



Adolescent and Teenage  
Pregnancy Report  
Kansas, 2017

Research  
Summary

Kansas Department of Health and Environment  
Division of Public Health  
Bureau of Epidemiology and Public Health Informatics  
Curtis State Office Building – 1000 SW Jackson, Topeka, KS, 66612-1354  
<http://www.kdheks.gov/bephi/>  
December 2018

This Research Summary Was Prepared By:

Kansas Department of Health and Environment  
Jeff Andersen, Secretary

Bureau of Epidemiology and Public Health Informatics  
Elizabeth W. Saadi, PhD, Bureau Director and State Registrar

Prepared by: Cathryn Savage, PhD  
David Oakley, MA  
Greg Crawford, BA

Data for this report were collected by:

Office of Vital Statistics  
Kay Haug, Director

Our Vision – Healthy Kansans Living in Safe and Sustainable Environments

Our Mission – To protect and improve the health and environment of all Kansans

# Table of Contents

	Page Number
Executive Summary .....	5
Introduction .....	5
Methods .....	6
Results & Discussion .....	8
Conclusions .....	13
Limitations .....	13
References .....	13
Detailed Tables and Figures .....	15
<b>Tables</b>	
1. Pregnancy Numbers and Rates by County of Residence and Peer Group, by Component and Age-Group, Females Aged 10-19 Years, Kansas, 2017 .....	16
2. Pregnancy Numbers and Rates by Year by Age-Group, Females Aged 10-19 Years, Kansas, 1998-2017 .....	18
3. Pregnancy Numbers and Rates and Birth Rates by Year by Selected Population Groups, Females Aged 10-17 Years, Kansas, 1998-2017 .....	19
4. Pregnancy Rates by County of Residence by Year, Females Aged 10-14 and 15-19 Years, Kansas, 2013-2017 .....	20
5. Pregnancy Rates by County of Residence by Year, Females Aged 10-19 Years, Kansas, 2013-2017 .....	22
6. Pregnancy Numbers and Rates and Birth Rates by Year by Selected Population Groups, Females Aged 15-17 Years, Kansas, 1998-2017 .....	24
7. Pregnancy Numbers and Rates and Birth Rates by Year by Selected Population Groups, Females Aged 18-19 Years, Kansas, 1998-2017 .....	25
8. Pregnancy Numbers and Rates and Birth Rates by County of Residence and Peer Group, by Component, Females Aged 10-17 Years, Kansas, 2017 .....	26
9. Pregnancies by County of Residence by Year, Females Aged 10-17 Years, Kansas, 2013-2017 .....	28
10. Pregnancy Rates by County of Residence by Year, Females Aged 10-17 Years, Kansas, 2013-2017 .....	30
11. Pregnancy Numbers and Rates and Birth Rates by County of Residence and Peer Group, by Component, Females Aged 15-17 Years, Kansas, 2017 .....	32
12. Pregnancies by County of Residence by Year, Females Aged 15-17 Years, Kansas, 2013-2017 .....	34
13. Pregnancy Rates by County of Residence by Year, Females Aged 15-17 Years, Kansas, 2013-2017 .....	36
14. Pregnancy Numbers and Rates and Birth Rates by County of Residence and Peer Group, by Component, Females Aged 18-19 Years, Kansas, 2017 .....	38
15. Pregnancies by County of Residence by Year, Females Aged 18-19 Years, Kansas, 2013-2017 .....	40
16. Pregnancy Rates by County of Residence by Year, Females Aged 18-19 Years, Kansas, 2013-2017 .....	42

**Figures**

1. Pregnancy Rates for Selected Female Age-Groups, Kansas, 1998-2017 .....44

2. Three Year Rolling Average Pregnancy Rates for Selected Population Groups, Females  
Aged 15-17 Years, Kansas, 2001-2017 ..... 45

3. Three Year Rolling Average Pregnancy Rates for Selected Population Groups, Females  
Aged 18-19 Years, Kansas, 2001-2017 ..... 46

4. County Pregnancy Rates Relative to State Pregnancy Rate among Females Aged  
15-19 Years, Kansas, 2013-2017 .....47

**Technical Notes**.....48

Sample Certificates ..... 52

# Executive Summary

Maintaining and improving family health is an essential component of the state's public health mission. Teen pregnancy accounts for a sizable burden on society. According to the Centers for Disease Control and Prevention (CDC), it is a "winnable battle." The Kansas Department of Health and Environment (KDHE) prepares this report annually to provide data to support assessment and evaluation of teen pregnancies in Kansas. KDHE has a number of programs directed at reducing teen pregnancy.

Pregnancy rates among Kansas resident females aged 10-19 dropped by 1.6 percent from 2016 to 2017. Rates among females 10-17 and 15-17 as individual age groups also dropped in 2017. However, pregnancy rates among females aged 18-19 years increased 3.2 percent.

The 2017 Kansas pregnancy rate among females 15-17 years of age (9.5 per 1,000 female age-group population) compares favorably with the Healthy People 2020 (HP 2020) national target of 36.2 pregnancies per 1,000 female age-group population. The state pregnancy rate for females aged 18-19 (48.9 per 1,000 age-group population) also compares favorably with the HP2020 national target of 105.9 pregnancies per 1,000 female age-group population.

While Kansas had lower teen pregnancy rates than the national targets, the state's birth rates for females aged 15-19 were lower than the national rates from 1996 to 2006. Since 2008, teen birth rates in Kansas have remained higher than the U.S. rate; however, both Kansas and the U.S. teen birth rates have been declining since then. In 2017, the Kansas rate was unchanged from 2016, while the preliminary U.S. rate for 2017 is not yet available.

Some disparities in pregnancy rates continue to exist among population groups in Kansas. For example, pregnancy rates per 1,000 female age-group and population group examined in 2016 and 2017 showed Black non-Hispanic and Hispanic teens between the ages of 10-17 years continue to be higher than the rate for White non-Hispanics. However, the gap is narrowing among White non-Hispanics and Hispanics. For example, the pregnancy rate for White non-Hispanic female teens aged 10-17 years declined 13.8 percent while the Hispanic rate declined 23.3 percent from 2016 to 2017. Black non-Hispanic teen pregnancy rates in this age range also declined 6.0 percent from 2016 to 2017.

## Introduction

Maintaining and improving family health is an essential component of the public health mission of KDHE. Facilitating healthy pregnancies and positive birth outcomes pays dividends to Kansas society in the form of reduced maternal and infant mortality and fit children capable of learning and growing into productive adults.

It is in this role that the department, through the Division of Public Health's Bureau of Epidemiology and Public Health Informatics (BEPHI), provides this report so progress in reducing adolescent and teen pregnancy can be monitored. The report, first produced in 1995, informs policy makers, local health departments, program managers, and the public on teen pregnancy outcomes and trends over the past 20 years. Statistics

contained herein enable evaluation of progress on this public health issue and identification of emerging concerns.

Adolescent and teenage pregnancy accounts for more than \$9 billion per year in costs to U.S. taxpayers for increased health care and foster care, increased incarceration rates among children of teen parents and lower educational attainment and income among teen mothers [1]. Pregnancy and birth represent significant contributors to high school dropout rates among girls. About 50 percent of teen mothers receive a high school diploma by age 22 compared to 90 percent of women who did not give birth during adolescence [2]. The children of teenage mothers are more likely to have lower school achievement and to drop out of high school, have more health problems, be incarcerated at some time during adolescence, give birth as a teenager, and face unemployment as a young adult [3]. These effects remain for teenage mothers and their children even after adjusting for factors that can increase a teenager's risk of pregnancy, such as growing up in poverty, having parents with low levels of education, growing up in a single-parent family, and having low attachment to and performance in school [4].

The CDC has declared teen pregnancy as one of its ten winnable battles in public health [5]. The nation's Healthy People 2020 objective is to reduce pregnancies among adolescent females aged 15-17 to 36.2 pregnancies per 1,000 female age-group population and females aged 18-19 to 105.9 per 1,000 female age-group population [6].

KDHE is active in a number of areas to reduce teen and adolescent pregnancies, including the Teen Pregnancy Targeted Case Management (TPTCM) Program and the Kansas Abstinence Education Program. The TPTCM program provides comprehensive case management services to pregnant or parenting adolescents in Kansas communities. Program goals are to 1) reduce negative consequences of teenage pregnancy for Medicaid/KanCare-enrolled teens and their children, 2) increase levels of self-sufficiency and goal-directness of participants, and 3) delay subsequent childbearing until completion of basic education or vocational training goals or until age 21. The Kansas Abstinence Education Program addresses teen pregnancy prevention by training child welfare agencies to provide education and training for foster, kinship, and adoptive parents as well as at-risk youth, ages 10-19, in out of home placements [7]. The training utilizes abstinence-based, evidence-informed curricula regarding healthy relationships, decision-making and youth development. KDHE, through its Bureau of Family Health, has set a goal to "reduce teenage pregnancy and resulting health, educational, economic and social consequences for mother and child" [8].

## Methods

The BEPHI Office of Vital Statistics receives reports of live births, stillbirths, and abortions that occur in Kansas. Reporting of Kansas vital events to KDHE is mandated by law (K.S.A. 65-102, K.S.A. 65-2422b, K.S.A. 65-445). The filing of birth and death records began in 1911. Records of births to Kansas residents that occur in other states are received via Inter-Jurisdictional Exchange. All statistics reported are based on pregnancies among women who were Kansas residents at the time of birth or termination of pregnancy.

KDHE collects birth certificate information consistent with the 2003 U.S. Standard Certificates. Data collected since 2005 are based on the standard certificates as

modified for use in Kansas. BEPHI uses an 18-month reporting period when creating an analytical file. Thus, all births that occur in a given year, reported during that year or the first six months of the year following, are included in the analytical file. Data used in this report are for 2017. The analytical file is considered 99.99 percent complete.

All vital event records undergo quality improvement processes. The Office of Vital Statistics staff manually review certificate information submitted electronically or on paper forms for missing or illogical information. In addition, the Vital Statistics Data Analysis staff performs computerized checks of the data on an ongoing basis and once prior to closing the analytical file. Corrections or imputation occurs to geographic information, sex of the child, and mother's age. See the technical notes for the *Kansas Annual Summary of Vital Statistics, 2017* for more information [9].

Statistical tabulations were created using SAS statistical software 9.4. Some of the tables contained in this report are also included in the *Kansas Annual Summary of Vital Statistics, 2017*. This is done to enhance the utility of this report to readers. In this report, the reader will also see a number of different combinations of age groups, i.e., 10-14, 10-17, 15-17, 18-19, and 10-19, used in the tabulations. This is done to provide the diverse audience of legislators, policy makers, media, program administrators, and the public who closely monitor pregnancy issues with a data summary that meets their needs. Findings tested for statistical significance will be noted in the Results and Discussion sections. Probabilities (p values) less than 0.05 are reported as statistically significant.

For the purposes of this report "adolescent and teen" refers to persons who range in age from 10 to 19. Pregnancies are defined as stillbirths, abortions, and live births. Readers will be able to review both the frequency of adolescent and teen pregnancies and the population-based rates. Using the population-based rates, comparisons among counties or between county and state are possible. Multi-year rates are prepared for those instances where low counts may inordinately influence a single-year rate. All rates use as the denominator the female population estimates for the age group represented in the numerator. All statistics are based on residence data unless otherwise noted.

Items for which no response was provided are shown as "not stated" (n.s.) in tables and graphs throughout this publication. To ensure statistical accuracy, the "not stated" count is subtracted from the denominator when calculating rates and percentages.

Adolescent and teen pregnancies and births in most Kansas counties are relatively low-frequency events. In such instances, small numerical changes may have a large impact on annual rates. The use of multi-year rates attempts to mitigate the effect of small frequencies. This report uses significance testing to determine whether a county's multi-year teen pregnancy rate is statistically significantly different than the state's rate for the same time period.

The Adequacy of Prenatal Care Utilization (APNCU) Index (or Kotelchuck Index) attempts to characterize prenatal care (PNC) utilization based on two independent and distinct dimensions: adequacy of initiation of PNC and the number of prenatal care visits received once care has begun. However, the index does not assess the quality of prenatal care delivered. The APNCU, through the categories of inadequate,

intermediate, adequate, and adequate plus, characterize the adequacy of pregnancy-related health services provided to a woman between conception and delivery [10].

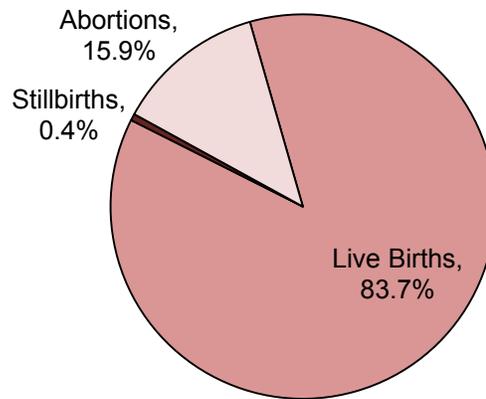
## Results and Discussion

Only selected findings are discussed in this section. Additional detailed tables and figures are provided to support evaluation by county or other characteristics.

Females aged 10-19 accounted for 6.2 percent (2,469) of the 40,098 pregnancies in 2017. Of those pregnancies, 83.7 percent (2,066), resulted in a live birth, 15.9 percent (392) in abortion, and the remainder in stillbirths (11) (Figure A, Table 1).

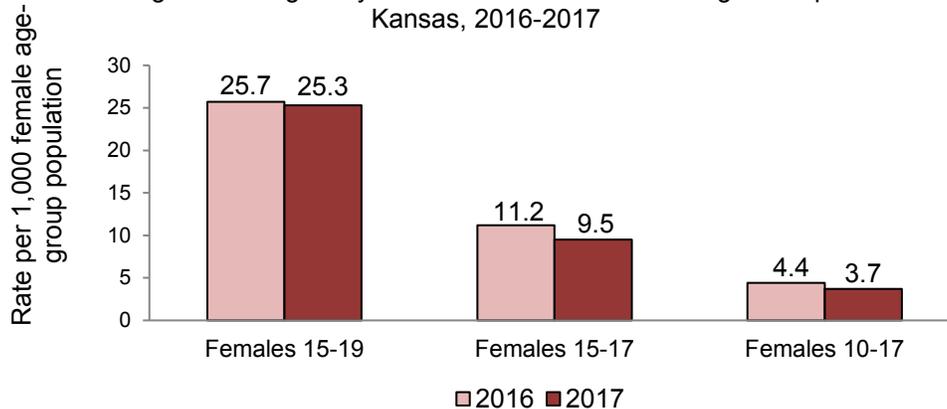
The pregnancy rate for females aged 10-19 was 12.7 per 1,000 female age-group population in 2017, down 1.6 percent from 2016 (12.9) (Table 1).

Figure A. Pregnancy Outcomes among Females Aged 10-19 Years  
Kansas, 2017 (n=2,469)



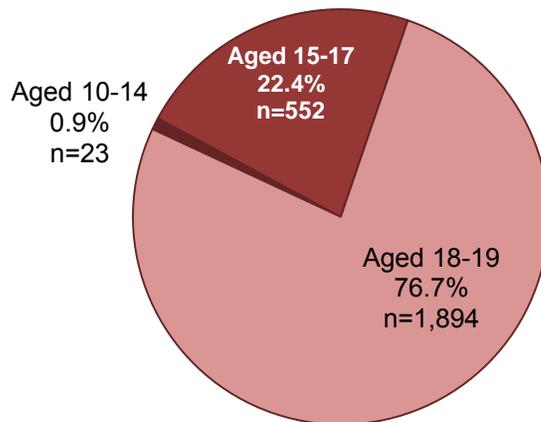
From 2016 to 2017 the pregnancy rate for females aged 10-17 went from 4.4 per 1,000 female age-group population to 3.7, a 15.9 percent decrease. The 2017 rate for females aged 15-19, 25.3 per 1,000, dropped 15.6 percent from the 2016 rate of 25.7 per 1,000. The rate for females aged 15-17 decreased 15.2 percent from 2016 to 2017 from 11.2 to 9.5 per 1,000 female age-group population. (Figure B, Table 2).

Figure B. Pregnancy Rates for Selected Female Age-Groups  
Kansas, 2016-2017



About three out of four (76.7%) pregnant adolescents and teens were 18-19 years of age, 22.4 percent were 15-17 years of age, and 0.9 percent were 10-14 years of age (Table 2, Figure C).

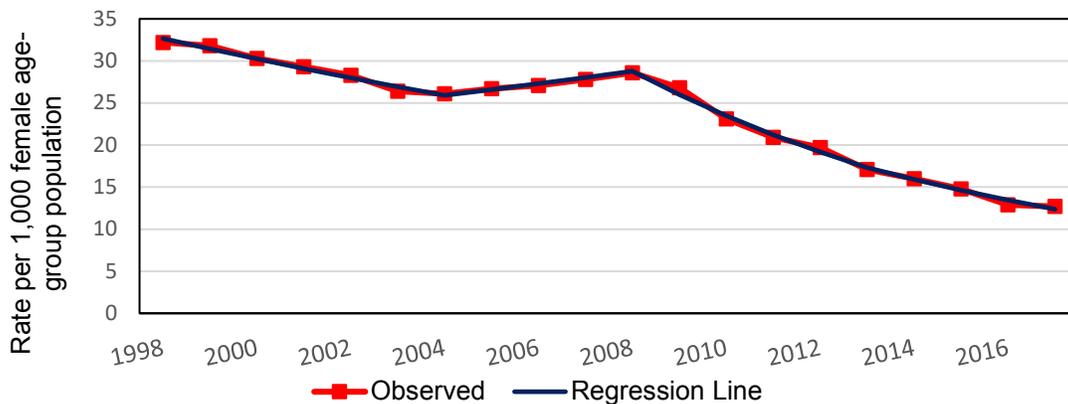
Figure C. Percentage of Adolescent and Teen Pregnancies by Female Age-Group, Kansas, 2017 (n=2,469)



### Trends 1998-2017

Overall, the single year rate of adolescent and teenage pregnancies (aged 10-19) decreased from 1998 to 2017. Trends were assessed for significance using Joinpoint regression analysis over the past 20 years. From 1998 to 2004, the annual percentage change (APC) in adolescent and teen pregnancy rates declined significantly (APC = -3.7%; 95%CI: -5.0, -2.4%), while the annual percentage change from 2004 through 2008 was not statistically significant. However, there was a significant declining trend from 2008 through 2017 (APC = -9.0%; 95%CI: -9.7%, -8.4%). (Figure D).

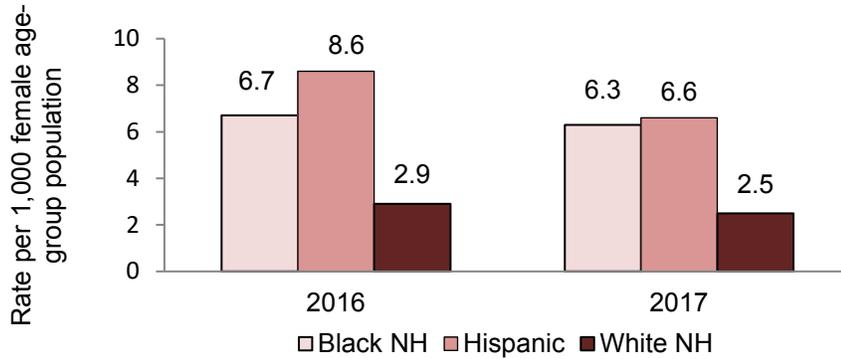
Figure D. Trend in Pregnancy Rates among Females Aged 10-19 Years Kansas, 1998-2017



Kansas teenage pregnancy rates for females 15-19 years of age decreased 59.2 percent between 1998 and 2017. Teen pregnancy rates for females aged 10-17 decreased 73.2 percent during this same time period (Table 2).

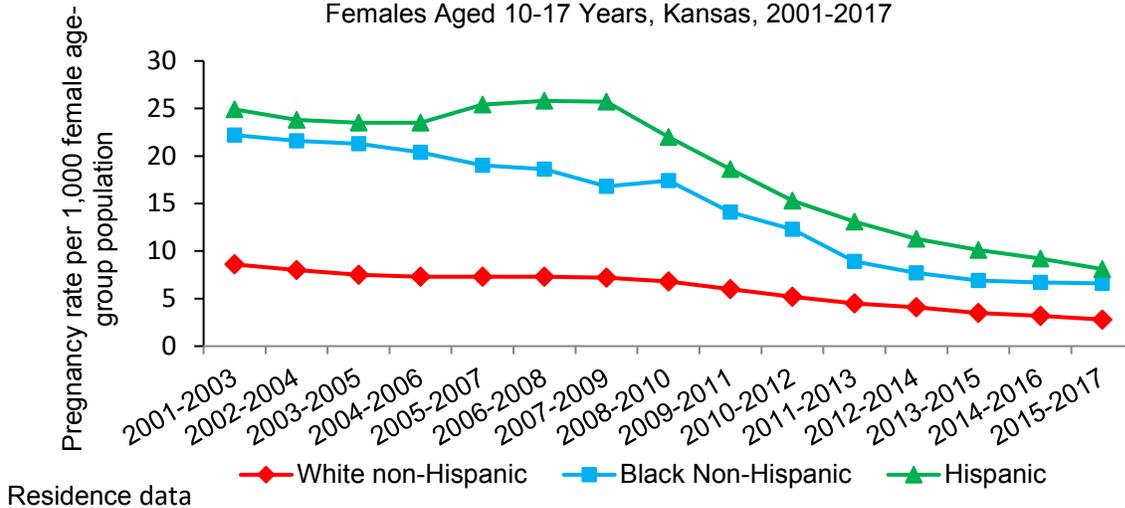
Among selected population groups, the pregnancy rate among females ages 10-17 years decreased slightly among Black non-Hispanics, white non-Hispanics and Hispanics from 2016 to 2017 (Figure E, Table 3).

Figure E. Pregnancy Rates among Females Aged 10-17 Years by Selected Population Groups, Kansas, 2015-2016



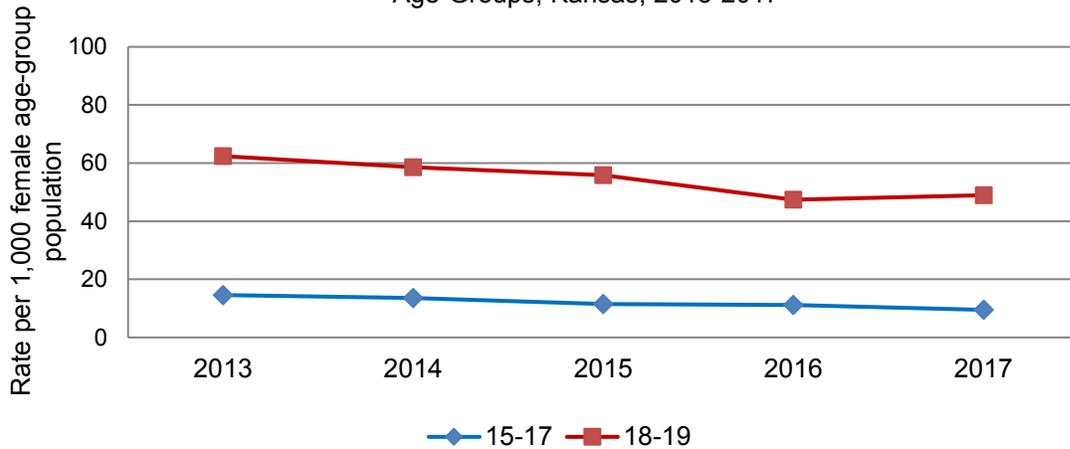
Trends of three year rolling averages from 2001 through 2017 show overall declining trends in pregnancy rates among Black and White non-Hispanic and Hispanic adolescents and teens 10-17 years of age, (Figure F).

Figure F. Three Year Rolling Average Pregnancy Rates for Selected Population Groups Females Aged 10-17 Years, Kansas, 2001-2017



In 2017, pregnancy rates among females 15-17 years of age, (9.5 per 1,000 female age-group population) was the lowest rate in the past five years. Females aged 18-19 (48.9 per 1,000 female age-group population) showed a slight increase of 3.2 percent from 2016 (47.4%). However, both rates compare favorably with the Healthy People 2020 national targets of 36.2 pregnancies per 1,000 female age-group population among females aged 15-17 years and 72.2 per 1,000 female age-group population among females aged 18-19 years (Table 2, Figure G).

Figure G. Pregnancy Rates among Selected Female Age-Groups, Kansas, 2013-2017



### ***Geographic Detail***

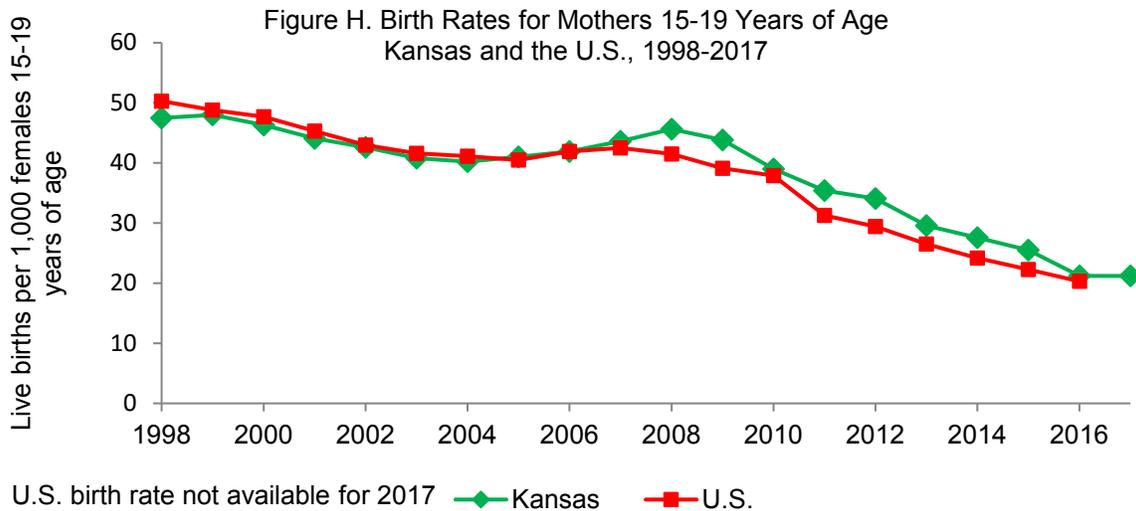
Five-year (2013-2017) county pregnancy rates for females aged 15-19 were compared to the state rate and tested for statistically significant differences. Rates for 16 counties were significantly higher than the state rate, and rates for 16 counties were significantly lower than the state rate. Rates for 49 counties were not statistically different from the state rate, while the number of pregnancies among adolescents and teens in 24 counties was too small (under 20 pregnancies) for reliable rate comparisons (Figure 4).

For counties with reliable 5-year pregnancy rates for females aged 15-19, the rates ranged from a low of 12.9 per 1,000 female age-group population in both Douglas and Ottawa Counties to a high of 75.1 per 1,000 female age-group population in Geary County (Table 4). These rates were compared to the 5-year state rate of 29.2 per 1,000 female age-group population. The number of teen pregnancies in Douglas and Ottawa Counties had significantly lower rates than the state rate while the Geary County rate was significantly higher than the state.

In 2017, densely-settled rural counties had the highest pregnancy rates for females aged 10-19 years (14.9 per 1,000 female age-group population), followed by semi-urban (14.8), urban (11.8), rural (10.9) and frontier (8.8) counties (Table 1).

### ***Birth Rates***

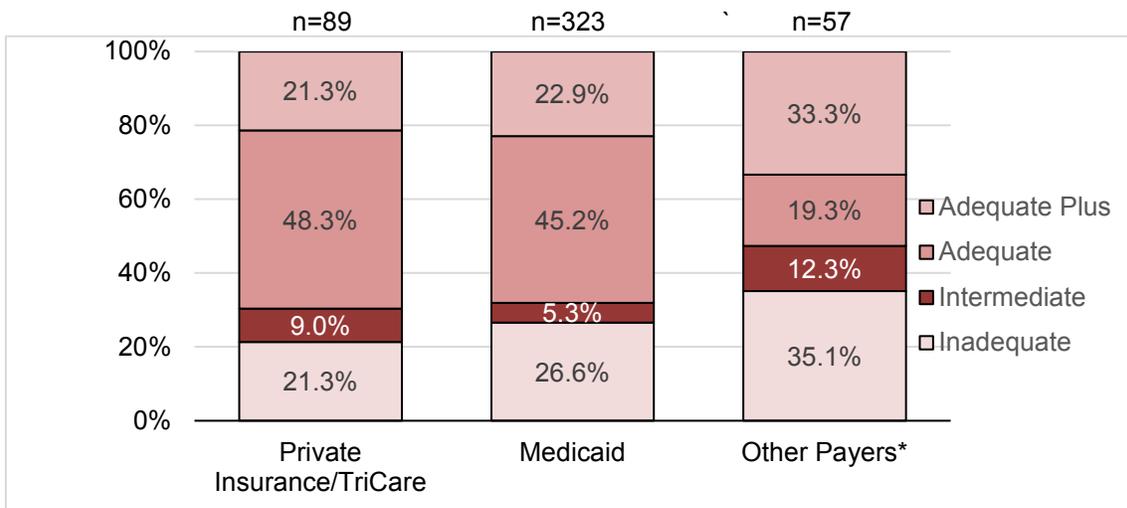
In 2017, the birth rate for Kansas mothers aged 15-19 (21.2 per 1,000 female age-group population) was unchanged from 2016. During the 20-year period from 1998 to 2017, birth rates for Kansas mothers 15-19 years of age decreased by 55.4 percent (Figure H). For six years (1998-2004), the Kansas rate was lower than the U.S. rate for births to teens aged 15-19. Since 2005, the U.S. rate has dropped faster than the Kansas rate. The preliminary U.S. birth rate for 2017 is not yet available [11].



### Adequacy of Prenatal Care

Adequacy of prenatal care was examined for adolescents/teens aged 10-17 years by primary payer. No significant differences were found in less than adequate prenatal care (intermediate + inadequate) between private insurance/Tricare (30.3%, 95% CI: 18.8-46.4). Medicaid (31.9%, 95% CI: 24.8-39.0) and other (47.4%, 95% CI: 28.5-74.0) (Figure I). Of the 471 live births to Kansas mothers aged 10-17, two were excluded because the adequacy of prenatal care index could not be calculated (Figure I).

Figure I. Adequacy of Prenatal Care by Selected Payers among Adolescents Aged 10-17 Years who had Live Births, Kansas, 2017



\*Other payers include other government, self-pay, Indian Health Services, other payer and unknown payer.

## Conclusions

Pregnancy rates continued to decline among Kansas females aged 10-19 in 2017. Declines were seen in selected age groups 10-17, 15-17 and 15-19. The 18-19-year

age-group increased slightly since 2016, however, rates continue to compare favorably with the Healthy People 2020 national targets of 36.2 and 105.9 per 1,000 female age-group populations for aged 15-17 and 18-19, respectively [6] (Table 1).

Birth rates among White non-Hispanics, Black non-Hispanic and Hispanic adolescents and teens aged 10-17 years decreased from 2016 to 2017 (Table 3). Among older teens, aged 18-19 years, Black non-Hispanic and Hispanic birth rates and pregnancy rates increased and the White non-Hispanic pregnancy rate increased while birth rate was unchanged from 2016 to 2017 (Table 7).

Pregnant women who receive inadequate prenatal care are at increased risk of bearing infants who have low birth weight, are stillborn, or die within the first year of life [12]. Inadequate prenatal care is strongly associated with preterm birth among adolescents [13]. However, disparities were found among adolescents aged 10-17 years receiving less than adequate prenatal care. A higher percentage mothers receiving less than adequate prenatal care was found when payers were those other than private insurance/Tricare or Medicaid. No disparity was found in receiving less than adequate care when primary payers were private/Tricare or Medicaid (Figure I).

## Limitations

This report's findings are subject to at least one limitation. An important concern is the issue of receiving vital events from other states within the KDHE reporting deadline. Vital statistics are gathered on an occurrence basis but are traditionally reported on a residence basis. For complete residence statistics, reports must be received from other states for events occurring to Kansas residents. These events are reported for a full calendar year. Because of delays or other late reporting, some vital event reports have not been received by KDHE by the cutoff date of June 30 of the year following the event year. Past evaluations indicate that over 99 percent of all vital events to Kansas residents are received before the cutoff date.

## References

- 1 Hoffman S. By the Numbers-The Public Costs of Teen Childbearing. Washington, DC: National Campaign to Prevent Teen Pregnancy; 2006.
- 2 Perper K, Peterson K, Manlove J. Diploma Attainment among Teen Mothers. Child Trends, Fact Sheet Publication #2010-01: Washington, DC: *Child Trends*; 2010.
- 3 Hoffman S. Kids Having Kids: Economic Costs and Social Consequences of Teen Pregnancy. Washington, DC: The Urban Institute Press; 2008.
- 4 Singh S, Darroch J. Adolescent Pregnancy and Childbearing: Levels and Trends in Developed Countries. *Family Planning Perspectives* 2000; 32(1):14-23.
- 5 Winnable Battles [Internet] Atlanta. U.S. Centers for Disease Control and Prevention [updated 2011 Dec 1; cited 2013 August 30] Available from <http://www.cdc.gov/WinnableBattles/targets/TeenPregnancy/>
- 6 Healthy People 2020 Family Planning Objectives. U.S. Department of Health and Human Services. [Cited: 10 Aug 2016]. Available from: [https://www.healthypeople.gov/node/4468/data\\_details#revision\\_history\\_header](https://www.healthypeople.gov/node/4468/data_details#revision_history_header)
- 7 Kansas Abstinence Education Program, Kansas Department of Health and Environment. [Cited: 02 Dec 2011]. Available from: <http://www.gonnawait.org/index.html>.
- 8 Kansas Maternal and Child Health 2014 Biennial Summary. Kansas Department of Health and Environment. 2015. [Cited: 16 Sep 2015]. Available from: [http://www.kdheks.gov/c-f/downloads/2014\\_MCH\\_Biennial\\_Summary.pdf](http://www.kdheks.gov/c-f/downloads/2014_MCH_Biennial_Summary.pdf).
- 9 Oakley D, Crawford G, Savage C. Kansas Annual Summary of Vital Statistics, 2017. Kansas Department of Health and Environment. [Cited: August. 2018].

- 10 Kotelchuck M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a proposed Adequacy of Prenatal Care Utilization Index. *American Journal of Public Health*, 1994; 84:1414-1420.
- 11 Ventura SJ, Hamilton BE, Mathews TJ. National and State Patterns of Teen Births in the United States, 1940-2013. National Vital Statistics Reports, Volume 63 Number 4.
- 12 Mills C, Fine A, Adams-Taylor S. *Monitoring Children's Health: Key Indicators* (2<sup>nd</sup> edition), American Public Health Association, 1989.
- 13 Debiec K, Paul K, Mitchell C, Hitti J. Inadequate prenatal care and risk of preterm delivery among adolescents: a retrospective study over 10 years. *Am J Obstet Gynecol*. 2010 Aug; 203(2):122.e1-6. Epub 2010 May 14.

# Detailed Tables and Figures

Table 1. Pregnancy\* Numbers and Rates† by County of Residence and Peer Group by Component and Age-Group among Females Aged 10-19 Years, Kansas, 2017

County of Residence	Live Births		Stillbirths		Abortions		Total Pregnancies			Teenage Preg. Rates
	Age-Group		Age-Group		Age-Group		Age Group			Age-Group
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-19	10-19
Allen	0	12	0	0	0	0	0	12	12	14.1
Anderson	0	7	0	0	0	0	0	7	7	13.6
Atchison	0	12	0	0	0	0	0	12	12	9.4
Barber	0	2	0	0	0	0	0	2	2	8.1
Barton	0	22	0	1	0	4	0	27	27	15.4
Bourbon	0	15	0	0	0	3	0	18	18	17.2
Brown	0	14	0	0	0	0	0	14	14	22.6
Butler	0	50	0	1	0	5	0	56	56	11.0
Chase	0	0	0	0	0	0	0	0	0	0.0
Chautauqua	0	2	0	0	0	0	0	2	2	11.2
Cherokee	0	18	0	0	0	2	0	20	20	15.0
Cheyenne	0	0	0	0	0	0	0	0	0	0.0
Clark	0	1	0	0	0	0	0	1	1	6.7
Clay	0	3	0	0	0	0	0	3	3	6.0
Cloud	0	10	0	0	0	0	0	10	10	17.4
Coffey	0	5	0	0	0	1	0	6	6	11.8
Comanche	0	1	0	0	0	0	0	1	1	8.0
Cowley	0	34	0	0	0	2	0	36	36	14.9
Crawford	0	27	0	0	0	6	0	33	33	12.5
Decatur	0	2	0	0	0	0	0	2	2	13.8
Dickinson	0	8	0	0	0	1	0	9	9	7.4
Doniphan	0	1	0	0	0	2	0	3	3	5.7
Douglas	0	50	0	0	0	27	0	77	77	9.0
Edwards	0	1	0	0	0	0	0	1	1	5.2
Elk	0	1	0	0	0	0	0	1	1	7.4
Ellis	0	17	0	0	0	9	0	26	26	14.2
Ellsworth	0	2	0	0	0	0	0	2	2	7.0
Finney	3	48	0	0	0	3	3	51	54	18.6
Ford	0	63	0	0	1	5	1	68	69	27.5
Franklin	0	29	0	0	0	3	0	32	32	18.0
Geary	0	63	0	0	1	12	1	75	76	39.4
Gove	0	0	0	0	0	0	0	0	0	0.0
Graham	0	0	0	0	0	0	0	0	0	0.0
Grant	0	9	0	0	0	2	0	11	11	17.5
Gray	0	2	0	0	0	0	0	2	2	4.1
Greeley	0	3	0	0	0	0	0	3	3	34.1
Greenwood	0	4	0	0	0	0	0	4	4	11.1
Hamilton	0	1	0	0	0	0	0	1	1	5.6
Harper	0	8	0	0	0	0	0	8	8	24.2
Harvey	0	32	0	0	0	3	0	35	35	14.5
Haskell	0	2	0	0	0	2	0	4	4	13.2
Hodgeman	0	0	0	0	0	0	0	0	0	0.0
Jackson	0	14	0	0	0	0	0	14	14	15.8
Jefferson	0	12	0	0	0	2	0	14	14	11.6
Jewell	0	0	0	0	0	0	0	0	0	0.0
Johnson	0	134	0	1	1	51	1	186	187	4.8
Kearny	0	2	0	0	0	1	0	3	3	10.9
Kingman	0	2	0	0	0	0	0	2	2	4.2
Kiowa	0	2	0	0	0	0	0	2	2	11.5
Labette	0	21	0	0	0	0	0	21	21	17.2
Lane	0	0	0	0	0	0	0	0	0	0.0
Leavenworth	0	47	0	0	1	8	1	55	56	11.3
Lincoln	0	0	0	0	0	0	0	0	0	0.0
Linn	0	6	0	0	0	3	0	9	9	14.2
Logan	0	1	0	0	0	0	0	1	1	5.5

Table 1. Pregnancy\* Numbers and Rates† by County of Residence and Peer Group by Component and Age-Group among Females Aged 10-19 Years, Kansas, 2017

County of Residence	Live Births		Stillbirths		Abortions		Total Pregnancies			Teenage Preg. Rates
	Age-Group		Age-Group		Age-Group		Age Group			Age-Group
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-19	10-19
Lyon	0	25	0	0	0	4	0	29	29	11.8
McPherson	0	10	0	0	0	1	0	11	11	5.8
Marion	0	5	0	0	0	0	0	5	5	6.4
Marshall	0	1	0	0	0	0	0	1	1	1.6
Meade	0	1	0	0	0	0	0	1	1	3.4
Miami	0	30	0	0	0	8	0	38	38	16.1
Mitchell	0	2	0	0	0	1	0	3	3	7.9
Montgomery	0	22	0	0	0	0	0	22	22	10.5
Morris	0	3	0	0	0	0	0	3	3	10.0
Morton	1	5	0	0	0	0	1	5	6	31.7
Nemaha	0	7	0	0	0	0	0	7	7	10.6
Neosho	0	16	0	0	0	1	0	17	17	15.7
Ness	0	0	0	0	0	0	0	0	0	0.0
Norton	0	2	0	0	0	0	0	2	2	7.1
Osage	0	11	0	0	0	2	0	13	13	13.1
Osborne	0	2	0	0	0	0	0	2	2	10.8
Ottawa	0	0	0	0	0	0	0	0	0	0.0
Pawnee	0	6	0	1	0	0	0	7	7	25.5
Phillips	0	1	0	0	0	0	0	1	1	2.9
Pottawatomie	0	8	0	0	0	4	0	12	12	6.8
Pratt	0	7	0	0	0	2	0	9	9	15.3
Rawlins	0	1	0	0	0	0	0	1	1	7.9
Reno	0	54	0	0	0	4	0	58	58	14.2
Republic	0	2	0	0	0	0	0	2	2	8.2
Rice	0	9	0	0	0	3	0	12	12	18.2
Riley	0	44	0	0	0	12	0	56	56	11.1
Rooks	0	4	0	0	0	0	0	4	4	12.7
Rush	0	1	0	0	0	0	0	1	1	5.7
Russell	0	3	0	0	0	1	0	4	4	10.7
Saline	0	41	0	0	0	10	0	51	51	14.9
Scott	0	2	0	0	0	0	0	2	2	5.7
Sedgwick	5	474	0	3	4	81	9	558	567	16.3
Seward	0	36	0	0	1	4	1	40	41	23.5
Shawnee	0	133	0	0	1	24	1	157	158	13.7
Sheridan	0	2	0	0	0	0	0	2	2	12.2
Sherman	0	4	0	0	0	2	0	6	6	15.9
Smith	0	3	0	0	0	0	0	3	3	14.5
Stafford	0	1	0	1	0	0	0	2	2	8.1
Stanton	0	2	0	0	0	0	0	2	2	12.8
Stevens	0	3	0	0	0	0	0	3	3	6.5
Sumner	0	14	0	0	0	1	0	15	15	9.9
Thomas	0	6	0	0	0	0	0	6	6	10.4
Trego	0	3	0	0	0	0	0	3	3	20.7
Wabaunsee	0	3	0	0	0	0	0	3	3	6.9
Wallace	0	0	0	0	0	0	0	0	0	0.0
Washington	0	1	0	0	0	0	0	1	1	3.2
Wichita	0	1	0	0	0	0	0	1	1	6.3
Wilson	0	9	0	0	0	0	0	9	9	15.7
Woodson	0	4	0	0	0	1	0	5	5	26.2
Wyandotte	4	207	0	3	0	43	4	253	257	22.6
n.s.	0	0	0	0	0	16	0	16	16	n/a
<b>Kansas</b>	<b>13</b>	<b>2,053</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>382</b>	<b>23</b>	<b>2,446</b>	<b>2,469</b>	<b>12.7</b>
<b>Peer Group</b>										
Frontier	1	53	0	1	0	3	1	57	58	8.8
Rural	0	155	0	1	0	17	0	173	173	10.9
Densely -Settled Rural	3	408	0	1	2	49	5	458	463	14.9
Semi-Urban	0	392	0	1	1	63	1	456	457	14.8
Urban	9	1,045	0	7	7	234	16	1,286	1,302	11.8

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/25/2017

Table 2  
Pregnancy\* Numbers and Rates† by Year by Age-Group  
Females Aged 10-19 Years  
Kansas, 1998-2017

Year	Teen (10-19) Pregnancies	Age-Group					Teen (10-19) Pregnancy Rate	Pregnancy Rate				
		10-14	15-17	18-19	10-17	15-19		10-14	15-17	18-19	10-17	15-19
1998	6,444	108	2,087	4,249	2,195	6,336	32.4	1.1	34.1	107.6	13.8	62.0
1999	6,402	103	1,979	4,320	2,082	6,299	31.9	1.1	32.4	106.3	13.1	60.7
2000	6,090	94	1,819	4,177	1,913	5,996	30.3	0.9	30.1	105.0	12.0	58.7
2001	5,818	79	1,819	3,920	1,898	5,739	28.8	0.8	30.2	101.4	11.9	56.0
2002	5,586	86	1,684	3,816	1,770	5,500	28.3	0.9	28.3	96.0	11.3	54.7
2003	5,174	73	1,559	3,542	1,632	5,101	26.4	0.8	26.6	92.9	10.5	51.3
2004	5,026	71	1,492	3,463	1,563	4,955	26.1	0.8	25.8	86.8	10.3	50.3
2005	5,044	69	1,483	3,492	1,552	4,975	26.7	0.8	25.7	85.1	10.4	50.8
2006	5,192	85	1,507	3,600	1,592	5,107	27.1	0.9	25.5	87.1	10.4	52.2
2007	5,268	70	1,573	3,625	1,643	5,198	27.8	0.8	26.8	93.1	10.9	53.2
2008	5,371	66	1,552	3,753	1,618	5,305	28.6	0.7	27.1	95.7	10.9	55.0
2009	5,036	56	1,417	3,563	1,473	4,980	26.8	0.6	25.2	88.5	10.0	51.6
2010	4,501	59	1,298	3,144	1,357	4,442	23.1	0.6	22.4	77.6	8.8	45.1
2011	4,095	70	1,063	2,962	1,133	4,025	20.9	0.7	18.4	72.2	7.3	40.8
2012	3,823	42	973	2,808	1,015	3,781	19.7	0.4	17.0	70.8	6.6	39.0
2013	3,335	41	841	2,453	882	3,294	17.1	0.4	14.6	62.4	5.7	34.0
2014	3,118	35	783	2,300	818	3,083	16.0	0.4	13.6	58.6	5.3	33.2
2015	2,872	22	673	2,177	695	2,850	14.8	0.2	11.5	55.9	4.5	29.3
2016	2,518	29	649	1,840	678	2,489	12.9	0.3	11.2	47.4	4.4	25.7
2017	2,469	23	552	1,894	575	2,446	12.7	0.2	9.5	48.9	3.7	25.3

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Created: 8/06/2018

Table 3  
Pregnancy\* Numbers and Rates+ and Birth Rates by Year  
by Selected Population Groups  
Females Aged 10-17 Years, Kansas, 1998-2017

Year	Number of Pregnancies			Pregnancy Rate			Birth Rate		
	Non-Hispanic	Non-Hispanic	Hispanic	Non-Hispanic	Non-Hispanic	Hispanic	Non-Hispanic	Non-Hispanic	Hispanic
1998	1,462	319	325	11.1	28.2	27.5	7.4	22.1	23.6
1999	1,314	337	352	10.0	29.2	28.0	6.9	22.7	25.5
2000	1,184	293	385	9.3	24.9	29.1	6.5	19.6	25.4
2001	1,202	269	364	9.5	22.4	26.2	6.5	17.3	24.1
2002	1,078	267	364	8.7	21.8	24.9	5.9	16.2	23.6
2003	944	277	358	7.7	22.4	23.6	5.4	15.9	21.4
2004	901	248	351	7.5	20.7	22.9	5.7	15.7	20.7
2005	836	249	380	7.2	20.9	24.0	5.2	15.4	21.2
2006	866	236	408	7.3	19.5	23.6	5.2	14.0	20.9
2007	840	205	504	7.3	16.6	28.5	5.4	13.6	25.7
2008	842	239	460	7.4	19.6	25.4	5.6	15.2	23.3
2009	776	175	437	6.9	14.3	23.3	5.3	10.6	21.8
2010	661	185	416	6.0	18.4	18.2	4.9	14.2	17.1
2011	563	131	363	5.0	10.4	15.3	4.1	8.1	13.8
2012	524	117	310	4.7	9.4	12.7	3.9	7.2	12.0
2013	433	89	293	3.9	7.1	11.5	3.2	6.2	10.7
2014	416	84	257	3.8	6.7	9.9	3.1	5.6	9.3
2015	317	87	241	2.9	6.8	9.0	2.4	5.5	8.2
2016	317	85	236	2.9	6.7	8.6	2.4	5.9	7.7
2017	266	81	185	2.5	6.3	6.6	1.9	5.2	5.7

\*Pregnancies include the sum of live births, stillbirths and abortions.

+Rate per 1,000 female age-group population within population group.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 4. Pregnancy\* Rates<sup>†</sup> by County of Residence by Year among Females Aged 10-14 and 15-19 Years, Kansas, 2013-2017

County of Residence	Year											
	2013		2014		2015		2016		2017		5-year Rate	
	Age-Group		Age-Group		Age-Group		Age-Group		Age-Group		Age-Group	
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19
Allen	0.0	25.0	0.0	23.0	0.0	40.1	2.4	32.8	0.0	27.5	0.5	29.6
Anderson	0.0	29.2	0.0	32.9	0.0	21.9	0.0	35.6	0.0	30.7	0.0	30.1
Atchison	0.0	32.1	0.0	30.4	0.0	19.6	0.0	24.4	0.0	16.2	0.0	24.7
Barber	0.0	29.0	0.0	64.5	0.0	31.7	0.0	26.5	0.0	18.2	0.0	34.4
Barton	0.0	34.8	0.0	42.3	0.0	36.2	1.1	28.6	0.0	32.1	0.2	34.9
Bourbon	2.1	47.0	0.0	66.4	0.0	41.4	0.0	46.5	0.0	37.8	0.4	47.9
Brown	0.0	40.1	0.0	47.8	0.0	39.3	0.0	22.3	0.0	50.9	0.0	40.3
Butler	0.8	22.1	0.0	24.3	0.0	21.1	0.0	15.8	0.0	22.8	0.2	21.2
Chase	0.0	12.0	0.0	11.8	0.0	10.9	0.0	22.2	0.0	0.0	0.0	11.4
Chautauqua	0.0	61.2	0.0	0.0	0.0	34.1	9.7	33.0	0.0	23.5	2.1	31.0
Cherokee	0.0	40.6	0.0	60.3	0.0	39.8	0.0	32.6	0.0	31.9	0.0	41.4
Cheyenne	14.1	52.6	0.0	15.4	0.0	73.5	0.0	58.0	0.0	0.0	2.7	40.5
Clark	0.0	28.6	0.0	0.0	0.0	27.0	0.0	25.6	0.0	13.5	0.0	18.6
Clay	0.0	31.9	0.0	32.5	0.0	29.0	0.0	21.8	0.0	13.7	0.0	26.1
Cloud	0.0	36.4	0.0	41.5	0.0	31.2	0.0	13.2	0.0	31.9	0.0	31.2
Coffey	0.0	13.4	0.0	28.3	0.0	18.6	0.0	19.6	0.0	23.7	0.0	20.6
Comanche	0.0	28.2	0.0	14.3	0.0	0.0	0.0	0.0	0.0	16.4	0.0	12.0
Cowley	0.0	41.2	0.0	38.9	0.0	31.1	0.0	30.0	0.0	28.3	0.0	34.0
Crawford	0.0	33.8	0.9	39.9	0.0	30.5	0.9	22.8	0.0	22.0	0.4	29.8
Decatur	0.0	83.3	0.0	65.8	0.0	13.5	0.0	14.1	0.0	27.4	0.0	41.0
Dickinson	0.0	20.3	0.0	29.9	0.0	28.6	0.0	24.0	0.0	15.3	0.0	23.6
Doniphan	0.0	30.5	0.0	12.4	0.0	0.0	0.0	16.8	0.0	10.5	0.0	14.1
Douglas	0.7	13.9	0.3	12.2	0.3	13.7	0.0	10.6	0.0	13.9	0.3	12.9
Edwards	0.0	10.9	0.0	30.3	0.0	10.4	0.0	30.3	0.0	10.2	0.0	18.6
Elk	0.0	37.5	0.0	40.5	0.0	14.7	0.0	30.8	0.0	17.2	0.0	29.0
Ellis	0.0	29.3	1.3	30.8	0.0	16.6	0.0	9.8	0.0	25.4	0.3	22.4
Ellsworth	7.4	13.5	0.0	14.8	0.0	15.2	0.0	14.3	0.0	15.5	1.4	14.6
Finney	0.0	56.1	0.0	52.9	0.7	53.7	0.0	42.5	2.1	34.7	0.6	48.0
Ford	0.7	56.0	0.0	61.3	0.0	65.3	0.0	41.6	0.8	57.7	0.3	56.4
Franklin	0.0	37.1	1.1	32.4	0.0	32.5	0.0	24.4	0.0	35.9	0.2	32.5
Geary	2.5	69.2	0.0	72.6	0.8	74.2	0.9	72.9	0.9	87.7	1.0	75.1
Gove	0.0	0.0	0.0	12.3	0.0	25.0	0.0	28.6	0.0	0.0	0.0	12.8
Graham	0.0	54.8	0.0	57.1	0.0	14.7	0.0	16.1	0.0	0.0	0.0	30.6
Grant	0.0	60.0	3.0	47.2	0.0	41.4	0.0	31.7	0.0	35.5	0.6	43.0
Gray	0.0	29.3	0.0	23.5	0.0	8.3	0.0	13.5	0.0	8.8	0.0	16.9
Greeley	0.0	0.0	0.0	0.0	0.0	45.5	0.0	55.6	0.0	90.9	0.0	39.3
Greenwood	0.0	45.7	0.0	58.1	0.0	34.3	0.0	24.1	0.0	24.1	0.0	37.5
Hamilton	0.0	71.4	0.0	24.7	0.0	35.3	0.0	20.4	0.0	10.8	0.0	30.4
Harper	0.0	38.3	0.0	38.9	0.0	38.7	0.0	21.3	0.0	55.2	0.0	38.6
Harvey	0.0	37.5	0.0	25.2	0.8	18.9	0.8	28.4	0.0	29.0	0.3	27.8
Haskell	0.0	45.5	0.0	42.4	0.0	41.7	0.0	26.5	0.0	28.4	0.0	37.5
Hodgeman	0.0	15.6	0.0	0.0	0.0	33.3	0.0	15.2	0.0	0.0	0.0	12.6
Jackson	0.0	32.3	0.0	33.9	0.0	34.6	0.0	19.6	0.0	32.3	0.0	30.4
Jefferson	0.0	13.3	0.0	13.4	0.0	31.0	0.0	21.6	0.0	24.3	0.0	20.8
Jewell	0.0	48.2	0.0	38.0	0.0	23.3	0.0	14.5	0.0	0.0	0.0	26.4
Johnson	0.2	16.2	0.2	16.6	0.0	14.3	0.1	11.3	0.0	10.0	0.1	13.6
Kearny	0.0	36.0	0.0	37.0	0.0	53.3	0.0	22.9	0.0	24.6	0.0	35.5
Kingman	0.0	35.2	0.0	12.2	0.0	23.4	0.0	15.8	0.0	8.1	0.0	19.1
Kiowa	0.0	9.4	0.0	28.6	0.0	9.3	0.0	19.0	0.0	19.4	0.0	17.1
Labette	1.5	42.0	0.0	38.6	0.0	36.8	0.0	43.3	0.0	36.8	0.3	39.5
Lane	0.0	14.7	0.0	16.1	0.0	0.0	0.0	39.2	0.0	0.0	0.0	14.1
Leavenworth	0.4	35.1	0.0	27.5	0.8	28.5	0.0	28.4	0.4	23.8	0.3	28.6
Lincoln	0.0	11.6	0.0	0.0	0.0	23.3	0.0	10.0	0.0	0.0	0.0	8.6
Linn	0.0	35.1	0.0	35.0	0.0	67.3	0.0	31.3	0.0	30.3	0.0	39.8
Logan	0.0	29.0	0.0	30.3	0.0	27.0	0.0	31.3	0.0	12.5	0.0	25.5

Table 4. Pregnancy\* Rates† by County of Residence by Year among Females Aged 10-14 and 15-19 Years, Kansas, 2013-2017

County of Residence	Year											
	2013		2014		2015		2016		2017		5-year Rate	
	Age-Group		Age-Group		Age-Group		Age-Group		Age-Group		Age-Group	
	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19	10-14	15-19
Lyon	3.0	33.6	1.0	33.6	1.9	19.9	1.9	26.6	0.0	20.7	1.5	26.9
McPherson	0.0	19.5	0.0	27.3	0.0	22.6	0.0	21.1	0.0	11.6	0.0	20.4
Marion	0.0	12.4	0.0	18.6	0.0	12.2	0.0	17.3	0.0	12.3	0.0	14.6
Marshall	0.0	30.1	0.0	25.9	0.0	14.3	0.0	24.6	0.0	3.3	0.0	19.2
Meade	0.0	37.2	0.0	30.8	0.0	35.1	0.0	37.0	0.0	6.7	0.0	30.1
Miami	0.0	25.2	0.0	21.3	0.0	25.4	0.0	22.1	0.0	34.8	0.0	25.7
Mitchell	0.0	30.6	0.0	21.4	0.0	37.6	0.0	44.7	0.0	17.3	0.0	30.4
Montgomery	0.9	45.2	0.0	37.2	0.9	43.8	0.0	31.3	0.0	21.7	0.4	36.0
Morris	0.0	31.1	0.0	19.1	0.0	25.5	0.0	18.6	0.0	19.7	0.0	22.8
Morton	0.0	24.6	0.0	26.3	0.0	27.5	0.0	28.6	11.1	50.5	1.8	31.0
Nemaha	0.0	39.2	0.0	29.9	0.0	26.3	0.0	11.7	0.0	20.2	0.0	25.3
Neosho	0.0	30.5	0.0	38.2	0.0	41.3	0.0	31.7	0.0	31.5	0.0	34.7
Ness	0.0	11.2	0.0	54.9	0.0	46.0	0.0	54.9	0.0	0.0	0.0	33.6
Norton	0.0	49.0	0.0	45.1	0.0	33.1	0.0	23.4	0.0	15.2	0.0	33.5
Osage	0.0	24.0	0.0	29.1	0.0	23.6	0.0	27.0	0.0	27.4	0.0	26.2
Osborne	0.0	66.7	0.0	55.6	0.0	9.3	0.0	11.4	0.0	24.1	0.0	34.6
Ottawa	0.0	14.7	0.0	10.1	0.0	11.0	0.0	28.2	0.0	0.0	0.0	12.9
Pawnee	5.6	16.8	0.0	54.9	0.0	30.3	0.0	20.1	0.0	51.5	1.3	34.0
Phillips	0.0	11.6	10.2	22.9	0.0	27.5	0.0	15.3	0.0	5.5	2.3	16.5
Pottawatomie	0.0	12.7	0.0	17.3	0.0	13.6	0.0	18.2	0.0	14.7	0.0	15.3
Pratt	0.0	29.0	0.0	36.8	0.0	53.3	0.0	28.3	0.0	30.1	0.0	35.5
Rawlins	0.0	44.8	0.0	14.3	0.0	60.6	0.0	36.4	0.0	15.4	0.0	34.1
Reno	0.0	38.8	0.0	33.9	0.5	30.4	1.0	24.1	0.0	28.8	0.3	31.2
Republic	0.0	34.2	0.0	8.1	0.0	18.5	7.8	23.8	0.0	16.5	1.6	20.2
Rice	0.0	44.3	0.0	19.4	0.0	19.4	0.0	34.7	0.0	34.0	0.0	30.4
Riley	0.0	18.8	0.0	16.1	0.0	18.1	0.0	14.2	0.0	15.5	0.0	16.5
Rooks	5.9	13.7	0.0	13.8	0.0	27.2	0.0	7.0	0.0	25.6	1.2	17.6
Rush	0.0	12.7	0.0	13.0	0.0	12.5	0.0	13.3	0.0	11.9	0.0	12.7
Russell	0.0	35.7	0.0	21.2	0.0	23.0	0.0	23.4	0.0	23.0	0.0	25.4
Saline	0.0	45.6	0.0	33.7	0.6	33.6	0.6	28.0	0.0	31.2	0.2	34.5
Scott	0.0	41.4	0.0	39.0	0.0	12.1	0.0	22.9	0.0	11.3	0.0	24.5
Sedgwick	0.4	45.5	0.7	40.1	0.2	34.4	0.3	34.3	0.5	33.5	0.4	37.5
Seward	1.1	63.6	0.0	66.8	0.0	59.4	0.0	51.4	1.1	48.7	0.4	58.2
Shawnee	0.0	43.8	0.2	39.3	0.3	37.4	0.5	30.2	0.2	28.0	0.2	35.7
Sheridan	0.0	27.4	0.0	13.9	0.0	0.0	0.0	23.5	0.0	31.7	0.0	18.8
Sherman	0.0	44.9	5.5	48.1	6.2	33.0	0.0	5.6	0.0	33.7	2.1	33.2
Smith	0.0	18.2	0.0	0.0	0.0	21.3	0.0	10.0	0.0	29.1	0.0	15.7
Stafford	0.0	29.4	0.0	30.1	0.0	106.9	0.0	42.4	0.0	17.7	0.0	46.0
Stanton	0.0	31.3	0.0	46.2	0.0	40.5	0.0	0.0	0.0	23.3	0.0	27.7
Stevens	4.3	55.6	0.0	46.9	0.0	31.3	0.0	21.4	0.0	15.5	0.8	34.3
Sumner	0.0	33.4	0.0	17.1	0.0	38.0	0.0	24.5	0.0	20.6	0.0	26.8
Thomas	0.0	27.6	0.0	33.3	0.0	19.7	0.0	31.3	0.0	17.9	0.0	26.1
Trego	0.0	23.0	0.0	0.0	0.0	41.1	0.0	40.5	0.0	39.5	0.0	28.1
Wabaunsee	0.0	41.7	0.0	28.7	4.4	9.4	4.3	14.5	0.0	14.2	1.7	21.8
Wallace	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Washington	0.0	5.6	0.0	0.0	0.0	6.3	0.0	17.9	0.0	6.8	0.0	7.3
Wichita	0.0	18.9	0.0	16.7	0.0	45.5	0.0	13.5	0.0	12.0	0.0	20.8
Wilson	0.0	27.8	3.2	27.7	0.0	17.9	0.0	44.3	0.0	33.7	0.7	30.1
Woodson	0.0	0.0	0.0	54.3	0.0	56.8	0.0	53.8	0.0	53.2	0.0	43.5
Wyandotte	1.4	65.9	1.2	61.4	0.7	60.8	1.0	52.7	0.6	48.9	1.0	57.9
Kansas	0.4	34.0	0.4	31.8	0.2	29.3	0.3	25.7	0.2	25.3	0.3	29.2

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rates per 1,000 female age-group population.

Residence data;

Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Created: 8/8/2018

Table 5. Pregnancy\* Rates† by County of Residence by Year  
 Females Aged 10-19 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Allen	13.0	11.5	20.4	17.7	14.1	15.3
Anderson	13.5	15.2	9.9	15.7	13.6	13.6
Atchison	19.6	18.0	11.9	14.3	9.4	14.7
Barber	14.4	30.7	15.6	12.1	8.1	16.3
Barton	17.8	21.5	18.5	14.9	15.4	17.6
Bourbon	24.8	33.0	20.2	22.3	17.2	23.4
Brown	19.3	21.7	17.3	9.7	22.6	18.1
Butler	11.2	12.1	10.6	7.9	11.0	10.5
Chase	5.7	5.5	5.6	11.6	0.0	5.7
Chautauqua	31.9	0.0	15.5	20.6	11.2	16.0
Cherokee	19.5	29.6	19.4	15.7	15.0	19.9
Cheyenne	31.3	7.1	34.5	27.2	0.0	20.4
Clark	13.4	0.0	13.2	12.4	6.7	9.0
Clay	16.0	16.2	14.2	10.1	6.0	12.5
Cloud	19.7	22.5	16.8	7.0	17.4	16.8
Coffey	6.9	14.0	9.0	9.6	11.8	10.2
Comanche	13.8	6.8	0.0	0.0	8.0	6.0
Cowley	22.0	20.5	16.7	15.9	14.9	18.0
Crawford	18.9	23.4	17.7	13.6	12.5	17.2
Decatur	37.5	31.1	6.3	6.8	13.8	19.5
Dickinson	9.5	14.2	13.7	11.4	7.4	11.2
Doniphan	18.2	7.3	0.0	9.4	5.7	8.2
Douglas	9.2	8.0	8.9	6.9	9.0	8.4
Edwards	5.0	14.3	5.0	14.6	5.2	8.9
Elk	19.6	19.5	6.7	14.7	7.4	13.8
Ellis	16.7	17.8	9.4	5.4	14.2	12.7
Ellsworth	10.6	7.4	7.0	7.0	7.0	7.8
Finney	28.3	27.1	27.7	21.6	18.6	24.7
Ford	27.4	29.5	32.0	20.2	27.5	27.3
Franklin	18.2	16.4	16.1	12.0	18.0	16.2
Geary	32.2	32.4	32.6	33.0	39.4	33.8
Gove	0.0	6.0	12.7	13.3	0.0	6.1
Graham	28.4	30.8	7.1	7.5	0.0	15.0
Grant	27.7	24.7	20.3	16.0	17.5	21.3
Gray	13.9	11.7	4.1	6.1	4.1	8.0
Greeley	0.0	0.0	22.2	22.5	34.1	17.2
Greenwood	21.8	27.5	16.9	11.1	11.1	17.7
Hamilton	30.9	10.8	17.1	10.9	5.6	14.7
Harper	20.7	20.6	19.0	9.2	24.2	18.8
Harvey	19.1	12.8	10.1	14.8	14.5	14.2
Haskell	23.6	21.5	21.0	12.7	13.2	18.6
Hodgeman	8.5	0.0	17.5	7.8	0.0	6.6
Jackson	15.4	16.4	16.7	9.8	15.8	14.8
Jefferson	6.4	6.4	15.5	10.7	11.6	10.0
Jewell	26.1	19.2	13.2	7.7	0.0	13.9
Johnson	7.7	7.9	6.8	5.4	4.8	6.5
Kearny	18.6	17.7	26.5	10.5	10.9	17.0
Kingman	17.4	6.1	12.3	8.1	4.2	9.7
Kiowa	5.6	16.8	5.0	10.8	11.5	9.8
Labette	20.8	19.2	18.1	20.3	17.2	19.1
Lane	7.9	8.5	0.0	19.0	0.0	7.2
Leavenworth	16.3	13.0	13.9	13.3	11.3	13.6
Lincoln	5.0	0.0	10.3	4.9	0.0	4.0
Linn	16.8	16.8	30.8	14.1	14.2	18.6
Logan	13.1	12.7	12.4	12.3	5.5	11.0

Table 5. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-19 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Lyon	20.8	19.6	12.1	16.0	11.8	16.0
McPherson	9.7	13.3	11.5	10.6	5.8	10.1
Marion	6.5	9.9	6.4	8.8	6.4	7.9
Marshall	13.7	11.8	6.7	11.5	1.6	9.0
Meade	19.8	16.4	18.0	20.8	3.4	15.9
Miami	11.8	10.1	11.8	10.3	16.1	12.0
Mitchell	15.6	10.6	18.0	20.8	7.9	14.7
Montgomery	23.5	18.5	21.9	15.3	10.5	18.0
Morris	15.6	9.4	12.5	9.8	10.0	11.5
Morton	12.2	12.8	13.1	14.7	31.7	16.3
Nemaha	18.3	14.4	12.9	5.9	10.6	12.5
Neosho	15.0	19.2	21.4	15.9	15.7	17.4
Ness	5.3	25.9	21.4	28.2	0.0	16.4
Norton	23.6	21.3	14.5	10.5	7.1	15.5
Osage	11.9	14.3	11.5	12.6	13.1	12.7
Osborne	33.5	28.7	5.2	5.5	10.8	17.4
Ottawa	7.4	5.2	5.6	14.8	0.0	6.6
Pawnee	11.2	27.7	16.1	10.4	25.5	18.0
Phillips	5.3	16.1	14.5	8.6	2.9	9.5
Pottawatomie	5.9	8.1	6.3	8.5	6.8	7.1
Pratt	15.4	19.2	27.8	14.8	15.3	18.5
Rawlins	21.9	7.3	31.5	16.0	7.9	16.8
Reno	18.7	16.5	15.1	12.4	14.2	15.4
Republic	15.8	4.0	8.4	15.7	8.2	10.5
Rice	23.9	10.3	10.4	19.0	18.2	16.4
Riley	13.1	11.4	13.0	10.1	11.1	11.7
Rooks	9.5	6.2	12.4	3.1	12.7	8.8
Rush	5.8	5.7	5.9	6.4	5.7	5.9
Russell	17.9	10.4	10.8	11.0	10.7	12.2
Saline	22.5	16.9	17.1	13.9	14.9	17.1
Scott	17.6	16.1	5.9	11.8	5.7	11.5
Sedgwick	22.1	19.5	16.5	16.6	16.3	18.2
Seward	31.6	32.3	28.4	24.0	23.5	28.0
Shawnee	21.5	19.3	18.4	14.9	13.7	17.6
Sheridan	12.7	6.1	0.0	12.0	12.2	8.5
Sherman	21.4	27.2	20.3	2.7	15.9	17.4
Smith	9.3	0.0	9.9	4.8	14.5	7.7
Stafford	16.4	15.6	53.0	20.8	8.1	23.1
Stanton	13.9	21.1	21.9	0.0	12.8	13.8
Stevens	27.8	20.4	12.8	9.1	6.5	15.2
Sumner	15.6	7.9	17.8	11.6	9.9	12.6
Thomas	16.7	20.3	11.9	19.0	10.4	15.7
Trego	11.7	0.0	20.5	21.0	20.7	14.4
Wabaunsee	19.4	13.3	6.8	9.1	6.9	11.2
Wallace	8.8	0.0	0.0	0.0	0.0	1.8
Washington	2.9	0.0	3.0	8.6	3.2	3.6
Wichita	7.6	7.0	21.3	6.7	6.3	9.7
Wilson	13.5	15.0	8.7	21.4	15.7	14.8
Woodson	0.0	26.2	27.2	24.6	26.2	20.6
Wvandonette	31.8	29.4	28.6	24.8	22.6	27.4
Kansas	17.1	16.0	14.8	12.9	12.7	14.7

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public He

Kansas Department of Health and Environment

Created: 8/25/2017

Table 6  
Pregnancy\* Numbers and Rates† and Birth Rates  
by Year by Selected Population Groups  
Females Aged 15-17 Years, Kansas, 1998-2017

Year	Number of Pregnancies			Pregnancy Rate			Birth Rate		
	Non-Hispanic	Non-Hispanic	Hispanic	Non-Hispanic	Non-Hispanic	Hispanic	Non-Hispanic	Non-Hispanic	Hispanic
1998	1,399	295	306	27.6	71.0	69.9	18.8	56.1	61.0
1999	1,264	309	336	25.1	74.3	73.9	17.7	58.9	68.0
2000	1,138	271	361	23.0	64.6	75.0	16.3	50.5	66.1
2001	1,160	246	350	23.6	58.2	70.3	16.4	45.6	65.5
2002	1,043	239	346	21.7	54.7	67.9	14.8	42.3	64.2
2003	913	256	342	19.3	58.5	65.9	13.7	41.6	60.5
2004	868	227	338	18.7	52.2	64.5	14.1	40.5	58.8
2005	806	234	360	17.5	52.2	65.7	12.7	38.8	58.2
2006	832	216	378	17.8	46.6	63.0	12.9	33.2	56.6
2007	820	189	475	17.9	39.6	76.2	13.5	32.4	69.8
2008	815	224	443	18.4	47.6	69.8	14.1	37.2	64.7
2009	757	160	416	17.5	34.2	64.3	13.5	26.5	60.4
2010	644	175	394	15.3	45.1	50.1	12.6	35.6	47.7
2011	536	113	344	12.6	23.9	42.3	10.3	19.3	38.5
2012	508	106	298	12.1	22.7	35.9	10.0	17.7	34.0
2013	496	123	288	11.8	26.6	32.7	8.2	16.4	29.0
2014	401	78	246	9.7	16.7	27.1	8.0	14.2	25.8
2015	308	82	236	7.4	17.6	24.7	6.3	14.2	22.7
2016	305	79	228	7.4	17.0	23.6	6.2	15.0	21.1
2017	255	79	177	6.3	17.1	17.8	5.0	14.1	15.3

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 7  
Pregnancy\* Numbers and Rates† and Birth Rates  
by Year by Selected Population Groups  
Females Aged 18-19 Years, Kansas, 1998-2017

Year	Number of Pregnancies			Pregnancy Rate			Birth Rate		
	White Non- Hispanic	Black Non- Hispanic	Hispanic	White Non- Hispanic	Black Non- Hispanic	Hispanic	White Non- Hispanic	Black Non- Hispanic	Hispanic
1998	3,020	572	532	92.0	203.6	174.7	70.2	156.9	146.8
1999	3,098	569	543	92.3	200.7	160.7	72.2	156.6	144.5
2000	2,896	529	599	86.7	187.1	171.0	68.9	143.2	145.3
2001	2,711	473	557	81.2	174.2	166.9	63.9	130.7	147.7
2002	2,609	483	581	77.8	175.3	171.5	61.1	128.4	152.3
2003	2,407	408	609	72.5	145.4	173.2	58.4	112.2	156.7
2004	2,308	419	612	69.8	149.3	172.4	55.4	116.9	153.3
2005	2,282	389	647	70.4	138.2	181.3	57.7	110.1	162.3
2006	2,234	457	748	71.8	160.8	215.1	58.0	127.7	188.4
2007	2,293	453	711	73.7	153.1	199.9	60.6	116.6	178.6
2008	2,330	457	767	74.6	147.6	210.8	61.8	117.2	189.1
2009	2,170	467	744	68.6	152.0	176.5	58.9	126.0	158.9
2010	1,895	357	720	63.9	125.8	139.6	56.0	103.3	126.4
2011	1,747	338	700	57.0	102.8	130.4	49.5	90.6	120.2
2012	1,694	297	655	58.3	88.3	120.0	51.0	75.8	110.3
2013	1,437	266	596	50.0	81.2	107.4	43.2	68.4	100.4
2014	1,336	239	562	46.9	73.5	99.6	40.5	63.3	88.8
2015	1,269	215	543	45.4	68.2	92.2	39.9	55.5	83.2
2016	1,061	181	485	38.5	59.7	79.2	32.9	49.2	69.4
2017	1,071	203	490	39.1	66.8	80.0	32.9	53.0	69.9

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Created: 8/8/2018

Table 8. Pregnancy\* Numbers and Rates†and Birth Rates by County of Residence and Peer Group by Component, Aged 10-17 Years, Kansas, 2017

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Allen	5	0	0	5	7.5	7.5
Anderson	0	0	0	0	0.0	0.0
Atchison	2	0	0	2	2.3	2.3
Barber	0	0	0	0	0.0	0.0
Barton	5	0	1	6	4.2	3.5
Bourbon	4	0	0	4	4.6	4.6
Brown	2	0	0	2	3.7	3.7
Butler	7	0	2	9	2.1	1.7
Chase	0	0	0	0	0.0	0.0
Chautauqua	0	0	0	0	0.0	0.0
Cherokee	2	0	1	3	2.7	1.8
Cheyenne	0	0	0	0	0.0	0.0
Clark	1	0	0	1	8.3	8.3
Clay	0	0	0	0	0.0	0.0
Cloud	0	0	0	0	0.0	0.0
Coffey	2	0	0	2	4.7	4.7
Comanche	0	0	0	0	0.0	0.0
Cowley	6	0	0	6	3.3	3.3
Crawford	7	0	0	7	3.8	3.8
Decatur	0	0	0	0	0.0	0.0
Dickinson	3	0	0	3	2.9	2.9
Doniphan	0	0	0	0	0.0	0.0
Douglas	13	0	4	17	3.6	2.7
Edwards	1	0	0	1	6.4	6.4
Elk	0	0	0	0	0.0	0.0
Ellis	4	0	0	4	3.2	3.2
Ellsworth	0	0	0	0	0.0	0.0
Finney	9	0	1	10	4.3	3.9
Ford	19	0	3	22	10.7	9.2
Franklin	5	0	2	7	4.9	3.5
Geary	5	0	2	7	4.4	3.1
Gove	0	0	0	0	0.0	0.0
Graham	0	0	0	0	0.0	0.0
Grant	3	0	2	5	9.6	5.7
Gray	0	0	0	0	0.0	0.0
Greeley	1	0	0	1	13.9	13.9
Greenwood	0	0	0	0	0.0	0.0
Hamilton	0	0	0	0	0.0	0.0
Harper	3	0	0	3	10.6	10.6
Harvey	10	0	1	11	5.8	5.3
Haskell	0	0	0	0	0.0	0.0
Hodgeman	0	0	0	0	0.0	0.0
Jackson	3	0	0	3	4.1	4.1
Jefferson	1	0	1	2	1.9	1.0
Jewell	0	0	0	0	0.0	0.0
Johnson	32	0	17	49	1.5	1.0
Kearny	0	0	0	0	0.0	0.0
Kingman	1	0	0	1	2.5	2.5
Kiowa	2	0	0	2	16.4	16.4
Labette	1	0	0	1	1.0	1.0
Lane	0	0	0	0	0.0	0.0
Leavenworth	7	0	1	8	1.9	1.7
Lincoln	0	0	0	0	0.0	0.0
Linn	0	0	1	1	1.9	0.0
Logan	1	0	0	1	6.4	6.4

Table 8. Pregnancy\* Numbers and Rates†and Birth Rates by County of Residence and Peer Group by Component, Aged 10-17 Years, Kansas, 2017

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate‡
Lyon	4	0	0	4	2.4	2.4
McPherson	2	0	0	2	1.3	1.3
Marion	0	0	0	0	0.0	0.0
Marshall	0	0	0	0	0.0	0.0
Meade	0	0	0	0	0.0	0.0
Miami	5	0	2	7	3.5	2.5
Mitchell	0	0	0	0	0.0	0.0
Montgomery	4	0	0	4	2.4	2.4
Morris	0	0	0	0	0.0	0.0
Morton	1	0	0	1	6.3	6.3
Nemaha	3	0	0	3	5.5	5.5
Neosho	3	0	0	3	3.4	3.4
Ness	0	0	0	0	0.0	0.0
Norton	0	0	0	0	0.0	0.0
Osage	3	0	1	4	4.7	3.5
Osborne	0	0	0	0	0.0	0.0
Ottawa	0	0	0	0	0.0	0.0
Pawnee	2	0	0	2	8.8	8.8
Phillips	0	0	0	0	0.0	0.0
Pottawatomie	3	0	0	3	2.0	2.0
Pratt	1	0	0	1	2.2	2.2
Rawlins	1	0	0	1	9.4	9.4
Reno	6	0	3	9	2.7	1.8
Republic	0	0	0	0	0.0	0.0
Rice	1	0	2	3	6.1	2.0
Riley	5	0	1	6	2.6	2.2
Rooks	2	0	0	2	7.4	7.4
Rush	0	0	0	0	0.0	0.0
Russell	2	0	0	2	6.4	6.4
Saline	10	0	1	11	4.0	3.6
Scott	0	0	0	0	0.0	0.0
Sedgwick	132	2	30	164	5.7	4.6
Seward	11	0	3	14	10.0	7.8
Shawnee	32	0	4	36	3.8	3.4
Sheridan	0	0	0	0	0.0	0.0
Sherman	1	0	0	1	3.2	3.2
Smith	1	0	0	1	5.8	5.8
Stafford	0	0	0	0	0.0	0.0
Stanton	1	0	0	1	8.3	8.3
Stevens	1	0	0	1	2.4	2.4
Sumner	2	0	0	2	1.6	1.6
Thomas	0	0	0	0	0.0	0.0
Trego	1	0	0	1	8.0	8.0
Wabaunsee	0	0	0	0	0.0	0.0
Wallace	0	0	0	0	0.0	0.0
Washington	0	0	0	0	0.0	0.0
Wichita	0	0	0	0	0.0	0.0
Wilson	1	0	0	1	2.1	2.1
Woodson	0	0	0	0	0.0	0.0
Wyandotte	63	2	7	72	7.5	6.6
n.s. ‡	0	0	7	7	n/a	n/a
<b>Kansas</b>	<b>471</b>	<b>4</b>	<b>100</b>	<b>575</b>	<b>3.7</b>	<b>3.0</b>
<b>Peer Group</b>						
Frontier	14	0	0	14	2.5	2.5
Rural	24	0	5	29	2.2	1.8
Densely-Settled Rural	90	0	11	101	4.1	3.6
Semi-Urban	64	0	14	78	3.4	2.8
Urban	279	4	63	346	3.9	3.1

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

‡ n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Created: 8/8/2018

Table 9. Pregnancies\* by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	Teenage Pregnancies 2013-2017
Allen	7	0	6	5	5	23
Anderson	1	1	1	1	0	4
Atchison	4	7	0	4	2	15
Barber	0	1	1	0	0	2
Barton	9	5	4	12	6	30
Bourbon	9	9	1	6	4	25
Brown	4	2	1	1	2	8
Butler	17	18	15	8	9	58
Chase	0	1	0	0	0	1
Chautauqua	1	0	1	1	0	3
Cherokee	11	17	3	5	3	36
Cheyenne	2	0	2	1	0	5
Clark	0	0	0	1	1	1
Clay	1	0	2	1	0	4
Cloud	3	2	3	0	0	8
Coffey	1	3	1	0	2	5
Comanche	0	1	0	0	0	1
Cowley	11	10	11	12	6	44
Crawford	11	12	12	9	7	44
Decatur	0	1	0	1	0	2
Dickinson	2	3	1	2	3	8
Doniphan	1	0	0	0	0	1
Douglas	14	16	13	14	17	57
Edwards	0	0	0	1	1	1
Elk	1	0	0	0	0	1
Ellis	7	7	3	3	4	20
Ellsworth	1	1	0	0	0	2
Finney	25	19	18	11	10	73
Ford	21	22	30	17	22	90
Franklin	6	6	10	4	7	26
Geary	8	12	11	10	7	41
Gove	0	0	0	0	0	0
Graham	1	1	0	0	0	2
Grant	8	10	6	3	5	27
Gray	2	0	0	1	0	3
Greeley	0	0	0	2	1	2
Greenwood	3	4	1	2	0	10
Hamilton	0	1	1	2	0	4
Harper	0	1	0	1	3	2
Harvey	10	7	7	16	11	40
Haskell	4	0	2	1	0	7
Hodgeman	0	0	0	0	0	0
Jackson	3	4	4	1	3	12
Jefferson	2	2	2	2	2	8
Jewell	0	0	1	0	0	1
Johnson	64	78	64	48	49	254
Kearny	3	2	2	0	0	7
Kingman	2	2	2	2	1	8
Kiowa	0	0	0	1	2	1
Labette	9	6	4	4	1	23
Lane	1	0	0	1	0	2
Leavenworth	28	18	15	16	8	77
Lincoln	1	0	1	0	0	2
Linn	7	2	5	3	1	17
Logan	1	0	0	0	1	1

Table 9. Pregnancies\* by County of Residence by Year  
 Females Aged 10-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	Teenage Pregnancies 2013-2017
Lyon	17	14	8	8	4	47
McPherson	4	3	4	2	2	13
Marion	4	3	1	3	0	11
Marshall	1	2	0	0	0	3
Meade	1	3	1	2	0	7
Miami	4	6	7	12	7	29
Mitchell	0	1	1	0	0	2
Montgomery	11	6	14	9	4	40
Morris	1	0	0	2	0	3
Morton	2	1	1	0	1	4
Nemaha	3	2	3	1	3	9
Neosho	2	5	6	5	3	18
Ness	0	0	2	2	0	4
Norton	1	2	0	0	0	3
Osage	2	3	0	3	4	8
Osborne	0	1	0	0	0	1
Ottawa	0	1	0	0	0	1
Pawnee	3	1	0	0	2	4
Phillips	0	3	2	2	0	7
Pottawatomie	3	5	1	6	3	15
Pratt	1	3	1	1	1	6
Rawlins	0	0	0	0	1	0
Reno	18	19	15	8	9	60
Republic	1	1	1	1	0	4
Rice	6	2	1	3	3	12
Riley	7	8	5	7	6	27
Rooks	1	1	0	0	2	2
Rush	0	1	0	0	0	1
Russell	2	2	0	0	2	4
Saline	28	16	17	13	11	74
Scott	1	3	0	1	0	5
Sedgwick	213	182	154	187	164	736
Seward	20	17	11	12	14	60
Shawnee	70	63	59	50	36	242
Sheridan	1	0	0	0	0	1
Sherman	2	5	1	0	1	8
Smith	0	0	0	0	1	0
Stafford	0	1	1	0	0	2
Stanton	0	1	1	0	1	2
Stevens	5	2	3	1	1	11
Sumner	6	4	3	3	2	16
Thomas	2	1	2	2	0	7
Trego	0	0	0	0	1	0
Wabaunsee	1	2	1	1	0	5
Wallace	0	0	0	0	0	0
Washington	0	0	0	1	0	1
Wichita	1	0	1	0	0	2
Wilson	1	3	0	5	1	10
Woodson	0	2	2	1	0	5
Wyandotte	109	103	97	88	72	469
n.s.†	0	0	1	1	7	9
Kansas	882	818	695	679	575	3,649

\*Pregnancies include the sum of live births, stillbirths and abortions.

†n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 10. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Allen	10.9	0.0	9.4	7.7	7.5	7.1
Anderson	2.3	2.2	2.3	2.3	0.0	1.8
Atchison	4.7	8.5	0.0	4.8	2.3	4.1
Barber	0.0	4.6	4.8	0.0	0.0	1.8
Barton	6.3	3.6	2.9	8.6	4.2	5.1
Bourbon	11.4	11.5	1.2	7.5	4.6	7.2
Brown	7.7	3.7	1.9	1.9	3.7	3.8
Butler	4.1	4.3	3.6	1.9	2.1	3.2
Chase	0.0	6.4	0.0	0.0	0.0	1.4
Chautauqua	6.6	0.0	6.3	6.3	0.0	3.9
Cherokee	9.0	14.3	2.6	4.5	2.7	6.7
Cheyenne	18.7	0.0	16.0	8.5	0.0	8.7
Clark	0.0	0.0	0.0	7.4	8.3	3.1
Clay	2.4	0.0	4.8	2.4	0.0	1.9
Cloud	6.7	4.4	7.0	0.0	0.0	3.7
Coffey	2.1	6.4	2.2	0.0	4.7	3.1
Comanche	0.0	7.8	0.0	0.0	0.0	1.8
Cowley	5.7	5.3	5.9	6.4	3.3	5.3
Crawford	6.0	6.5	6.6	4.9	3.8	5.6
Decatur	0.0	7.4	0.0	8.1	0.0	3.1
Dickinson	1.9	2.8	0.9	1.9	2.9	2.1
Doniphan	2.7	0.0	0.0	0.0	0.0	0.6
Douglas	3.0	3.4	2.7	3.0	3.6	3.1
Edwards	0.0	0.0	0.0	5.7	6.4	2.4
Elk	8.1	0.0	0.0	0.0	0.0	1.7
Ellis	5.8	5.8	2.5	2.4	3.2	3.9
Ellsworth	4.4	4.5	0.0	0.0	0.0	1.7
Finney	10.5	8.2	7.7	4.7	4.3	7.1
Ford	9.9	10.7	14.9	8.4	10.7	10.9
Franklin	4.3	4.3	7.0	2.8	4.9	4.7
Geary	4.4	7.0	6.1	5.9	4.4	5.6
Gove	0.0	0.0	0.0	0.0	0.0	0.0
Graham	8.5	9.9	0.0	0.0	0.0	3.6
Grant	14.6	18.6	11.4	5.8	9.6	12.1
Gray	4.7	0.0	0.0	2.4	0.0	1.4
Greeley	0.0	0.0	0.0	27.4	13.9	8.5
Greenwood	9.6	13.1	3.3	6.7	0.0	6.6
Hamilton	0.0	5.8	6.7	13.1	0.0	5.2
Harper	0.0	3.7	0.0	3.7	10.6	3.7
Harvey	5.3	3.7	3.6	8.4	5.8	5.3
Haskell	14.4	0.0	7.3	3.8	0.0	5.3
Hodgeman	0.0	0.0	0.0	0.0	0.0	0.0
Jackson	3.9	5.2	5.3	1.3	4.1	3.9
Jefferson	1.9	1.9	1.9	1.9	1.9	1.9
Jewell	0.0	0.0	8.5	0.0	0.0	1.7
Johnson	2.0	2.4	2.0	1.5	1.5	1.9
Kearny	13.1	8.4	8.1	0.0	0.0	5.9
Kingman	4.5	4.9	4.8	4.8	2.5	4.3
Kiowa	0.0	0.0	0.0	7.6	16.4	4.8
Labette	8.8	5.8	3.9	3.8	1.0	4.7
Lane	9.4	0.0	0.0	11.9	0.0	4.4
Leavenworth	6.8	4.3	3.6	3.8	1.9	4.1
Lincoln	5.8	0.0	5.9	0.0	0.0	2.3
Linn	12.3	3.6	8.9	5.5	1.9	6.5
Logan	7.8	0.0	0.0	0.0	6.4	2.9

Table 10. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 10-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Lyon	10.7	8.9	5.0	4.8	2.4	6.3
McPherson	2.5	1.9	2.6	1.3	1.3	1.9
Marion	6.7	4.7	1.7	4.9	0.0	3.6
Marshall	2.0	3.9	0.0	0.0	0.0	1.2
Meade	3.4	10.0	3.7	8.6	0.0	5.3
Miami	2.0	3.0	3.5	6.1	3.5	3.6
Mitchell	0.0	3.1	3.1	0.0	0.0	1.3
Montgomery	6.6	3.6	8.6	5.5	2.4	5.3
Morris	3.7	0.0	0.0	7.9	0.0	2.3
Morton	9.7	5.3	5.2	0.0	6.3	5.5
Nemaha	5.0	3.4	5.0	1.8	5.5	4.1
Neosho	2.2	5.8	7.0	5.7	3.4	4.8
Ness	0.0	0.0	12.7	13.7	0.0	5.2
Norton	4.1	8.3	0.0	0.0	0.0	2.5
Osage	2.1	3.4	0.0	3.5	4.7	2.7
Osborne	0.0	6.0	0.0	0.0	0.0	1.2
Ottawa	0.0	3.3	0.0	0.0	0.0	0.7
Pawnee	10.0	3.6	0.0	0.0	8.8	4.7
Phillips	0.0	9.7	6.9	6.7	0.0	4.6
Pottawatomie	2.1	3.4	0.7	4.0	2.0	2.4
Pratt	2.0	6.3	2.2	2.2	2.2	3.0
Rawlins	0.0	0.0	0.0	0.0	9.4	1.9
Reno	5.4	5.8	4.5	2.4	2.7	4.2
Republic	4.7	4.8	4.9	4.7	0.0	3.8
Rice	12.2	3.9	2.0	6.0	6.1	6.0
Riley	3.1	3.7	2.2	3.1	2.6	2.9
Rooks	3.8	3.6	0.0	0.0	7.4	2.9
Rush	0.0	6.7	0.0	0.0	0.0	1.4
Russell	6.3	6.2	0.0	0.0	6.4	3.8
Saline	9.8	5.6	6.0	4.6	4.0	6.0
Scott	3.4	9.2	0.0	3.4	0.0	3.3
Sedgwick	7.5	6.4	5.4	6.5	5.7	6.3
Seward	14.0	12.0	7.5	8.3	10.0	10.3
Shawnee	7.4	6.7	6.3	5.3	3.8	5.9
Sheridan	7.5	0.0	0.0	0.0	0.0	1.4
Sherman	6.3	16.2	3.5	0.0	3.2	5.9
Smith	0.0	0.0	0.0	0.0	5.8	1.2
Stafford	0.0	4.7	4.7	0.0	0.0	1.9
Stanton	0.0	7.9	8.4	0.0	8.3	5.0
Stevens	13.6	5.4	7.7	2.7	2.4	6.2
Sumner	4.3	2.9	2.2	2.3	1.6	2.7
Thomas	4.9	2.6	5.2	5.3	0.0	3.6
Trego	0.0	0.0	0.0	0.0	8.0	1.6
Wabaunsee	2.5	5.2	2.7	2.7	0.0	2.6
Wallace	0.0	0.0	0.0	0.0	0.0	0.0
Washington	0.0	0.0	0.0	3.5	0.0	0.7
Wichita	8.6	0.0	8.2	0.0	0.0	3.2
Wilson	2.0	5.8	0.0	10.5	2.1	4.0
Woodson	0.0	12.2	13.1	5.7	0.0	6.0
Wyandotte	12.0	11.0	10.4	9.4	7.5	10.0
Kansas	5.7	5.3	4.5	4.4	3.7	4.7

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 11. Pregnancy\* Numbers and Rates†and Birth Rates by County of Residence and Peer Group by Component, Aged 15-17 Years, Kansas, 2017

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Allen	5	0	0	5	20.1	20.1
Anderson	0	0	0	0	0.0	0.0
Atchison	2	0	0	2	6.3	6.3
Barber	0	0	0	0	0.0	0.0
Barton	5	0	1	6	11.8	9.9
Bourbon	4	0	0	4	13.3	13.3
Brown	2	0	0	2	10.4	10.4
Butler	7	0	2	9	5.9	4.6
Chase	0	0	0	0	0.0	0.0
Chautauqua	0	0	0	0	0.0	0.0
Cherokee	2	0	1	3	7.6	5.1
Cheyenne	0	0	0	0	0.0	0.0
Clark	1	0	0	1	21.7	21.7
Clay	0	0	0	0	0.0	0.0
Cloud	0	0	0	0	0.0	0.0
Coffey	2	0	0	2	11.7	11.7
Comanche	0	0	0	0	0.0	0.0
Cowley	6	0	0	6	8.6	8.6
Crawford	7	0	0	7	10.4	10.4
Decatur	0	0	0	0	0.0	0.0
Dickinson	3	0	0	3	7.4	7.4
Doniphan	0	0	0	0	0.0	0.0
Douglas	13	0	4	17	9.4	7.2
Edwards	1	0	0	1	16.7	16.7
Elk	0	0	0	0	0.0	0.0
Ellis	4	0	0	4	9.1	9.1
Ellsworth	0	0	0	0	0.0	0.0
Finney	6	0	1	7	7.9	6.8
Ford	19	0	2	21	28.8	26.1
Franklin	5	0	2	7	12.8	9.1
Geary	5	0	1	6	11.4	9.5
Gove	0	0	0	0	0.0	0.0
Graham	0	0	0	0	0.0	0.0
Grant	3	0	2	5	24.6	14.8
Gray	0	0	0	0	0.0	0.0
Greeley	1	0	0	1	58.8	58.8
Greenwood	0	0	0	0	0.0	0.0
Hamilton	0	0	0	0	0.0	0.0
Harper	3	0	0	3	30.3	30.3
Harvey	10	0	1	11	15.7	14.3
Haskell	0	0	0	0	0.0	0.0
Hodgeman	0	0	0	0	0.0	0.0
Jackson	3	0	0	3	10.5	10.5
Jefferson	1	0	1	2	5.1	2.5
Jewell	0	0	0	0	0.0	0.0
Johnson	32	0	16	48	3.9	2.6
Kearny	0	0	0	0	0.0	0.0
Kingman	1	0	0	1	5.9	5.9
Kiowa	2	0	0	2	39.2	39.2
Labette	1	0	0	1	2.7	2.7
Lane	0	0	0	0	0.0	0.0
Leavenworth	7	0	0	7	4.6	4.6
Lincoln	0	0	0	0	0.0	0.0
Linn	0	0	1	1	5.2	0.0
Logan	1	0	0	1	18.2	18.2

Table 11. Pregnancy\* Numbers and Rates†and Birth Rates by County of Residence and Peer Group by Component, Aged 15-17 Years, Kansas, 2017

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†	Birth Rate†
Lyon	4	0	0	4	6.4	6.4
McPherson	2	0	0	2	3.4	3.4
Marion	0	0	0	0	0.0	0.0
Marshall	0	0	0	0	0.0	0.0
Meade	0	0	0	0	0.0	0.0
Miami	5	0	2	7	9.6	6.8
Mitchell	0	0	0	0	0.0	0.0
Montgomery	4	0	0	4	6.8	6.8
Morris	0	0	0	0	0.0	0.0
Morton	0	0	0	0	0.0	0.0
Nemaha	3	0	0	3	12.8	12.8
Neosho	3	0	0	3	9.2	9.2
Ness	0	0	0	0	0.0	0.0
Norton	0	0	0	0	0.0	0.0
Osage	3	0	1	4	12.1	9.1
Osborne	0	0	0	0	0.0	0.0
Ottawa	0	0	0	0	0.0	0.0
Pawnee	2	0	0	2	22.5	22.5
Phillips	0	0	0	0	0.0	0.0
Pottawatomie	3	0	0	3	5.5	5.5
Pratt	1	0	0	1	5.9	5.9
Rawlins	1	0	0	1	22.7	22.7
Reno	6	0	3	9	7.2	4.8
Republic	0	0	0	0	0.0	0.0
Rice	1	0	2	3	16.5	5.5
Riley	5	0	1	6	6.9	5.7
Rooks	2	0	0	2	18.3	18.3
Rush	0	0	0	0	0.0	0.0
Russell	2	0	0	2	18.0	18.0
Saline	10	0	1	11	11.1	10.1
Scott	0	0	0	0	0.0	0.0
Sedgwick	127	2	26	155	14.4	11.8
Seward	11	0	2	13	26.8	22.7
Shawnee	32	0	3	35	9.9	9.1
Sheridan	0	0	0	0	0.0	0.0
Sherman	1	0	0	1	8.8	8.8
Smith	1	0	0	1	14.7	14.7
Stafford	0	0	0	0	0.0	0.0
Stanton	1	0	0	1	19.6	19.6
Stevens	1	0	0	1	6.8	6.8
Sumner	2	0	0	2	4.0	4.0
Thomas	0	0	0	0	0.0	0.0
Trego	1	0	0	1	17.9	17.9
Wabaunsee	0	0	0	0	0.0	0.0
Wallace	0	0	0	0	0.0	0.0
Washington	0	0	0	0	0.0	0.0
Wichita	0	0	0	0	0.0	0.0
Wilson	1	0	0	1	5.6	5.6
Woodson	0	0	0	0	0.0	0.0
Wyandotte	59	2	7	68	20.3	17.6
n.s.‡	0	0	7	7	n/a	n/a
<b>Kansas</b>	<b>458</b>	<b>4</b>	<b>90</b>	<b>552</b>	<b>9.5</b>	<b>7.9</b>
<b>Peer Group</b>						
Frontier	13	0	0	13	6.2	6.2
Rural	24	0	5	29	6.4	5.3
Densely-Settled Rural	87	0	9	96	10.1	9.2
Semi-Urban	64	0	13	77	9.2	7.6
Urban	270	4	56	330	9.9	8.1

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

‡ n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 12. Pregnancies\* by County of Residence by Year  
 Females Aged 15-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	Teenage Pregnancies 2013-2017
Allen	7	0	6	4	5	22
Anderson	1	1	1	1	0	4
Atchison	4	7	0	4	2	17
Barber	0	1	1	0	0	2
Barton	9	5	4	11	6	35
Bourbon	8	9	1	6	4	28
Brown	4	2	1	1	2	10
Butler	15	18	15	8	9	65
Chase	0	1	0	0	0	1
Chautauqua	1	0	1	0	0	2
Cherokee	11	17	3	5	3	39
Cheyenne	1	0	2	1	0	4
Clark	0	0	0	1	1	2
Clay	1	0	2	1	0	4
Cloud	3	2	3	0	0	8
Coffey	1	3	1	0	2	7
Comanche	0	1	0	0	0	1
Cowley	11	10	11	12	6	50
Crawford	11	11	12	8	7	49
Decatur	0	1	0	1	0	2
Dickinson	2	3	1	2	3	11
Doniphan	1	0	0	0	0	1
Douglas	12	15	12	14	17	70
Edwards	0	0	0	1	1	2
Elk	1	0	0	0	0	1
Ellis	7	6	3	3	4	23
Ellsworth	0	1	0	0	0	1
Finney	25	19	17	11	7	79
Ford	20	22	30	17	21	110
Franklin	6	5	10	4	7	32
Geary	5	12	10	9	6	42
Gove	0	0	0	0	0	0
Graham	1	1	0	0	0	2
Grant	8	9	6	3	5	31
Gray	3	0	0	1	0	4
Greeley	0	0	0	2	1	3
Greenwood	3	4	1	2	0	10
Hamilton	0	1	1	2	0	4
Harper	0	1	0	1	3	5
Harvey	10	7	6	15	11	49
Haskell	4	0	2	1	0	7
Hodgeman	0	0	0	0	0	0
Jackson	3	4	4	1	3	15
Jefferson	2	2	2	2	2	10
Jewell	0	0	1	0	0	1
Johnson	60	73	64	46	48	291
Kearny	3	2	2	0	0	7
Kingman	2	2	2	2	1	9
Kiowa	0	0	0	1	2	3
Labette	8	6	4	4	1	23
Lane	1	0	0	1	0	2
Leavenworth	27	18	13	16	7	81
Lincoln	1	0	1	0	0	2
Linn	7	2	5	3	1	18
Logan	1	0	0	0	1	2

Table 12. Pregnancies\* by County of Residence by Year  
Females Aged 15-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	Teenage Pregnancies 2013-2017
Lyon	14	13	6	6	4	43
McPherson	4	3	1	2	2	12
Marion	4	3	0	3	0	10
Marshall	1	2	4	0	0	7
Meade	1	3	1	2	0	7
Miami	4	6	7	12	7	36
Mitchell	0	1	1	0	0	2
Montgomery	10	6	13	9	4	42
Morris	1	0	0	2	0	3
Morton	3	1	1	0	0	5
Nemaha	2	2	3	1	3	11
Neosho	2	5	6	5	3	21
Ness	0	0	2	2	0	4
Norton	1	2	0	0	0	3
Osage	2	3	0	3	4	12
Osborne	0	1	0	0	0	1
Ottawa	0	1	0	0	0	1
Pawnee	2	1	0	0	2	5
Phillips	0	1	2	2	0	5
Pottawatomie	3	5	1	6	3	18
Pratt	1	3	1	1	1	7
Rawlins	0	0	0	0	1	1
Reno	18	19	14	6	9	66
Republic	1	1	1	0	0	3
Rice	6	2	1	3	3	15
Riley	7	8	5	7	6	33
Rooks	0	1	0	0	2	3
Rush	0	1	0	0	0	1
Russell	1	2	0	0	2	5
Saline	28	16	16	12	11	83
Scott	1	3	0	1	0	5
Sedgwick	205	170	151	182	155	863
Seward	19	17	11	12	13	72
Shawnee	70	62	57	47	35	271
Sheridan	1	0	0	0	0	1
Sherman	2	4	0	0	1	7
Smith	0	0	0	0	1	1
Stafford	0	1	1	0	0	2
Stanton	0	1	1	0	1	3
Stevens	4	2	3	1	1	11
Sumner	6	4	3	3	2	18
Thomas	2	1	2	2	0	7
Trego	0	0	0	0	1	1
Wabaunsee	1	2	0	0	0	3
Wallace	0	0	0	0	0	0
Washington	0	0	0	1	0	1
Wichita	1	0	1	0	0	2
Wilson	1	2	0	5	1	9
Woodson	0	2	2	1	0	5
Wyandotte	101	96	93	82	68	440
n.s.†	0	0	1	0	7	8
Kansas	841	783	673	649	552	3,498

\*Pregnancies include the sum of live births, stillbirths and abortions.

†n.s.: Not Stated

Residence data

Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Created: 8/8/2018

Table 13. Pregnancy\* Rates† by County of Residence by Year  
 Females Aged 15-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Allen	29.7	0.0	26.3	17.4	20.1	18.8
Anderson	6.4	6.2	6.5	6.5	0.0	5.1
Atchison	12.2	22.7	0.0	12.9	6.3	10.7
Barber	0.0	12.2	12.5	0.0	0.0	5.0
Barton	16.2	9.3	7.5	21.2	11.8	13.2
Bourbon	25.7	30.2	3.4	21.1	13.3	18.8
Brown	20.5	11.0	5.5	5.4	10.4	10.7
Butler	9.7	11.1	9.0	4.9	5.9	8.1
Chase	0.0	16.4	0.0	0.0	0.0	3.4
Chautauqua	16.1	0.0	18.2	0.0	0.0	6.9
Cherokee	23.4	36.8	6.7	11.9	7.6	17.8
Cheyenne	27.8	0.0	41.7	25.0	0.0	18.8
Clark	0.0	0.0	0.0	19.2	21.7	8.3
Clay	6.2	0.0	12.1	6.5	0.0	5.1
Cloud	17.8	11.9	19.1	0.0	0.0	10.1
Coffey	4.9	16.5	5.9	0.0	11.7	7.9
Comanche	0.0	18.9	0.0	0.0	0.0	4.3
Cowley	14.7	13.9	15.3	17.0	8.6	13.9
Crawford	16.7	15.3	16.7	11.1	10.4	14.0
Decatur	0.0	20.0	0.0	20.8	0.0	8.1
Dickinson	5.2	7.6	2.4	4.9	7.4	5.5
Doniphan	6.7	0.0	0.0	0.0	0.0	1.5
Douglas	7.2	8.9	7.0	7.9	9.4	8.1
Edwards	0.0	0.0	0.0	14.5	16.7	6.2
Elk	19.6	0.0	0.0	0.0	0.0	4.6
Ellis	16.2	14.4	6.9	6.7	9.1	10.6
Ellsworth	0.0	11.8	0.0	0.0	0.0	2.3
Finney	27.4	20.7	18.4	11.9	7.9	17.3
Ford	25.8	29.3	39.4	22.6	28.8	29.2
Franklin	11.9	9.9	18.2	7.4	12.8	12.1
Geary	8.3	21.5	16.9	15.7	11.4	14.7
Gove	0.0	0.0	0.0	0.0	0.0	0.0
Graham	20.4	24.4	0.0	0.0	0.0	9.3
Grant	40.4	42.9	29.6	14.6	24.6	30.4
Gray	18.6	0.0	0.0	6.4	0.0	5.1
Greeley	0.0	0.0	0.0	100.0	58.8	24.6
Greenwood	25.0	35.1	8.2	18.7	0.0	17.5
Hamilton	0.0	14.7	16.7	29.4	0.0	13.1
Harper	0.0	8.9	0.0	12.0	30.3	9.8
Harvey	13.8	9.7	7.9	21.3	15.7	13.6
Haskell	34.8	0.0	18.2	10.1	0.0	13.6
Hodgeman	0.0	0.0	0.0	0.0	0.0	0.0
Jackson	10.5	13.4	13.9	3.2	10.5	10.2
Jefferson	5.0	5.0	4.8	4.8	5.1	4.9
Jewell	0.0	0.0	19.2	0.0	0.0	4.1
Johnson	5.1	6.2	5.2	3.7	3.9	4.8
Kearny	30.3	22.2	20.8	0.0	0.0	15.7
Kingman	10.9	12.0	10.8	11.2	5.9	10.2
Kiowa	0.0	0.0	0.0	19.6	39.2	13.2
Labette	21.7	14.8	9.9	10.3	2.7	11.9
Lane	20.8	0.0	0.0	33.3	0.0	11.0
Leavenworth	18.4	11.6	8.4	10.4	4.6	10.6
Lincoln	17.5	0.0	16.1	0.0	0.0	6.2
Linn	30.7	9.1	23.9	15.5	5.2	17.2
Logan	22.7	0.0	0.0	0.0	18.2	8.7

Table 13. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 15-17 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Lyon	24.0	23.7	10.6	9.6	6.4	14.6
McPherson	6.6	5.2	1.7	3.5	3.4	4.1
Marion	17.3	11.8	0.0	13.2	0.0	8.6
Marshall	5.5	10.9	20.7	0.0	0.0	7.3
Meade	8.0	23.4	9.4	19.0	0.0	12.6
Miami	5.4	8.0	9.5	16.2	9.6	9.7
Mitchell	0.0	7.8	8.2	0.0	0.0	3.4
Montgomery	16.7	10.1	23.1	15.6	6.8	14.4
Morris	9.3	0.0	0.0	18.7	0.0	5.5
Morton	36.6	14.5	13.9	0.0	0.0	13.8
Nemaha	9.2	8.7	12.3	4.4	12.8	9.6
Neosho	6.1	15.8	18.0	14.8	9.2	12.8
Ness	0.0	0.0	35.1	33.3	0.0	13.2
Norton	11.1	21.5	0.0	0.0	0.0	6.9
Osage	5.3	8.7	0.0	9.5	12.1	7.1
Osborne	0.0	15.4	0.0	0.0	0.0	3.2
Ottawa	0.0	8.2	0.0	0.0	0.0	1.7
Pawnee	16.1	8.6	0.0	0.0	22.5	9.6
Phillips	0.0	8.9	15.7	13.7	0.0	8.1
Pottawatomie	5.7	9.4	1.9	10.6	5.5	6.6
Pratt	5.1	17.0	5.9	5.8	5.9	7.9
Rawlins	0.0	0.0	0.0	0.0	22.7	4.8
Reno	14.7	15.3	11.1	4.7	7.2	10.6
Republic	12.8	11.8	13.2	0.0	0.0	7.5
Rice	32.4	10.5	5.5	15.6	16.5	16.1
Riley	9.0	10.2	6.0	8.1	6.9	8.0
Rooks	0.0	10.1	0.0	0.0	18.3	6.1
Rush	0.0	19.6	0.0	0.0	0.0	3.7
Russell	8.3	15.6	0.0	0.0	18.0	8.4
Saline	25.8	14.6	14.6	11.7	11.1	15.7
Scott	10.5	28.0	0.0	8.0	0.0	8.8
Sedgwick	19.5	16.3	14.1	17.0	14.4	16.2
Seward	37.6	34.6	21.1	24.0	26.8	28.8
Shawnee	19.6	17.3	16.2	13.5	9.9	15.3
Sheridan	20.4	0.0	0.0	0.0	0.0	3.9
Sherman	16.4	31.5	0.0	0.0	8.8	11.8
Smith	0.0	0.0	0.0	0.0	14.7	3.0
Stafford	0.0	11.2	12.2	0.0	0.0	4.9
Stanton	0.0	20.0	17.9	0.0	19.6	12.3
Stevens	29.6	16.3	25.9	8.1	6.8	17.1
Sumner	11.5	8.0	6.0	6.0	4.0	7.1
Thomas	12.0	6.7	13.3	13.0	0.0	9.1
Trego	0.0	0.0	0.0	0.0	17.9	3.7
Wabaunsee	6.5	14.4	0.0	0.0	0.0	4.1
Wallace	0.0	0.0	0.0	0.0	0.0	0.0
Washington	0.0	0.0	0.0	9.4	0.0	1.8
Wichita	27.0	0.0	21.3	0.0	0.0	8.2
Wilson	5.0	9.9	0.0	27.3	5.6	9.4
Woodson	0.0	30.8	35.1	15.6	0.0	15.8
Wyandotte	30.2	28.2	27.8	24.8	20.3	26.3
Kansas	14.6	13.6	11.5	11.2	9.5	12.1

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 14. Pregnancy\* Numbers and Rates†, by County of Residence by Component  
 Females Aged 18-19 Years, Kansas, 2017

County of Residence	Live Births		Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate†
	N	Rate†				
Allen	7	37.4	0	0	7	37.4
Anderson	7	90.9	0	0	7	90.9
Atchison	10	23.6	0	0	10	23.6
Barber	2	54.1	0	0	2	54.1
Barton	17	50.9	1	3	21	62.9
Bourbon	11	62.5	0	3	14	79.5
Brown	12	144.6	0	0	12	144.6
Butler	43	47.0	1	3	47	51.4
Chase	0	0.0	0	0	0	0.0
Chautauqua	2	64.5	0	0	2	64.5
Cherokee	16	69.0	0	1	17	73.3
Cheyenne	0	0.0	0	0	0	0.0
Clark	0	0.0	0	0	0	0.0
Clay	3	37.5	0	0	3	37.5
Cloud	10	63.7	0	0	10	63.7
Coffey	3	36.6	0	1	4	48.8
Comanche	1	50.0	0	0	1	50.0
Cowley	28	48.6	0	2	30	52.1
Crawford	20	24.1	0	6	26	31.3
Decatur	2	83.3	0	0	2	83.3
Dickinson	5	27.5	0	1	6	33.0
Doniphan	1	6.0	0	2	3	18.0
Douglas	37	9.9	0	23	60	16.0
Edwards	0	0.0	0	0	0	0.0
Elk	1	52.6	0	0	1	52.6
Ellis	13	22.2	0	9	22	37.6
Ellsworth	2	43.5	0	0	2	43.5
Finney	42	71.8	0	2	44	75.2
Ford	44	98.0	0	3	47	104.7
Franklin	24	69.8	0	1	25	72.7
Geary	58	175.8	0	11	69	209.1
Gove	0	0.0	0	0	0	0.0
Graham	0	0.0	0	0	0	0.0
Grant	6	56.1	0	0	6	56.1
Gray	2	22.7	0	0	2	22.7
Greeley	2	125.0	0	0	2	125.0
Greenwood	4	71.4	0	0	4	71.4
Hamilton	1	28.6	0	0	1	28.6
Harper	5	108.7	0	0	5	108.7
Harvey	22	43.4	0	2	24	47.3
Haskell	2	37.7	0	2	4	75.5
Hodgeman	0	0.0	0	0	0	0.0
Jackson	11	74.8	0	0	11	74.8
Jefferson	11	60.4	0	1	12	65.9
Jewell	0	0.0	0	0	0	0.0
Johnson	102	16.8	1	35	138	22.7
Kearny	2	46.5	0	1	3	69.8
Kingman	1	12.7	0	0	1	12.7
Kiowa	0	0.0	0	0	0	0.0
Labette	20	102.0	0	0	20	102.0
Lane	0	0.0	0	0	0	0.0
Leavenworth	40	50.3	0	8	48	60.3
Lincoln	0	0.0	0	0	0	0.0
Linn	6	58.3	0	2	8	77.7
Logan	0	0.0	0	0	0	0.0

Table 14. Pregnancy\* Numbers and Rates†, by County of Residence by Component  
 Females Aged 18-19 Years, Kansas, 2017

County of Residence	Live Births		Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate‡
	N	Rate‡				
Lyon	21	27.2	0	4	25	32.3
McPherson	8	21.9	0	1	9	24.7
Marion	5	27.8	0	0	5	27.8
Marshall	1	10.4	0	0	1	10.4
Meade	1	16.9	0	0	1	16.9
Miami	25	69.4	0	6	31	86.1
Mitchell	2	29.9	0	1	3	44.8
Montgomery	18	42.1	0	0	18	42.1
Morris	3	62.5	0	0	3	62.5
Morton	5	161.3	0	0	5	161.3
Nemaha	4	35.4	0	0	4	35.4
Neosho	13	60.7	0	1	14	65.4
Ness	0	0.0	0	0	0	0.0
Norton	2	44.4	0	0	2	44.4
Osage	8	55.6	0	1	9	62.5
Osborne	2	74.1	0	0	2	74.1
Ottawa	0	0.0	0	0	0	0.0
Pawnee	4	85.1	1	0	5	106.4
Phillips	1	16.9	0	0	1	16.9
Pottawatomie	5	18.9	0	4	9	34.1
Pratt	6	46.5	0	2	8	62.0
Rawlins	0	0.0	0	0	0	0.0
Reno	48	62.5	0	1	49	63.8
Republic	2	46.5	0	0	2	46.5
Rice	8	46.8	0	1	9	52.6
Riley	39	14.2	0	11	50	18.2
Rooks	2	42.6	0	0	2	42.6
Rush	1	38.5	0	0	1	38.5
Russell	1	15.9	0	1	2	31.7
Saline	31	48.1	0	9	40	62.1
Scott	2	36.4	0	0	2	36.4
Sedgwick	347	59.2	1	55	403	68.7
Seward	25	74.4	0	2	27	80.4
Shawnee	101	48.6	0	21	122	58.7
Sheridan	2	105.3	0	0	2	105.3
Sherman	3	46.9	0	2	5	78.1
Smith	2	57.1	0	0	2	57.1
Stafford	1	25.0	1	0	2	50.0
Stanton	1	28.6	0	0	1	28.6
Stevens	2	41.7	0	0	2	41.7
Sumner	12	51.3	0	1	13	55.6
Thomas	6	31.7	0	0	6	31.7
Trego	2	100.0	0	0	2	100.0
Wabaunsee	3	43.5	0	0	3	43.5
Wallace	0	0.0	0	0	0	0.0
Washington	1	21.7	0	0	1	21.7
Wichita	1	52.6	0	0	1	52.6
Wilson	8	92.0	0	0	8	92.0
Woodson	4	121.2	0	1	5	151.5
Wyandotte	148	81.2	1	36	185	101.5
n.s.‡	0	n/a§	0	9	9	n/a§
Kansas	1595	41.1	7	292	1,894	48.9
Peer Group						
Frontier	40	49.3	1	3	59	52.9
Rural	124	47.2	0	14	140	52.4
Densely-Settled Rural	328	50.6	3	26	372	54.9
Semi-Urban	328	33.5	4	44	308	39.7
Urban	775	38.6	8	161	960	46.8

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

‡ n.s.: Not Stated; n/a: Not Applicable

Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

Created: 8/8/2018

Table 15. Pregnancies\* by County of Residence by Year  
 Females Aged 18-19 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	Teenage Pregnancies 2013-2017
Allen	4	10	11	10	7	42
Anderson	6	7	4	7	7	31
Atchison	22	16	15	14	10	77
Barber	4	7	3	3	2	19
Barton	23	33	28	14	21	119
Bourbon	15	23	19	16	14	87
Brown	8	12	10	5	12	47
Butler	39	43	39	32	47	200
Chase	1	0	1	2	0	4
Chautauqua	5	0	2	3	2	12
Cherokee	17	25	24	16	17	99
Cheyenne	2	1	3	3	0	9
Clark	2	0	2	1	0	5
Clay	7	8	5	4	3	27
Cloud	9	12	7	4	10	42
Coffey	3	5	4	5	4	21
Comanche	2	0	0	0	1	3
Cowley	44	41	30	27	30	172
Crawford	39	50	35	27	26	177
Decatur	6	4	1	0	2	13
Dickinson	10	15	16	12	6	59
Doniphan	9	4	0	5	3	21
Douglas	62	51	63	44	60	280
Edwards	1	3	1	2	0	7
Elk	2	3	1	2	1	9
Ellis	23	25	14	7	22	91
Ellsworth	2	1	2	2	2	9
Finney	59	59	62	52	44	276
Ford	50	52	48	33	47	230
Franklin	26	23	18	17	25	109
Geary	63	56	58	56	69	302
Gove	0	1	2	2	0	5
Graham	3	3	1	1	0	8
Grant	10	6	7	7	6	36
Gray	5	6	2	2	2	17
Greeley	0	0	2	0	2	4
Greenwood	5	6	5	2	4	22
Hamilton	5	1	2	0	1	9
Harper	7	6	6	2	5	26
Harvey	36	24	18	20	24	122
Haskell	4	7	5	3	4	23
Hodgeman	1	0	2	1	0	4
Jackson	11	11	11	8	11	52
Jefferson	6	6	17	11	12	52
Jewell	4	3	1	1	0	9
Johnson	231	225	198	161	138	953
Kearny	2	3	6	3	3	17
Kingman	7	1	4	2	1	15
Kiowa	1	3	1	1	0	6
Labette	17	18	18	21	20	94
Lane	0	1	0	1	0	2
Leavenworth	53	46	53	50	48	250
Lincoln	0	0	1	1	0	2
Linn	4	9	15	6	8	42
Logan	1	2	2	2	0	7

Table 15. Pregnancies\* by County of Residence by Year  
 Females Aged 18-19 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	Teenage Pregnancies 2013-2017
Lyon	33	33	21	31	25	143
McPherson	15	23	5	18	9	70
Marion	1	5	4	4	5	19
Marshall	7	5	17	7	1	37
Meade	6	3	5	4	1	19
Miami	24	18	21	12	31	106
Mitchell	6	3	6	8	3	26
Montgomery	40	34	32	23	18	147
Morris	4	3	4	1	3	15
Morton	1	2	2	3	5	13
Nemaha	10	8	6	3	4	31
Neosho	15	16	17	12	14	74
Ness	1	5	2	3	0	11
Norton	6	4	4	3	2	19
Osage	11	12	12	10	9	54
Osborne	7	5	1	1	2	16
Ottawa	3	1	2	5	0	11
Pawnee	1	8	5	3	5	22
Phillips	2	3	3	1	1	10
Pottawatomie	7	9	10	9	9	44
Pratt	9	9	16	8	8	50
Rawlins	3	1	4	2	0	10
Reno	58	47	46	43	49	243
Republic	3	0	1	3	2	9
Rice	10	5	6	10	9	40
Riley	57	47	59	43	50	256
Rooks	2	1	4	1	2	10
Rush	1	0	1	1	1	4
Russell	5	2	4	4	2	17
Saline	51	43	42	35	40	211
Scott	5	3	2	3	2	15
Sedgwick	545	487	419	391	403	2,245
Seward	37	41	40	31	27	176
Shawnee	178	159	152	122	122	733
Sheridan	1	1	0	2	2	6
Sherman	6	5	6	1	5	23
Smith	2	0	2	1	2	7
Stafford	4	3	13	5	2	27
Stanton	2	2	2	0	1	7
Stevens	7	7	3	3	2	22
Sumner	20	9	26	15	13	83
Thomas	8	11	5	9	6	39
Trego	2	0	3	3	2	10
Wabaunsee	8	4	2	3	3	20
Wallace	1	0	0	0	0	1
Washington	1	0	1	2	1	5
Wichita	0	1	2	1	1	5
Wilson	7	6	5	7	8	33
Woodson	0	3	3	4	5	15
Wyandotte	239	226	223	192	185	1,065
n.s.†	3	0	1	1	9	14
Kansas	2,453	2,300	2,177	1,840	1,894	10,664

\*Pregnancies include the sum of live births, stillbirths and abortions.

†n.s. Not Stated  
 Residence data

Source: Bureau of Epidemiology and Public Health Informatics  
 Kansas Department of Health and En

Created: 8/9/2018

Table 16. Pregnancy\* Rates† by County of Residence by Year  
Females Aged 18-19 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Allen	19.6	48.5	56.1	50.8	37.4	42.4
Anderson	72.3	85.4	54.8	97.2	90.9	80.1
Atchison	45.8	35.7	33.6	32.7	23.6	34.6
Barber	88.9	166.7	65.2	78.9	54.1	91.3
Barton	63.2	91.2	79.1	39.5	62.9	67.3
Bourbon	84.3	125.0	101.1	85.1	79.5	95.2
Brown	76.9	107.1	101.0	59.5	144.6	97.5
Butler	43.6	48.4	43.3	35.4	51.4	44.4
Chase	37.0	0.0	34.5	64.5	0.0	28.4
Chautauqua	138.9	0.0	60.6	88.2	64.5	73.2
Cherokee	77.6	106.8	103.4	71.4	73.3	86.8
Cheyenne	95.2	55.6	150.0	103.4	0.0	83.3
Clark	76.9	0.0	76.9	38.5	0.0	37.3
Clay	78.7	100.0	65.8	53.3	37.5	67.5
Cloud	55.9	71.0	42.7	25.2	63.7	51.9
Coffey	31.3	49.5	40.4	53.8	48.8	44.6
Comanche	90.9	0.0	0.0	0.0	50.0	29.7
Cowley	75.2	69.0	49.9	45.5	52.1	58.3
Crawford	47.5	61.8	42.6	33.0	31.3	43.2
Decatur	285.7	153.8	41.7	0.0	83.3	110.2
Dickinson	47.8	72.8	87.4	67.0	33.0	61.5
Doniphan	50.3	22.2	0.0	27.2	18.0	23.5
Douglas	17.1	13.7	16.8	11.8	16.0	15.1
Edwards	27.0	111.1	33.3	66.7	0.0	43.2
Elk	69.0	115.4	40.0	74.1	52.6	71.4
Ellis	38.9	42.6	23.8	12.4	37.6	31.2
Ellsworth	35.1	20.0	40.8	40.8	43.5	35.9
Finney	101.2	105.5	113.8	93.5	75.2	97.6
Ford	105.3	113.8	111.1	73.5	104.7	101.7
Franklin	72.8	64.6	57.3	52.5	72.7	64.3
Geary	167.6	148.1	177.4	175.5	209.1	174.6
Gove	0.0	33.3	76.9	95.2	0.0	37.3
Graham	125.0	103.4	41.7	58.8	0.0	70.8
Grant	98.0	55.6	63.1	63.6	56.1	66.9
Gray	64.1	64.5	26.0	30.3	22.7	42.3
Greeley	0.0	0.0	153.8	0.0	125.0	71.4
Greenwood	90.9	103.4	94.3	33.9	71.4	78.3
Hamilton	263.2	76.9	80.0	0.0	28.6	73.8
Harper	107.7	88.2	101.7	34.5	108.7	87.8
Harvey	71.6	47.2	35.4	37.8	47.3	47.7
Haskell	65.6	112.9	86.2	57.7	75.5	80.4
Hodgeman	41.7	0.0	100.0	50.0	0.0	36.7
Jackson	73.8	76.4	75.9	54.4	74.8	71.0
Jefferson	30.3	31.3	89.0	58.2	65.9	54.6
Jewell	181.8	100.0	29.4	40.0	0.0	67.7
Johnson	38.0	36.7	32.6	26.9	22.7	31.4
Kearny	50.0	66.7	111.1	60.0	69.8	73.3
Kingman	97.2	12.5	56.3	27.0	12.7	39.9
Kiowa	16.7	44.1	15.4	18.5	0.0	20.1
Labette	74.9	83.7	92.3	110.5	102.0	91.9
Lane	0.0	45.5	0.0	47.6	0.0	19.6
Leavenworth	65.2	59.7	68.1	63.8	60.3	63.4
Lincoln	0.0	0.0	41.7	37.0	0.0	14.3
Linn	47.1	95.7	170.5	63.2	77.7	90.3
Logan	40.0	74.1	87.0	87.0	0.0	56.9

Table 16. Pregnancy\* Rate† by County of Residence by Year  
Females Aged 18-19 Years, Kansas, 2013-2017

County of Residence	2013	2014	2015	2016	2017	5-year Rate
Lyon	40.5	40.1	26.5	40.4	32.3	36.0
McPherson	40.3	61.2	13.2	48.5	24.7	37.6
Marion	5.8	28.7	22.1	22.7	27.8	21.5
Marshall	83.3	57.5	197.7	81.4	10.4	84.3
Meade	95.2	44.8	76.9	70.2	16.9	61.1
Miami	64.3	47.7	57.5	34.8	86.1	58.2
Mitchell	81.1	51.7	93.8	114.3	44.8	78.1
Montgomery	78.9	70.2	68.8	51.7	42.1	63.1
Morris	75.5	65.2	88.9	18.5	62.5	61.0
Morton	25.0	44.4	54.1	90.9	161.3	69.9
Nemaha	87.0	75.5	60.6	26.1	35.4	56.6
Neosho	64.9	68.4	76.2	60.0	65.4	67.2
Ness	32.3	192.3	66.7	96.8	0.0	76.4
Norton	113.2	100.0	102.6	69.8	44.4	86.4
Osage	67.9	70.6	63.2	60.2	62.5	64.9
Osborne	212.1	116.3	24.4	32.3	74.1	91.4
Ottawa	40.0	13.0	31.3	96.2	0.0	33.7
Pawnee	18.2	166.7	78.1	52.6	106.4	81.2
Phillips	31.7	47.6	54.5	20.0	16.9	34.5
Pottawatomie	26.8	32.0	36.4	34.9	34.1	32.9
Pratt	60.4	60.0	106.7	55.2	62.0	69.2
Rawlins	120.0	35.7	173.9	125.0	0.0	88.5
Reno	78.8	66.7	64.8	57.6	63.8	66.3
Republic	76.9	0.0	31.3	73.2	46.5	46.6
Rice	56.8	29.4	33.3	54.6	52.6	45.5
Riley	21.7	17.8	21.9	16.1	18.2	19.1
Rooks	40.0	21.7	81.6	20.0	42.6	41.3
Rush	38.5	0.0	47.6	40.0	38.5	32.3
Russell	65.8	32.8	75.5	67.8	31.7	54.5
Saline	79.1	65.7	66.7	53.9	62.1	65.5
Scott	100.0	63.8	40.8	60.0	36.4	59.8
Sedgwick	90.8	82.0	71.2	65.2	68.7	75.6
Seward	98.7	108.8	118.7	91.7	80.4	99.8
Shawnee	84.9	78.1	73.5	57.9	58.7	70.6
Sheridan	41.7	55.6	0.0	69.0	105.3	51.3
Sherman	107.1	83.3	96.8	14.5	78.1	74.0
Smith	47.6	0.0	62.5	27.0	57.1	38.3
Stafford	90.9	68.2	265.3	116.3	50.0	122.7
Stanton	76.9	133.3	111.1	0.0	28.6	59.3
Stevens	111.1	101.4	39.5	47.6	41.7	69.0
Sumner	77.8	34.7	99.6	64.9	55.6	66.8
Thomas	41.0	52.4	24.4	45.5	31.7	39.1
Trego	60.6	0.0	157.9	157.9	100.0	84.7
Wabaunsee	127.0	57.1	31.3	46.9	43.5	60.6
Wallace	43.5	0.0	0.0	0.0	0.0	12.0
Washington	17.9	0.0	16.4	32.3	21.7	17.9
Wichita	0.0	43.5	105.3	62.5	52.6	53.8
Wilson	78.7	69.8	61.0	79.5	92.0	76.4
Woodson	0.0	111.1	96.8	137.9	151.5	104.9
Wyandotte	131.7	123.1	120.0	101.4	101.5	115.4
Kansas	62.4	58.6	55.9	47.4	48.9	54.7

\*Pregnancies include the sum of live births, stillbirths and abortions.

†Rate per 1,000 female age-group population.

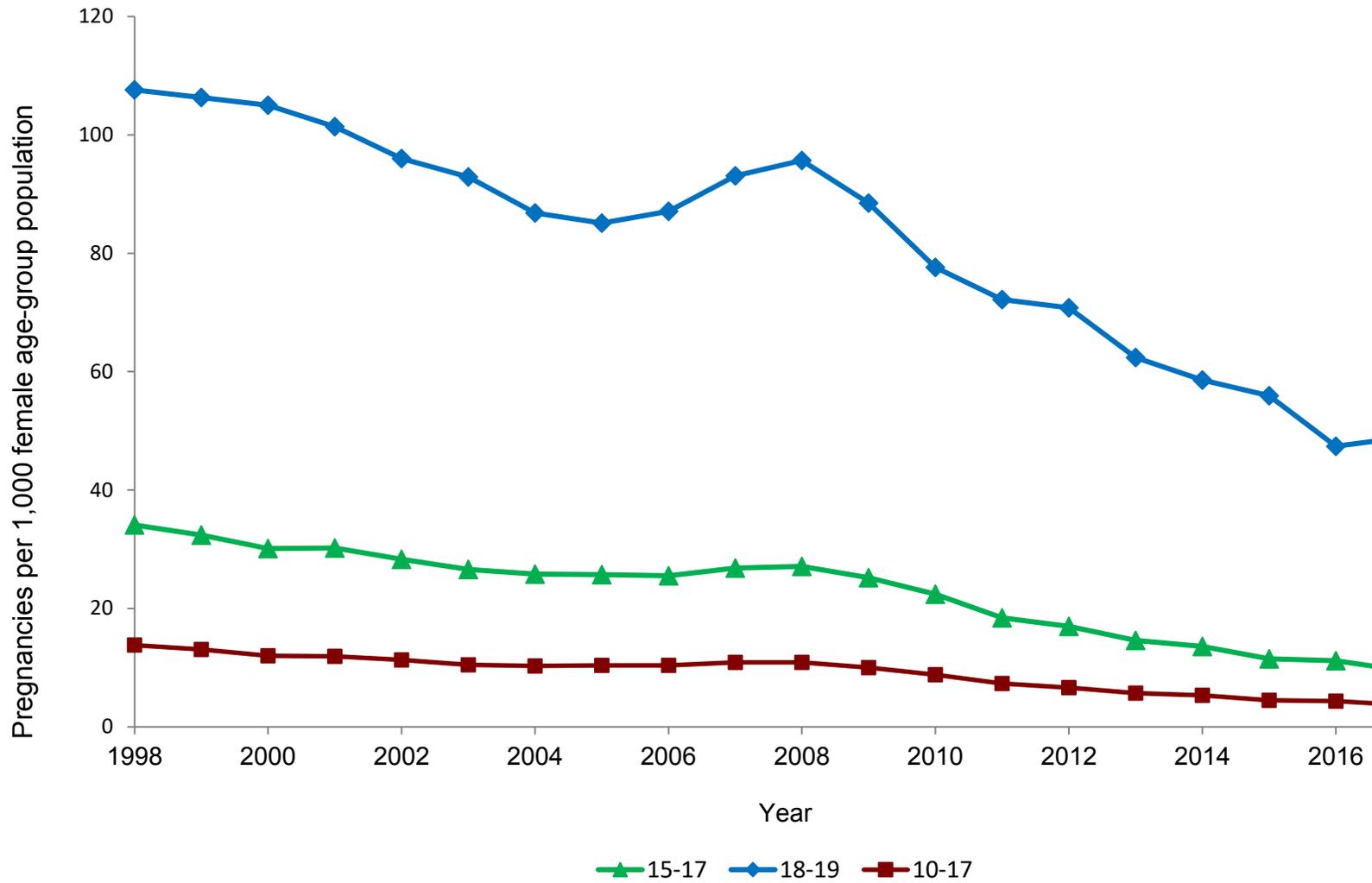
Residence data

Source: Bureau of Epidemiology and Public Health Informatics

Kansas Department of Health and Environment

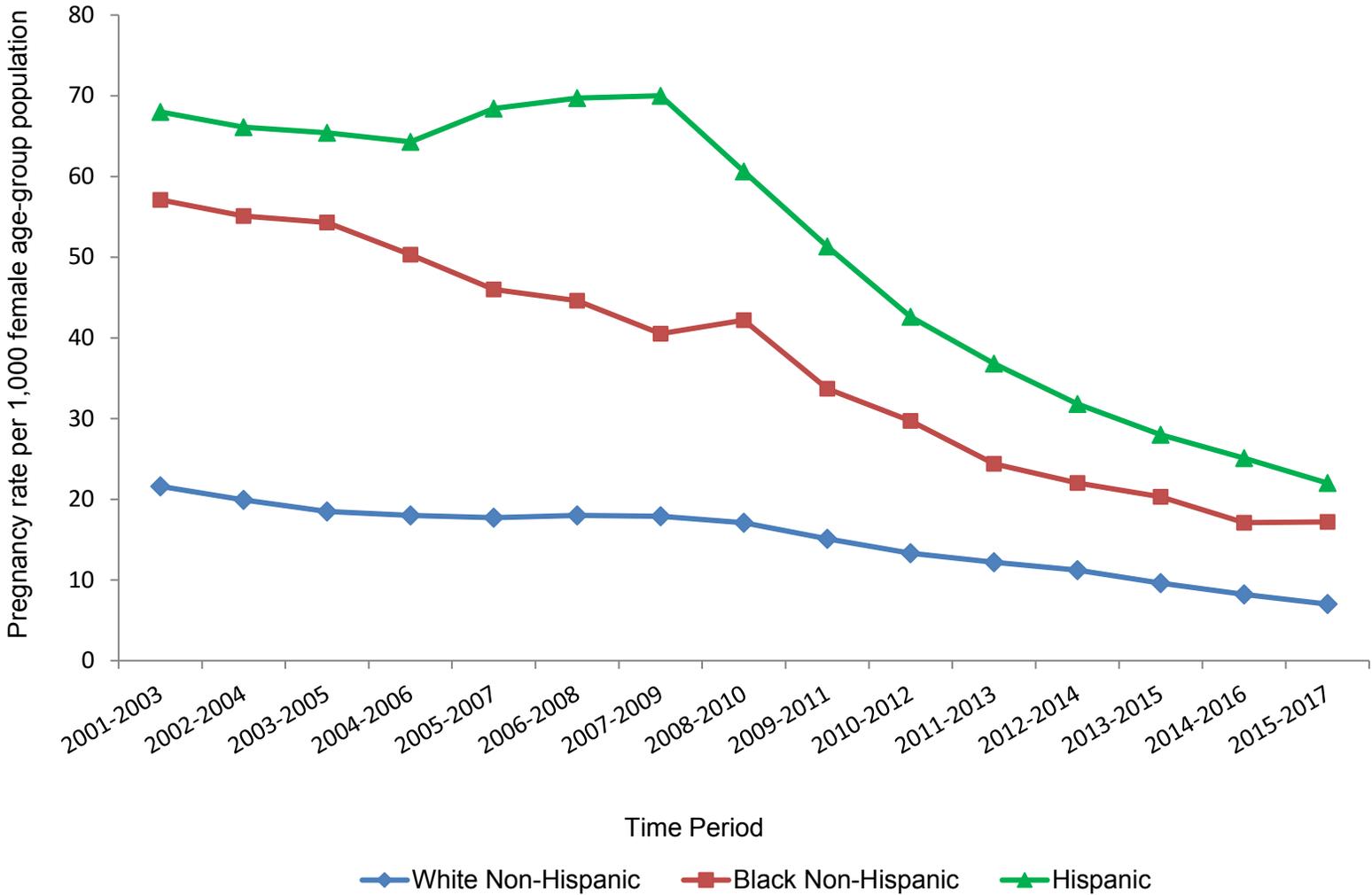
Created: 8/9/2018

Figure 1. Pregnancy Rates for Selected Female Age-Groups  
Kansas 1998-2017



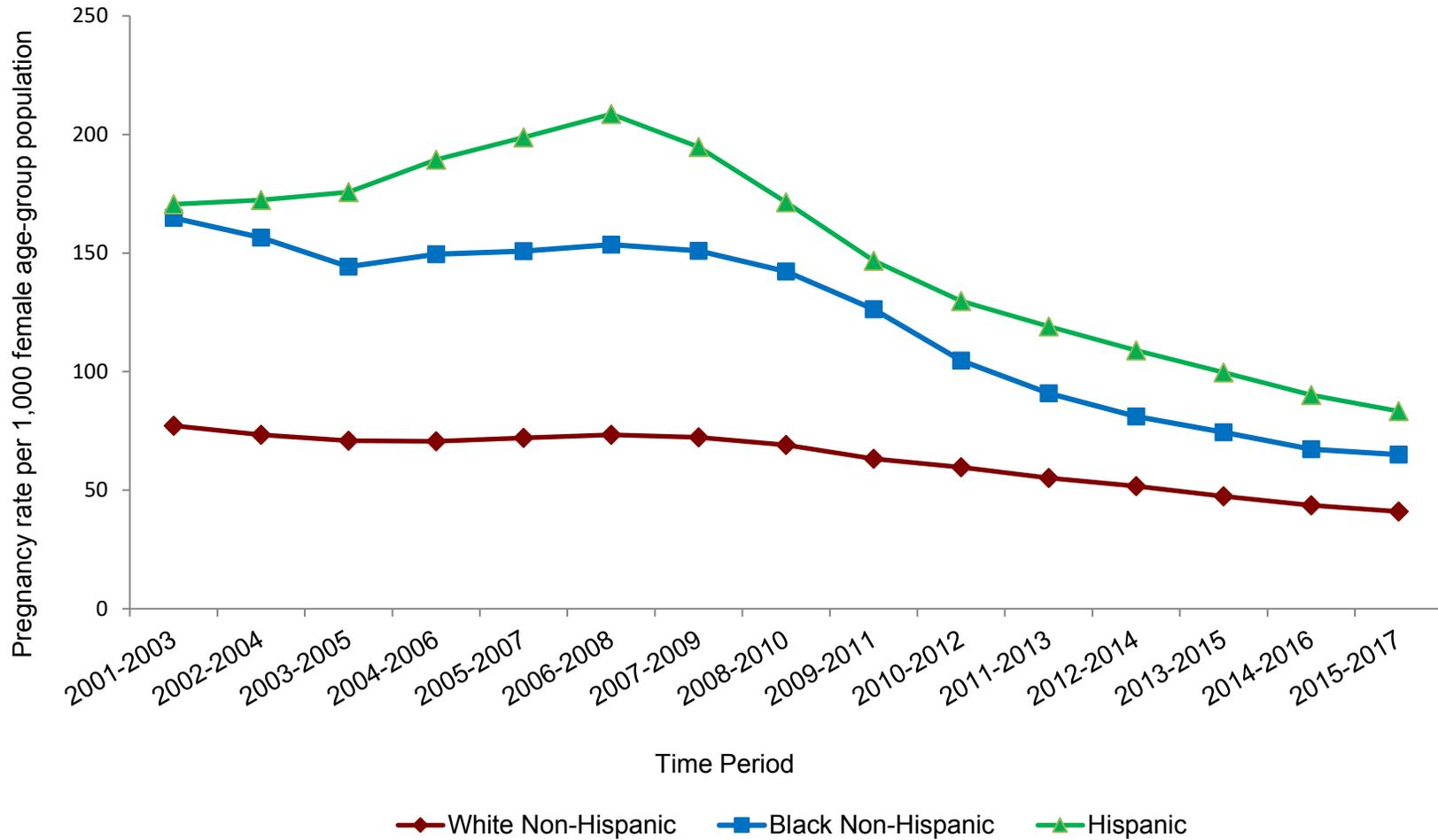
Residence data  
Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Figure 2. Three Year Rolling Average  
Pregnancy Rates for Selected Population Groups  
Females Aged 15-17 Years, Kansas, 2001-2017



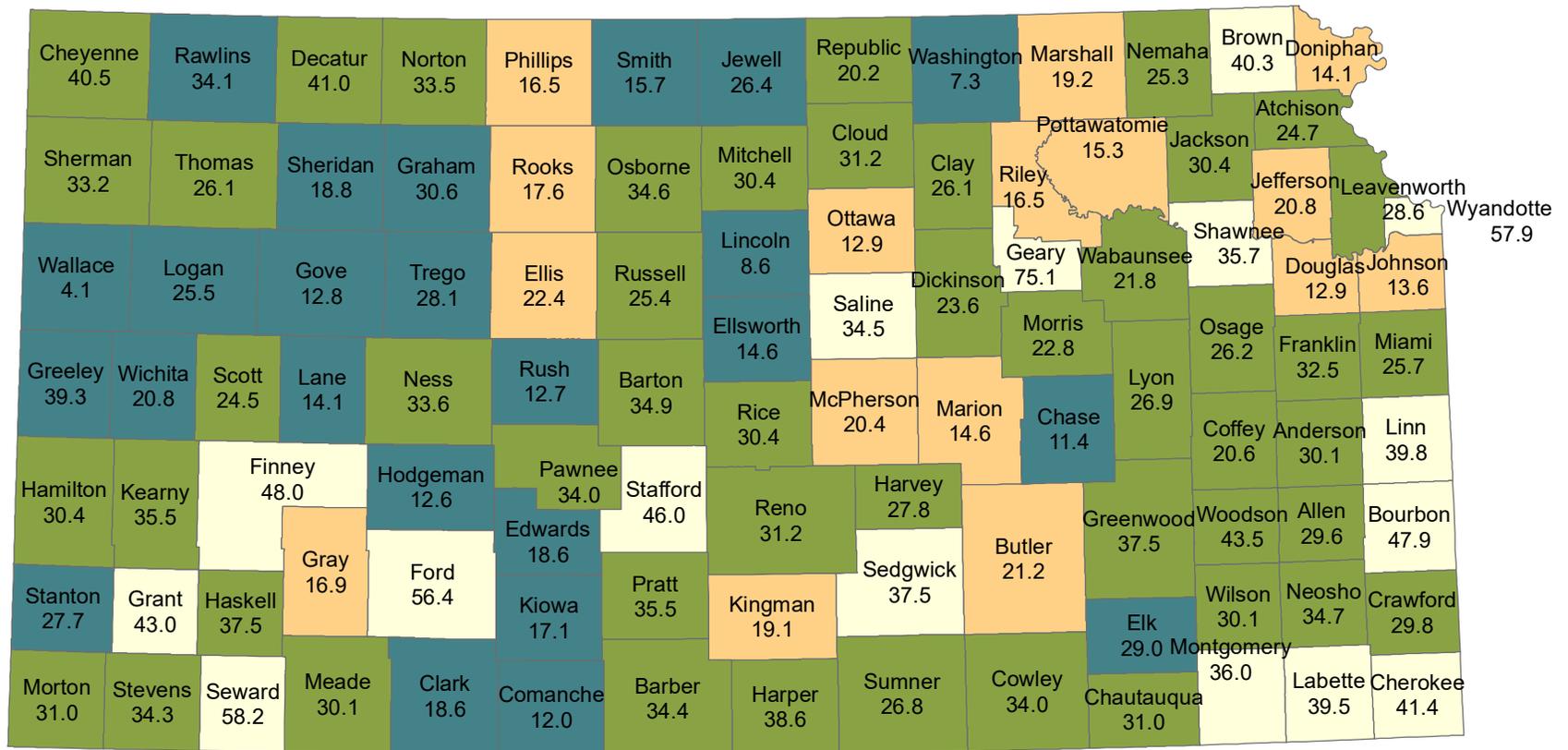
Residence data  
Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Figure 3. Three Year Rolling Average  
Pregnancy Rates for Selected Population Groups  
Females Aged 18-19 Years, Kansas 2001-2017

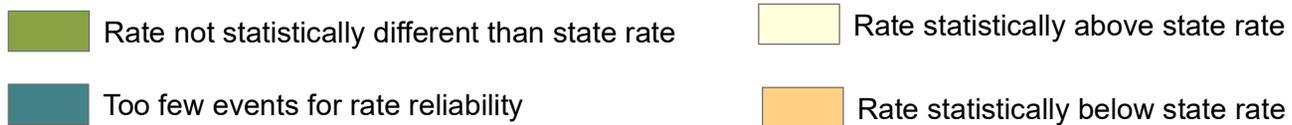


Residence data  
Source: Bureau of Epidemiology and Public Health Informatics  
Kansas Department of Health and Environment

Figure 4. County Pregnancy Rates Relative to State Rate among Females Aged 15-19 Years, Kansas, 2013-2017



State Rate 29.2 per 1,000 Female Age-group Population



# Technical Notes

Abortion (induced termination of pregnancy):	The use or prescription of any instrument, medicine, drug or any other substance or device to termination the pregnancy of a woman known to be pregnant with the intention other than to increase the probability of a live birth, to preserve the life or health of the child after live birth, or to remove a dead unborn child who died as the result of natural causes in utero, accidental trauma or criminal assault on the pregnant woman or her unborn child, and which causes the premature termination of the pregnancy. [K.S.A. 65-6701(a)].
Stillbirth:	Any complete expulsion or extraction from its mother of a product of human conception, the gestation of which is 20 weeks or greater, resulting in other than a live birth, and which is not an induced termination of pregnancy.
Live Birth:	The complete expulsion or extraction of a product of human conception from its mother, irrespective of the duration of pregnancy, that, after such expulsion or extraction, shows any evidence of life such as breathing, heartbeat, pulsation of the umbilical cord, or voluntary muscle movement, whether or not the umbilical cord has been cut or the placenta attached.
Residence Data:	Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred.
Teenage Pregnancy Components:	A live birth, stillbirth, or abortion occurring to a female under 20 years of age.
Teenage Pregnancy Rate:	$\frac{\text{live births, stillbirths, abortions for females in a specific age-group}}{\text{female population in the same specific age-group}} \times 1,000$

## Rate Reliability

Vital statistics are easily influenced by random variation, and single-year rates can fluctuate from year to year. A multiple-year rate, such as a 5-year rate calculated as the sum of the numerators in each year divided by the sum of the denominators in each year and multiplied by 1,000 would be more accurate in formulating conclusions on vital events. For example, between 2011 and 2015, the adolescent and teen pregnancy rate for Kansas varied from 20.9 to 14.8 pregnancies per 1,000 females aged 10-19 years population. The 2011-2015 5-year teenage pregnancy rate was 17.7 (Table 5). The 5-year rate decreases the variability in single-year rate comparisons and is a more reliable indicator of teenage pregnancy rates in Kansas.

A small increase or decrease in the number of events in a small geographic area can have a major impact on a population-based rate. For example, in 2015 Stanton County had three pregnancies among women aged 10-19 and a population of 137 females

aged 10-19 years. Johnson County had 262 pregnancies among women aged 10-19 and a population of 38,719 females aged 10-19 years of age. The Stanton County rate was 21.9 pregnancies per 1,000 female age-group population, while the Johnson County rate was 6.8. Had five more pregnancies occurred to women aged 10-19 in each county, the Stanton County rate would have increased almost threefold to 58.4 pregnancies per 1,000 female age-group population, and the Johnson County rate, by comparison, would have increased fractionally to 6.9 pregnancies per 1,000 female age-group population. Readers should use caution to avoid misleading conclusions when comparing rates of vital events between geographic areas with significantly different populations.

## **Unknowns**

County of residence is collected for all vital events that occur in Kansas. However, some states that share vital event data with Kansas may not collect the county of residence (this is the case with several states that collect abortion data), or may not include it in their data export to the KDHE Office of Vital Statistics. Events for which the county of residence is not known are included in the state total and in the “not stated” row in tables that break down pregnancy outcomes by county.

## **Population**

1991-1999, 2001-2009, 2011-2015, 2016 and 2017 female age-group population estimates and actual population counts for 1990, 2000 and 2010 were obtained from the U.S. Census Bureau on the Internet at: <http://www.census.gov/popest/estimates.php>. The 2001 female age-group population estimates were compiled by the Kansas Department of Health and Environment based on the 2000 Census counts.

2003-2017 female age-group county population estimates were obtained from the Bridged-race Vintage 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016 and 2017 post-censal series by year, age, sex, race, and Hispanic origin, prepared under a collaborative arrangement between the National Center for Health Statistics (NCHS) and the U.S. Census Bureau. The population data are at the Centers for Disease Control and Prevention website at: <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>.

## **Peer Groups**

For various demographic studies, it is useful to consider groups of counties with similar characteristics. “Peer Groups” of counties, as used in this summary, are defined as those with similar population densities based on their 2000 or 2010 actual census counts. In order to facilitate a time series comparison, the assignment of counties to their peer group remains unchanged until the next decennial census. They will not necessarily have similar values for any other indicators. Frontier counties are defined as those with less than 6.0 persons per square mile, Rural counties as those with 6.0 - 19.9 persons per square mile, Densely-Settled Rural counties as those with 20.0 - 39.9 persons per square mile, Semi-Urban counties as those with 40.0 - 149.9 persons per square mile, and Urban counties as those with 150.0 or more persons per square mile. These definitions originated with the Kansas Department of Health and Environment,

Office of Local and Rural Health, and should *not* be confused with the U.S. Census Bureau's (USCB) definitions of urban and rural areas. Sources for calculation of population densities are population figures from the 2000 U.S. Census and land areas from the 2000 U.S. Census (for years before 2010). For 2010, populations and land areas were taken from the 2010 U.S. Census.

Counties are grouped in population density peer groups as follows:

<b>Frontier</b>	Smith	Rice	Seward
Barber	Stafford	Russell	Sumner
Chase	Stanton	Scott	
Chautauqua	Trego	Stevens	<b>Semi-Urban</b>
Cheyenne	Wallace	Thomas	Butler
Clark	Wichita	Wabaunsee	Crawford
Comanche		Washington	Franklin
Decatur	<b>Rural</b>	Wilson	Geary
Edwards	Anderson	Woodson	Harvey
Elk	Brown		Miami
Gove	Clay	<b>Densely-Settled</b>	Montgomery
Greenwood	Cloud	<b>Rural</b>	Reno
Graham	Coffey	Allen	Riley
Greeley	Ellsworth	Atchison	Saline
Hamilton	Grant	Barton	
Hodgeman	Gray	Bourbon	<b>Urban</b>
Jewell	Harper	Cherokee	Douglas
Kearny	Haskell	Cowley	Johnson
Kiowa	Kingman	Dickinson	Leavenworth
Lane	Linn	Doniphan	Sedgwick
Lincoln	Marion	Ellis	Shawnee
Logan	Marshall	Finney	Wyandotte
Meade	Mitchell	Ford	
Morton	Morris	Jackson	
Ness	Nemaha	Jefferson	
Osborne	Norton	Labette	
Rawlins	Ottawa	Lyon	
Rooks	Pawnee	McPherson	
Rush	Phillips	Neosho	
Sheridan	Pratt	Osage	
Sherman	Republic	Pottawatomie	

## Statistical Significance

The following methods have been applied where statistically significant differences have been noted in the document. When Kansas data are evaluated by county, small numbers of events may affect rate reliability. The relative standard error was used to determine if the number of events was large enough to calculate stable rates. Values with a relative standard error of 30 percent or less were considered reliable. This is consistent with standard National Center for Health Statistics (NCHS) practice [1, 2].

Statistical significance was determined using confidence intervals calculated at the 95 percent level. When the number of events was greater than or equal to 100, the normal distribution was used. When the number of events was less than 100 the poisson distribution was used. This is the scientific standard estimation of significance. If confidence intervals do not overlap, the difference between the rates is statistically significant [3].

1. Mathews TJ, MacDorman MF. (2010). Infant mortality statistics from the 2006 period linked birth/infant death data set. National Vital Statistics Reports; vol 58 no 17. Hyattsville, MD: National Center for Health Statistics. 2010.
2. Cohen RA, Martinez, ME. (2009). Consumer-directed health care for persons under 65 years of age with private health insurance: United States, 2007. NCHS data brief, no. 15. Hyattsville, MD: National Center for Health Statistics, pg. 8.
3. Washington State Health Department. (2006). Guidelines for using confidence intervals for public health assessment. [Cited: 16 Dec 2011], Available from <http://www.doh.wa.gov/data/Guidelines/guidelines.htm>

Kansas Department of Health and Environment  
Office of Vital Statistics

**CERTIFICATE OF STILLBIRTH (FETAL DEATH)**

**State File Number**

1. NAME (First, Middle, Last, Suffix)		2. DATE OF DELIVERY (Month, Day, Year)	3. TIME OF DELIVERY M
4. SEX	5. CITY, TOWN, OR LOCATION OF DELIVERY		6. COUNTY OF DELIVERY
7. PLACE OF DELIVERY <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Home Delivery <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Other (Specify) _____		8. FACILITY NAME (If not institution, give street and number and zip code)	
9. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			10. MOTHER'S LAST NAME PRIOR TO FIRST MARRIAGE
11. DATE OF BIRTH (Month, Day, Year)	12. BIRTHPLACE (State, Territory, or Foreign Country)		13. PRESENT RESIDENCE-STATE
14. COUNTY	15. CITY, TOWN, OR LOCATION	16. STREET AND NUMBER OF PRESENT RESIDENCE	
17. ZIPCODE	18. INSIDE CITY LIMITS? <input type="checkbox"/> Yes <input type="checkbox"/> No	19. MOTHER'S MAILING ADDRESS (If same as residence, leave blank)	
20. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		21. DATE OF BIRTH (Month, Day, Year)	22. BIRTHPLACE (State, Territory, or Foreign Country)
23. I CERTIFY THAT THE PERSONAL INFORMATION PROVIDED ON THE CERTIFICATE IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  Signature of Parent (or Other Informant) >			24. DATE SIGNED (Month, Day, Year)
<b>25. CAUSE/CONDITIONS CONTRIBUTING TO FETAL DEATH</b>			
25a. INITIATING CAUSE/CONDITION (Among the choices below, please select the <u>one</u> which most likely began the sequence of events resulting in the death of the fetus.)			
Maternal Conditions/Diseases (Specify) _____			
Complications of Placenta, Cord, or Membranes – <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord			
<input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____			
Other Obstetrical or Pregnancy Complications (Specify) _____		Fetal Anomaly (Specify) _____	
Fetal Injury (Specify) _____		Fetal Infection (Specify) _____	
Other Fetal Conditions/Disorders (Specify) _____		<input type="checkbox"/> Unknown	
25b. OTHER SIGNIFICANT CAUSES OR CONDITIONS (Select or specify all other conditions contributing to death in item 25a.)			
Maternal Conditions/Diseases (Specify) _____			
Complications of Placenta, Cord, or Membranes – <input type="checkbox"/> Rupture of membranes prior to onset of labor <input type="checkbox"/> Abruptio placenta <input type="checkbox"/> Placental insufficiency <input type="checkbox"/> Prolapsed cord			
<input type="checkbox"/> Chorioamnionitis <input type="checkbox"/> Other (Specify) _____			
Other Obstetrical or Pregnancy Complications (Specify) _____		Fetal Anomaly (Specify) _____	
Fetal Injury (Specify) _____		Fetal Infection (Specify) _____	
Other Fetal Conditions/Disorders (Specify) _____		<input type="checkbox"/> Unknown	
26. ESTIMATED TIME OF FETAL DEATH <input type="checkbox"/> Dead at time of first assessment, no labor ongoing <input type="checkbox"/> Dead at time of first assessment, labor ongoing <input type="checkbox"/> Died during labor, after first assessment <input type="checkbox"/> Unknown time of fetal death		27a. WAS AN AUTOPSY PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned	27b. WAS A HISTOLOGICAL PLACENTAL EXAMINATION PERFORMED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Planned
		27c. WERE AUTOPSY OR HISTOLOGICAL PLACENTAL EXAMINATION RESULTS USED IN DETERMINING THE CAUSE OF FETAL DEATH? <input type="checkbox"/> Yes <input type="checkbox"/> No	
28. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD.  Signature >		29. DATE SIGNED (Month, Day, Year)	30. ATTENDANT'S NAME AND TITLE (If delivery not attended by physician) Name (Type) _____ <input type="checkbox"/> CNM/CM <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____
31. CERTIFIER'S NAME AND TITLE (Type)  <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Other (Specify) _____		32. CERTIFIER'S MAILING ADDRESS (Street and Number or Rural Route, City or Town, State, Zip Code)	
		33a. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Donation <input type="checkbox"/> Hospital Disposition <input type="checkbox"/> Removal from State <input type="checkbox"/> Other (Specify) _____	
33b. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place)		33c. LOCATION (City or Town, and State)	
34. FUNERAL DIRECTOR OR HOSPITAL ADMINISTRATOR  Signature >		35. FIRM OR HOSPITAL NAME AND ADDRESS	
		36. DATE FILED BY STATE REGISTRAR (Month, Day, Year)	

CONFIDENTIAL INFORMATION FOR INTERNAL USE ONLY

37. IF HOME DELIVERY, WAS DELIVERY PLANNED AT HOME? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			38. MOTHER'S MEDICAL RECORD NO.		
39a. WAS MOTHER EVER MARRIED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		39b. MOTHER MARRIED? (At birth, conception or any time between) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
40. PARENT'S HISPANIC ORIGIN (Check the box or boxes that best describes whether the parent is Spanish, Hispanic, or Latino. Check the "no" box if the parent is not Spanish, Hispanic, or Latino.)			41. PARENT'S RACE (Check one or more races to indicate what you consider yourself to be.)		
40a. MOTHER-		40b. FATHER-		41a. MOTHER	
<input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican/Mexican American/Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, Central American <input type="checkbox"/> Yes, South American <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____ <input type="checkbox"/> Unknown		<input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican/Mexican American/Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, Central American <input type="checkbox"/> Yes, South American <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____ <input type="checkbox"/> Unknown		<input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribes) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Unknown	
				41b. FATHER	
				<input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribes) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Unknown	
42. ANCESTRY - What is the parents' ancestry or ethnic origin? - Italian, German, Dominican, Vietnamese, Hmong, French Canadian, etc. (Specify below)			43. OCCUPATION AND BUSINESS/INDUSTRY		
			Occupation	Business/Industry (Do not give name of company.)	
42a. MOTHER		43a. MOTHER (Most recent)		43c. MOTHER	
42b. FATHER		43b. FATHER (Usual)		43d. FATHER	
44. EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery.)					
44a. MOTHER'S EDUCATION		<input type="checkbox"/> 8 <sup>th</sup> grade or less <input type="checkbox"/> Some College credit, but no degree <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Unknown		<input type="checkbox"/> 9 <sup>th</sup> - 12 <sup>th</sup> grade, no diploma <input type="checkbox"/> Associate degree (e.g., AA,AS) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) <input type="checkbox"/> High school graduate or GED <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS)	
44a. FATHER'S EDUCATION		<input type="checkbox"/> 8 <sup>th</sup> grade or less <input type="checkbox"/> Some College credit, but no degree <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) <input type="checkbox"/> Unknown		<input type="checkbox"/> 9 <sup>th</sup> - 12 <sup>th</sup> grade, no diploma <input type="checkbox"/> Associate degree (e.g., AA,AS) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD) <input type="checkbox"/> High school graduate or GED <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS)	
45. PREVIOUS LIVE BIRTHS (Do not include this child.)		46. NUMBER OF OTHER OUTCOMES (Spontaneous or induced losses or ectopic or stillbirth pregnancies)		47. PLURALITY - Single, Twin, Triplet, etc. (Specify)	
45a. Now living Number _____ <input type="checkbox"/> None	45b. Now dead Number _____ <input type="checkbox"/> None	46a. Before 20 weeks Number _____ <input type="checkbox"/> None	46b. 20 weeks & over Number _____ <input type="checkbox"/> None	49. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)	
45c. DATE OF LAST LIVE BIRTH (Month, Year)		46c. DATE OF LAST OTHER PREGNANCY OUTCOME (Month, Year)		50. OBSTETRIC ESTIMATE OF GESTATION (Completed Weeks)	
52. PRENATAL CARE? <input type="checkbox"/> Yes <input type="checkbox"/> No		53. DATE OF FIRST PRENATAL CARE VISIT (Month, Day, Year)		54. DATE OF LAST PRENATAL CARE VISIT (Month, Day, Year)	
				55. PRENATAL VISIT - Total number (If none, enter "0")	
56. CIGARETTE SMOKING BEFORE & DURING PREGNANCY: Did mother smoke 3 mos. before or during pregnancy? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown For each time period, enter either the number of cigarettes or the number of packs of cigarettes <b>smoked per day</b> . If none, enter "0". Average number of cigarettes or packs of cigarettes smoked <b>per day</b> : No. No. Three months before pregnancy: _____ cigarettes or _____ packs First three months of pregnancy: _____ cigarettes or _____ packs Second three months of pregnancy: _____ cigarettes or _____ packs Third Trimester of pregnancy: _____ cigarettes or _____ packs			57. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY <input type="checkbox"/> Medicaid <input type="checkbox"/> Private/Employer Ins. <input type="checkbox"/> Self-pay <input type="checkbox"/> Indian Health Service <input type="checkbox"/> CHAMPUS/TRICARE <input type="checkbox"/> Other government <input type="checkbox"/> Other <input type="checkbox"/> Unknown		
			58a. MOTHER TRANSFERRED IN FOR DELIVERY DUE TO MATERNAL, MEDICAL, OR FETAL INDICATIONS? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, enter facility name)		58b. FACILITY TRANSFERRED FROM:

CHILD'S NAME \_\_\_\_\_  
VS233 Rev. 05/01/2010

MOTHER'S NAME \_\_\_\_\_

PRENATAL	LABOR-DELIVERY/STILLBORN FETUS
<p><b>59. NUTRITION OF MOTHER</b></p> <p>1. Height _____</p> <p>2. Prepregnancy Weight _____</p> <p>3. Weight at delivery _____</p> <p>4. Did mother get WIC food for herself? Yes _____ No _____ Unknown _____</p> <p><b>60. MEDICAL RISK FACTORS</b> (Check all that apply.)</p> <p>1. <input type="checkbox"/> Diabetes, prepregnancy</p> <p>2. <input type="checkbox"/> Diabetes, gestational</p> <p>3. Hypertension <input type="checkbox"/> Prepregnancy (Chronic) <input type="checkbox"/> Gestational (PIH, preeclampsia) <input type="checkbox"/> Eclampsia</p> <p>4. <input type="checkbox"/> Previous preterm birth</p> <p>5. <input type="checkbox"/> Other previous poor pregnancy outcome (SGA, perinatal death, etc.)</p> <p>6. <input type="checkbox"/> Vaginal bleeding during this pregnancy prior to labor</p> <p>7. <input type="checkbox"/> Pregnancy resulted from infertility treatment (If yes, check all that apply.) <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))</p> <p>8. <input type="checkbox"/> Mother had a previous cesarean delivery, if yes, how many Number _____</p> <p>9. <input type="checkbox"/> Alcohol use No. of drinks per week: _____</p> <p>10. <input type="checkbox"/> None of the above</p> <p><b>61. METHOD OF DELIVERY</b></p> <p>1. Forceps attempted? Yes _____ No _____ Successful: Yes _____ No _____</p> <p>2. Vacuum extraction attempted? Yes _____ No _____ Successful: Yes _____ No _____</p> <p>3. Fetal presentation at delivery <input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other</p> <p>4. Final route and method of delivery (check one) <input type="checkbox"/> Vaginal/spontaneous <input type="checkbox"/> Vaginal/forceps <input type="checkbox"/> Vaginal/vacuum <input type="checkbox"/> Cesarean, if cesarean was a trial of labor attempted? Yes _____ No _____</p> <p>5. Hysterotomy/Hysterectomy Yes _____ No _____</p>	<p><b>62. MATERNAL MORBIDITY</b> (Check all that apply.) (These are complications associated with labor and delivery.)</p> <p>1. <input type="checkbox"/> Maternal transfusion</p> <p>2. <input type="checkbox"/> Third or fourth degree perineal laceration</p> <p>3. <input type="checkbox"/> Ruptured uterus</p> <p>4. <input type="checkbox"/> Unplanned hysterectomy</p> <p>5. <input type="checkbox"/> Admission to intensive care unit</p> <p>6. <input type="checkbox"/> Unplanned operating room procedure following delivery</p> <p>7. <input type="checkbox"/> None of the above</p> <p><b>63. INFECTIONS PRESENT AND/OR TREATED</b> (During this pregnancy, check all that apply.)</p> <p>1. <input type="checkbox"/> Gonorrhea</p> <p>2. <input type="checkbox"/> Syphilis</p> <p>3. <input type="checkbox"/> Herpes Simplex Virus (HSV)</p> <p>4. <input type="checkbox"/> Chlamydia</p> <p>5. <input checked="" type="checkbox"/> Listeria</p> <p>6. <input type="checkbox"/> Group B Streptococcus</p> <p>7. <input type="checkbox"/> Cytomeglovirus</p> <p>8. <input type="checkbox"/> Parvo virus</p> <p>9. <input type="checkbox"/> Toxoplasmosis</p> <p>10. <input type="checkbox"/> AIDS or HIV antibody</p> <p>11. <input type="checkbox"/> None of the above</p> <p>12. <input type="checkbox"/> Other (Specify) _____</p> <p><b>64. CONGENITAL ANOMALIES OF THE NEWBORN</b> (Check all that apply.)</p> <p>1. <input type="checkbox"/> Anencephaly</p> <p>2. <input type="checkbox"/> Meningocele/Spina bifida</p> <p>3. <input type="checkbox"/> Cyanotic congenital heart disease</p> <p>4. <input type="checkbox"/> Congenital diaphragmatic hernia</p> <p>5. <input type="checkbox"/> Omphalocele</p> <p>6. <input type="checkbox"/> Gastroschisis</p> <p>7. <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes)</p> <p>8. <input type="checkbox"/> Cleft Lip with or without Cleft Palate</p> <p>9. <input type="checkbox"/> Cleft Palate alone</p> <p>10. <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending</p> <p>11. <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending</p> <p>12. <input type="checkbox"/> Hypospadias</p> <p>13. <input type="checkbox"/> Fetal alcohol syndrome</p> <p>14. <input type="checkbox"/> Other congenital anomalies (Specify) _____</p> <p>15. <input type="checkbox"/> None of the above</p>

THIS IS NOT PART OF THE CERTIFICATE OF STILLBIRTH  
Test required by K.S.A. 65-153F, 153G

Serological Test Made: \_\_\_\_\_ 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> (Trimester) \_\_\_\_\_ At Delivery \_\_\_\_\_ Not Performed

If no test made, state reason: \_\_\_\_\_

**CERTIFICATE OF LIVE BIRTH**

115-

State File Number

1. CHILD'S NAME (First, Middle, Last, Suffix)		2. DATE OF BIRTH (Month, Day, Year)		3. TIME OF BIRTH M	
4. SEX	5. BIRTH WEIGHT (Grams)	6. CITY, TOWN, OR LOCATION OF BIRTH		7. COUNTY OF BIRTH	
8. PLACE OF BIRTH <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Home Birth <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Other (Specify) _____			9. FACILITY NAME (if not institution, give street and number)		
10. I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.  Certifier's Signature ➤ _____		11. DATE SIGNED (Month, Day, Year)	12. ATTENDANT'S NAME AND TITLE (Type) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____		
13. Certifier's Name and Title (Type) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Hosp Adm. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____		14. ATTENDANT'S MAILING ADDRESS (Street and Number or Rural Route, City, or Town, State, Zip Code)			
15. MOTHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)			16. MOTHER'S LAST NAME PRIOR TO FIRST MARRIAGE		
17. DATE OF BIRTH (Month, Day, Year)		18. BIRTHPLACE (State, Territory, or Foreign Country)		19. PRESENT RESIDENCE-STATE	
20. COUNTY		21. CITY, TOWN, OR LOCATION		22. STREET AND NUMBER OF PRESENT RESIDENCE	
23. ZIP CODE	24. INSIDE CITY LIMITS? <input type="checkbox"/> YES <input type="checkbox"/> NO	25. MOTHER'S MAILING ADDRESS (if same as residence, leave blank)			
26. FATHER'S CURRENT LEGAL NAME (First, Middle, Last, Suffix)		27. DATE OF BIRTH (Month, Day, Year)		28. BIRTHPLACE (State, Territory, or Foreign Country)	
29. PARENTS REQUEST SOCIAL SECURITY NUMBER ISSUANCE? <input type="checkbox"/> YES <input type="checkbox"/> NO		30. IMMUNIZATION REGISTRY I wish to enroll my child in the Immunization Registry <input type="checkbox"/> YES <input type="checkbox"/> NO			
31. I CERTIFY THAT THE PERSONAL INFORMATION PROVIDED ON THE CERTIFICATE IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  Signature of Parent (or Other Informant) ➤ _____		32. DATE SIGNED (Month, Day, Year)		33. DATE FILED BY STATE REGISTRAR (Month, Day, Year) (Vital Statistics only)	

34. IF HOME BIRTH, WAS DELIVERY PLANNED AT HOME? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown					
35. MOTHER'S SOCIAL SECURITY NUMBER			36. FATHER'S SOCIAL SECURITY NUMBER		
37a. WAS MOTHER EVER MARRIED? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		37b. MOTHER MARRIED? (At birth, conception or any time between) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
37c. IF NO, HAS PATERNITY ACKNOWLEDGMENT BEEN SIGNED? <input type="checkbox"/> Yes <input type="checkbox"/> No		37d. MOTHER REFUSES TO GIVE HUSBAND'S INFORMATION <input type="checkbox"/> Yes <input type="checkbox"/> No			
38. WHAT IS THE PRIMARY LANGUAGE SPOKEN IN THE HOME? <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Vietnamese <input type="checkbox"/> German <input type="checkbox"/> French <input type="checkbox"/> Russian <input type="checkbox"/> Ukrainian <input type="checkbox"/> Mandarin <input type="checkbox"/> Cantonese <input type="checkbox"/> Sign Language <input type="checkbox"/> Other (Specify) _____					
39. PARENT'S HISPANIC ORIGIN (Check the box or boxes that best describes whether the parent is Spanish, Hispanic, or Latino. Check the "No" box if the parent is not Spanish, Hispanic, or Latino.)		40. PARENT'S RACE (Check one or more races to indicate what you consider yourself to be.)			
39a. MOTHER <input type="checkbox"/> No, not Spanish/Hispanic/Latina <input type="checkbox"/> Yes, Mexican/Mexican American/Chicana <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, Central American <input type="checkbox"/> Yes, South American <input type="checkbox"/> Yes, other Spanish/Hispanic/Latina (Specify) _____ <input type="checkbox"/> Unknown		39b. FATHER <input type="checkbox"/> No, not Spanish/Hispanic/Latino <input type="checkbox"/> Yes, Mexican/Mexican American/Chicano <input type="checkbox"/> Yes, Puerto Rican <input type="checkbox"/> Yes, Cuban <input type="checkbox"/> Yes, Central American <input type="checkbox"/> Yes, South American <input type="checkbox"/> Yes, other Spanish/Hispanic/Latino (Specify) _____ <input type="checkbox"/> Unknown		40a. MOTHER <input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native (Name of the enrolled or principal tribes) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (Specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (Specify) _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Unknown	
41. ANCESTRY - What is the parents' ancestry or ethnic origin? - Italian, German, Dominican, Vietnamese, Hmong, French Canadian, etc. (Specify below)		42. OCCUPATION AND BUSINESS/INDUSTRY			
		Occupation		Business/Industry (Do not give name of company.)	
41a. MOTHER		42a. MOTHER (Most recent)		42c. MOTHER	
41b. FATHER		42b. FATHER (Usual)		42d. FATHER	
43. EDUCATION (Check the box that best describes the highest degree or level of school completed at the time of delivery.)					
43a. MOTHER'S EDUCATION		43b. FATHER'S EDUCATION			
<input type="checkbox"/> 8 <sup>th</sup> grade or less <input type="checkbox"/> Some College credit, but no degree <input type="checkbox"/> Unknown <input type="checkbox"/> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)		<input type="checkbox"/> 9 <sup>th</sup> - 12 <sup>th</sup> grade; no diploma <input type="checkbox"/> Associate degree (e.g., AA,AS) <input type="checkbox"/> Doctorate (e.g., PhD, EdD) or Professional degree (e.g., MD, DDS, DVM, LLB, JD)		<input type="checkbox"/> High school graduate or GED <input type="checkbox"/> Bachelor's degree (e.g., BA, AB, BS)	
44. PREVIOUS LIVE BIRTHS (Do not include this child.)		45. NUMBER OF OTHER OUTCOMES (Spontaneous or induced losses or ectopic or stillbirth pregnancies)		46. PRENATAL CARE? <input type="checkbox"/> Yes <input type="checkbox"/> No	
44a. Now living Number _____ <input type="checkbox"/> None	44b. Now dead Number _____ <input type="checkbox"/> None	45a. Before 20 weeks Number _____ <input type="checkbox"/> None	45b. 20 weeks & over Number _____ <input type="checkbox"/> None	47. DATE OF FIRST PRENATAL CARE VISIT (Month, Day, Year)	
44c. DATE OF LAST LIVE BIRTH (Month, Year)		45c. DATE OF LAST OTHER PREGNANCY OUTCOME (Month, Year)		48. DATE OF LAST PRENATAL CARE VISIT (Month, Day, Year)	
49. PRENATAL VISITS-Total Number (If none, enter "0")		50. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)		51. OBSTETRIC ESTIMATE OF GESTATION (Completed Weeks)	
52. PLURALITY-Single, Twin, Triplet, etc. (Specify)		53. IF NOT A SINGLE BIRTH - Born First, Second, Third, etc. (Specify)		54. TOTAL LIVE BIRTHS AT THIS DELIVERY	
55. IS INFANT ALIVE AT THE TIME OF THIS REPORT? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		56. IS INFANT BEING BREAST-FED AT DISCHARGE? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
57. CIGARETTE SMOKING BEFORE & DURING PREGNANCY: Did mother smoke 3 mos. before or during pregnancy? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown For each time period, enter either the number of cigarettes or the number of packs of cigarettes smoked <b>per day</b> during each time period. If none, enter "0". Average number of cigarettes or packs of cigarettes <b>smoked per day</b> for each period: No. No. Three months before pregnancy: _____ cigarettes or _____ packs First three months of pregnancy: _____ cigarettes or _____ packs Second three months of pregnancy: _____ cigarettes or _____ packs Third Trimester of pregnancy: _____ cigarettes or _____ packs				58. PRINCIPAL SOURCE OF PAYMENT FOR THIS DELIVERY <input type="checkbox"/> Medicaid <input type="checkbox"/> Private/Employer Ins. <input type="checkbox"/> Self-pay <input type="checkbox"/> Indian Health Service <input type="checkbox"/> CHAMPUS/TRICARE <input type="checkbox"/> Other government <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Unknown	
61. MOTHER TRANSFERRED IN FOR DELIVERY DUE TO MATERNAL, MEDICAL, OR FETAL INDICATIONS? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, enter facility name) FACILITY TRANSFERRED FROM:				59. MOTHER'S MEDICAL RECORD NO.	
62. INFANT TRANSFERRED (Within 24 hours of delivery) <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, enter facility name) FACILITY TRANSFERRED TO:				60. NEWBORN'S MEDICAL RECORD NO.	

CHILD'S NAME \_\_\_\_\_

MOTHER'S NAME \_\_\_\_\_

PRENATAL (Birth)	LABOR-DELIVERY/NEWBORN				
<b>63. NUTRITION OF MOTHER</b> 1. Height _____ 2. Prepregnancy Weight _____ 3. Weight at delivery _____ 4. Did mother get WIC food for herself? Yes _____ No _____ Unknown _____	<b>66. OBSTETRICAL PROCEDURES</b> (Check all that apply.) 1. <input type="checkbox"/> Cervical cerclage 2. <input type="checkbox"/> Tocolysis 3. External cephalic version: <input type="checkbox"/> Successful <input type="checkbox"/> Failed 4. <input type="checkbox"/> None of the above	<b>70. INFECTIONS PRESENT AND/OR TREATED</b> (During this pregnancy, check all that apply.) 1. <input type="checkbox"/> Gonorrhea 2. <input type="checkbox"/> Syphilis 3. <input type="checkbox"/> Herpes Simplex Virus (HSV) 4. <input type="checkbox"/> Chlamydia 5. <input type="checkbox"/> Hepatitis B 6. <input type="checkbox"/> Hepatitis C 7. <input type="checkbox"/> AIDS or HIV antibody 8. <input type="checkbox"/> None of the above			
<b>64. MEDICAL RISK FACTORS</b> (Check all that apply.) 1. <input type="checkbox"/> Diabetes, prepregnancy 2. <input type="checkbox"/> Diabetes, gestational 3. Hypertension <input type="checkbox"/> Prepregnancy (Chronic) <input type="checkbox"/> Gestational (PIH, preeclampsia) <input type="checkbox"/> Eclampsia 4. <input type="checkbox"/> Previous preterm birth 5. <input type="checkbox"/> Other previous poor pregnancy outcome (SGA, perinatal death, etc.) 6. <input type="checkbox"/> Vaginal bleeding during this pregnancy prior to labor 7. <input type="checkbox"/> Pregnancy resulted from infertility treatment (If yes, check all that apply.) <input type="checkbox"/> Fertility-enhancing drugs, Artificial insemination or Intrauterine insemination <input type="checkbox"/> Assisted reproductive technology (e.g. in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT)) 8. <input type="checkbox"/> Mother had a previous cesarean delivery, if yes, how many? Number: _____ 9. <input type="checkbox"/> Alcohol use No. of drinks per week: _____ 10. <input type="checkbox"/> None of the above	<b>67. ONSET OF LABOR</b> (Check all that apply.) 1. <input type="checkbox"/> Premature Rupture of the Membranes (prolonged, $\geq 12$ hours) 2. <input type="checkbox"/> Precipitous Labor (< 3 hrs) 3. <input type="checkbox"/> Prolonged Labor ( $\geq 20$ hrs) 4. <input type="checkbox"/> None of the above	<b>71. ABNORMAL CONDITIONS OF NEWBORN</b> (Check all that apply) 1. <input type="checkbox"/> Assisted ventilation required immediately following delivery 2. <input type="checkbox"/> Assisted ventilation required for more than six hours 3. <input type="checkbox"/> NICU admission 4. <input type="checkbox"/> Newborn given surfactant replacement therapy 5. <input type="checkbox"/> Antibiotics received by the newborn for suspected neonatal sepsis 6. <input type="checkbox"/> Seizure or serious neurologic dysfunction 7. <input type="checkbox"/> Significant birth injury (skeletal fracture(s), peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention) 8. <input type="checkbox"/> None of the above			
<b>65. METHOD OF DELIVERY</b> 1. Forceps attempted? Yes _____ No _____ Successful Yes _____ No _____ 2. Vacuum extraction attempted? Yes _____ No _____ Successful Yes _____ No _____ 3. Fetal presentation at delivery <input type="checkbox"/> Cephalic <input type="checkbox"/> Breech <input type="checkbox"/> Other 4. Final route and method of delivery (check one) <input type="checkbox"/> Vaginal/spontaneous <input type="checkbox"/> Vaginal/forceps <input type="checkbox"/> Vaginal/vacuum <input type="checkbox"/> Cesarean, if cesarean was a trial of labor attempted? Yes _____ No _____	<b>68. CHARACTERISTICS OF LABOR AND DELIVERY</b> (Check all that apply.) 1. <input type="checkbox"/> Induction of labor 2. <input type="checkbox"/> Augmentation of labor 3. <input type="checkbox"/> Non-vertex presentation 4. <input type="checkbox"/> Steroids (glucocorticoids) for fetal lung maturation received by the mother prior to delivery 5. <input type="checkbox"/> Antibiotics received by the mother during labor 6. <input type="checkbox"/> Clinical chorioamnionitis diagnosed during labor or maternal temperature $\geq 38$ C (100.4 F) 7. <input type="checkbox"/> Moderate/heavy meconium staining of the amniotic fluid 8. <input type="checkbox"/> Fetal intolerance of labor: (examples: in-utero resuscitative measures, further fetal assessment, or operative delivery) 9. <input type="checkbox"/> Epidural or spinal anesthesia during labor 10. <input type="checkbox"/> None of the above	<b>72. VACCINES ADMINISTERED TO NEWBORN</b> 1. <input type="checkbox"/> Hepatitis B Date Given: _____ 2. <input type="checkbox"/> Other* Specify: _____ Date Given: _____ <b>73. APGAR SCORE</b> <table border="1" data-bbox="850 840 1560 919"> <tr> <td>1 min</td> <td>5 min</td> <td>10 min</td> </tr> </table>	1 min	5 min	10 min
1 min	5 min	10 min			
	<b>69. MATERNAL MORBIDITY</b> (Check all that apply.) (These are complications associated with labor and delivery.) 1. <input type="checkbox"/> Maternal transfusion 2. <input type="checkbox"/> Third or fourth degree perineal laceration 3. <input type="checkbox"/> Ruptured uterus 4. <input type="checkbox"/> Unplanned hysterectomy 5. <input type="checkbox"/> Admission to intensive care unit 6. <input type="checkbox"/> Unplanned operating room procedure following delivery 7. <input type="checkbox"/> None of the above	<b>74. CONGENITAL ANOMALIES OF THE NEWBORN</b> (Check all that apply.) 1. <input type="checkbox"/> Anencephaly 2. <input type="checkbox"/> Meningomyelocele/Spina bifida 3. <input type="checkbox"/> Cyanotic congenital heart disease 4. <input type="checkbox"/> Congenital diaphragmatic hernia 5. <input type="checkbox"/> Omphalocele 6. <input type="checkbox"/> Gastroschisis 7. <input type="checkbox"/> Limb reduction defect (excluding congenital amputation and dwarfing syndromes) 8. <input type="checkbox"/> Cleft Lip with or without Cleft Palate 9. <input type="checkbox"/> Cleft Palate alone 10. <input type="checkbox"/> Down Syndrome <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending 11. <input type="checkbox"/> Suspected chromosomal disorder <input type="checkbox"/> Karyotype confirmed <input type="checkbox"/> Karyotype pending 12. <input type="checkbox"/> Hypospadias 13. <input type="checkbox"/> Fetal alcohol syndrome 14. <input type="checkbox"/> Other congenital anomalies (Specify) _____ 15. <input type="checkbox"/> None of the above			

Parent's Telephone Number: \_\_\_\_\_

CHILD'S NAME \_\_\_\_\_

MOTHER'S NAME \_\_\_\_\_

<p>Test required by K.S.A. 65-153f 153G Serological Test Made:</p> <p>_____ 1<sup>st</sup> _____ 2<sup>nd</sup> _____ 3<sup>rd</sup> (Trimester) _____ At Delivery _____ Not Performed</p> <p>If no test made, state reason:</p>	<p>Test required by K.S.A. 65-180 Infant Neonatal Screening specimen taken:</p> <p>_____ Yes _____ No</p> <p>Kit Number _____</p> <p>If no test made, state reason:</p>	<p>Test required by K.S.A. 65-1157A Newborn Hearing Screening Accomplished:</p> <p>_____ Yes _____ No</p>
--	---	---

Infant's patient number: \_\_\_\_\_

Infant's Primary Care Physician

First	Middle	Last	Title (MD, DO, etc.)
-------	--------	------	----------------------

<p>If screening accomplished, Date hearing screened _____</p> <p>Month / Day / Year</p>	<p>The results of the hearing screening ✓:</p> <p>Right ear: _____ Pass _____ Refer for further testing Left ear: _____ Pass _____ Refer for further testing</p>
---	--

Physiologic equipment used ✓: \_\_\_\_\_ OAE \_\_\_\_\_ AABR \_\_\_\_\_ ABR

If screening not accomplished, ✓ one reason:

_____ b – missed appointment	_____ o – other
_____ c – could not test	_____ r – did not consent
_____ d – deceased	_____ s – scheduled but not completed
_____ i – Incomplete test	_____ t – transferred to another hospital
_____ m – Infant discharged before screening	_____ u – no information
_____ n – transferred to NICU	_____ x – invalid results

TYPE  
OR  
PRINT IN  
PERMANENT  
INK

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
Bureau of Epidemiology and Public Health Informatics  
Curtis State Office Building, Suite 130  
1000 SW Jackson  
Topeka, Kansas 66612-1354  
785-296-8627

Report of Induced Termination of Pregnancy

State File Number

INSTRUCTIONS SEE HANDBOOK

1. Provider Identification Number																					
2. Patient ID Number		3. Age on Last Birthday																			
		4. Married <input type="checkbox"/> Yes <input type="checkbox"/> No																			
		5. Date of Pregnancy Termination <table style="width: 100%; border: none;"> <tr> <td style="border: none; text-align: center;"> <table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table> </td> <td style="border: none; text-align: center;"> <table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table> </td> <td style="border: none; text-align: center;"> <table border="1" style="display: inline-table; width: 40px; height: 20px;"> <tr><td> </td><td> </td></tr> </table> </td> </tr> <tr> <td style="border: none; text-align: center;">Month</td> <td style="border: none; text-align: center;">Day</td> <td style="border: none; text-align: center;">Year</td> </tr> </table>		<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 40px; height: 20px;"> <tr><td> </td><td> </td></tr> </table>			Month	Day	Year								
<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 40px; height: 20px;"> <tr><td> </td><td> </td></tr> </table>																	
Month	Day	Year																			
6a. Residence US State or Country	6b. County	6c. City or Town	6d. Inside City Limits <input type="checkbox"/> Yes <input type="checkbox"/> No																		
7a. Hispanic Origin <i>(Check the box or boxes that best describes whether the individual is Spanish, Hispanic, or Latina, or not Spanish, Hispanic, or Latina)</i>		7b. Ancestry <i>(Enter the name of the country that best describes the heritage or origin of the individual)</i>	8. Race <i>(Check one or more races to indicate what the individual considers herself to be)</i>																		
<input type="checkbox"/> Not Spanish, Hispanic, or Latina <input type="checkbox"/> Mexican, Mexican American, or Chicana <input type="checkbox"/> Puerto Rican <input type="checkbox"/> Cuban <input type="checkbox"/> Central American <input type="checkbox"/> South American <input type="checkbox"/> Other Spanish, Hispanic, or Latina (specify) _____ <input type="checkbox"/> Unknown		<input type="checkbox"/> White <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native Principal Tribe(s) _____ <input type="checkbox"/> Asian Indian <input type="checkbox"/> Chinese <input type="checkbox"/> Filipino <input type="checkbox"/> Japanese <input type="checkbox"/> Korean <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other Asian (specify) _____ <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Guamanian or Chamorro <input type="checkbox"/> Samoan <input type="checkbox"/> Other Pacific Islander (specify) _____ <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Unknown	9. Education <i>(specify only highest grade completed)</i> <input type="checkbox"/> 8th grade or less <input type="checkbox"/> 9th-12th grade no diploma <input type="checkbox"/> High school graduate/GED <input type="checkbox"/> Some College - no degree <input type="checkbox"/> Associate degree <input type="checkbox"/> Bachelor's degree <input type="checkbox"/> Master's degree <input type="checkbox"/> Doctorate <input type="checkbox"/> Unknown																		
10. Date Last Normal Menses Began		11. Clinical Estimate of Gestation <i>(Weeks) (1)</i>	12. Previous Pregnancies <i>(Enter number or zero in every section)</i>																		
<table style="width: 100%; border: none;"> <tr> <td style="border: none; text-align: center;"> <table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table> </td> <td style="border: none; text-align: center;"> <table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table> </td> <td style="border: none; text-align: center;"> <table border="1" style="display: inline-table; width: 40px; height: 20px;"> <tr><td> </td><td> </td></tr> </table> </td> </tr> <tr> <td style="border: none; text-align: center;">Month</td> <td style="border: none; text-align: center;">Day</td> <td style="border: none; text-align: center;">Year</td> </tr> </table>		<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 40px; height: 20px;"> <tr><td> </td><td> </td></tr> </table>			Month	Day	Year		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Live Births</td> <td colspan="1">12c. Previous Induced Abortions</td> <td colspan="1">12d. Spontaneous Terminations (Miscarriages, Fetal Deaths)</td> </tr> <tr> <td style="width: 50%;">12a. Now Living</td> <td style="width: 50%;">12b. Now Dead</td> <td></td> <td></td> </tr> </table>	Live Births		12c. Previous Induced Abortions	12d. Spontaneous Terminations (Miscarriages, Fetal Deaths)	12a. Now Living	12b. Now Dead		
<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 30px; height: 20px;"> <tr><td> </td></tr> </table>		<table border="1" style="display: inline-table; width: 40px; height: 20px;"> <tr><td> </td><td> </td></tr> </table>																	
Month	Day	Year																			
Live Births		12c. Previous Induced Abortions	12d. Spontaneous Terminations (Miscarriages, Fetal Deaths)																		
12a. Now Living	12b. Now Dead																				
<b>13 TERMINATION PROCEDURES</b>																					
13a Procedure that terminated pregnancy <i>(Check only one)</i>		13b Additional procedures used for this termination, if any <i>(Check all that apply)</i>																			
<input type="checkbox"/> Suction Curettage <input type="checkbox"/> Sharp Curettage <input type="checkbox"/> Dilation & Evacuation <input type="checkbox"/> Medical Procedure I (Mifepristone) <input type="checkbox"/> Medical Procedure II (Methotrexate) <input type="checkbox"/> Intra-Uterine Prostaglandin Instillation <input type="checkbox"/> Hysterotomy <input type="checkbox"/> Hysterectomy <input type="checkbox"/> Digoxin/Induction <input type="checkbox"/> Partial Birth (2) <input type="checkbox"/> Other (Specify) _____		<input type="checkbox"/> Suction Curettage <input type="checkbox"/> Sharp Curettage <input type="checkbox"/> Dilation & Evacuation <input type="checkbox"/> Medical Procedure I (Mifepristone) <input type="checkbox"/> Medical Procedure II (Methotrexate) <input type="checkbox"/> Intra-Uterine Prostaglandin Instillation <input type="checkbox"/> Hysterotomy <input type="checkbox"/> Hysterectomy <input type="checkbox"/> Digoxin/Induction <input type="checkbox"/> Partial Birth (2) <input type="checkbox"/> Other (Specify) _____																			
14 Reasons for determining gestational age - describe methods used																					
15. Was Report of physical, mental, or emotional abuse or neglect filed pursuant to K.S.A. 38-2223 YES <input type="checkbox"/> NO <input type="checkbox"/>																					

1 If clinical estimate of gestational age is 22 weeks or more, complete reverse side of form

2 If Partial Birth Procedure as defined by KSA 65-6721 is used, complete reverse side of form

**Complete the following items only if the clinical estimate of gestational age is 22 weeks or more**

16a Was fetus viable?  
 YES       NO

16b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes

Complete 17a-c only if 16a is yes

17a Was this abortion necessary to  
(Check all that apply)  
 Prevent patient's death  
 Prevent substantial and irreversible impairment of a major bodily function

17b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes

17c Basis for determination - describe medical reasons and basis; include medical procedure/diagnosis codes

**Complete the following items only if a partial birth procedure was performed**

18a Was fetus viable?  
 YES       NO

18b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes

Complete 19a-b only if 18a is yes

19a Was this abortion necessary to  
(Check all that apply)  
 Prevent patient's death  
 Prevent substantial and irreversible physical impairment of a major bodily function

19b Reasons for the determination - describe medical reasons and basis; include medical procedure/diagnosis codes