



# Teen Pregnancy Prevention



*Facts about Oklahoma*  
2008

# Adolescent Health



Oklahoma State  
Department of Health

Maternal and Child Health Service  
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# National Teen Pregnancy Statistics

- Three out of 10 girls become pregnant at least once before the age of 20.  
*(National Campaign to Prevent Teen Pregnancy, 2006)*
- Nearly eight in ten pregnancies among teens are not planned or intended.  
*(Henshaw, S.K., Special report: U.S. teenage pregnancy statistics with comparative statistics for women aged 20-24, 1999)*
- Almost half of men who impregnate a minor (under age 18) are three or more years older.  
*(Family Planning Perspectives, 31(4), 160-167, 1999)*
- Nationally, each hour nearly 100 teen girls become pregnant and 55 give birth.  
*(National Vital Statistics Reports, 49(10), 2001)*
- The total number of births to females under age 20 in the U.S. during 2005 was 421,315.
- The teen birth rate (ages 15-19) dropped by 34% from 1991 to 2005.  
*(National Vital Statistics Report, 56(6), 2007)*





# Oklahoma Teen Birth Statistics

In 2005, Oklahoma was ranked:

- 7<sup>th</sup> in the nation for birth rate of females ages 15-17.
- 8<sup>th</sup> in the nation for birth rate of females ages 15-19.

*(National Vital Statistics Report, 56 (6), 2007 & Oklahoma Vital Statistics)*

Oklahoma's teen birth rates are decreasing.

- However, there has been a slight increase in 2006.
  - In 2005, the birth rate for adolescents aged 15-19 in Oklahoma was 55.4 per 1,000 female population.
  - In 2006, the birth rate for this same age group was 59.5 per 1,000 female population; a **7.4% increase**.
- Oklahoma is not keeping pace with the rest of the nation in the reduction of teen births.

*(Oklahoma Vital Statistics)*





# Methods of Comparing Teen Births

Teen births are commonly compared by three different methods, each giving different information.

**Actual Births** counts the number of babies born to resident females of a specified age group.

- Oklahoma in 2006:
  - *Total number of births* to all females: 54,010
  - *Total number of births* to females 19 & younger: 7,320
    - Age 17 and younger: 2,376 or 4.4% of all births.
    - Ages 18 to 19: 4,944 or 9.2% of all births.

**Percentage of Teen Births** compares the proportion of teen births to all births.

- In 2005, 12.9% of all Oklahoma births were to females aged 15-19.
- In 2005, 10.0% of all U.S. births were to females aged 15-19.

**Teen Birth Rate** compares the number of teen births per 1,000 females of the same age group.

- In 2005, Oklahoma's birth rate for females aged 15-19 per 1,000 was 55.4.
- In 2005, the U.S. birth rate for females aged 15-19 per 1,000 was 40.5.

*(National Vital Statistics Report, 56 (6), 2007 & Oklahoma Vital Statistics)*





# Key Points in Reviewing This Data

Oklahoma data are based on Oklahoma Vital Statistics which counts **births**, not **pregnancies**.\*

When evaluating the data, consider a county's teen birth rate **and** the actual number of births on the county maps to assess a county's profile regarding teen births.

*Example: At present, McCurtain county has the highest three year (2004-2006) average teen birth rate at 90.2 per 1,000 females ages 15-19, which relates to 115 actual live births in 2006.*

*Compare this to Tulsa county with a lower three year (2004-2006) average birth rate of 60.5 per 1,000 females ages 15-19, but with a higher number of actual teen births at 1,151 births to women ages 15-19 for 2006.*

*(Oklahoma Vital Statistics)*

\*The most current data on file: year 2006 for Oklahoma and year 2005 for the United States.





# Births Among Females Ages 19 and Younger

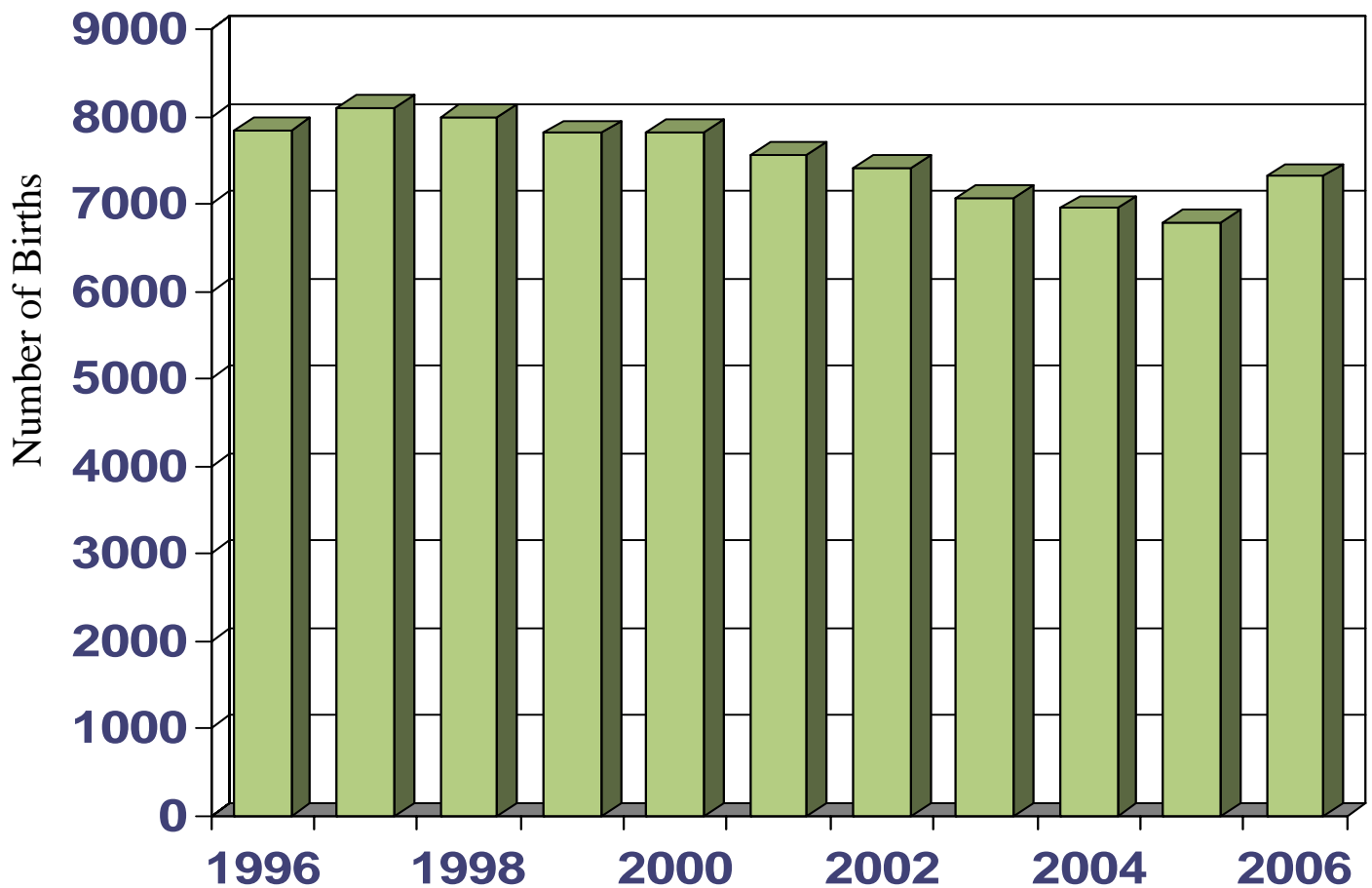
- In 2006, Oklahoma females aged 19 and younger gave birth to 7,320 babies.
- This equals 20 new babies being born to Oklahoma teenagers every single day.
- Ninety-six females, 14 years of age and younger, gave birth in Oklahoma during 2006.  
*(Oklahoma Vital Statistics)*
- Over **two-thirds** of teen births were to 18-19 year olds in 2006.  
*(Oklahoma Vital Statistics)*
- Almost 60% of adolescent mothers were not using birth control at the time of conception.
  - Adolescents reported, “*Thought I could not become pregnant*” as the most common reason for not using contraceptives.

*(Oklahoma PRAMSGram, 2005)*





# Number of Actual Births to Mothers Ages 19 & Younger in Oklahoma, 1996-2006



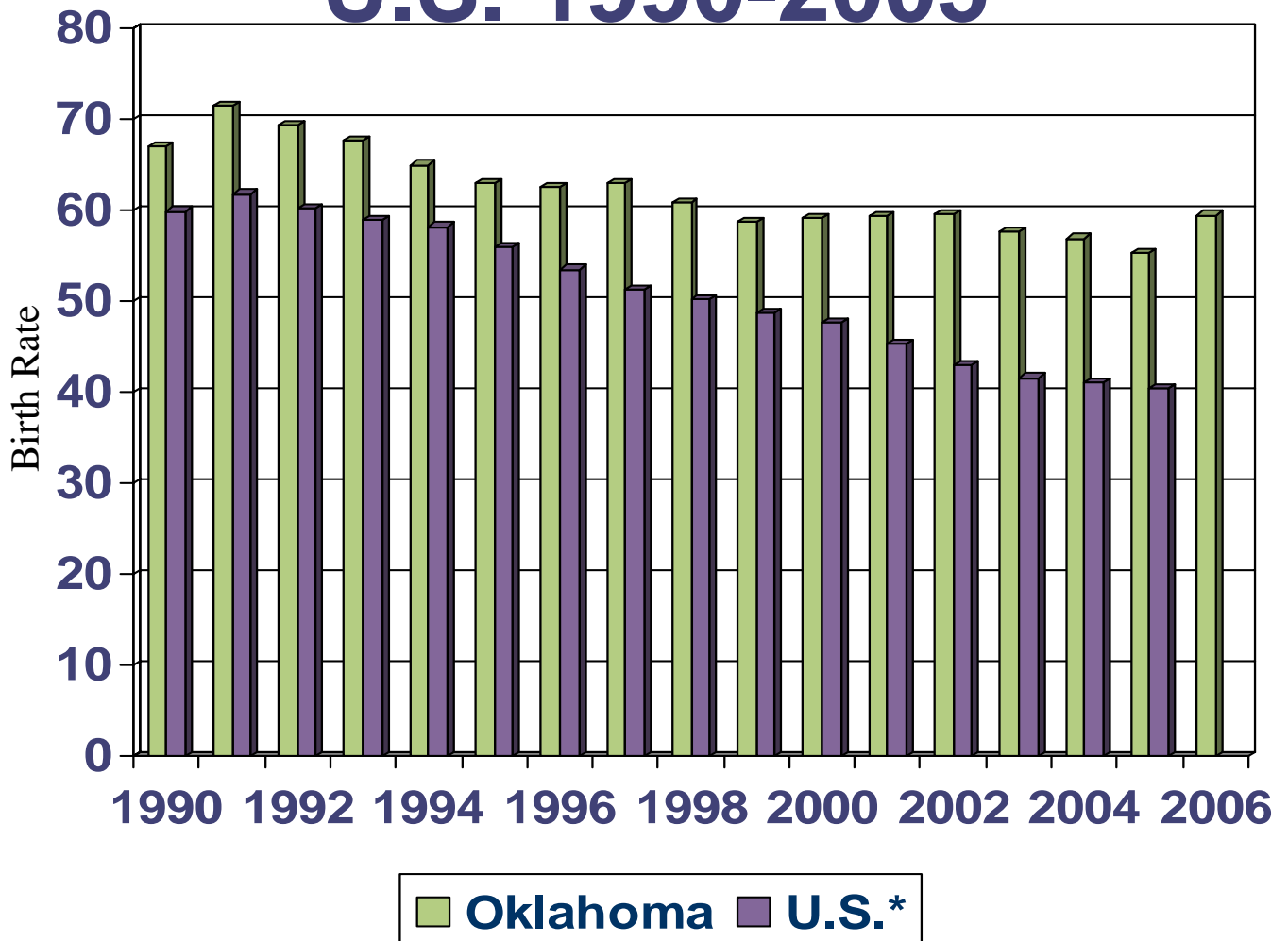
- Of these 7,320 babies born in 2006:
  - 2,376 babies (32.5%) were born to school aged mothers 17 years of age and younger.
  - 4,944 babies (67.5%) were born to adolescents ages 18 to 19.

*(Oklahoma Vital Statistics)*





# Birth Rate per 1,000 Females Ages 15-19 Oklahoma vs. U.S. 1990-2005



- Oklahoma teen birth rate for females ages 15-17 increased by 11.3% from 2005 to 2006.
- Oklahoma teen birth rate for females ages 18-19 increased by 6.7% from 2005 to 2006.

*(Oklahoma Vital Statistics)*

*\*National data not available for U.S. 2006.*





# Oklahoma Teen Birth Rate Trends

Oklahoma's teen birth rate  
(births to females ages 15-19)  
across the years compared to national rate:

<u>Year</u>	<u>OK Rate</u>	<u>U.S. Rate</u>
1990	67.1	59.9
1991	71.5	61.8
1992	69.3	60.3
1993	67.7	59.0
1994	65.0	58.2
1995	63.0	56.0
1996	62.5	53.5
1997	63.0	51.3
1998	60.8	50.3
1999	58.8	48.8
2000	59.2	47.7
2001	59.4	45.3
2002	59.6	43.0
2003	57.6	41.6
2004	56.9	41.1
2005	55.4	40.5
2006	59.5	*

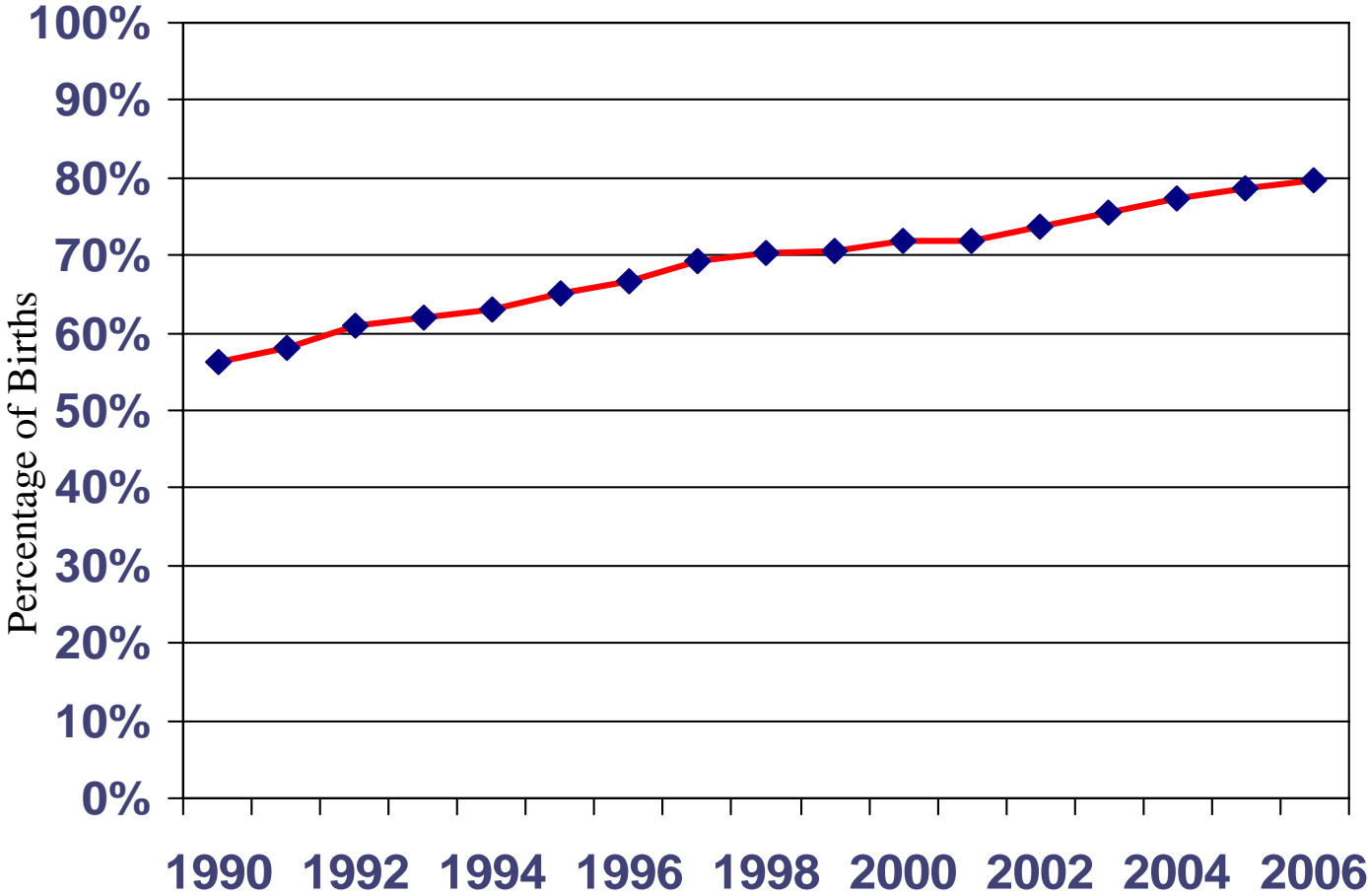
*\*Data not final*

*(National Vital Statistics Report, 56 (6), 2007 & Oklahoma Vital Statistics)*





# Percent of Births to Unmarried Teens Age 19 & Younger In Oklahoma, 1990-2006



- In 2006, 79.7% of births were to unmarried females ages 19 and younger. Increased dramatically, more than doubling from 29.2% in 1976.
- Nationally, 83.3% of teen births in 2005 were to unmarried women (ages 15-19).

*(Oklahoma Vital Statistics)*





# Oklahoma Youth Risk Behavior Survey

- Randomized health survey of high school students in Oklahoma (2007)
  - 52.5% of males and 49.3% of females have had sexual intercourse.
  - 5.8% of students had sexual intercourse before 13 years of age.
  - Of those who have had sex, 16.6% had done so with 4 or more people.
  - Among those who had sex in the past three months, 59.6% of students reported using a condom as a method of protection.

*(Centers for Disease Control)*

- National Healthy People 2010 Critical Health Objects for Adolescents and Young Adults targets an increase in the proportion of adolescents who abstain from sexual intercourse or use condoms if currently sexually active for grades 9-12 to 95%.





# Sexual Abuse & Early Onset of Sexual Activity

- As many as **two-thirds** of young women who become **pregnant as adolescents** were **sexually and/or physically abused** at some point in their lives.
- A **substantial number** (no fewer than one-fourth and as many as 50-80%) of **adolescent mothers** are in **violent, abusive or coercive relationships** just before, during and after their pregnancy.
- **Involuntary sexual activity** has been found for **74% of sexually active girls younger than 14** and **60% of those younger than 15**.

*(Center for Assessment and Policy Development, National Organization on Adolescent Pregnancy, Parenting and Prevention, October 2001)*





# Consequences of Early Childbearing

## National Issues

- Young adolescents (particularly those under age 15) experience a maternal death rate 2.5 times greater than that of mothers aged 20-24.

*(National Campaign to Prevent Teen Pregnancy, 2002)*

- Teen childbearing in the United States cost taxpayers (federal, state, and local) at least \$9.1 billion in 2004. Put another way, the average annual cost associated with a child born to a teen mother in Oklahoma is \$1,424.

*(National Campaign to Prevent Teen Pregnancy, 2006)*

## Repeat Births to Oklahoma Teens

- Year 2006 data shows that 21.3% of births to teens ages 19 and younger are repeat births.
- Of the repeat births to adolescent females:
  - 1,325 were giving birth to their second child.
  - 236 were giving birth to at least their third child.

*(Oklahoma Vital Statistics)*





# Consequences of Early Childbearing

## Educational Implications

- Teenage parenthood is a leading cause of school failure.

- Less than one third of teens who begin families before age 18 ever complete high school.

*(National Campaign to Prevent Teen Pregnancy, 2001)*

- In the past 25 years, the median income for college graduates has increased 13%, while the median income for high school dropouts has decreased 30%. *(U.S. Census Bureau, 2000)*

- The United States leads the industrialized world in teen pregnancy and birth rates by:

- Nearly double that of Great Britain.
- At least four times those of France and Germany.
- More than 10 times that of Japan.

*(Family Planning Perspectives, 32(1), 14-23, 2000)*





# Children of Adolescent Females

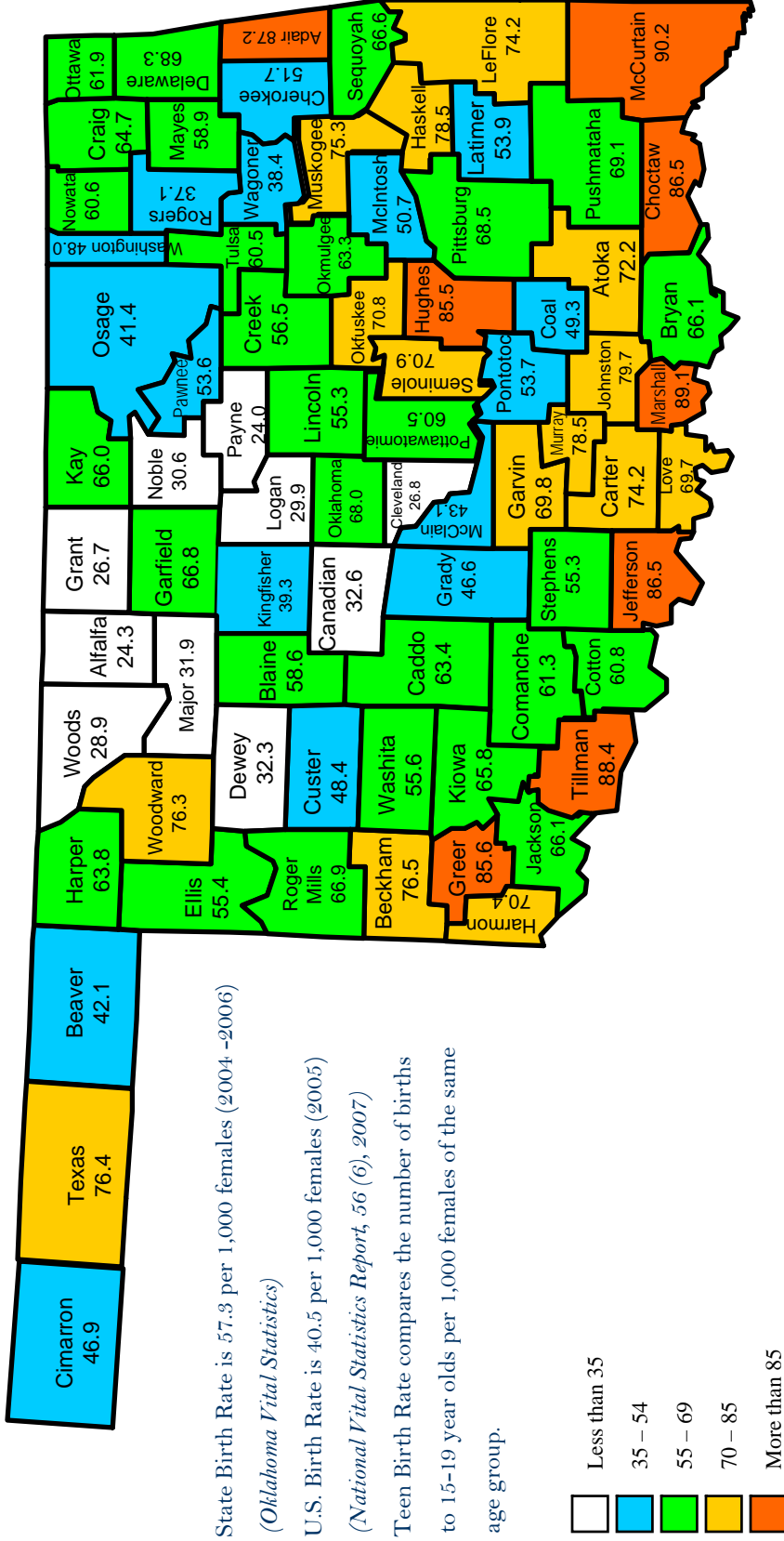
- Children of adolescent females are **more likely to be born prematurely** and **50% more likely to be low-birthweight babies**.
  - **Inadequate prenatal and medical care** – not biological immaturity – is the reason for the below average health of children born to most adolescent females.
- **Daughters of adolescent females are 83% more likely themselves to become mothers** before the age of 18.
- **Sons of adolescent females are 2.7 times more likely to be incarcerated** sometime during their lifetime.
- Children of adolescent females are **two to three times more likely to run away from home**.
- Children of adolescent females are **more than twice as likely to be the victims of abuse and neglect**.

*(Kids Having Kids, the Robin Hood Foundation, 1996)*

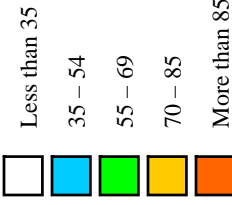


# Oklahoma Teen Birth Rates By County

Birth rates of females ages 15-19 per 1,000 population. (2004 - 2006 average)



- State Birth Rate is 57.3 per 1,000 females (2004 - 2006) (*Oklahoma Vital Statistics*)
- U.S. Birth Rate is 40.5 per 1,000 females (2005) (*National Vital Statistics Report, 56 (6), 2007*)
- Teen Birth Rate compares the number of births to 15-19 year olds per 1,000 females of the same age group.



64 of Oklahoma's 77 counties have teen birth rates higher than the national average of 40.5 per 1,000 girls (ages 15-19).

(Oklahoma Vital Statistics)

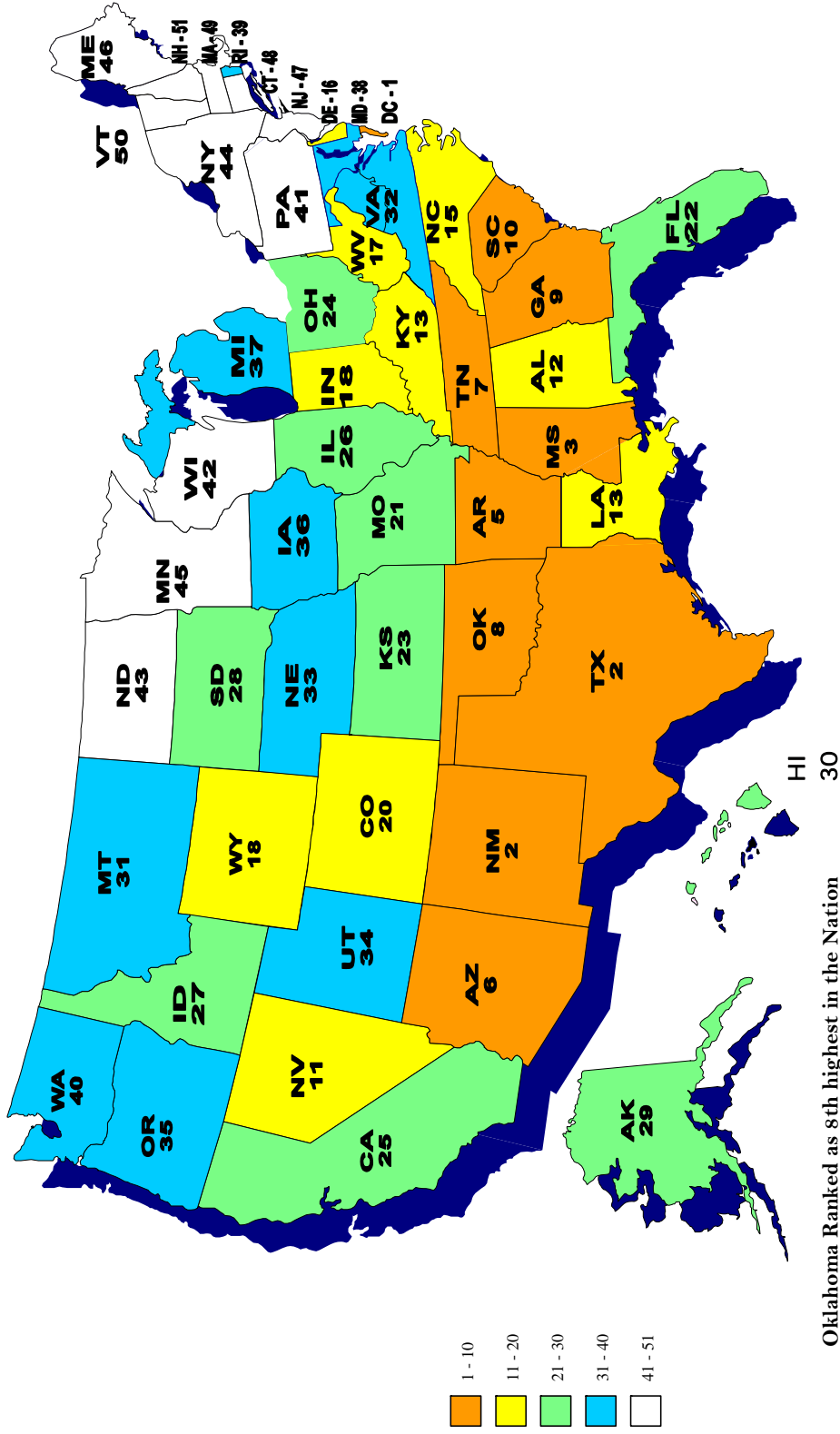




# 2005 Birth Rate Ranking for Teens (Ages 15-19)

Birth rate based on number of births per 1,000 females of that population.

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Oklahoma Ranked as 8th highest in the Nation

2005 Oklahoma teen birth rate is 54.2 (15-19 year olds)

2005 U.S. teen birth rate is 40.5 (15-19 year olds)

Ranking in all 50 states plus Washington, DC

#1 indicates the highest teen birth rate

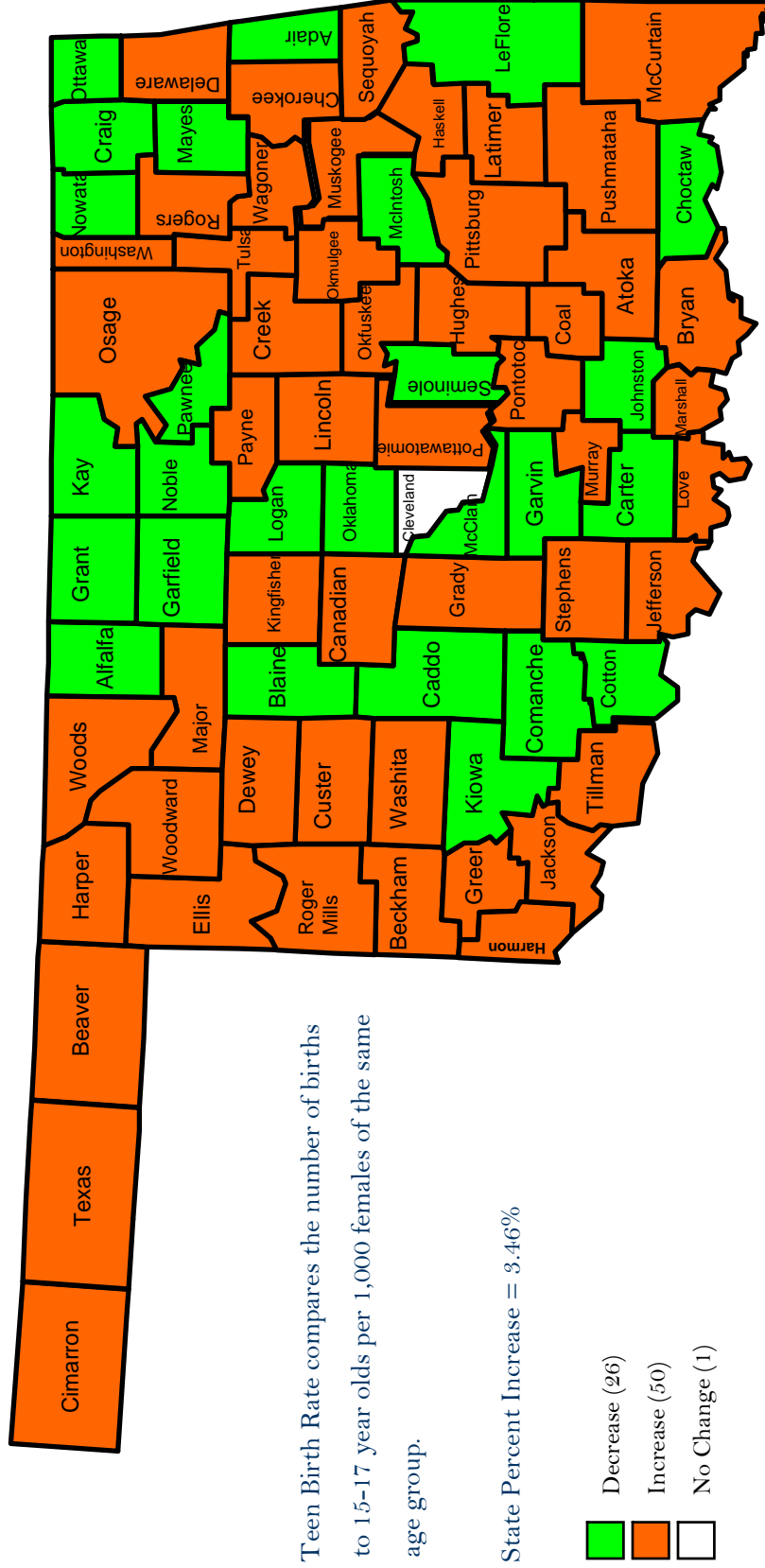
#51 indicates the lowest teen birth rate

Based on 2005 data and population estimates by the National Center for Health Statistics and the National Vital Statistics System



# Oklahoma Teen Birth Rate Comparison By County

Percent change in the birth rate of females ages 15-17 per 1,000 population:  
2004 - 2006 average compared to 2003 - 2005 average\*.



• Teen Birth Rate compares the number of births to 15-17 year olds per 1,000 females of the same age group.

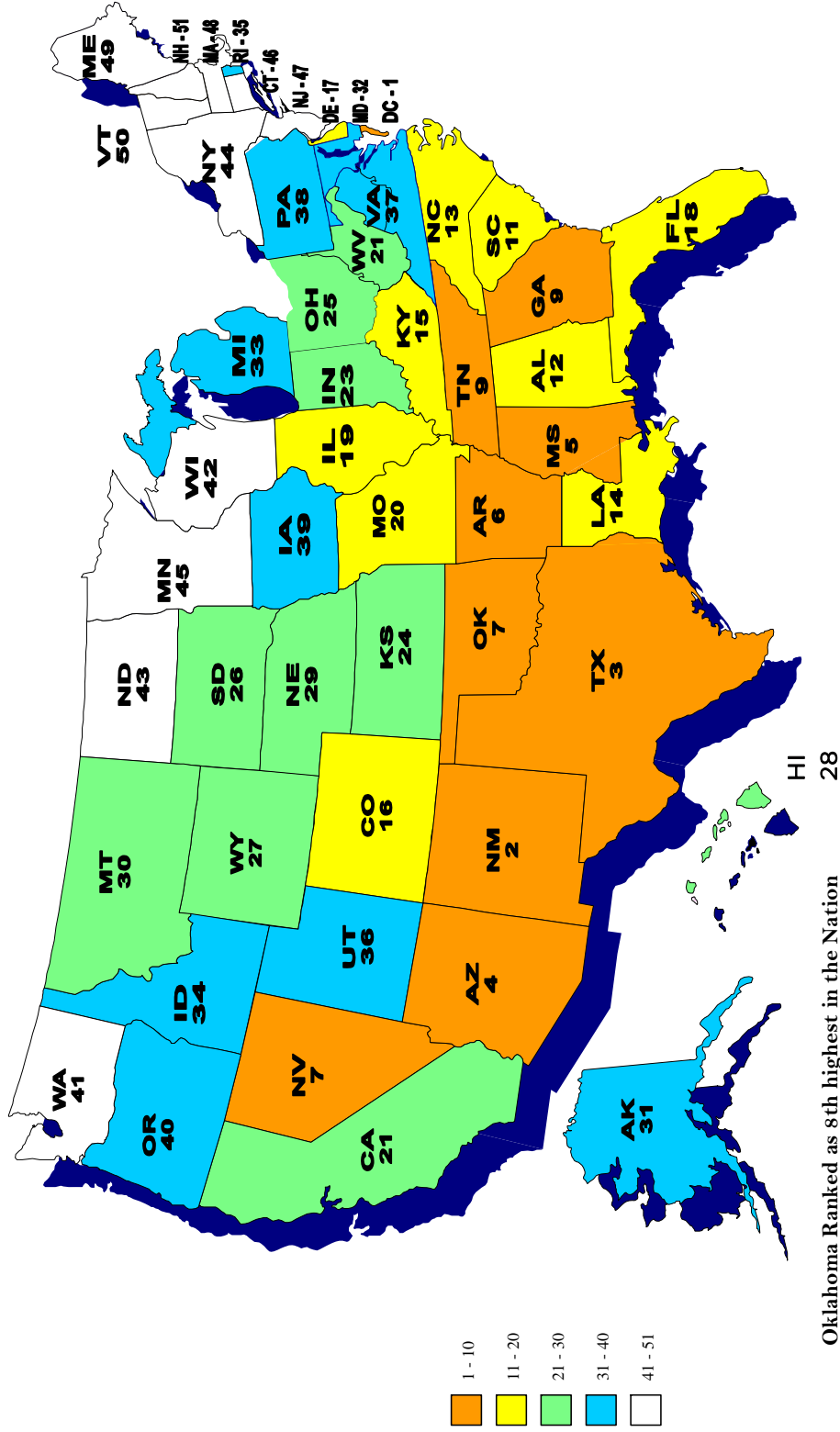
• State Percent Increase = 3.46%

\*Note: Percent change can be significantly affected by county population. Refer to actual number of births on the following map for a frame of reference.



# 2005 Birth Rate Ranking for Teens (Ages 15-17)

Birth rate based on number of births per 1,000 females of that population.



**Oklahoma Ranked as 8th highest in the Nation**  
 2005 Oklahoma teen birth rate is 27.8 (15-17 year olds)  
 2005 U.S. teen birth rate is 21.4 (15-17 year olds)

Ranking in all 50 states plus Washington, DC  
 #1 indicates the highest teen birth rate  
 #51 indicates the lowest teen birth rate

Based on 2005 data and population estimates by the  
 National Center for Health Statistics and the National Vital  
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