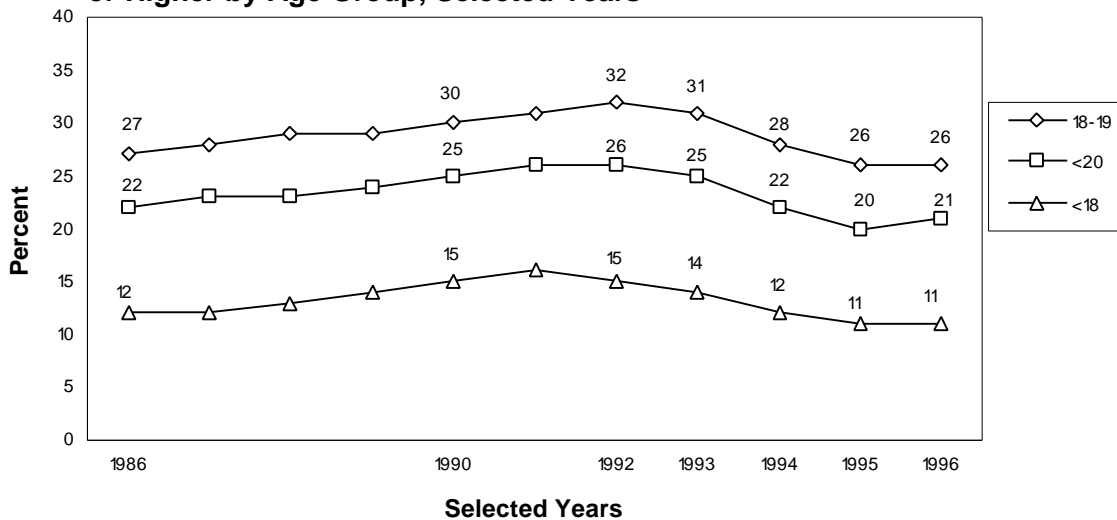
Table 6. Number of Births to Teens That are Second Order or Higher by Age Group, Selected Years

Age Group	1986	1990	1992	1993	1994	1995	1996
Less than 18	303	372	387	368	322	307	289
18-19	1,257	1,492	1,469	1,407	1,212	1,130	1,180
Total <20	1,560	1,864	1,841	1,775	1,534	1,437	1,469

Sources: Wisconsin Center for Health Statistics, *Maternal and Child Statistics* (selected years); *Wisconsin Births and Infant Deaths, 1995 and 1996*.

Notes: Birth order means order of present birth in relationship to previous births. Birth order was not reported for 1 birth to mothers <18 in 1990, for 1 birth to mothers <18 and 3 births to mothers 18-19 in 1991; for 1 birth to mothers <18 in 1992; for 5 births to mothers 18-19 in 1993; for 7 births to mothers 18-19 in 1994; for 3 births to mothers 18-19 in 1995; and for 1 birth to mothers <18 and 1 birth to mothers 18-19 in 1996.

Figure 4. Percent of Births to Teens That are Second Order or Higher by Age Group, Selected Years



Sources: Wisconsin Center for Health Statistics, *Maternal and Child Health Statistics* (selected years); *Wisconsin Births and Infant Deaths, 1995 and 1996*.

Table 7. Births to Teens by Age Group and Selected Characteristics, 1996

	<15	15-17	<18	18-19	<20	All Births All Ages
Total	143	2,509	2,652	4,454	7,106	67,150
Race of Mother						
White	19	1,244	1,263	2,817	4,080	54,915
Black	94	816	910	971	1,881	6,380
Amer. Indian	5	56	61	95	156	812
Hispanic	11	251	262	416	678	3,138
Lao/Hmong	12	108	120	120	240	1,031
Other	2	33	35	35	70	855
Unknown	-	1	1	-	1	19
Education						
Elem. or Less	120	269	389	137	526	2,086
Some H.S.	23	2,067	2,090	1,863	3,953	8,709
H. S. Grad	-	165	165	2,176	2,341	22,474
Some College	-	1	1	268	269	16,631
College Grad	-	-	-	2	2	10,778
Post-Grad	-	-	-	-	-	6,389
Unknown	-	7	7	8	15	83
Marital Status						
Married	1	235	236	913	1,149	48,615
Unmarried	142	2,274	2,416	3,541	5,957	18,530
Unknown	-	-	-	-	-	5
Trimester Prenatal Care Began						
First	59	1,550	1,609	3,149	4,758	56,333
Second	56	712	768	1,016	1,784	8,510
Third	25	206	231	210	441	1,696
None	3	37	40	69	109	509
Unknown	-	4	4	10	14	102
Number of Prenatal Care Visits						
No Visits	3	37	40	69	109	509
1-4	21	191	212	242	454	2,009
5-9	56	718	774	1,079	1,853	11,728
10-12	47	999	1,046	1,845	2,891	30,506
13+	16	556	572	1,198	1,770	22,180
Unknown	-	8	8	21	29	218
Birthweight						
<1,500 grams	2	43	45	78	123	850
1,500-2,499 grams	11	183	194	276	470	3,372
+2,500 grams	130	2,282	2,412	4,098	6,510	62,921
Unknown	-	1	1	2	3	7
<2,500 grams	13	226	239	354	593	4,222

Statewide Information

Table 7. (Continued) Births to Teens by Age Group and Selected Characteristics, 1996

	<15	15-17	<18	18-19	<20	All Births All Ages
Smoked During Pregnancy						
No	127	1,941	2,068	3,157	5,225	54,884
Yes	16	567	583	1,291	1,874	12,210
Unknown	-	1	1	6	7	56
Live Birth Order						
First	140	2,222	2,362	3,273	5,635	26,329
Second	3	250	253	940	1,193	21,933
Third	-	29	29	195	224	11,178
Fourth	-	7	7	37	44	4,258
Fifth or higher	-	-	-	8	8	3,443
Unknown	-	1	1	1	2	9
Plurality						
Single Birth	141	2,489	2,630	4,378	7,008	65,278
Multiple Birth	2	20	22	76	98	1,871
Unknown	-	-	-	-	-	1

Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*.

Note: Included in the total of all births are 3 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.)

Table 8. Fetal, Neonatal, and Infant Deaths by Teen Age Group, 1996

	<15	15-17	<18	18-19	<20	All Deaths
Fetal deaths						
Number	5	21	26	23	49	416
Rate	-	8.3	9.7	5.1	6.8	6.2
Neonatal deaths						
Number	0	13	13	27	40	314
Rate	-	5.2	4.9	6.1	5.6	4.7
Infant deaths						
Number	0	27	27	52	79	492
Rate	-	10.8	10.2	11.7	11.1	7.3

Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*.

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 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 1 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 9. Births to Teens by Age Group and County of Residence, 1996

County	<15	15-17	<18	18-19	<20	All Births All Ages
Total	143	2,509	2,652	4,454	7,106	67,150
Adams	-	8	8	10	18	184
Ashland	-	6	6	23	29	234
Barron	-	15	15	47	62	503
Bayfield	2	1	3	12	15	149
Brown	5	85	90	166	256	3,051
Buffalo	-	1	1	8	9	146
Burnett	-	7	7	16	23	147
Calumet	-	10	10	20	30	466
Chippewa	-	15	15	51	66	590
Clark	-	9	9	21	30	467
Columbia	-	14	14	43	57	616
Crawford	-	4	4	10	14	183
Dane	5	93	98	198	296	4,977
Dodge	-	33	33	62	95	976
Door	-	5	5	20	25	260
Douglas	-	24	24	34	58	532
Dunn	1	16	17	26	43	434
Eau Claire	2	38	40	78	118	1,079
Florence	-	4	4	3	7	64
Fond du Lac	-	25	25	86	111	1,138
Forest	-	5	5	6	11	94
Grant	-	7	7	34	41	497
Green	-	7	7	28	35	408
Green Lake	1	5	6	20	26	208
Iowa	-	4	4	13	17	260
Iron	-	2	2	1	3	76
Jackson	-	4	4	17	21	193
Jefferson	-	21	21	50	71	892
Juneau	-	14	14	25	39	264
Kenosha	6	84	90	153	243	2,008
Kewaunee	-	10	10	11	21	214
La Crosse	-	31	31	54	85	1,236
Lafayette	-	2	2	8	10	180
Langlade	-	13	13	13	26	214
Lincoln	-	15	15	30	45	338
Manitowoc	-	27	27	55	82	941
Marathon	5	41	46	81	127	1,621
Marinette	1	12	13	30	43	456
Marquette	-	8	8	10	18	147
Menominee	1	8	9	7	16	91
Milwaukee	86	1,063	1,149	1,417	2,566	14,792
Monroe	-	26	26	37	63	557

Local Information

Table 9. Births to Teens by Age Group and County of Residence, 1996

County						All Births
	<15	15-17	<18	18-19	<20	All Ages
Oconto	-	16	16	19	35	374
Oneida	-	6	6	24	30	326
Outagamie	3	45	48	105	153	2,101
Ozaukee	1	10	11	24	35	961
Pepin	-	1	1	4	5	75
Pierce	-	8	8	12	20	373
Polk	-	7	7	28	35	409
Portage	2	18	20	46	66	797
Price	-	5	5	11	16	154
Racine	10	114	124	224	348	2,592
Richland	-	2	2	11	13	187
Rock	3	86	89	154	243	1,969
Rusk	-	6	6	13	19	161
St. Croix	-	12	12	35	47	767
Sauk	-	22	22	43	65	676
Sawyer	2	8	10	18	28	188
Shawano	1	14	15	29	44	458
Sheboygan	-	37	37	85	122	1,333
Taylor	-	4	4	6	10	225
Trempealeau	-	11	11	17	28	326
Vernon	-	4	4	17	21	338
Vilas	-	5	5	15	20	167
Walworth	2	27	29	67	96	1,019
Washburn	-	3	3	14	17	148
Washington	-	24	24	56	80	1,456
Waukesha	1	67	68	106	174	4,138
Waupaca	1	19	20	48	68	617
Waushara	-	12	12	26	38	219
Winnebago	1	56	57	82	139	1,756
Wood	1	38	39	81	120	957

Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*.

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

Local Information

Table 10. Teen Birth Rates and Estimated Pregnancy Rates by Teen Age Group and County of Residence, 1996

County	Teen Birth Rate			Pregnancy Rate		
	<18	18-19	<20	<18	18-19	<20
Total	22.6	61.9	37.6	32.1	84.4	52.0
Adams	--	--	--	--	--	--
Ashland	--	92.4	44.4	--	92.4	44.4
Barron	--	79.0	38.6	--	79.0	38.6
Bayfield	--	--	--	--	--	--
Brown	19.0	57.9	33.7	25.8	76.4	44.9
Buffalo	--	--	--	--	--	--
Burnett	--	--	46.7	--	--	46.7
Calumet	--	35.6	20.1	--	35.6	20.1
Chippewa	--	66.2	32.3	--	66.2	32.3
Clark	--	42.1	23.5	--	42.1	23.5
Columbia	--	65.4	33.0	--	83.7	47.5
Crawford	--	--	--	--	--	--
Dane	10.8	35.2	20.1	25.2	71.7	43.0
Dodge	18.1	57.4	32.7	25.8	77.8	45.1
Door	--	55.2	27.3	--	55.2	27.3
Douglas	24.9	59.0	37.6	24.9	59.0	37.6
Dunn	--	35.9	21.9	--	35.9	21.9
Eau Claire	14.7	47.8	27.1	14.7	47.8	27.1
Florence	--	--	--	--	--	--
Fond du Lac	11.2	60.1	30.3	20.6	72.6	41.0
Forest	--	--	--	--	--	--
Grant	--	42.1	20.6	--	42.1	20.6
Green	--	61.4	29.5	--	78.9	40.4
Green Lake	--	74.9	36.5	--	74.9	36.5
Iowa	--	--	--	--	--	--
Iron	--	--	--	--	--	--
Jackson	--	--	32.5	--	--	32.5
Jefferson	11.9	45.0	24.7	19.3	61.2	35.5
Juneau	--	81.2	46.1	--	81.2	46.1
Kenosha	29.5	81.3	49.3	45.9	113.2	71.6
Kewaunee	--	--	28.2	--	--	28.2
La Crosse	10.6	30.1	18.0	19.8	46.9	30.1
Lafayette	--	--	--	--	--	--
Langlade	--	--	34.1	--	--	34.1
Lincoln	--	76.5	41.9	--	76.5	42.9
Manitowoc	14.3	46.9	26.8	19.1	63.1	35.9
Marathon	15.6	45.6	26.9	23.1	64.1	38.5
Marinette	--	51.8	27.9	--	53.5	28.6
Marquette	--	--	--	--	--	--
Menominee	--	--	--	--	--	--
Milwaukee	56.9	116.3	79.2	75.7	162.0	108.1
Monroe	28.3	69.9	43.5	28.3	69.9	43.5

Local Information

Table 10. Teen Birth Rates and Estimated Pregnancy Rates by Teen Age Group and County of Residence, 1996

County	Teen Birth Rate			Pregnancy Rate		
	<18	18-19	<20	<18	18-19	<20
Oconto	--	--	30.1	28.6	56.1	38.7
Oneida	--	60.0	27.7	--	80.0	43.4
Outagamie	13.6	49.6	27.1	19.0	73.3	39.3
Ozaukee	--	23.1	13.0	--	39.5	21.9
Pepin	--	--	--	--	--	--
Pierce	--	--	11.9	--	--	11.9
Polk	--	56.6	26.2	--	56.6	26.2
Portage	10.5	39.7	21.5	18.9	54.2	32.2
Price	--	--	--	--	--	--
Racine	29.6	88.3	51.7	41.5	114.4	69.0
Richland	--	--	--	--	--	--
Rock	27.4	77.9	46.5	34.8	98.1	58.8
Rusk	--	--	--	--	--	--
St. Croix	--	45.5	22.7	--	45.5	22.7
Sauk	19.6	60.6	35.5	28.5	86.0	50.8
Sawyer	--	--	54.0	--	--	54.0
Shawano	--	57.9	33.0	--	57.9	33.0
Sheboygan	15.5	54.7	30.9	27.6	68.8	43.8
Taylor	--	--	--	--	--	--
Trempealeau	--	--	31.3	--	--	31.3
Vernon	--	--	21.5	--	--	21.5
Vilas	--	--	39.5	--	--	39.5
Walworth	15.9	60.0	32.6	21.9	82.4	44.8
Washburn	--	--	--	--	--	--
Washington	9.8	36.6	20.1	17.5	56.2	32.4
Waukesha	9.3	22.3	14.4	17.4	36.7	25.0
Waupaca	17.2	70.2	36.8	24.1	92.1	49.2
Waushara	--	85.5	52.7	--	85.5	52.7
Winnebago	17.7	43.5	27.3	25.8	64.8	40.2
Wood	21.8	73.0	41.5	28.0	98.2	54.9

Sources: Wisconsin Center for Health Statistics population estimates; *Wisconsin Births and Infant Deaths, 1996*; and *Reported Induced Abortions in Wisconsin, 1996*.

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

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

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

The pregnancy rate is an estimate based on the number of live births, reported fetal deaths, and reported induced abortions. This underestimates the actual number of pregnancies because it does not include many miscarriages. 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 11. Births to Teens by Age Group, Race of Mother and County of Residence, 1996

County	<18			18-19			Teens <20			Total
	White	Black	Other	White	Black	Other	White	Black	Other	
Total	1,508	918	225	3,221	976	257	4,729	1,894	482	7,106
Adams	7	1	0	9	0	1	16	1	1	18
Ashland	4	1	1	19	1	3	23	2	4	29
Barron	13	0	2	46	1	0	59	1	2	62
Bayfield	1	0	2	8	0	4	9	0	6	15
Brown	64	1	25	129	3	34	193	4	59	256
Buffalo	1	0	0	8	0	0	9	0	0	9
Burnett	4	0	3	13	1	2	17	1	5	23
Calumet	8	0	2	20	0	0	28	0	2	30
Chippewa	14	0	1	50	0	1	64	0	2	66
Clark	8	0	1	21	0	0	29	0	1	30
Columbia	13	0	1	42	0	1	55	0	2	57
Crawford	4	0	0	10	0	0	14	0	0	14
Dane	59	32	7	143	46	9	202	78	16	296
Dodge	30	1	2	61	1	0	91	2	2	95
Door	5	0	0	20	0	0	25	0	0	25
Douglas	24	0	0	30	1	3	54	1	3	58
Dunn	14	0	3	24	0	2	38	0	5	43
Eau Claire	33	0	7	63	2	13	96	2	20	118
Florence	4	0	0	3	0	0	7	0	0	7
Fond du Lac	24	0	1	83	1	2	107	1	3	111
Forest	4	0	1	5	0	1	9	0	2	11
Grant	6	1	0	34	0	0	40	1	0	41
Green	7	0	0	27	1	0	34	1	0	35
Green Lake	6	0	0	19	0	1	25	0	1	26
Iowa	4	0	0	13	0	0	17	0	0	17
Iron	2	0	0	1	0	0	3	0	0	3
Jackson	4	0	0	17	0	0	21	0	0	21
Jefferson	20	0	1	49	0	1	69	0	2	71
Juneau	14	0	0	24	0	1	38	0	1	39
Kenosha	60	30	0	127	25	1	187	55	1	243
Kewaunee	10	0	0	10	0	1	20	0	1	21
La Crosse	20	0	11	45	2	7	65	2	18	85
Lafayette	2	0	0	8	0	0	10	0	0	10
Langlade	13	0	0	11	0	2	24	0	2	26
Lincoln	15	0	0	30	0	0	45	0	0	45
Manitowoc	25	0	2	48	1	6	73	1	8	82

Local Information

Table 11. Births to Teens by Age Group, Race of Mother and County of Residence, 1996

County	<18			18-19			Teens <20			Total
	White	Black	Other	White	Black	Other	White	Black	Other	
Marathon	36	0	10	67	0	14	103	0	24	127
Marinette	13	0	0	28	0	2	41	0	2	43
Marquette	8	0	0	10	0	0	18	0	0	18
Menominee	1	0	8	1	0	6	2	0	14	16
Milwaukee	310	773	66	571	790	56	881	1,563	122	2,566
Monroe	25	0	1	35	1	1	60	1	2	63
Oconto	15	0	1	19	0	0	34	0	1	35
Oneida	6	0	0	21	1	2	27	1	2	30
Outagamie	33	0	15	89	2	14	122	2	29	153
Ozaukee	10	0	1	23	0	1	33	0	2	35
Pepin	1	0	0	4	0	0	5	0	0	5
Pierce	7	0	0	12	0	0	19	0	0	20
Polk	5	1	1	28	0	0	33	1	1	35
Portage	13	0	7	37	0	9	50	0	16	66
Price	5	0	0	11	0	0	16	0	0	16
Racine	65	58	1	151	72	1	216	130	2	348
Richland	2	0	0	11	0	0	13	0	0	13
Rock	72	15	2	134	18	2	206	33	4	243
Rusk	6	0	0	12	0	1	18	0	1	19
St. Croix	12	0	0	33	0	2	45	0	2	47
Sauk	22	0	0	41	0	2	63	0	2	65
Sawyer	7	0	3	6	0	12	13	0	15	28
Shawano	12	0	3	26	0	3	38	0	6	44
Sheboygan	29	1	7	73	0	12	102	1	19	122
Taylor	4	0	0	6	0	0	10	0	0	10
Trempealeau	11	0	0	17	0	0	28	0	0	28
Vernon	4	0	0	17	0	0	21	0	0	21
Vilas	4	0	1	9	0	6	13	0	7	20
Walworth	27	0	2	67	0	0	94	0	2	96
Washburn	3	0	0	14	0	0	17	0	0	17
Washington	23	0	1	56	0	0	79	0	1	80
Waukesha	62	3	3	103	2	1	165	5	4	174
Waupaca	19	0	1	47	1	0	66	1	1	68
Waushara	12	0	0	26	0	0	38	0	0	38
Winnebago	48	0	9	75	1	6	123	1	15	139
Wood	30	0	9	71	2	8	101	2	17	120

Note: Included in total is one birth for which race of mother was not reported. 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.

Local Information

Table 12. Births to Unmarried Teens by Age Group and County of Residence, 1996

County	<15	15-17	<18	18-19	<20	All Nonmarital Births
Total	142	2,274	2,416	3,541	5,957	18,530
Adams	0	5	5	6	11	55
Ashland	0	5	5	10	15	52
Barron	0	13	13	36	49	137
Bayfield	2	1	3	9	12	44
Brown	5	72	77	143	220	756
Buffalo	0	1	1	5	6	21
Burnett	0	7	7	8	15	47
Calumet	0	9	9	16	25	65
Chippewa	0	15	15	36	51	153
Clark	0	8	8	15	23	74
Columbia	0	13	13	31	44	123
Crawford	0	2	2	8	10	38
Dane	5	86	91	167	258	990
Dodge	0	33	33	45	78	233
Door	0	5	5	15	20	57
Douglas	0	24	24	22	46	163
Dunn	1	13	14	17	31	102
Eau Claire	2	31	33	65	98	274
Florence	0	3	3	0	3	6
Fond du Lac	0	22	22	60	82	265
Forest	0	3	3	5	8	31
Grant	0	4	4	25	29	111
Green	0	7	7	23	30	89
Green Lake	1	4	5	12	17	44
Iowa	0	4	4	11	15	45
Iron	0	1	1	0	1	7
Jackson	0	3	3	11	14	45
Jefferson	0	16	16	39	55	170
Juneau	0	11	11	16	27	71
Kenosha	6	82	88	127	215	638
Kewaunee	0	10	10	10	20	50
La Crosse	0	22	22	40	62	246
Lafayette	0	2	2	5	7	34
Langlade	0	8	8	9	17	51
Lincoln	0	13	13	22	35	94
Manitowoc	0	24	24	42	66	193
Marathon	5	35	40	52	92	302
Marinette	1	12	13	22	35	98
Marquette	0	8	8	6	14	31
Menominee	1	7	8	6	14	72
Milwaukee	85	1,019	1,104	1,271	2,375	7,146
Monroe	0	21	21	26	47	131

Local Information

Table 12. Births to Unmarried Teens by Age Group and County of Residence, 1996

County						All Nonmarital
	<15	15-17	<18	18-19	<20	Births
Oconto	0	16	16	15	31	93
Oneida	0	6	6	14	20	70
Outagamie	3	35	38	79	117	374
Ozaukee	1	9	10	19	29	89
Pepin	0	0	0	4	4	15
Pierce	0	7	7	8	15	58
Polk	0	7	7	20	27	105
Portage	2	9	11	28	39	140
Price	0	4	4	9	13	29
Racine	10	104	114	192	306	914
Richland	0	2	2	8	10	38
Rock	3	79	82	114	196	598
Rusk	0	5	5	7	12	38
St. Croix	0	11	11	28	39	134
Sauk	0	20	20	28	48	144
Sawyer	2	8	10	15	25	77
Shawano	1	10	11	17	28	101
Sheboygan	0	27	27	56	83	210
Taylor	0	4	4	5	9	49
Trempealeau	0	10	10	12	22	82
Vernon	0	4	4	12	16	49
Vilas	0	4	4	10	14	46
Walworth	2	23	25	43	68	222
Washburn	0	3	3	12	15	31
Washington	0	22	22	47	69	215
Waukesha	1	64	65	76	141	470
Waupaca	1	15	16	38	54	144
Waushara	0	10	10	14	24	51
Winnebago	1	43	44	62	106	356
Wood	1	29	30	55	85	234

Source: Wisconsin Center for Health Statistics, *Wisconsin Births and Infant Deaths, 1996*.

Local Information

Table 13. Births by Teen Age Group and Selected City of Residence, 1996

City	<15	15-17	<18	18-19	<20	All Births
Appleton	3	27	30	73	103	1,104
Beloit	1	36	37	63	100	546
Eau Claire	0	25	25	55	80	702
Fond du Lac	0	16	16	48	64	565
Green Bay	4	65	69	122	191	1,711
Janesville	2	30	32	53	85	863
Kenosha	5	70	75	137	212	1,554
La Crosse	0	19	19	38	57	607
Madison	5	61	66	132	198	2,593
Manitowoc	0	15	15	27	42	421
Mequon/Thiensville	0	0	0	4	4	258
Milwaukee	85	994	1,079	1,293	2,372	11,227
Neenah/Menasha	0	17	17	30	47	546
Oshkosh	1	24	25	37	62	739
Racine	10	95	105	183	288	1,588
Sheboygan	0	27	27	64	91	701
Stevens Point	1	10	11	24	35	295
Superior	0	18	18	25	43	364
Watertown	0	10	10	23	33	290
Waukesha	1	31	32	41	73	969
Wausau	4	19	23	46	69	596
West Bend	0	9	9	26	35	424

Source: Wisconsin Center for Health Statistics, resident birth certificates.

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.

Race/Ethnicity Classifications. The Center for Health Statistics has reported maternal and child data by race and ethnicity two different ways. The first presentation of data excludes Hispanics from any of the race categories and shows data for Hispanics separately. Most of the tables and graphs in this report present the race/ethnicity data in this format. Table 11 includes Hispanics 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 1996, rather than the mortality experience of the 1996 birth cohort, to allow more timely reporting on infant mortality.

Fetal Deaths. Fetal death is defined as “death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles.” Only fetal deaths of at least 20 weeks gestation or 350 grams must be reported in Wisconsin. A fetal death report is not used for induced abortions. Some 1996 fetal deaths are not reported due to occurrences to Wisconsin residents outside the state and under-reporting within the state.

Limitations of the Data. Vital records information has some limitations related to completeness, accuracy, and timeliness of registration, quality control procedures and classification problems. The reporting of live births and infant deaths is considered to be essentially complete for births occurring in Wisconsin. A cooperative exchange program between 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 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.