

FERTILITY

*Alliya Anderson, R. Darcy, Kelsey King and
Lindsay Knox*

- Table 1. Trend of Total Births to Females Under 20; Oklahoma, 1960-1990
- Table 2. First Births by Teen-age Mothers; Oklahoma, 1986-1990
- Table 3. Number of Births to Females Under 20 Comparative to Total Number of Births by State, 2000
- Table 4. Pregnancies, Births, Abortions, Miscarriages/Stillbirths Women aged 15-19 State-by-State Comparison, 2000
- Table 5. Resident Live Births, by Age of Mother; Oklahoma 1971
- Table 6. Number of Teen Births by Age: Oklahoma and US, 2001
- Table 7. Pregnancy Rates Per 1,000 Teens Aged 15-19, by State of Residence: 1985-2000
- Table 8. Infant Mortality 2000 - 2001: Deaths per 1,000 Live Births
- Table 9. Oklahoma and National Teen Pregnancy 2002
- Table 10. Percent of Pregnant Women Who Have Their First Prenatal Visit in the First Trimester with Regular Follow-Up Visits by State: 2001

**Table 1. Trend of Total Births to Females Under 20;
Oklahoma, 1960-1990**

Year	Total Live Births	Year	Total Live Births
1960	10,151	1976	9,930
1961	10,390	1977	9,740
1962	10,569	1978	9,574
1963	10,270	1979	10,032
1964	9,773	1980	10,192
1965	9,111	1981	10,210
1966	9,340	1982	10,752
1967	8,868	1983	10,014
1968	8,912	1984	8,807
1969	9,157	1985	8,410
1970	10,006	1986	7,894
1971	10,325	1987	7,648
1972	10,127	1988	7,561
1973	9,998	1989	7,736
1974	10,052	1990	7,718
1975	10,061		

Source: Lindsay Knox, Alliya Anderson calculations from *The National Campaign to Prevent Teen Pregnancy*. Teen Pregnancy Prevention, 2002 <<http://www.teenpregnancy.org>>



DID YOU KNOW?

Teen births reached their peak in 1982 and then started declining?
(Fertility Table 1 page 338)

Table 2. First Births by Teen-age Mothers; Oklahoma, 1986-1990

Year	Ages 11-19		Ages 11-14		Ages 15-17		Ages 18-19	
	Total First Births	% of Teen Births	Total First Births	% of Teen Births	Total First Births	% of Teen Births	Total First Births	% of Teen Births
1986	5,524	100	127	2.30	2,326	42.11	3,071	55.59
1987	5,739	100	139	2.42	2,379	41.45	3,221	56.12
1988	5,603	100	137	2.45	2,289	40.85	3,177	56.70
1989	5,738	100	114	1.99	2,205	38.43	3,419	59.59
1990	5,740	100	107	1.86	2,115	36.85	3,518	61.29

Source: Lindsay Knox, Alliya Anderson; Calculations from Oklahoma Medical Research Foundation. Health Policy Brief: Public Costs of Teen Childbearing. Tulsa, Oklahoma: Center For Health Policy Research, 1990.

Table 3. Number of Births to Females Under 20 Comparative to Total Number of Births by State, 2000

State	Total Number of Births in State	Total Number of Births to Females Under 20	Percent of Total Births to Females Under 20	Rank*
U.S. Total	4,058,814	477,509	11.76	
Alabama	63,299	9,928	15.68	46
Alaska	9,974	1,176	11.79	28
Arizona	85,273	12,236	14.35	42
Arkansas	37,783	6,530	17.28	49
California	531,959	56,359	10.59	21
Colorado	65,438	7,667	11.72	27
Connecticut	43,026	3,343	7.77	4
Delaware	11,051	1,361	12.32	31
D.C.	7,666	1,088	14.19	41
Florida	204,125	25,697	12.59	33
Georgia	132,644	18,390	13.86	39
Hawaii	17,551	1,806	10.29	19
Idaho	20,366	2,365	11.61	25
Illinois	185,036	21,105	11.41	24
Indiana	87,699	10,974	12.51	32
Iowa	38,266	3,836	10.02	14
Kansas	39,666	4,762	12.01	29
Kentucky	56,029	7,905	14.11	40
Louisiana	67,898	11,543	17.00	48
Maine	13,603	1,280	9.41	10
Maryland	74,316	7,370	9.92	13
Massachusetts	81,614	5,398	6.61	1
Michigan	136,171	14,345	10.53	20
Minnesota	67,604	5,587	8.26	7
Mississippi	44,075	8,265	18.75	51
Missouri	76,463	9,986	13.06	36
Montana	10,957	1,274	11.63	26
Nebraska	24,646	2,511	10.19	16
Nevada	30,829	3,926	12.73	34
New Hampshire	14,609	999	6.84	2
New Jersey	115,632	8,219	7.11	3
New Mexico	27,223	4,733	17.39	50
New York	258,737	21,138	8.17	6

Table 3. Number of Births to Females Under 20 Comparative to Total Number of Births by State, 2000 (cont'd)

State	Total Number of Births in State	Total Number of Births to Females Under 20	Percent of Total Births to Females Under 20	Rank*
North Carolina	120,311	15,690	13.04	35
North Dakota	7,676	710	9.25	9
Ohio	155,472	18,762	12.07	30
Oklahoma	49,782	7,901	15.87	47
Oregon	45,804	5,160	11.27	22
Pennsylvania	146,281	14,472	9.89	11
Rhode Island	12,505	1,278	10.22	18
South Carolina	56,114	8,590	15.31	45
South Dakota	10,345	1,174	11.35	23
Tennessee	79,611	11,684	14.68	43
Texas	363,414	55,437	15.25	44
Utah	47,353	4,184	8.84	8
Vermont	6,500	523	8.05	5
Virginia	98,938	9,809	9.91	12
Washington	81,036	8,245	10.17	15
West Virginia	20,865	2,868	13.75	38
Wisconsin	69,326	7,076	10.21	17
Wyoming	6,253	844	13.50	37

*51= highest percent of total births to females under age 20.

Source: Lindsay Knox, Alliya Anderson: The National Campaign to Prevent Teen Pregnancy 2000 State Birth Statistics. <http://www.teenpregnancy.org/resources/data/pdf/StateComparisonData.pdf> Centers for Disease Control and Prevention, 2000.National Vital Statistics Reports, Vol. 52, Nov. 19, May 10, 2004.



DID YOU KNOW?

In 1990 36.85% of births to teen mothers were to those aged 15 to 17?
(Fertility Table 2 page 339)

Table 4. Pregnancies, Births, Abortions, Miscarriages/Stillbirths Women aged 15-19 State-by-State Comparison, 2000

State	Pregnancies*	Births	Percent of Pregnancies Resulting in Birth	Abortions*	Percent of Pregnancies Resulting in Abortion	Miscarriages/ Stillbirths*	Percent of Pregnancies Resulting in Miscarriages/ Stillbirths
U.S. Total	821,810	468,990	57.1	235,470	28.7	117,350	14.3
Alabama	14,400	9,727	67.5	2,480	17.2	2,190	15.2
Alaska	1,770	1,162	65.6	340	19.2	270	15.3
Arizona	18,610	12,018	64.6	3,810	20.5	2,780	14.9
Arkansas	8,980	6,400	71.3	180	2.0	1,400	15.6
California	113,000	55,463	49.1	42,230	37.4	1,520	13.6
Colorado	12,130	7,550	62.2	2,790	23.0	1,790	14.8
Connecticut	7,420	3,277	44.2	317	4.3	970	13.1
Delaware	2,540	1,330	52.4	860	33.9	350	13.8
D. C.	2,410	1,057	43.9	1,040	43.2	320	13.3
Florida***	48,440	25,166	52.0	16,590	34.2	6,690	13.8
Georgia	27,370	17,994	65.7	5,250	19.2	4,120	15.1
Hawaii	3,600	1,788	49.7	1,320	36.7	490	13.6
Idaho	3,420	2,349	68.7	540	15.8	520	15.2
Illinois	37,480	20,714	55.3	11,480	30.6	5,290	14.1
Indiana	16,020	10,846	67.7	2,730	17.0	2,440	15.2
Iowa	6,020	3,788	62.9	1,340	22.3	890	14.8
Kansas	7,030	4,706	66.9	1,260	17.9	1,070	15.2
Kentucky	10,610	7,775	73.3	1,170	11.0	1,670	15.7
Louisiana	15,780	11,269	71.4	2,050	13.0	2,460	15.6

**Table 4. Pregnancies, Births, Abortions, Miscarriages/Stillbirths Women aged 15-19
State-by-State Comparison, 2000 (cont'd)**

State	Pregnancies*	Births	Percent of Pregnancies Resulting in Birth	Abortions*	Percent of Pregnancies Resulting in Abortion	Miscarriages/ Stillbirths*	Percent of Pregnancies Resulting in Miscarriages/ Stillbirths
Maine	2,250	1,273	56.6	660	29.3	320	14.2
Maryland	15,910	7,202	45.3	6,600	41.5	2,100	13.2
Massachusetts	12,160	5,308	43.7	5,260	43.3	1,590	13.1
Michigan	26,270	14,122	53.8	8,480	32.3	3,670	14.0
Minnesota	9,120	5,495	60.3	2,290	25.1	1,330	14.6
Mississippi	11,630	8,028	69.0	1,820	15.6	1,790	15.4
Missouri	14,950	9,852	65.9	2,840	19.0	2,250	15.1
Montana	2,070	1,268	61.3	500	24.2	300	14.5
Nebraska	3,860	2,477	64.2	810	21.0	580	15.0
Nevada	7,130	3,861	54.2	2,270	31.8	1,000	14.0
New Hampshire	2,000	995	49.8	730	36.5	270	13.5
New Jersey	23,080	8,087	35.0	12,160	52.7	2,830	12.3
New Mexico	7,290	4,655	63.9	1,550	21.3	1,090	15.0
New York	56,410	20,783	36.8	28,620	50.7	7,020	12.4
North Carolina	24,790	15,353	61.9	5,790	23.4	3,650	14.7
North Dakota	1,070	706	66.0	200	18.7	160	15.0
Ohio	29,650	18,455	62.2	6,820	23.0	4,370	14.7
Oklahoma	11,110	7,780	70.0	1,620	14.6	1,720	15.5
Oregon	9,360	5,094	54.4	2,950	31.5	1,310	14.0
Pennsylvania	24,950	14,177	56.8	7,210	28.9	3,560	14.3
Rhode Island	2,430	1,250	51.4	850	35.0	330	13.6
South Carolina	12,760	8,382	65.7	2,450	19.2	1,920	15.0

**Table 4. Pregnancies, Births, Abortions, Miscarriages/Stillbirths Women aged 15-19
State-by-State Comparison, 2000 (cont'd)**

State	Pregnancies*	Births	Percent of Pregnancies Resulting in Birth	Abortions*	Percent of Pregnancies Resulting in Abortion	Miscarriages/ Stillbirths*	Percent of Pregnancies Resulting in Miscarriages/ Stillbirths
South Dakota	1,620	1,155	71.3	220	13.6	250	15.4
Tennessee	17,070	11,458	67.1	3,020	17.7	2,590	15.2
Texas	80,050	54,315	67.9	12,520	15.6	12,220	15.3
Utah	5,660	4,146	73.3	630	11.1	890	15.7
Vermont	970	521	53.7	310	32.0	140	14.4
Virginia	16,920	9,630	56.9	4,880	28.8	2,410	14.2
Washington	15,630	8,127	52.0	5,340	34.2	2,160	13.8
West Virginia	4,050	2,839	70.1	590	14.6	630	15.6
Wisconsin	10,980	6,977	63.5	2,370	21.6	1,630	14.8
Wyoming**	1,550	840	54.2	490	31.6	220	14.2

* Rounded to the nearest 10.

**Abortion estimates are based on the number of abortions among all women in the state and the average proportion of abortions obtained by women of the same age in Wyoming in 1982, 1996 and 1999.

***Abortion estimates are based on the number of abortions among all women in the state and the proportion of abortions obtained by women of the same age in neighboring or similar states.

Source: Alliya Anderson; Calculations from *U.S. Teenage Pregnancy Statistics*, http://www.guttmacher.org/pubs/state_pregnancy_trends.pdf

**Table 5. Resident Live Births, by Age of Mother;
Oklahoma 1971**

Age Group	Births	Percent of Live Births
15-20	10,000	21.79
20-25	19,000	41.39
25-30	10,500	22.88
30-35	4,000	8.71
35-40	2,000	4.36
40-45	400	0.87
Total	45,900	100

Source: Lindsay Knox calculations from Leroy R. Carpenter, *Teen-age Pregnancies State of Oklahoma Statistical Report*. Oklahoma City, Oklahoma: Oklahoma State Department of Health, 1973.

Table 6. Number of Teen Births by Age: Oklahoma and US, 2001

Age Group	Oklahoma	Percent	United States	Percent
Under 15	105	1.4	7,781	1.7
15-17	2,325	30.7	145,324	32.0
18-19	5,151	67.9	300,620	66.3
Total	7,581	100.0	453,725	100.0

Source: Lindsay Knox's calculations from The National Campaign to Prevent Teen Pregnancy. Teen Pregnancy Prevention 2002.
<<http://www.teenpregnancy.org>>.

**Table 7. Pregnancy Rates Per 1,000 Teens Aged 15-19,
by State of Residence: 1985-2000**

State	1985		1988		1992		1996		2000	
	Number	Rank*	Number	Rank*	Number	Rank*	Number	Rank*	Number	Rank*
U.S. Total	110		111		112		97		84	
Alabama	112	34	110	31	117	37	106	38	90	42
Alaska	144	49	111	33	109	30	75	16	73	30
Arizona	128	46	127	45	133	47	118	48	104	45
Arkansas	111	33	115	38	116	36	108	41	93	39
California	151	50	154	50	159	50	125	49	96	50
Colorado	112	34	102	23	111	33	90	28	82	36
Connecticut	96	22	107	28	96	20	86	21	70	24
D.C.	211	51	209	51	277	51	256	51	128	51
Delaware	101	25	117	40	121	40	95	31	93	37
Florida	126	45	133	47	127	44	115	47	97	47
Georgia	132	48	122	42	127	44	109	44	95	42
Hawaii	125	43	134	48	138	48	101	36	93	49
Idaho	78	8	73	6	77	11	70	12	62	11
Illinois	103	27	112	35	112	34	106	38	87	33
Indiana	87	13	89	18	95	19	88	26	73	22
Iowa	67	3	69	2	67	5	58	5	55	8
Kansas	84	11	88	17	90	17	79	17	69	11
Kentucky	92	18	96	19	99	23	89	27	76	15
Louisiana	109	32	107	28	109	30	97	32	87	39
Maine	92	18	82	12	70	6	57	3	52	7
Maryland	121	42	129	46	118	38	106	38	91	31
Massachusetts	86	12	97	21	87	16	79	17	60	20
Michigan	107	31	111	33	108	29	87	23	75	29
Minnesota	62	2	69	2	64	3	56	2	50	3
Mississippi	113	36	106	26	122	42	108	41	103	39
Missouri	95	20	99	22	100	25	86	21	74	24
Montana	82	9	74	7	81	12	65	11	60	11
Nebraska	75	6	75	9	71	7	62	10	59	6
Nevada	125	43	142	49	145	49	140	50	113	44
New Hampshire	89	16	87	15	62	2	57	3	47	4
New Jersey	113	36	112	35	97	22	97	32	90	22

**Table 7. Pregnancy Rates Per 1,000 Teens Aged 15-19,
by State of Residence: 1985-2000 (cont'd)**

State	1985		1988		1992		1996		2000	
	Number	Rank*	Number	Rank*	Number	Rank*	Number	Rank*	Number	Rank*
New Mexico	116	40	124	44	129	46	110	45	103	46
New York	117	41	116	39	120	39	108	41	91	35
North Carolina	114	39	122	42	121	40	105	37	95	37
North Dakota	60	1	57	1	59	1	50	1	42	1
Ohio	96	22	96	19	93	18	81	19	74	17
Oklahoma	113	36	105	24	100	25	90	28	86	20
Oregon	95	20	105	24	99	23	90	28	79	19
Pennsylvania	87	13	87	15	84	14	70	12	60	15
Rhode Island	89	16	86	14	96	20	87	23	67	18
South Carolina	102	26	114	37	110	32	98	34	89	31
South Dakota	70	4	69	2	74	10	59	6	54	10
Tennessee	104	29	110	31	112	34	100	35	89	33
Texas	131	47	117	40	123	43	113	46	101	47
Utah	75	6	69	2	65	4	60	7	53	5
Vermont	82	10	81	11	71	7	60	7	44	2
Virginia	106	30	106	26	101	27	87	23	72	26
Washington	103	27	109	30	107	28	85	20	75	28
West Virginia	87	13	78	10	85	15	73	14	67	27
Wisconsin	73	5	74	7	73	9	61	9	55	8
Wyoming	98	24	82	12	81	12	74	15	77	14

*51 = highest teen pregnancy rank

Source: R. Darcy calculations from The Alan Guttmacher Institute. (2004). *U.S. teenage pregnancy statistics: Overall trends by race and ethnicity and state-by-state information*. Retrieved February 19, 2004, from www.guttmacher.org/pubs/state_pregnancy_trends.pdf.



DID YOU KNOW?

In 2000 only Louisiana, Arkansas, New Mexico and Mississippi had a greater percent of births to teenage females? (Fertility Table 3 pages 340-341)

Table 8. Infant Mortality 2000 - 2001: Deaths per 1,000 Live Births

State	Deaths per 1,000 live births	Rank*	State	Deaths per 1,000 live births	Rank*
United States	6.9				
Alabama	9.4	47	Montana	6.4	17
Alaska	7.5	34	Nebraska	7.0	26
Arizona	6.8	23	Nevada	6.1	13
Arkansas	8.4	41	New Hampshire	4.8	1
California	5.4	4	New Jersey	6.4	17
Colorado	6.0	11	New Mexico	6.5	19
Connecticut	6.3	15	New York	6.1	13
Delaware	10.0	49	North Carolina	8.6	44
Florida	7.1	27	North Dakota	8.4	41
Georgia	8.5	43	Ohio	7.6	35
Hawaii	7.2	29	Oklahoma**	7.9	38
Idaho	6.9	25	Oregon	5.5	5
Illinois	8.1	39	Pennsylvania	7.2	29
Indiana	7.7	36	Rhode Island	6.5	19
Iowa	6.0	11	South Carolina	8.8	45
Kansas	7.1	27	South Dakota	6.5	19
Kentucky	6.6	22	Tennessee	8.9	46
Louisiana	9.4	47	Texas	5.8	9
Maine	5.5	5	Utah	5.0	3
Maryland	7.8	37	Vermont	5.8	9
Massachusetts	4.8	1	Virginia	7.2	29
Michigan	8.1	39	Washington	5.5	5
Minnesota	5.5	5	West Virginia	7.4	33
Mississippi	10.6	49	Wisconsin	6.8	23
Missouri	7.3	32	Wyoming	6.3	15

*50 = highest infant mortality.

**In Oklahoma, there has been a rise in the premature death rate since 1990 whereas nationally it has declined.

Source: Kelsey King calculations from <http://www.unitedhealthfoundation.org/shr2003/components/infantmortality.html>; 2000-2001 data, National Center for Health Statistics, Centers for Disease Control and Prevention; <http://www.unitedhealthfoundation.org/shr2003/Changes1990.html>

Table 9. Oklahoma and National Teen Pregnancy 2002

	Numbers		Rates per 1,000 teen girls	
	Oklahoma	U.S.	Oklahoma	U.S.
Births to girls 15-19				
Non-Hispanic Whites	4,442	179,511	50	29
Non-Hispanic Blacks	923	101,494	72	68
Hispanics	921	127,900	110	83
Native American	1,056	7,707	69	54
Asian	42	8,003	18	18
Total	7,384	424,615	58	43
Girls under 15 (2001)	26	7,315	1	1
Girls 15-17	2,235	138,731	30	23
Girls 18-19	5,123	286,762	98	73
Total	7,384	432,808	58	43
Change in teen birthrate 1991-2002 (percent)	-20	-30		

Source: Teen-pregnancy.org

<http://www.teenpregnancy.org/america/statestatisticsDisplay.asp?ID=4&sID=28&stateID=38>



DID YOU KNOW?

Nationally 28.7% of pregnancies result in abortion while in Oklahoma the rate is half that, 14.6%? (Fertility Table 4 pages 342-344)

In 1971 41% of births were to mothers age 20 – 25? (Fertility Table 5 page 345)

In 2001 105 children were born to Oklahoma girls under age 15? (Fertility Table 6 page 345)

In 2000 42 of every 1,000 teen age North Dakota teen girls got pregnant. Oklahoma's rate was twice that at 86 and in D.C. the rate is 128? (Fertility Table 7 pages 346-347)

In 2000 7.9 live births per 1,000 in Oklahoma resulted in the infant dying while nationally the rate was 6.9? (Fertility Table 8 page 348)

Table 10. Percent of Pregnant Women Who Have Their First Prenatal Visit in the First Trimester with Regular Follow-Up Visits by State: 2001

State	Percent	Rank*	State	Percent	Rank*
United States	76.0				
Alabama	76.9	23	Montana	73.2	33
Alaska	69.2	42	Nebraska	74.4	30
Arizona	69.1	43	Nevada	68.2	45
Arkansas	71.6	40	New Hampshire	87.1	2
California	79.9	15	New Jersey	68.5	44
Colorado	68.2	45	New Mexico	56.8	50
Connecticut	85.3	3	New York	67.3	48
Delaware	81.6	10	North Carolina	80.2	1
Florida	78.8	19	North Dakota	72.6	37
Georgia	79.4	18	Ohio	82.3	9
Hawaii	75.5	26	Oklahoma	68.1	47
Idaho	72.8	36	Oregon	75.5	26
Illinois	77.3	22	Pennsylvania	73.6	31
Indiana	73.6	31	Rhode Island	87.7	1
Iowa	83.9	5	South Carolina	73.2	33
Kansas	81.1	11	South Dakota	71.7	39
Kentucky	81.0	12	Tennessee	76.4	25
Louisiana	78.4	20	Texas	71.8	38
Maine	83.5	7	Utah	58.4	49
Maryland	74.5	29	Vermont	83.8	6
Massachusetts	85.2	4	Virginia	81.0	12
Michigan	79.7	17	Washington	72.9	35
Minnesota	75.1	28	West Virginia	79.9	15
Mississippi	76.5	24	Wisconsin	77.6	21
Missouri	82.6	8	Wyoming	70.1	41

*50 = lowest percent of pregnant women having prenatal visits.

Source: Kelsey King and R. Darcy calculations from 2001 data, National Center for Health Statistics, Centers for Disease Control and Prevention; <http://www.unitedhealthfoundation.org/shr2003/components/prenatalcare.html>