



Kansas

Adolescent and Teenage Pregnancy Report Kansas, 2007

Research Summary

**Center for Health and Environmental Statistics
Division of Health**

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Our Vision – Healthy Kansans Living in Safe and Sustainable Environments

As the state's environmental protection and public health agency, KDHE promotes responsible choices to protect the health and environment for all Kansans. Through education, direct services, and the assessment of data and trends, coupled with policy development and enforcement, KDHE will improve health and quality of life. We prevent illness, injuries and foster a safe and sustainable environment for the people of Kansas.

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Introduction

Maintaining and improving family health is an essential component of the public health mission of the Kansas Department of Health and Environment. Facilitating healthy pregnancies and positive 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 members of that society. It is in this role the department, through the Division of Health's Center for Health and Environmental Statistics (CHES), provides this report so progress in reducing adolescent and teen pregnancy can be monitored.

While the department provides a series of tables on teen and adolescent pregnancies in the *Kansas Annual Summary of Vital Statistics*, this report builds on that information by combining additional analytical tables into one resource. Adolescent and teen pregnancies are evaluated in a number of different ways. Thus, in this report the reader will see a number of different combinations of age-groups, i.e., 10-14, 15-17, 18-19, and 10-19, used in the tabulations. This is not meant to confuse the reader but to provide the diverse audience of legislators, policy makers, media, program administrations and the public who closely monitor pregnancy issues with a data summary that meets their needs.

For purposes of this report adolescents and teens refer to persons who range in age from 10 to 19. Pregnancies are defined as stillbirths, abortions, and live births. Data for this report are obtained through analysis of reports and certificates registered with the CHES Office of Vital Statistics. Readers will be able to review both the frequency of adolescent and teen pregnancies as well as the population-based rate. Using the population-based rates, comparisons among counties or with the state are possible. Multi-year rates are prepared for those instances where low counts may inordinately influence a single-year rate.

Several of these tables are taken from the *2007 Annual Summary of Vital Statistics*. Both products can be found at <http://www.kdheks.gov/ches/index.html>. Other tabulations of pregnancy data are possible at the Kansas Information for Communities (KIC) Website: <http://kic.kdhe.state.ks.us/kic/preg.html>.

Highlights

Teenage females (10-19) accounted for eleven percent (11.0) of the pregnancies (47,816) in 2007. Eighty-two percent (81.8) of the teenage pregnancies resulted in a live birth (4,310), eighteen (17.7) percent in abortion (930) and the rest in stillbirths (28).

The pregnancy rate for females ages 10-19 was 27.8 per 1,000 women in 2007, up 2.6 percent from 2006 (27.1).

The rates for teenage subgroups 10-17 (10.9) and 15-19 (53.2) each rose 4.8 and 1.9 percent respectively between 2006 and 2007. The rate for teenagers, 10-14 (0.8) years, declined 11.1 percent during this time period.

Despite an increase in the number and rate of teenage pregnancies in 2005, 2006 and 2007, the longer term trend is still downward. Teenage pregnancy rates (10-19) dropped 17.5 percent overall during the past two decades 1988-2007.

Of the 5,268 Kansas females age 10-19 who were pregnant in 2007, most (98.7 percent) were between 15 and 19 years of age. The Kansas teenage pregnancy rates for females 15-19 years of age decreased 21.4 percent between 1988 and 2007. Teen pregnancy rates for females ages 10-17 decreased 31.4 percent during this same time frame.

In 2007, densely-settled rural counties had the highest pregnancy rates for 10-19 year old females, followed by urban and semi-urban.

The five-year 2003-2007 teen pregnancy rate for Kansas resident females 10-19 years of age was 26.8. Thirty-three of the state's 105 counties have five-year teen pregnancy rates greater than the state rate. The lowest five-year rate in the state was in Wallace County with 4.9 pregnancies per 1,000 females 10-19 years of age. The highest rate was in Geary and Seward Counties with 51.7 per 1,000 females 10-19 years of age.

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**Teenage Pregnancies by Number and Rate
For Mothers Under 20
Kansas Residents, 1988-2007**

Year	Teen (10-19) Pregnancies	Age-Group				Teen (10-19) Pregnancy Rate	Pregnancy Rate		
		10-14	15-17	18-19	15-19		10-14	10-17	15-19
1988	5,903	90	2,004	3,809	5,813	33.7	1.0	15.9	67.7
1989	5,873	117	1,871	3,885	5,756	33.4	1.3	14.9	68.6
1990	5,993	93	1,930	3,970	5,900	35.1	1.1	15.0	70.5
1991	5,743	98	1,904	3,741	5,645	33.3	1.1	14.4	69.0
1992	6,165	111	2,110	3,944	6,054	34.8	1.2	15.4	72.6
1993	6,405	133	2,219	4,053	6,272	35.2	1.4	15.9	73.3
1994	6,500	124	2,302	4,074	6,376	34.8	1.3	15.9	71.9
1995	6,552	153	2,332	4,067	6,399	34.5	1.6	16.1	69.5
1996	6,498	133	2,276	4,089	6,365	33.9	1.4	15.6	67.0
1997	6,469	123	2,260	4,086	6,346	33.3	1.3	15.3	64.7
1998	6,444	108	2,087	4,249	6,336	32.4	1.1	13.8	62.0
1999	6,402	103	1,979	4,320	6,299	31.9	1.1	13.1	60.7
2000	6,090	94	1,819	4,177	5,996	30.3	0.9	12.0	58.7
2001	5,818	79	1,819	3,920	5,739	28.8	0.8	11.9	56.0
2002	5,586	86	1,684	3,816	5,500	28.3	0.9	11.3	54.7
2003	5,174	73	1,559	3,542	5,101	26.4	0.8	10.5	51.3
2004	5,026	71	1,492	3,463	4,955	26.1	0.8	10.3	50.3
2005	5,044	69	1,483	3,492	4,975	26.7	0.8	10.4	50.8
2006	5,192	85	1,507	3,600	5,107	27.1	0.9	10.4	52.2
2007	5,268	70	1,573	3,625	5,198	27.8	0.8	10.9	53.2

*Rate per 1,000 female age-group population

Teenage pregnancies is the sum of live births, stillbirths and abortions.

Residence data

**Teenage Pregnancies* for 10-19 Year Olds by Component
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births		Stillbirths		Abortions		Total Pregnancies		Teenage** Pregnancy Rate		Teenage** Preg. 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	10-19
ALLEN	0	25	0	2	0	0	0	27	0.0	58.7	32.1
ANDERSON	0	13	0	0	0	5	0	18	0.0	65.7	34.4
ATCHISON	0	28	0	0	0	6	0	34	0.0	50.4	27.2
BARBER	0	5	0	0	0	1	0	6	0.0	37.7	18.8
BARTON	1	59	0	0	1	6	2	65	2.3	60.6	34.3
BOURBON	0	47	0	0	0	3	0	50	0.0	95.4	49.8
BROWN	0	16	0	0	0	4	0	20	0.0	59.2	30.1
BUTLER	0	77	0	0	0	21	0	98	0.0	40.7	21.4
CHASE	0	4	0	0	0	0	0	4	0.0	48.8	27.4
CHAUTAUQUA	0	3	0	0	0	1	0	4	0.0	28.2	15.2
CHEROKEE	0	39	0	0	0	0	0	39	0.0	49.7	26.1
CHEYENNE	0	2	0	0	0	1	0	3	0.0	32.6	20.1
CLARK	0	3	0	0	0	0	0	3	0.0	43.5	21.6
CLAY	0	9	0	0	0	1	0	10	0.0	36.9	19.3
CLOUD	0	17	0	0	0	3	0	20	0.0	48.7	29.6
COFFEY	0	6	0	0	0	3	0	9	0.0	36.7	17.2
COMANCHE	0	2	0	0	0	0	0	2	0.0	40.0	20.2
COWLEY	1	70	0	0	0	6	1	76	0.9	52.4	29.5
CRAWFORD	2	74	0	1	0	7	2	82	1.8	56.5	33.0
DECATUR	0	2	0	0	0	0	0	2	0.0	20.8	11.7
DICKINSON	1	27	0	1	0	3	1	31	1.7	50.2	26.5
DONIPHAN	0	8	0	0	0	3	0	11	0.0	31.6	18.1
DOUGLAS	0	84	0	2	1	58	1	144	0.3	26.0	17.1
EDWARDS	0	9	0	0	1	1	1	10	10.8	117.6	61.8
ELK	0	6	0	0	0	1	0	7	0.0	73.7	40.9
ELLIS	0	28	0	0	0	11	0	39	0.0	35.8	22.2
ELLSWORTH	0	2	0	0	0	3	0	5	0.0	29.4	15.1
FINNEY	3	103	0	0	0	7	3	110	1.8	66.1	33.7
FORD	2	84	0	0	2	6	4	90	3.2	73.5	37.7
FRANKLIN	1	41	0	0	0	4	1	45	1.2	49.0	26.3
GEARY	1	74	0	0	2	10	3	84	3.4	103.3	51.4
GOVE	0	0	0	0	0	1	0	1	0.0	11.4	5.3
GRAHAM	0	0	0	0	0	1	0	1	0.0	12.0	6.5
GRANT	0	25	0	0	0	0	0	25	0.0	85.3	44.0
GRAY	0	9	0	0	0	1	0	10	0.0	55.6	25.3
GREELEY	0	0	0	0	0	0	0	0	0.0	0.0	0.0
GREENWOOD	0	11	0	0	0	4	0	15	0.0	71.8	37.5
HAMILTON	0	8	0	0	0	1	0	9	0.0	85.7	47.1
HARPER	0	9	0	0	0	2	0	11	0.0	64.7	30.8
HARVEY	1	37	0	0	0	10	1	47	0.9	38.6	20.7
HASKELL	0	6	0	0	0	1	0	7	0.0	49.3	23.4
HODGEMAN	0	1	0	1	0	1	0	3	0.0	38.0	20.7
JACKSON	0	14	0	0	0	0	0	14	0.0	31.3	15.6
JEFFERSON	0	24	0	1	0	5	0	30	0.0	49.8	24.9
JEWELL	0	3	0	0	0	0	0	3	0.0	31.6	16.1
JOHNSON	1	346	0	1	3	209	4	556	0.2	33.7	16.1
KEARNY	0	8	0	0	0	1	0	9	0.0	58.4	30.5
KINGMAN	0	10	0	0	0	0	0	10	0.0	36.5	18.9
KIOWA	0	1	0	0	0	1	0	2	0.0	19.2	11.0
LABETTE	0	62	0	0	0	8	0	70	0.0	91.4	48.5
LANE	0	0	0	0	0	0	0	0	0.0	0.0	0.0
LEAVENWORTH	0	89	0	2	0	24	0	115	0.0	45.3	22.4
LINCOLN	0	3	0	0	0	0	0	3	0.0	39.5	16.9
LINN	0	12	0	0	0	2	0	14	0.0	48.4	24.9
LOGAN	0	0	0	0	0	0	0	0	0.0	0.0	0.0

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By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births		Stillbirths		Abortions		Total Pregnancies		Teenage** Pregnancy Rate		Teenage** Preg. 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	10-19
LYON	1	63	1	0	0	10	2	73	1.8	48.3	28.7
MARION	0	10	0	0	0	2	0	12	0.0	25.7	14.1
MARSHALL	0	3	0	0	0	2	0	5	0.0	14.7	8.3
MCPHERSON	0	21	0	0	0	6	0	27	0.0	25.6	14.4
MEADE	0	5	0	0	0	1	0	6	0.0	42.9	17.9
MIAMI	0	33	0	0	0	3	0	36	0.0	35.1	17.2
MITCHELL	0	6	0	0	0	1	0	7	0.0	24.6	15.4
MONTGOMERY	1	80	0	1	0	6	1	87	1.0	76.1	40.8
MORRIS	0	8	0	0	0	1	0	9	0.0	43.1	23.7
MORTON	0	8	0	0	0	1	0	9	0.0	79.6	38.6
NEMAHA	0	4	0	1	0	1	0	6	0.0	17.4	8.3
NEOSHO	0	38	0	1	0	4	0	43	0.0	73.9	40.0
NESS	0	4	0	0	0	1	0	5	0.0	57.5	31.3
NORTON	0	5	0	0	0	1	0	6	0.0	46.2	21.8
OSAGE	0	22	0	0	0	4	0	26	0.0	45.2	22.7
OSBORNE	0	8	0	0	0	0	0	8	0.0	68.4	34.3
OTTAWA	0	6	0	0	0	0	0	6	0.0	31.3	16.3
PAWNEE	0	11	0	0	0	1	0	12	0.0	54.8	30.1
PHILLIPS	0	3	0	0	0	0	0	3	0.0	17.8	9.1
POTTAWATOMIE	0	22	0	0	0	3	0	25	0.0	34.2	17.5
PRATT	0	19	0	0	0	3	0	22	0.0	70.3	36.7
RAWLINS	1	1	0	0	0	0	1	1	13.2	11.8	12.4
RENO	0	95	0	0	0	20	0	115	0.0	58.0	29.7
REPUBLIC	0	4	0	0	0	2	0	6	0.0	42.3	24.3
RICE	0	11	0	0	0	0	0	11	0.0	21.7	14.1
RILEY	0	66	0	0	1	26	1	92	0.7	25.4	18.2
ROOKS	0	8	0	0	0	1	0	9	0.0	62.9	29.8
RUSH	0	1	0	0	0	1	0	2	0.0	20.4	10.9
RUSSELL	0	5	0	0	0	1	0	6	0.0	33.0	16.1
SALINE	2	104	0	0	0	10	2	114	1.1	68.6	34.0
SCOTT	0	12	0	0	0	0	0	12	0.0	83.9	42.9
SEDGWICK	9	937	0	8	4	174	13	1,119	0.8	68.8	33.9
SEWARD	2	89	0	0	0	3	2	92	2.2	102.1	51.9
SHAWNEE	6	319	0	3	3	64	9	386	1.6	71.9	36.1
SHERIDAN	0	5	0	0	0	0	0	5	0.0	57.5	33.6
SHERMAN	0	12	0	0	0	0	0	12	0.0	58.8	34.5
SMITH	0	3	0	0	0	0	0	3	0.0	25.2	13.2
STAFFORD	0	5	0	0	0	4	0	9	0.0	53.3	29.3
STANTON	0	12	0	0	0	0	0	12	0.0	144.6	76.9
STEVENS	0	14	0	0	0	0	0	14	0.0	71.8	36.8
SUMNER	0	28	0	0	0	2	0	30	0.0	32.8	16.9
THOMAS	0	8	0	0	0	1	0	9	0.0	24.0	14.0
TREGO	0	3	0	0	0	0	0	3	0.0	39.5	18.2
WABAUNSEE	0	4	0	0	0	3	0	7	0.0	34.1	16.9
WALLACE	0	0	0	0	0	0	0	0	0.0	0.0	0.0
WASHINGTON	0	5	0	0	0	1	0	6	0.0	31.9	16.7
WICHITA	0	6	0	0	0	0	0	6	0.0	81.1	35.7
WILSON	0	23	0	0	0	1	0	24	0.0	75.7	39.0
WOODSON	0	6	0	0	0	2	0	8	0.0	90.9	46.5
WYANDOTTE	11	453	1	1	3	93	15	547	2.7	100.2	51.4
UNKNOWN	0	0	0	0	0	2	0	2	n/a	n/a	n/a
KANSAS	47	4,263	2	26	21	909	70	5,198	0.8	53.2	27.8
Peer Group											
Frontier	1	113	0	1	1	14	2	128	0.7	44.9	23.5
Rural	0	354	0	1	0	58	0	413	0.0	40.9	21.8
Densely-Settled Rural	10	824	0	5	3	86	13	915	0.9	59.7	31.9
Semi-Urban	9	833	1	4	3	151	13	988	0.8	48.7	26.9
Urban	27	2,139	1	15	14	598	42	2,752	0.8	56.0	28.3

n/a = Not applicable

*Teenage pregnancies include the sum of live births, stillbirths and abortions

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

2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1/2007

Teenage Pregnancy* Rates (10-14, 15-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	Year										5-year Rate	
	2003		2004		2005		2006		2007			
	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	64.6	0.0	53.5	0.0	55.4	0.0	83.0	0.0	58.7	0.0	63.0
ANDERSON	0.0	34.1	0.0	57.3	0.0	31.0	0.0	52.2	0.0	65.7	0.0	48.1
ATCHISON	0.0	59.8	0.0	52.6	1.7	40.7	0.0	59.2	0.0	50.4	0.3	52.5
BARBER	0.0	28.3	0.0	29.1	0.0	30.5	0.0	37.0	0.0	37.7	0.0	32.5
BARTON	0.0	48.8	0.0	43.8	0.0	45.8	0.0	51.6	2.3	60.6	0.5	50.1
BOURBON	0.0	73.0	0.0	70.1	0.0	45.4	0.0	74.7	0.0	95.4	0.0	71.7
BROWN	0.0	40.6	0.0	50.8	0.0	54.3	3.1	64.4	0.0	59.2	0.6	53.9
BUTLER	0.0	35.0	0.0	38.2	0.4	41.0	0.0	38.9	0.0	40.7	0.1	38.8
CHASE	0.0	48.8	0.0	47.6	0.0	42.1	0.0	54.3	0.0	48.8	0.0	48.3
CHAUTAUQUA	0.0	39.7	0.0	21.0	0.0	13.1	0.0	43.5	0.0	28.2	0.0	29.1
CHEROKEE	0.0	55.5	1.3	60.2	0.0	77.6	0.0	59.4	0.0	49.7	0.3	60.5
CHEYENNE	0.0	9.3	0.0	18.0	0.0	28.3	0.0	51.0	0.0	32.6	0.0	27.8
CLARK	0.0	0.0	0.0	40.0	12.8	65.8	0.0	0.0	0.0	43.5	2.6	29.9
CLAY	0.0	40.5	0.0	16.0	3.7	56.5	0.0	51.3	0.0	36.9	0.7	40.2
CLOUD	0.0	51.7	0.0	29.6	0.0	25.9	3.5	38.9	0.0	48.7	0.7	39.0
COFFEY	0.0	36.5	0.0	34.9	0.0	38.2	0.0	47.1	0.0	36.7	0.0	38.7
COMANCHE	0.0	0.0	0.0	51.7	0.0	18.5	0.0	0.0	0.0	40.0	0.0	22.0
COWLEY	0.0	49.5	0.0	45.5	0.0	44.5	0.8	55.8	0.9	52.4	0.3	49.5
CRAWFORD	0.0	52.4	0.0	55.1	1.0	56.0	0.9	48.5	1.8	56.5	0.7	53.7
DECATUR	0.0	35.1	0.0	0.0	0.0	19.6	0.0	10.5	0.0	20.8	0.0	17.2
DICKINSON	1.5	30.5	1.6	48.4	0.0	35.9	0.0	54.1	1.7	50.2	1.0	43.8
DONIPHAN	0.0	32.4	0.0	27.5	0.0	17.4	0.0	22.9	0.0	31.6	0.0	26.4
DOUGLAS	1.1	24.2	0.4	26.9	0.0	27.2	0.3	20.9	0.3	26.0	0.4	25.0
EDWARDS	0.0	32.3	0.0	50.4	0.0	37.0	0.0	65.2	10.8	117.6	2.2	60.5
ELK	0.0	60.2	0.0	67.2	0.0	50.0	0.0	38.8	0.0	73.7	0.0	58.0
ELLIS	0.0	35.1	0.0	45.2	3.2	22.8	1.5	32.9	0.0	35.8	0.9	34.4
ELLSWORTH	0.0	30.4	0.0	4.7	0.0	36.3	0.0	60.1	0.0	29.4	0.0	32.2
FINNEY	0.6	93.0	0.6	85.7	0.0	79.1	2.7	80.9	1.8	66.1	1.1	81.0
FORD	0.8	89.3	2.3	89.8	1.5	69.8	0.8	82.9	3.2	73.5	1.7	81.1
FRANKLIN	1.0	55.2	2.1	50.0	3.4	61.1	1.1	56.3	1.2	49.0	1.8	54.3
GEARY	3.1	118.6	1.1	98.4	1.2	91.9	0.0	114.7	3.4	103.3	1.8	105.4
GOVE	0.0	9.8	0.0	41.2	0.0	34.1	0.0	0.0	0.0	11.4	0.0	19.3
GRAHAM	0.0	45.5	0.0	48.2	0.0	58.8	0.0	38.5	0.0	12.0	0.0	40.6
GRANT	0.0	67.4	0.0	63.8	0.0	64.8	0.0	60.6	0.0	85.3	0.0	68.4
GRAY	0.0	45.8	0.0	42.6	0.0	68.0	0.0	44.0	0.0	55.6	0.0	51.2
GREELEY	0.0	0.0	0.0	62.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5
GREENWOOD	0.0	48.0	0.0	68.0	0.0	78.0	0.0	38.1	0.0	71.8	0.0	60.8
HAMILTON	0.0	61.9	0.0	63.8	0.0	59.4	0.0	97.1	0.0	85.7	0.0	73.6
HARPER	0.0	44.7	0.0	48.6	0.0	42.1	0.0	41.7	0.0	64.7	0.0	48.4
HARVEY	0.8	38.5	0.0	26.8	0.0	38.6	0.0	37.9	0.9	38.6	0.3	36.1
HASKELL	0.0	46.2	0.0	116.6	6.3	43.8	5.5	42.0	0.0	49.3	2.4	59.6
HODGEMAN	0.0	39.2	0.0	0.0	0.0	12.2	0.0	35.7	0.0	38.0	0.0	25.0
JACKSON	0.0	41.7	2.1	37.6	0.0	48.1	0.0	37.5	0.0	31.3	0.4	39.2
JEFFERSON	0.0	50.3	0.0	32.9	0.0	36.6	0.0	51.0	0.0	49.8	0.0	44.1
JEWELL	0.0	0.0	0.0	17.9	0.0	19.8	0.0	10.0	0.0	31.6	0.0	15.9
JOHNSON	0.3	30.1	0.3	29.6	0.4	29.6	0.7	30.0	0.2	33.7	0.4	30.6
KEARNY	0.0	45.7	0.0	45.2	0.0	59.5	0.0	81.4	0.0	58.4	0.0	58.0
KINGMAN	0.0	24.7	0.0	22.9	0.0	22.2	0.0	35.6	0.0	36.5	0.0	28.4
KIOWA	0.0	48.0	0.0	22.9	0.0	27.5	0.0	29.4	0.0	19.2	0.0	29.4
LABETTE	0.0	55.6	2.6	51.9	4.0	62.0	4.1	68.4	0.0	91.4	2.1	65.9
LANE	0.0	15.6	0.0	15.9	0.0	47.6	0.0	0.0	0.0	0.0	0.0	15.8
LEAVENWORTH	0.0	44.6	0.0	44.5	0.4	38.1	1.5	40.8	0.0	45.3	0.4	42.7
LINCOLN	0.0	24.2	0.0	16.8	0.0	21.1	8.8	61.0	0.0	39.5	1.8	32.5
LINN	0.0	16.9	0.0	32.4	0.0	40.4	3.3	59.9	0.0	48.4	0.7	39.6
LOGAN	0.0	9.3	0.0	30.0	0.0	18.2	0.0	18.7	0.0	0.0	0.0	15.2

Teenage Pregnancy* Rates (10-14, 15-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	Year										5-year Rate	
	2003		2004		2005		2006		2007			
	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	0.9	60.9	0.9	59.0	0.0	56.3	0.9	50.7	1.8	48.3	0.9	55.0
MARION	0.0	21.0	0.0	17.5	0.0	22.5	0.0	14.4	0.0	25.7	0.0	20.2
MARSHALL	0.0	44.1	0.0	31.9	3.1	29.3	0.0	31.4	0.0	14.7	0.6	30.3
MCPHERSON	1.0	26.8	0.0	27.9	0.0	31.6	1.2	37.1	0.0	25.6	0.4	29.8
MEADE	0.0	50.3	0.0	42.2	0.0	67.5	0.0	27.8	0.0	42.9	0.0	46.1
MIAMI	0.9	35.4	0.0	44.4	0.0	31.5	0.0	42.7	0.0	35.1	0.2	37.8
MITCHELL	0.0	17.9	0.0	15.3	0.0	9.4	0.0	23.9	0.0	24.6	0.0	18.2
MONTGOMERY	0.0	63.1	0.0	75.8	0.0	73.2	0.0	78.1	1.0	76.1	0.2	73.3
MORRIS	0.0	15.2	0.0	45.2	0.0	44.1	0.0	30.2	0.0	43.1	0.0	35.6
MORTON	0.0	50.0	8.2	52.6	8.7	78.7	7.6	90.1	0.0	79.6	4.9	70.2
NEMAHA	0.0	20.0	0.0	16.1	0.0	9.7	0.0	32.0	0.0	17.4	0.0	19.0
NEOSHO	0.0	56.7	0.0	56.0	0.0	55.0	2.0	56.0	0.0	73.9	0.4	59.5
NESS	0.0	37.7	12.3	49.0	0.0	23.5	13.3	40.0	0.0	57.5	5.1	41.5
NORTON	0.0	5.6	0.0	17.0	0.0	68.8	0.0	21.6	0.0	46.2	0.0	31.8
OSAGE	1.5	41.9	0.0	40.4	0.0	36.9	0.0	49.7	0.0	45.2	0.3	42.8
OSBORNE	0.0	52.6	0.0	26.1	0.0	7.0	0.0	39.4	0.0	68.4	0.0	38.7
OTTAWA	0.0	34.0	0.0	31.7	0.0	40.2	0.0	46.2	0.0	31.3	0.0	36.7
PAWNEE	0.0	36.3	0.0	33.1	0.0	29.5	0.0	32.0	0.0	54.8	0.0	37.1
PHILLIPS	0.0	35.2	0.0	28.8	0.0	43.3	0.0	25.9	0.0	17.8	0.0	30.2
POTTAWATOMIE	0.0	27.0	1.4	29.9	0.0	17.4	0.0	29.9	0.0	34.2	0.3	27.7
PRATT	0.0	28.4	3.3	29.1	0.0	42.4	0.0	53.3	0.0	70.3	0.7	44.7
RAWLINS	0.0	20.8	0.0	0.0	0.0	0.0	0.0	23.3	13.2	11.8	2.6	11.2
RENO	0.5	54.2	0.0	55.1	1.6	58.3	1.1	51.0	0.0	58.0	0.6	55.3
REPUBLIC	0.0	29.0	0.0	28.8	0.0	38.5	0.0	67.5	0.0	42.3	0.0	41.2
RICE	0.0	39.0	0.0	34.8	0.0	41.5	0.0	33.2	0.0	21.7	0.0	34.0
RILEY	2.1	33.1	0.0	27.0	0.8	31.3	0.7	30.8	0.7	25.4	0.9	29.5
ROOKS	0.0	31.1	0.0	21.7	0.0	24.4	0.0	35.5	0.0	62.9	0.0	35.1
RUSH	0.0	25.4	0.0	35.1	0.0	18.5	0.0	49.5	0.0	20.4	0.0	29.8
RUSSELL	9.7	61.9	0.0	27.0	0.0	51.0	0.0	35.7	0.0	33.0	1.9	41.7
SALINE	0.0	68.5	1.1	53.6	0.6	72.2	1.7	76.2	1.1	68.6	0.9	67.8
SCOTT	0.0	27.5	0.0	34.1	0.0	76.9	0.0	40.8	0.0	83.9	0.0	52.6
SEDGWICK	0.7	65.8	1.0	67.3	0.8	69.5	0.9	68.2	0.8	68.8	0.8	67.9
SEWARD	4.5	109.9	0.0	97.8	1.1	101.2	3.2	97.5	2.2	102.1	2.2	101.7
SHAWNEE	1.4	66.2	1.3	66.2	0.6	65.2	0.5	64.6	1.6	71.9	1.1	66.8
SHERIDAN	0.0	0.0	0.0	35.4	0.0	20.2	0.0	0.0	0.0	57.5	0.0	22.6
SHERMAN	0.0	61.6	0.0	32.0	0.0	42.7	0.0	44.1	0.0	58.8	0.0	47.8
SMITH	0.0	12.9	0.0	13.2	0.0	13.8	0.0	29.4	0.0	25.2	0.0	18.9
STAFFORD	0.0	26.7	0.0	31.7	0.0	27.0	0.0	49.2	0.0	53.3	0.0	37.6
STANTON	0.0	11.2	0.0	58.1	0.0	88.6	0.0	36.1	0.0	144.6	0.0	67.7
STEVENS	0.0	61.0	4.7	65.3	0.0	85.8	5.1	33.2	0.0	71.8	2.0	63.4
SUMNER	1.0	41.9	0.0	36.1	2.2	47.4	0.0	43.8	0.0	32.8	0.6	40.4
THOMAS	0.0	36.3	0.0	50.2	3.7	23.3	0.0	37.9	0.0	24.0	0.7	34.3
TREGO	0.0	16.7	0.0	19.6	0.0	47.1	0.0	41.1	0.0	39.5	0.0	32.8
WABAUNSEE	0.0	32.3	0.0	38.8	4.5	34.2	0.0	24.3	0.0	34.1	0.9	32.7
WALLACE	0.0	13.0	0.0	16.1	0.0	0.0	0.0	18.9	0.0	0.0	0.0	9.6
WASHINGTON	0.0	24.5	0.0	9.4	0.0	23.5	0.0	5.1	0.0	31.9	0.0	18.9
WICHITA	0.0	46.5	0.0	95.9	0.0	47.6	0.0	112.9	0.0	81.1	0.0	76.8
WILSON	0.0	62.3	2.8	44.8	0.0	49.5	0.0	87.2	0.0	75.7	0.6	63.9
WOODSON	0.0	41.7	0.0	46.2	0.0	82.0	11.8	71.4	0.0	90.9	2.4	66.4
WYANDOTTE	3.3	110.9	3.2	105.2	2.7	101.7	2.8	108.7	2.7	100.2	2.9	105.3
KANSAS	0.8	51.3	0.8	50.3	0.8	50.8	0.9	52.2	0.8	53.2	0.8	51.6

*Teenage pregnancies include the sum of live births, stillbirths and abortions.

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

2003-2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1 of each year.

Source: Kansas Department of Health and Environment

Teenage Pregnancy* Rates (10-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
ALLEN	36.2	29.5	31.5	44.8	32.1	34.8
ANDERSON	17.1	28.3	16.0	25.9	34.4	24.3
ATCHISON	33.2	27.9	22.7	31.5	27.2	28.5
BARBER	15.2	16.3	17.1	19.7	18.8	17.4
BARTON	25.7	23.4	24.9	28.0	34.3	27.3
BOURBON	35.5	34.3	22.6	36.9	49.8	35.8
BROWN	21.3	26.5	28.2	35.1	30.1	28.2
BUTLER	17.7	19.7	21.7	20.2	21.4	20.1
CHASE	22.9	26.6	22.7	27.9	27.4	25.5
CHAUTAUQUA	19.1	10.1	6.9	22.6	15.2	14.8
CHEROKEE	27.3	30.3	39.2	30.0	26.1	30.6
CHEYENNE	4.7	10.0	15.7	28.2	20.1	15.7
CLARK	0.0	20.4	39.0	0.0	21.6	16.2
CLAY	19.8	8.4	30.6	26.3	19.3	20.9
CLOUD	29.0	17.0	15.5	24.4	29.6	23.1
COFFEY	20.1	19.3	19.4	21.9	17.2	19.6
COMANCHE	0.0	25.9	9.1	0.0	20.2	11.0
COWLEY	26.0	24.2	24.2	30.1	29.5	26.8
CRAWFORD	29.3	31.0	32.5	28.2	33.0	30.8
DECATUR	17.8	0.0	10.3	5.2	11.7	9.0
DICKINSON	16.9	26.8	18.9	28.2	26.5	23.5
DONIPHAN	17.8	15.0	9.8	13.2	18.1	14.8
DOUGLAS	15.8	17.4	18.3	13.8	17.1	16.5
EDWARDS	17.6	25.6	18.8	30.5	61.8	30.9
ELK	33.5	38.8	28.6	21.2	40.9	32.6
ELLIS	20.8	27.2	15.8	21.3	22.2	21.5
ELLSWORTH	16.9	2.6	19.3	31.5	15.1	17.1
FINNEY	43.8	41.4	37.7	39.2	33.7	39.2
FORD	43.1	43.9	34.6	40.7	37.7	40.0
FRANKLIN	28.7	27.1	33.6	29.3	26.3	29.0
GEARY	58.3	48.7	45.3	54.8	51.4	51.7
GOVE	5.0	19.5	15.1	0.0	5.3	9.0
GRAHAM	22.3	23.7	32.1	19.0	6.5	20.7
GRANT	35.3	32.9	31.5	30.4	44.0	34.8
GRAY	24.7	21.7	33.4	19.0	25.3	24.8
GREELEY	0.0	30.6	0.0	0.0	0.0	6.1
GREENWOOD	24.4	36.4	39.4	19.7	37.5	31.5
HAMILTON	29.4	31.1	33.3	52.4	47.1	38.7
HARPER	24.2	26.8	22.6	21.1	30.8	25.1
HARVEY	20.9	14.5	20.8	20.0	20.7	19.4
HASKELL	22.8	56.9	25.0	21.5	23.4	29.9
HODGEMAN	21.2	0.0	6.1	19.7	20.7	13.5
JACKSON	21.5	20.9	24.6	18.5	15.6	20.2
JEFFERSON	25.1	16.6	18.1	24.9	24.9	21.9
JEWELL	0.0	9.4	10.1	4.8	16.1	8.1
JOHNSON	14.7	14.6	14.7	14.7	16.1	15.0
KEARNY	22.6	23.4	29.5	40.8	30.5	29.4
KINGMAN	12.2	12.3	11.8	18.0	18.9	14.6
KIOWA	26.1	13.9	15.2	16.2	11.0	16.5
LABETTE	27.6	27.5	33.6	36.8	48.5	34.8
LANE	7.2	7.6	24.8	0.0	0.0	7.9
LEAVENWORTH	21.1	21.3	18.9	20.7	22.4	20.9
LINCOLN	13.2	9.3	10.1	30.6	16.9	16.0
LINN	9.0	17.1	20.0	30.7	24.9	20.3
LOGAN	4.5	15.2	10.1	10.6	0.0	8.1

Teenage Pregnancy* Rates (10-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
LYON	35.4	34.2	32.9	29.5	28.7	32.1
MARION	11.0	9.5	12.0	8.0	14.1	10.9
MARSHALL	22.9	17.6	17.3	16.7	8.3	16.6
MCPHERSON	15.7	15.7	18.0	21.5	14.4	17.1
MEADE	26.4	20.8	32.7	12.0	17.9	22.0
MIAMI	18.4	22.3	15.6	20.5	17.2	18.8
MITCHELL	10.5	9.3	5.7	14.6	15.4	11.1
MONTGOMERY	32.3	38.8	37.8	40.3	40.8	38.0
MORRIS	7.1	22.7	23.0	15.7	23.7	18.4
MORTON	26.0	31.4	45.5	45.3	38.6	37.4
NEMAHA	10.7	8.7	5.1	16.0	8.3	9.8
NEOSHO	31.6	31.7	30.0	31.0	40.0	32.9
NESS	19.7	32.8	11.9	26.7	31.3	24.5
NORTON	2.9	9.0	36.4	10.3	21.8	16.1
OSAGE	21.0	19.8	18.3	24.6	22.7	21.3
OSBORNE	27.6	14.3	3.9	19.5	34.3	19.9
OTTAWA	18.7	17.2	21.0	23.6	16.3	19.4
PAWNEE	19.5	18.3	16.6	17.2	30.1	20.3
PHILLIPS	18.3	15.8	24.1	14.1	9.1	16.3
POTTAWATOMIE	13.6	16.0	9.0	15.2	17.5	14.3
PRATT	15.5	17.6	23.3	27.8	36.7	24.2
RAWLINS	10.2	0.0	0.0	11.9	12.4	6.9
RENO	28.1	28.4	31.1	26.7	29.7	28.8
REPUBLIC	15.8	17.1	22.3	38.6	24.3	23.6
RICE	23.9	21.1	25.9	20.9	14.1	21.2
RILEY	23.1	18.5	22.8	22.3	18.2	21.0
ROOKS	16.9	11.4	12.2	15.3	29.8	17.1
RUSH	13.6	19.3	10.2	26.6	10.9	16.1
RUSSELL	37.0	14.2	25.5	18.1	16.1	22.2
SALINE	33.7	27.7	35.9	37.4	34.0	33.7
SCOTT	14.0	17.9	37.3	19.4	42.9	26.3
SEDGWICK	31.5	32.7	34.0	33.1	33.9	33.0
SEWARD	56.7	48.8	51.4	49.5	51.9	51.7
SHAWNEE	33.5	33.6	32.9	32.3	36.1	33.7
SHERIDAN	0.0	20.7	11.4	0.0	33.6	13.1
SHERMAN	31.3	18.0	23.6	24.7	34.5	26.4
SMITH	7.0	7.3	7.8	15.9	13.2	10.2
STAFFORD	13.7	16.7	14.2	27.0	29.3	20.2
STANTON	5.2	26.2	42.4	17.3	76.9	33.6
STEVENS	31.7	37.3	45.2	19.7	36.8	34.1
SUMNER	21.1	18.3	25.2	22.0	16.9	20.7
THOMAS	18.7	26.0	14.7	21.9	14.0	19.1
TREGO	9.7	10.1	23.1	18.4	18.2	15.9
WABAUNSEE	17.5	20.4	19.7	11.8	16.9	17.3
WALLACE	7.2	8.1	0.0	9.2	0.0	4.9
WASHINGTON	12.5	5.2	13.2	2.7	16.7	10.1
WICHITA	22.2	42.9	19.4	44.9	35.7	33.0
WILSON	30.3	23.3	24.2	43.6	39.0	32.1
WOODSON	24.7	27.1	49.8	43.7	46.5	38.4
WYANDOTTE	53.4	51.0	50.7	54.0	51.4	52.1
KANSAS	26.4	26.1	26.7	27.1	27.8	26.8

*Teenage pregnancies include the sum of live births, stillbirths and abortions.

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

2003-2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1 of each year.

Source: Kansas Department of Health and Environment

**Teenage Pregnancies* for 10-17 Year Olds
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate**
ALLEN	8	0	0	8	12.6
ANDERSON	6	0	2	8	18.3
ATCHISON	8	0	3	11	11.4
BARBER	0	0	1	1	3.8
BARTON	10	0	3	13	8.8
BOURBON	10	0	0	10	12.5
BROWN	1	0	0	1	1.8
BUTLER	27	0	8	35	9.5
CHASE	1	0	0	1	8.8
CHAUTAQUA	0	0	0	0	0.0
CHEROKEE	8	0	0	8	6.7
CHEYENNE	1	0	1	2	16.5
CLARK	0	0	0	0	0.0
CLAY	1	0	1	2	4.6
CLOUD	1	0	1	2	4.5
COFFEY	1	0	3	4	8.9
COMANCHE	0	0	0	0	0.0
COWLEY	19	0	0	19	9.8
CRAWFORD	19	0	2	21	12.0
DECATUR	1	0	0	1	6.9
DICKINSON	9	0	0	9	9.0
DONIPHAN	1	0	1	2	4.5
DOUGLAS	17	0	9	26	5.5
EDWARDS	2	0	1	3	20.0
ELK	1	0	0	1	7.0
ELLIS	10	0	2	12	11.0
ELLSWORTH	0	0	1	1	3.6
FINNEY	45	0	4	49	17.8
FORD	36	0	4	40	19.5
FRANKLIN	12	0	2	14	9.8
GEARY	16	0	7	23	16.9
GOVE	0	0	0	0	0.0
GRAHAM	0	0	0	0	0.0
GRANT	11	0	0	11	23.3
GRAY	0	0	1	1	2.9
GREELEY	0	0	0	0	0.0
GREENWOOD	5	0	1	6	18.3
HAMILTON	3	0	0	3	18.9
HARPER	1	0	2	3	9.9
HARVEY	12	0	3	15	8.3
HASKELL	1	0	0	1	4.0
HODGEMAN	1	0	0	1	8.2
JACKSON	4	0	0	4	5.2
JEFFERSON	10	1	2	13	12.9
JEWELL	1	0	0	1	6.5
JOHNSON	97	1	72	170	5.8
KEARNY	4	0	1	5	20.5
KINGMAN	2	0	0	2	4.6
KIOWA	0	0	0	0	0.0
LABETTE	14	0	4	18	15.3
LANE	0	0	0	0	0.0
LEAVENWORTH	23	0	8	31	7.3
LINCOLN	2	0	0	2	13.3
LINN	4	0	1	5	10.3
LOGAN	0	0	0	0	0.0

**Teenage Pregnancies* for 10-17 Year Olds
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate**
LYON	17	1	2	20	11.2
MARION	1	0	0	1	1.5
MARSHALL	1	0	1	2	4.2
MCPHERSON	5	0	3	8	5.6
MEADE	3	0	0	3	10.5
MIAMI	13	0	1	14	7.9
MITCHELL	0	0	0	0	0.0
MONTGOMERY	25	0	3	28	16.3
MORRIS	2	0	1	3	9.6
MORTON	4	0	1	5	26.5
NEMAHA	1	1	0	2	3.4
NEOSHO	11	0	0	11	13.2
NESS	2	0	0	2	15.4
NORTON	0	0	0	0	0.0
OSAGE	8	0	2	10	10.2
OSBORNE	3	0	0	3	15.3
OTTAWA	0	0	0	0	0.0
PAWNEE	1	0	0	1	3.3
PHILLIPS	0	0	0	0	0.0
POTTAWATOMIE	5	0	1	6	5.1
PRATT	8	0	1	9	19.4
RAWLINS	1	0	0	1	7.1
RENO	20	0	7	27	8.8
REPUBLIC	1	0	2	3	15.6
RICE	3	0	0	3	6.1
RILEY	11	0	3	14	5.7
ROOKS	1	0	1	2	7.6
RUSH	0	0	0	0	0.0
RUSSELL	2	0	1	3	9.7
SALINE	33	0	3	36	12.6
SCOTT	5	0	0	5	21.3
SEDGWICK	318	2	56	376	13.5
SEWARD	36	0	0	36	25.0
SHAWNEE	106	0	34	140	15.6
SHERIDAN	1	0	0	1	8.5
SHERMAN	1	0	0	1	3.9
SMITH	1	0	0	1	5.3
STAFFORD	2	0	2	4	15.9
STANTON	6	0	0	6	44.1
STEVENS	6	0	0	6	19.8
SUMNER	4	0	1	5	3.5
THOMAS	3	0	0	3	7.0
TREGO	1	0	0	1	6.8
WABAUNSEE	1	0	2	3	8.5
WALLACE	0	0	0	0	0.0
WASHINGTON	2	0	0	2	7.1
WICHITA	0	0	0	0	0.0
WILSON	7	0	0	7	13.5
WOODSON	1	0	2	3	21.1
WYANDOTTE	171	1	34	206	22.7
UNKNOWN	0	0	1	1	n/a
KANSAS	1,320	7	316	1,643	10.9
Peer Group					
Frontier	39	0	5	44	9.5
Rural	87	1	26	114	8.0
Densely-Settled Rural	257	1	30	288	12.1
Semi-Urban	228	1	49	278	9.9
Urban	709	4	205	918	11.5

n/a = Not applicable

*Teenage pregnancies include the sum of live births, stillbirths and abortions

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

2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1/2007

**Teenage Pregnancies* (10-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	Teenage Pregnancies 2003-2007
ALLEN	10	6	7	7	8	38
ANDERSON	2	7	2	1	8	20
ATCHISON	10	13	9	9	11	52
BARBER	1	2	1	2	1	7
BARTON	12	16	19	23	13	83
BOURBON	8	8	7	15	10	48
BROWN	3	5	4	4	1	17
BUTLER	24	27	33	25	35	144
CHASE	1	1	2	4	1	9
CHAUTAUQUA	2	1	0	3	0	6
CHEROKEE	10	18	13	12	8	61
CHEYENNE	0	2	1	0	2	5
CLARK	0	2	3	0	0	5
CLAY	4	1	7	2	2	16
CLOUD	3	1	3	8	2	17
COFFEY	3	3	3	2	4	15
COMANCHE	0	0	0	0	0	0
COWLEY	23	19	14	23	19	98
CRAWFORD	16	21	19	15	21	92
DECATUR	0	0	2	1	1	4
DICKINSON	8	12	5	10	9	44
DONIPHAN	2	2	2	3	2	11
DOUGLAS	31	32	31	30	26	150
EDWARDS	1	1	1	2	3	8
ELK	3	3	1	0	1	8
ELLIS	8	11	10	10	12	51
ELLSWORTH	2	1	3	1	1	8
FINNEY	47	46	38	55	49	235
FORD	31	40	26	36	40	173
FRANKLIN	21	15	24	21	14	95
GEARY	22	28	18	20	23	111
GOVE	0	0	0	0	0	0
GRAHAM	1	2	3	1	0	7
GRANT	9	7	7	5	11	39
GRAY	4	5	3	5	1	18
GREELEY	0	0	0	0	0	0
GREENWOOD	3	8	6	3	6	26
HAMILTON	2	1	1	5	3	12
HARPER	1	4	4	2	3	14
HARVEY	12	11	16	16	15	70
HASKELL	3	8	7	3	1	22
HODGEMAN	0	0	0	2	1	3
JACKSON	8	3	6	2	4	23
JEFFERSON	6	6	8	10	13	43
JEWELL	0	1	1	1	1	4
JOHNSON	156	148	130	143	170	747
KEARNY	3	3	5	4	5	20
KINGMAN	2	1	1	3	2	9
KIOWA	0	1	2	1	0	4
LABETTE	13	8	14	25	18	78
LANE	1	1	1	0	0	3
LEAVENWORTH	35	33	33	42	31	174
LINCOLN	0	0	0	1	2	3
LINN	2	3	3	6	5	19
LOGAN	0	2	0	1	0	3

**Teenage Pregnancies* (10-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	Teenage Pregnancies 2003-2007
LYON	23	28	25	20	20	116
MARION	0	3	3	2	1	9
MARSHALL	2	1	3	2	2	10
MCPHERSON	9	6	7	12	8	42
MEADE	1	1	2	1	3	8
MIAMI	10	17	9	8	14	58
MITCHELL	2	0	0	2	0	4
MONTGOMERY	25	16	19	31	28	119
MORRIS	0	2	3	1	3	9
MORTON	3	5	4	4	5	21
NEMAHA	1	1	2	2	2	8
NEOSHO	7	10	11	9	11	48
NESS	2	3	0	2	2	9
NORTON	0	0	4	1	0	5
OSAGE	9	3	14	6	10	42
OSBORNE	4	1	1	3	3	12
OTTAWA	3	1	2	1	0	7
PAWNEE	3	0	1	2	1	7
PHILLIPS	1	2	1	2	0	6
POTTAWATOMIE	8	6	7	7	6	34
PRATT	3	6	6	6	9	30
RAWLINS	0	0	0	0	1	1
RENO	37	25	29	27	27	145
REPUBLIC	4	2	2	0	3	11
RICE	12	8	10	6	3	39
RILEY	27	12	19	18	14	90
ROOKS	3	1	0	1	2	7
RUSH	0	2	0	0	0	2
RUSSELL	8	4	2	3	3	20
SALINE	34	28	42	41	36	181
SCOTT	3	2	3	3	5	16
SEDGWICK	344	366	376	349	376	1,811
SEWARD	37	38	37	36	36	184
SHAWNEE	140	122	111	114	140	627
SHERIDAN	0	0	0	0	1	1
SHERMAN	4	0	4	3	1	12
SMITH	0	2	1	0	1	4
STAFFORD	1	1	3	2	4	11
STANTON	0	3	1	1	6	11
STEVENS	3	2	9	2	6	22
SUMNER	7	13	14	20	5	59
THOMAS	2	2	1	4	3	12
TREGO	0	1	2	0	1	4
WABAUNSEE	4	2	3	1	3	13
WALLACE	0	0	0	0	0	0
WASHINGTON	1	0	1	1	2	5
WICHITA	3	1	2	3	0	9
WILSON	6	5	5	10	7	33
WOODSON	0	1	3	2	3	9
WYANDOTTE	261	207	189	196	206	1,059
UNKNOWN	6	1	0	0	1	8
KANSAS	1,632	1,563	1,552	1,592	1,643	7,982

*Teenage pregnancies include the sum of live births, stillbirths and abortions.

Source: Kansas Department of Health and Environment

Teenage Pregnancy* Rates (10-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
ALLEN	13.0	8.4	10.0	10.6	12.6	10.9
ANDERSON	4.2	15.0	4.3	2.2	18.3	8.8
ATCHISON	10.2	13.2	9.4	9.3	11.4	10.7
BARBER	3.1	6.7	3.5	6.8	3.8	4.8
BARTON	7.5	10.3	12.2	15.0	8.8	10.8
BOURBON	9.6	9.5	8.5	18.2	12.5	11.7
BROWN	5.0	8.8	7.4	7.0	1.8	6.0
BUTLER	6.2	7.0	8.8	6.6	9.5	7.6
CHASE	6.8	6.7	13.5	26.5	8.8	12.5
CHAUTAUQUA	7.8	4.0	0.0	13.7	0.0	5.1
CHEROKEE	7.9	14.5	10.8	9.7	6.7	9.9
CHEYENNE	0.0	12.4	6.7	0.0	16.5	7.1
CLARK	0.0	15.4	23.6	0.0	0.0	7.8
CLAY	7.9	2.1	15.1	4.4	4.6	6.8
CLOUD	5.8	2.1	6.2	16.8	4.5	7.1
COFFEY	5.9	6.3	6.6	4.2	8.9	6.4
COMANCHE	0.0	0.0	0.0	0.0	0.0	0.0
COWLEY	10.8	9.2	6.9	11.3	9.8	9.6
CRAWFORD	8.9	12.2	11.4	8.7	12.0	10.6
DECATUR	0.0	0.0	12.3	6.0	6.9	5.0
DICKINSON	6.9	10.8	4.7	9.5	9.0	8.2
DONIPHAN	4.4	4.6	4.5	7.0	4.5	5.0
DOUGLAS	6.9	7.4	7.7	6.3	5.5	6.8
EDWARDS	5.5	5.6	6.1	12.3	20.0	9.9
ELK	15.6	16.2	6.0	0.0	7.0	9.0
ELLIS	6.3	9.3	9.2	8.9	11.0	8.9
ELLSWORTH	6.2	3.3	9.9	3.4	3.6	5.3
FINNEY	17.2	17.4	14.0	19.2	17.8	17.1
FORD	15.2	19.4	12.7	17.1	19.5	16.8
FRANKLIN	13.5	9.9	16.3	14.2	9.8	12.7
GEARY	14.5	19.3	13.6	14.4	16.9	15.7
GOVE	0.0	0.0	0.0	0.0	0.0	0.0
GRAHAM	6.8	14.4	22.9	7.5	0.0	10.3
GRANT	16.9	13.7	14.3	10.1	23.3	15.7
GRAY	10.5	13.6	8.8	13.9	2.9	9.9
GREELEY	0.0	0.0	0.0	0.0	0.0	0.0
GREENWOOD	7.5	21.9	16.8	8.8	18.3	14.7
HAMILTON	12.3	6.6	6.7	29.2	18.9	14.7
HARPER	2.6	11.7	12.3	6.2	9.9	8.5
HARVEY	6.1	5.8	8.6	8.7	8.3	7.5
HASKELL	10.5	29.6	26.7	11.0	4.0	16.4
HODGEMAN	0.0	0.0	0.0	16.0	8.2	4.8
JACKSON	9.8	3.8	7.6	2.5	5.2	5.8
JEFFERSON	5.4	5.5	7.5	9.5	12.9	8.2
JEWELL	0.0	5.8	6.0	5.7	6.5	4.8
JOHNSON	5.6	5.3	4.7	4.9	5.8	5.3
KEARNY	8.8	9.5	17.1	13.9	20.5	14.0
KINGMAN	3.7	1.9	2.0	6.3	4.6	3.7
KIOWA	0.0	6.4	13.2	7.1	0.0	5.3
LABETTE	10.0	6.5	11.2	20.2	15.3	12.6
LANE	8.9	9.2	9.9	0.0	0.0	5.6
LEAVENWORTH	8.4	7.9	7.8	9.7	7.3	8.2
LINCOLN	0.0	0.0	0.0	5.9	13.3	3.8
LINN	3.7	5.9	6.1	11.9	10.3	7.6
LOGAN	0.0	12.3	0.0	6.8	0.0	3.8

Teenage Pregnancy* Rates (10-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
LYON	11.9	15.1	14.3	11.0	11.2	12.7
MARION	0.0	4.2	4.2	2.9	1.5	2.6
MARSHALL	3.2	1.7	5.3	3.6	4.2	3.6
MCPHERSON	5.5	3.8	4.8	8.0	5.6	5.5
MEADE	3.5	3.7	7.5	3.6	10.5	5.8
MIAMI	5.5	9.6	5.1	4.5	7.9	6.5
MITCHELL	4.3	0.0	0.0	5.3	0.0	1.9
MONTGOMERY	13.2	8.7	10.7	17.3	16.3	13.2
MORRIS	0.0	6.2	9.4	3.1	9.6	5.7
MORTON	13.3	24.3	20.8	20.3	26.5	21.0
NEMAHA	1.5	1.5	3.1	3.2	3.4	2.5
NEOSHO	7.2	10.9	12.4	10.6	13.2	10.9
NESS	13.0	21.6	0.0	15.6	15.4	13.1
NORTON	0.0	0.0	15.9	3.9	0.0	4.0
OSAGE	8.5	2.9	14.0	5.9	10.2	8.3
OSBORNE	17.3	4.5	4.8	13.7	15.3	11.1
OTTAWA	9.1	3.3	6.6	3.1	0.0	4.4
PAWNEE	8.1	0.0	3.0	6.3	3.3	4.1
PHILLIPS	3.2	6.4	3.3	7.0	0.0	4.0
POTTAWATOMIE	6.4	4.9	5.8	5.8	5.1	5.6
PRATT	5.8	11.9	12.3	12.6	19.4	12.4
RAWLINS	0.0	0.0	0.0	0.0	7.1	1.4
RENO	11.2	7.9	9.3	8.7	8.8	9.2
REPUBLIC	13.2	7.5	7.8	0.0	15.6	8.8
RICE	20.3	13.7	18.3	11.5	6.1	14.0
RILEY	11.9	5.5	9.8	8.2	5.7	8.2
ROOKS	10.2	3.6	0.0	3.6	7.6	5.0
RUSH	0.0	12.1	0.0	0.0	0.0	2.4
RUSSELL	23.3	11.8	6.2	9.2	9.7	12.0
SALINE	11.4	9.6	14.6	14.0	12.6	12.4
SCOTT	10.4	7.3	11.2	11.5	21.3	12.3
SEDGWICK	12.5	13.5	14.0	12.5	13.5	13.2
SEWARD	26.1	27.2	26.9	24.5	25.0	25.9
SHAWNEE	15.2	13.6	12.6	12.6	15.6	13.9
SHERIDAN	0.0	0.0	0.0	0.0	8.5	1.7
SHERMAN	11.9	0.0	13.3	10.3	3.9	7.9
SMITH	0.0	9.4	4.9	0.0	5.3	3.9
STAFFORD	3.3	3.4	10.3	7.4	15.9	8.1
STANTON	0.0	19.4	7.2	6.3	44.1	15.4
STEVENS	7.8	5.6	25.6	6.1	19.8	13.0
SUMNER	4.3	8.3	9.2	13.0	3.5	7.7
THOMAS	4.6	4.7	2.4	9.3	7.0	5.6
TREGO	0.0	6.3	13.7	0.0	6.8	5.4
WABAUNSEE	9.7	5.2	8.3	2.9	8.5	6.9
WALLACE	0.0	0.0	0.0	0.0	0.0	0.0
WASHINGTON	3.1	0.0	3.3	3.3	7.1	3.4
WICHITA	21.6	7.2	14.8	21.1	0.0	12.9
WILSON	10.0	8.8	9.0	18.6	13.5	12.0
WOODSON	0.0	6.0	18.6	13.3	21.1	11.8
WYANDOTTE	27.9	22.7	21.0	21.1	22.7	23.1
KANSAS	10.5	10.3	10.4	10.4	10.9	10.5

*Teenage pregnancies include the sum of live births, stillbirths and abortions.

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

2003-2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1 of each year.

Source: Kansas Department of Health and Environment

**Teenage Pregnancies* for 15-17 Year Olds
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate**
ALLEN	8	0	0	8	31.4
ANDERSON	6	0	2	8	42.8
ATCHISON	8	0	3	11	28.5
BARBER	0	0	1	1	9.7
BARTON	9	0	2	11	18.3
BOURBON	10	0	0	10	31.6
BROWN	1	0	0	1	4.5
BUTLER	27	0	8	35	23.4
CHASE	1	0	0	1	20.0
CHAUTAUQUA	0	0	0	0	0.0
CHEROKEE	8	0	0	8	16.4
CHEYENNE	1	0	1	2	31.3
CLARK	0	0	0	0	0.0
CLAY	1	0	1	2	10.8
CLOUD	1	0	1	2	11.1
COFFEY	1	0	3	4	23.4
COMANCHE	0	0	0	0	0.0
COWLEY	18	0	0	18	22.8
CRAWFORD	17	0	2	19	28.9
DECATUR	1	0	0	1	14.5
DICKINSON	8	0	0	8	19.4
DONIPHAN	1	0	1	2	11.0
DOUGLAS	17	0	8	25	14.2
EDWARDS	2	0	0	2	35.1
ELK	1	0	0	1	14.9
ELLIS	10	0	2	12	28.4
ELLSWORTH	0	0	1	1	8.9
FINNEY	42	0	4	46	43.3
FORD	34	0	2	36	46.2
FRANKLIN	11	0	2	13	21.8
GEARY	15	0	5	20	41.6
GOVE	0	0	0	0	0.0
GRAHAM	0	0	0	0	0.0
GRANT	11	0	0	11	55.6
GRAY	0	0	1	1	7.9
GREELEY	0	0	0	0	0.0
GREENWOOD	5	0	1	6	43.8
HAMILTON	3	0	0	3	41.1
HARPER	1	0	2	3	25.9
HARVEY	11	0	3	14	19.6
HASKELL	1	0	0	1	11.0
HODGEMAN	1	0	0	1	17.9
JACKSON	4	0	0	4	12.9
JEFFERSON	10	1	2	13	31.8
JEWELL	1	0	0	1	15.9
JOHNSON	96	1	69	166	15.1
KEARNY	4	0	1	5	48.5
KINGMAN	2	0	0	2	10.9
KIOWA	0	0	0	0	0.0
LABETTE	14	0	4	18	35.7
LANE	0	0	0	0	0.0
LEAVENWORTH	23	0	8	31	18.5
LINCOLN	2	0	0	2	40.8
LINN	4	0	1	5	23.8
LOGAN	0	0	0	0	0.0

**Teenage Pregnancies* for 15-17 Year Olds
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate**
LYON	16	0	2	18	26.1
MARION	1	0	0	1	3.6
MARSHALL	1	0	1	2	9.1
MCPHERSON	5	0	3	8	13.1
MEADE	3	0	0	3	33.3
MIAMI	13	0	1	14	19.5
MITCHELL	0	0	0	0	0.0
MONTGOMERY	24	0	3	27	38.0
MORRIS	2	0	1	3	21.3
MORTON	4	0	1	5	72.5
NEMAHA	1	1	0	2	9.3
NEOSHO	11	0	0	11	32.4
NESS	2	0	0	2	35.1
NORTON	0	0	0	0	0.0
OSAGE	8	0	2	10	24.4
OSBORNE	3	0	0	3	37.5
OTTAWA	0	0	0	0	0.0
PAWNEE	1	0	0	1	8.0
PHILLIPS	0	0	0	0	0.0
POTTAWATOMIE	5	0	1	6	12.4
PRATT	8	0	1	9	50.3
RAWLINS	0	0	0	0	0.0
RENO	20	0	7	27	22.8
REPUBLIC	1	0	2	3	34.5
RICE	3	0	0	3	13.3
RILEY	11	0	2	13	13.0
ROOKS	1	0	1	2	19.0
RUSH	0	0	0	0	0.0
RUSSELL	2	0	1	3	25.0
SALINE	31	0	3	34	30.7
SCOTT	5	0	0	5	51.0
SEDGWICK	309	2	52	363	34.0
SEWARD	34	0	0	34	64.3
SHAWNEE	100	0	31	131	38.3
SHERIDAN	1	0	0	1	17.9
SHERMAN	1	0	0	1	9.0
SMITH	1	0	0	1	12.5
STAFFORD	2	0	2	4	35.1
STANTON	6	0	0	6	95.2
STEVENS	6	0	0	6	50.8
SUMNER	4	0	1	5	8.5
THOMAS	3	0	0	3	19.0
TREGO	1	0	0	1	17.5
WABAUNSEE	1	0	2	3	21.0
WALLACE	0	0	0	0	0.0
WASHINGTON	2	0	0	2	17.9
WICHITA	0	0	0	0	0.0
WILSON	7	0	0	7	31.7
WOODSON	1	0	2	3	51.7
WYANDOTTE	160	0	31	191	53.2
UNKNOWN	0	0	1	1	n/a
KANSAS	1,273	5	295	1,573	26.8
Peer Group					
Frontier	38	0	4	42	21.8
Rural	87	1	26	114	19.5
Densely-Settled Rural	247	1	27	275	28.7
Semi-Urban	219	0	46	265	24.0
Urban	682	3	191	876	28.8

n/a = Not applicable

*Teenage pregnancies include the sum of live births, stillbirths and abortions

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

2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1/2007

Source: Kansas Department of Health and Environment

**Teenage Pregnancies* (15-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	Teenage Pregnancies 2003-2007
ALLEN	10	6	7	7	8	38
ANDERSON	2	7	2	1	8	20
ATCHISON	10	13	8	9	11	51
BARBER	1	2	1	2	1	7
BARTON	12	16	19	23	11	81
BOURBON	8	8	7	15	10	48
BROWN	3	5	4	3	1	16
BUTLER	24	27	32	25	35	143
CHASE	1	1	2	4	1	9
CHAUTAUQUA	2	1	0	3	0	6
CHEROKEE	10	17	13	12	8	60
CHEYENNE	0	2	1	0	2	5
CLARK	0	2	2	0	0	4
CLAY	4	1	6	2	2	15
CLOUD	3	1	3	7	2	16
COFFEY	3	3	3	2	4	15
COMANCHE	0	0	0	0	0	0
COWLEY	23	19	14	22	18	96
CRAWFORD	16	21	18	14	19	88
DECATUR	0	0	2	1	1	4
DICKINSON	7	11	5	10	8	41
DONIPHAN	2	2	2	3	2	11
DOUGLAS	28	31	31	29	25	144
EDWARDS	1	1	1	2	2	7
ELK	3	3	1	0	1	8
ELLIS	8	11	8	9	12	48
ELLSWORTH	2	1	3	1	1	8
FINNEY	46	45	38	50	46	225
FORD	30	37	24	35	36	162
FRANKLIN	20	13	21	20	13	87
GEARY	19	27	17	20	20	103
GOVE	0	0	0	0	0	0
GRAHAM	1	2	3	1	0	7
GRANT	9	7	7	5	11	39
GRAY	4	5	3	5	1	18
GREELEY	0	0	0	0	0	0
GREENWOOD	3	8	6	3	6	26
HAMILTON	2	1	1	5	3	12
HARPER	1	4	4	2	3	14
HARVEY	11	11	16	16	14	68
HASKELL	3	8	6	2	1	20
HODGEMAN	0	0	0	2	1	3
JACKSON	8	2	6	2	4	22
JEFFERSON	6	6	8	10	13	43
JEWELL	0	1	1	1	1	4
JOHNSON	150	142	123	131	166	712
KEARNY	3	3	5	4	5	20
KINGMAN	2	1	1	3	2	9
KIOWA	0	1	2	1	0	4
LABETTE	13	6	11	22	18	70
LANE	1	1	1	0	0	3
LEAVENWORTH	35	33	32	38	31	169
LINCOLN	0	0	0	0	2	2
LINN	2	3	3	5	5	18
LOGAN	0	2	0	1	0	3

**Teenage Pregnancies* (15-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	Teenage Pregnancies 2003-2007
LYON	22	27	25	19	18	111
MARION	0	3	3	2	1	9
MARSHALL	2	1	2	2	2	9
MCPHERSON	8	6	7	11	8	40
MEADE	1	1	2	1	3	8
MIAMI	9	17	9	8	14	57
MITCHELL	2	0	0	2	0	4
MONTGOMERY	25	16	19	31	27	118
MORRIS	0	2	3	1	3	9
MORTON	3	4	3	3	5	18
NEMAHA	1	1	2	2	2	8
NEOSHO	7	10	11	8	11	47
NESS	2	2	0	1	2	7
NORTON	0	0	4	1	0	5
OSAGE	8	3	14	6	10	41
OSBORNE	4	1	1	3	3	12
OTTAWA	3	1	2	1	0	7
PAWNEE	3	0	1	2	1	7
PHILLIPS	1	2	1	2	0	6
POTTAWATOMIE	8	5	7	7	6	33
PRATT	3	5	6	6	9	29
RAWLINS	0	0	0	0	0	0
RENO	36	25	26	25	27	139
REPUBLIC	4	2	2	0	3	11
RICE	12	8	10	6	3	39
RILEY	24	12	18	17	13	84
ROOKS	3	1	0	1	2	7
RUSH	0	2	0	0	0	2
RUSSELL	6	4	2	3	3	18
SALINE	34	26	41	38	34	173
SCOTT	3	2	3	3	5	16
SEDGWICK	331	349	362	334	363	1,739
SEWARD	33	38	36	33	34	174
SHAWNEE	132	115	108	111	131	597
SHERIDAN	0	0	0	0	1	1
SHERMAN	4	0	4	3	1	12
SMITH	0	2	1	0	1	4
STAFFORD	1	1	3	2	4	11
STANTON	0	3	1	1	6	11
STEVENS	3	1	9	1	6	20
SUMNER	6	13	12	20	5	56
THOMAS	2	2	0	4	3	11
TREGO	0	1	2	0	1	4
WABAUNSEE	4	2	2	1	3	12
WALLACE	0	0	0	0	0	0
WASHINGTON	1	0	1	1	2	5
WICHITA	3	1	2	3	0	9
WILSON	6	4	5	10	7	32
WOODSON	0	1	3	1	3	8
WYANDOTTE	241	188	174	180	191	974
UNKNOWN	6	1	0	0	1	8
KANSAS	1,559	1,492	1,483	1,507	1,573	7,614

*Teenage pregnancies include the sum of live births, stillbirths and abortions.

Source: Kansas Department of Health and Environment

Teenage Pregnancy* Rates (15-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
ALLEN	30.3	20.9	23.0	27.1	31.4	26.5
ANDERSON	10.9	38.7	10.1	5.4	42.8	21.6
ATCHISON	26.3	35.8	21.3	23.9	28.5	27.2
BARBER	7.2	14.6	7.6	15.7	9.7	11.0
BARTON	19.4	25.9	30.7	37.3	18.3	26.3
BOURBON	26.8	25.0	22.3	49.2	31.6	31.0
BROWN	12.6	22.6	18.3	12.3	4.5	14.1
BUTLER	15.7	17.6	21.3	16.7	23.4	18.9
CHASE	18.5	15.2	29.9	62.5	20.0	29.2
CHAUTAUQUA	21.3	10.8	0.0	32.6	0.0	12.9
CHEROKEE	20.7	36.2	28.6	25.2	16.4	25.4
CHEYENNE	0.0	27.8	15.6	0.0	31.3	14.9
CLARK	0.0	34.5	40.8	0.0	0.0	15.1
CLAY	20.5	5.0	31.3	10.4	10.8	15.6
CLOUD	15.2	5.5	15.4	36.8	11.1	16.8
COFFEY	14.0	14.9	16.8	11.2	23.4	16.1
COMANCHE	0.0	0.0	0.0	0.0	0.0	0.0
COWLEY	28.5	23.9	17.6	28.4	22.8	24.2
CRAWFORD	23.1	31.1	28.4	21.7	28.9	26.6
DECATUR	0.0	0.0	28.6	14.5	14.5	11.5
DICKINSON	14.5	23.2	11.3	22.6	19.4	18.2
DONIPHAN	11.4	12.4	11.5	17.3	11.0	12.7
DOUGLAS	16.7	19.1	19.8	16.1	14.2	17.2
EDWARDS	12.8	15.4	16.9	34.5	35.1	22.9
ELK	34.9	34.5	13.0	0.0	14.9	19.5
ELLIS	15.4	22.0	16.8	19.4	28.4	20.4
ELLSWORTH	14.1	7.4	22.6	8.1	8.9	12.2
FINNEY	47.8	47.3	38.5	48.2	43.3	45.0
FORD	40.2	48.7	32.0	44.8	46.2	42.4
FRANKLIN	33.1	22.5	35.8	33.6	21.8	29.4
GEARY	33.7	48.4	34.7	40.0	41.6	39.7
GOVE	0.0	0.0	0.0	0.0	0.0	0.0
GRAHAM	18.2	37.7	50.0	18.5	0.0	24.9
GRANT	43.3	34.8	39.5	25.3	55.6	39.7
GRAY	25.6	34.7	23.3	41.7	7.9	26.6
GREELEY	0.0	0.0	0.0	0.0	0.0	0.0
GREENWOOD	18.9	53.7	41.7	20.5	43.8	35.7
HAMILTON	35.7	18.9	14.3	60.2	41.1	34.0
HARPER	5.8	28.6	28.6	14.6	25.9	20.7
HARVEY	14.1	14.8	21.0	21.8	19.6	18.3
HASKELL	27.8	80.8	58.8	22.0	11.0	40.1
HODGEMAN	0.0	0.0	0.0	35.1	17.9	10.6
JACKSON	24.8	6.2	18.1	6.2	12.9	13.6
JEFFERSON	14.1	13.5	18.8	23.9	31.8	20.4
JEWELL	0.0	13.9	14.5	14.7	15.9	11.8
JOHNSON	14.4	13.5	11.4	11.8	15.1	13.2
KEARNY	21.7	23.1	47.6	34.5	48.5	35.1
KINGMAN	9.3	4.4	4.6	14.7	10.9	8.8
KIOWA	0.0	13.9	31.7	17.2	0.0	12.6
LABETTE	26.1	12.4	21.9	44.0	35.7	28.0
LANE	26.3	25.0	23.3	0.0	0.0	14.9
LEAVENWORTH	23.2	21.5	19.5	22.6	18.5	21.1
LINCOLN	0.0	0.0	0.0	0.0	40.8	8.2
LINN	9.0	14.9	16.2	25.0	23.8	17.8
LOGAN	0.0	31.3	0.0	15.4	0.0	9.3

Teenage Pregnancy* Rates (15-17 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
LYON	29.2	37.6	37.1	27.7	26.1	31.5
MARION	0.0	10.9	10.3	6.5	3.6	6.3
MARSHALL	8.2	4.0	8.0	8.3	9.1	7.5
MCPHERSON	11.9	9.2	11.5	17.2	13.1	12.6
MEADE	8.2	10.3	21.7	11.4	33.3	17.0
MIAMI	12.7	24.9	13.0	11.5	19.5	16.3
MITCHELL	8.6	0.0	0.0	10.4	0.0	3.8
MONTGOMERY	33.9	22.7	27.9	43.2	38.0	33.1
MORRIS	0.0	15.7	22.9	7.1	21.3	13.4
MORTON	31.3	47.6	39.0	46.2	72.5	47.3
NEMAHA	3.5	3.5	7.3	8.3	9.3	6.4
NEOSHO	16.8	26.0	30.7	23.5	32.4	25.9
NESS	35.1	34.5	0.0	18.9	35.1	24.7
NORTON	0.0	0.0	36.7	9.8	0.0	9.3
OSAGE	20.2	7.5	35.3	14.5	24.4	20.4
OSBORNE	43.0	10.4	10.3	33.3	37.5	26.9
OTTAWA	21.7	8.4	16.5	7.5	0.0	10.8
PAWNEE	19.2	0.0	6.6	15.5	8.0	9.9
PHILLIPS	7.8	14.2	7.4	16.4	0.0	9.2
POTTAWATOMIE	16.4	10.3	13.9	14.2	12.4	13.4
PRATT	15.2	24.5	30.6	32.6	50.3	30.6
RAWLINS	0.0	0.0	0.0	0.0	0.0	0.0
RENO	27.9	20.0	21.1	20.8	22.8	22.5
REPUBLIC	30.8	16.3	16.3	0.0	34.5	19.6
RICE	51.1	35.2	44.2	27.1	13.3	34.2
RILEY	27.7	14.5	23.7	20.2	13.0	19.8
ROOKS	22.6	9.0	0.0	10.6	19.0	12.2
RUSH	0.0	27.8	0.0	0.0	0.0	5.6
RUSSELL	43.5	28.6	15.9	22.1	25.0	27.0
SALINE	30.4	23.2	37.1	33.6	30.7	31.0
SCOTT	26.3	17.5	29.7	30.3	51.0	31.0
SEDGWICK	33.2	35.2	36.1	31.8	34.0	34.1
SEWARD	63.7	74.4	72.7	62.3	64.3	67.5
SHAWNEE	38.0	34.0	31.7	31.8	38.3	34.8
SHERIDAN	0.0	0.0	0.0	0.0	17.9	3.6
SHERMAN	30.3	0.0	30.8	22.9	9.0	18.6
SMITH	0.0	22.0	11.0	0.0	12.5	9.1
STAFFORD	7.9	7.9	24.2	16.7	35.1	18.4
STANTON	0.0	60.0	18.9	14.7	95.2	37.8
STEVENS	18.9	6.7	62.9	7.5	50.8	29.4
SUMNER	9.9	20.9	19.4	32.3	8.5	18.2
THOMAS	13.5	13.5	0.0	25.0	19.0	14.2
TREGO	0.0	15.6	34.5	0.0	17.5	13.5
WABAUNSEE	22.2	12.9	14.3	7.6	21.0	15.6
WALLACE	0.0	0.0	0.0	0.0	0.0	0.0
WASHINGTON	7.9	0.0	7.1	7.6	17.9	8.1
WICHITA	66.7	20.4	46.5	62.5	0.0	39.2
WILSON	26.2	18.6	23.1	45.9	31.7	29.1
WOODSON	0.0	13.2	36.6	15.4	51.7	23.4
WYANDOTTE	73.4	57.6	51.5	51.0	53.2	57.3
KANSAS	26.6	25.8	25.7	25.5	26.8	26.1

*Teenage pregnancies include the sum of live births, stillbirths, and abortions.

**Rate per 1,000 female age-group population

2003-2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1 of each year.

Source: Kansas Department of Health and Environment

**Teenage Pregnancies* for 18-19 Year Olds
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate**
ALLEN	17	2	0	19	92.7
ANDERSON	7	0	3	10	114.9
ATCHISON	20	0	3	23	79.9
BARBER	5	0	0	5	89.3
BARTON	50	0	4	54	114.2
BOURBON	37	0	3	40	192.3
BROWN	15	0	4	19	165.2
BUTLER	50	0	13	63	69.1
CHASE	3	0	0	3	93.8
CHAUTAUQUA	3	0	1	4	85.1
CHEROKEE	31	0	0	31	104.4
CHEYENNE	1	0	0	1	35.7
CLARK	3	0	0	3	136.4
CLAY	8	0	0	8	94.1
CLOUD	16	0	2	18	77.9
COFFEY	5	0	0	5	67.6
COMANCHE	2	0	0	2	105.3
COWLEY	52	0	6	58	87.9
CRAWFORD	57	1	5	63	79.2
DECATUR	1	0	0	1	37.0
DICKINSON	19	1	3	23	112.2
DONIPHAN	7	0	2	9	53.9
DOUGLAS	67	2	50	119	31.6
EDWARDS	7	0	1	8	285.7
ELK	5	0	1	6	214.3
ELLIS	18	0	9	27	40.4
ELLSWORTH	2	0	2	4	69.0
FINNEY	61	0	3	64	106.3
FORD	50	0	4	54	121.6
FRANKLIN	30	0	2	32	99.1
GEARY	59	0	5	64	192.8
GOVE	0	0	1	1	40.0
GRAHAM	0	0	1	1	40.0
GRANT	14	0	0	14	147.4
GRAY	9	0	0	9	166.7
GREELEY	0	0	0	0	0.0
GREENWOOD	6	0	3	9	125.0
HAMILTON	5	0	1	6	187.5
HARPER	8	0	0	8	148.1
HARVEY	26	0	7	33	65.6
HASKELL	5	0	1	6	117.6
HODGEMAN	0	1	1	2	87.0
JACKSON	10	0	0	10	73.0
JEFFERSON	14	0	3	17	87.6
JEWELL	2	0	0	2	62.5
JOHNSON	250	0	140	390	70.3
KEARNY	4	0	0	4	78.4
KINGMAN	8	0	0	8	87.9
KIOWA	1	0	1	2	40.8
LABETTE	48	0	4	52	198.5
LANE	0	0	0	0	0.0
LEAVENWORTH	66	2	16	84	97.7
LINCOLN	1	0	0	1	37.0
LINN	8	0	1	9	113.9
LOGAN	0	0	0	0	0.0

**Teenage Pregnancies* for 18-19 Year Olds
By County of Residence and by Peer Group, Kansas, 2007**

County of Residence	Live Births	Stillbirths	Abortions	Total Pregnancies	Pregnancy Rate**
LYON	47	0	8	55	66.8
MARION	9	0	2	11	57.6
MARSHALL	2	0	1	3	24.8
MCPHERSON	16	0	3	19	42.8
MEADE	2	0	1	3	60.0
MIAMI	20	0	2	22	71.4
MITCHELL	6	0	1	7	67.3
MONTGOMERY	56	1	3	60	138.6
MORRIS	6	0	0	6	88.2
MORTON	4	0	0	4	90.9
NEMAHA	3	0	1	4	31.0
NEOSHO	27	1	4	32	132.2
NESS	2	0	1	3	100.0
NORTON	5	0	1	6	157.9
OSAGE	14	0	2	16	96.4
OSBORNE	5	0	0	5	135.1
OTTAWA	6	0	0	6	100.0
PAWNEE	10	0	1	11	117.0
PHILLIPS	3	0	0	3	39.5
POTTAWATOMIE	17	0	2	19	76.9
PRATT	11	0	2	13	97.0
RAWLINS	1	0	0	1	47.6
RENO	75	0	13	88	110.0
REPUBLIC	3	0	0	3	54.5
RICE	8	0	0	8	28.3
RILEY	55	0	24	79	30.2
ROOKS	7	0	0	7	184.2
RUSH	1	0	1	2	64.5
RUSSELL	3	0	0	3	48.4
SALINE	73	0	7	80	144.4
SCOTT	7	0	0	7	155.6
SEDGWICK	628	6	122	756	135.2
SEWARD	55	0	3	58	155.9
SHAWNEE	219	3	33	255	130.8
SHERIDAN	4	0	0	4	129.0
SHERMAN	11	0	0	11	118.3
SMITH	2	0	0	2	51.3
STAFFORD	3	0	2	5	90.9
STANTON	6	0	0	6	300.0
STEVENS	8	0	0	8	103.9
SUMNER	24	0	1	25	76.9
THOMAS	5	0	1	6	27.6
TREGO	2	0	0	2	105.3
WABAUNSEE	3	0	1	4	64.5
WALLACE	0	0	0	0	0.0
WASHINGTON	3	0	1	4	52.6
WICHITA	6	0	0	6	300.0
WILSON	16	0	1	17	177.1
WOODSON	5	0	0	5	166.7
WYANDOTTE	293	1	62	356	190.4
UNKNOWN	0	0	1	1	n/a
KANSAS	2,990	21	614	3,625	93.1
Peer Group					
Frontier	75	1	10	86	93.0
Rural	267	0	32	299	84.6
Densely-Settled Rural	577	4	59	640	98.9
Semi-Urban	614	4	105	723	78.1
Urban	1,457	12	407	1,876	100.2

n/a = Not applicable

*Teenage pregnancies include the sum of live births, stillbirths and abortions

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

2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1/2007

Source: Kansas Department of Health and Environment

**Teenage Pregnancies* (18-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	Teenage Pregnancies 2003-2007
ALLEN	26	22	22	32	19	121
ANDERSON	8	9	7	13	10	47
ATCHISON	35	24	20	31	23	133
BARBER	5	4	5	5	5	24
BARTON	41	31	32	33	54	191
BOURBON	29	27	16	23	40	135
BROWN	13	14	15	20	19	81
BUTLER	61	67	69	70	63	330
CHASE	3	4	2	1	3	13
CHAUTAUQUA	4	2	2	3	4	15
CHEROKEE	32	28	46	34	31	171
CHEYENNE	1	0	2	5	1	9
CLARK	0	1	3	0	3	7
CLAY	8	4	10	12	8	42
CLOUD	18	11	8	9	18	64
COFFEY	10	9	8	10	5	42
COMANCHE	0	3	1	0	2	6
COWLEY	50	47	51	58	58	264
CRAWFORD	58	53	60	56	63	290
DECATUR	4	0	0	0	1	5
DICKINSON	16	25	20	26	23	110
DONIPHAN	9	7	4	5	9	34
DOUGLAS	91	99	107	88	119	504
EDWARDS	3	5	3	4	8	23
ELK	5	6	5	4	6	26
ELLIS	30	36	17	28	27	138
ELLSWORTH	5	0	4	10	4	23
FINNEY	99	89	86	79	64	417
FORD	76	69	61	69	54	329
FRANKLIN	35	38	38	32	32	175
GEARY	85	57	56	73	64	335
GOVE	1	4	3	0	1	9
GRAHAM	3	2	2	2	1	10
GRANT	15	14	12	13	14	68
GRAY	8	5	11	3	9	36
GREELEY	0	3	0	0	0	3
GREENWOOD	9	9	11	5	9	43
HAMILTON	4	5	5	5	6	25
HARPER	10	8	5	6	8	37
HARVEY	41	25	34	31	33	164
HASKELL	5	11	1	4	6	27
HODGEMAN	4	0	1	1	2	8
JACKSON	14	18	17	15	10	74
JEFFERSON	28	16	15	21	17	97
JEWELL	0	1	1	0	2	4
JOHNSON	338	347	367	367	390	1,809
KEARNY	6	6	6	10	4	32
KINGMAN	6	7	6	7	8	34
KIOWA	6	2	1	2	2	13
LABETTE	31	34	37	30	52	184
LANE	0	0	2	0	0	2
LEAVENWORTH	72	76	63	65	84	360
LINCOLN	3	2	2	5	1	13
LINN	4	8	9	12	9	42
LOGAN	1	1	2	1	0	5

**Teenage Pregnancies* (18-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	Teenage Pregnancies 2003-2007
LYON	75	63	60	58	55	311
MARION	11	6	8	5	11	41
MARSHALL	16	12	9	9	3	49
MCPHERSON	26	28	29	30	19	132
MEADE	8	6	9	3	3	29
MIAMI	31	32	24	35	22	144
MITCHELL	4	5	3	5	7	24
MONTGOMERY	52	75	66	59	60	312
MORRIS	3	7	6	5	6	27
MORTON	4	3	7	7	4	25
NEMAHA	8	6	2	10	4	30
NEOSHO	33	29	24	25	32	143
NESS	2	3	2	2	3	12
NORTON	1	3	7	2	6	19
OSAGE	18	22	8	23	16	87
OSBORNE	4	3	0	2	5	14
OTTAWA	5	6	6	8	6	31
PAWNEE	6	8	6	5	11	36
PHILLIPS	6	4	8	3	3	24
POTTAWATOMIE	13	18	6	15	19	71
PRATT	8	6	9	11	13	47
RAWLINS	2	0	0	2	1	5
RENO	79	88	94	77	88	426
REPUBLIC	2	4	5	11	3	25
RICE	10	11	12	11	8	52
RILEY	74	66	79	89	79	387
ROOKS	3	3	4	4	7	21
RUSH	3	2	2	5	2	14
RUSSELL	8	2	8	4	3	25
SALINE	90	73	83	88	80	414
SCOTT	2	4	9	3	7	25
SEDGWICK	710	712	736	755	756	3,669
SEWARD	64	48	54	55	58	279
SHAWNEE	239	250	247	239	255	1,230
SHERIDAN	0	4	2	0	4	10
SHERMAN	9	7	5	6	11	38
SMITH	2	0	1	4	2	9
STAFFORD	4	5	2	7	5	23
STANTON	1	2	6	2	6	17
STEVENS	12	15	11	6	8	52
SUMNER	35	22	33	21	25	136
THOMAS	9	13	8	10	6	46
TREGO	2	1	2	3	2	10
WABAUNSEE	5	8	6	4	4	27
WALLACE	1	1	0	1	0	3
WASHINGTON	4	2	4	0	4	14
WICHITA	1	6	1	4	6	18
WILSON	16	11	11	18	17	73
WOODSON	6	5	7	6	5	29
WYANDOTTE	345	356	364	405	356	1,826
UNKNOWN	1	2	4	0	1	8
KANSAS	3,542	3,463	3,492	3,600	3,625	17,722

*Teenage pregnancies include the sum of live births, stillbirths and abortions.

Source: Kansas Department of Health and Environment

Teenage Pregnancy* Rates (18-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
ALLEN	114.5	93.2	100.5	150.9	92.7	110.4
ANDERSON	72.7	91.8	76.9	154.8	114.9	102.2
ATCHISON	93.8	70.4	63.9	103.7	79.9	82.3
BARBER	68.5	58.0	75.8	80.6	89.3	74.4
BARTON	87.8	68.0	64.6	70.5	114.2	81.0
BOURBON	139.4	150.8	82.9	112.7	192.3	135.6
BROWN	83.9	91.5	114.5	175.4	165.2	126.1
BUTLER	67.5	72.3	72.0	74.2	69.1	71.0
CHASE	107.1	102.6	71.4	35.7	93.8	82.1
CHAUTAUQUA	70.2	40.0	46.5	65.2	85.1	61.4
CHEROKEE	116.8	100.7	150.3	114.1	104.4	117.3
CHEYENNE	31.3	0.0	47.6	156.3	35.7	54.2
CLARK	0.0	58.8	111.1	0.0	136.4	61.3
CLAY	79.2	35.7	109.9	148.1	94.1	93.4
CLOUD	86.1	49.1	34.9	40.7	77.9	57.7
COFFEY	70.4	62.9	73.4	131.6	67.6	81.2
COMANCHE	0.0	136.4	58.8	0.0	105.3	60.1
COWLEY	74.7	71.5	76.5	88.0	87.9	79.7
CRAWFORD	80.6	79.3	78.8	70.4	79.2	77.7
DECATUR	95.2	0.0	0.0	0.0	37.0	26.4
DICKINSON	59.0	92.6	78.1	116.6	112.2	91.7
DONIPHAN	54.5	42.2	23.4	28.4	53.9	40.5
DOUGLAS	28.0	30.9	30.5	23.2	31.6	28.8
EDWARDS	65.2	92.6	61.2	117.6	285.7	124.5
ELK	106.4	127.7	116.3	125.0	214.3	137.9
ELLIS	53.3	66.7	27.4	42.3	40.4	46.0
ELLSWORTH	56.8	0.0	66.7	169.5	69.0	72.4
FINNEY	166.1	145.2	148.5	141.6	106.3	141.5
FORD	172.7	163.5	130.9	145.9	121.6	146.9
FRANKLIN	89.3	86.2	100.5	97.6	99.1	94.5
GEARY	271.6	192.6	184.2	234.7	192.8	215.2
GOVE	25.6	111.1	88.2	0.0	40.0	53.0
GRAHAM	90.9	66.7	80.0	83.3	40.0	72.2
GRANT	101.4	109.4	103.4	131.3	147.4	118.6
GRAY	75.5	54.9	142.9	48.4	166.7	97.7
GREELEY	0.0	187.5	0.0	0.0	0.0	37.5
GREENWOOD	98.9	89.1	148.6	78.1	125.0	107.9
HAMILTON	97.6	122.0	161.3	250.0	187.5	163.7
HARPER	135.1	74.8	67.6	109.1	148.1	106.9
HARVEY	72.3	41.7	63.7	61.5	65.6	61.0
HASKELL	76.9	171.9	17.2	76.9	117.6	92.1
HODGEMAN	95.2	0.0	35.7	37.0	87.0	51.0
JACKSON	68.3	85.3	116.4	114.5	73.0	91.5
JEFFERSON	112.4	71.4	73.5	110.5	87.6	91.1
JEWELL	0.0	25.0	31.3	0.0	62.5	23.8
JOHNSON	58.3	58.2	62.9	66.6	70.3	63.3
KEARNY	101.7	87.0	75.0	178.6	78.4	104.1
KINGMAN	54.5	56.9	62.5	90.9	87.9	70.5
KIOWA	130.4	33.9	21.7	45.5	40.8	54.5
LABETTE	105.8	118.1	136.5	115.4	198.5	134.9
LANE	0.0	0.0	100.0	0.0	0.0	20.0
LEAVENWORTH	81.2	82.9	73.8	77.2	97.7	82.6
LINCOLN	60.0	40.0	64.5	185.2	37.0	77.3
LINN	30.1	58.4	80.4	142.9	113.9	85.1
LOGAN	25.0	27.8	42.6	23.8	0.0	23.8

Teenage Pregnancy* Rates (18-19 years of age)
By County of Residence, Kansas, 2003-2007**

County of Residence	2003	2004	2005	2006	2007	5-year Rate
LYON	89.5	78.2	71.9	69.5	66.8	75.2
MARION	46.4	25.1	40.4	27.8	57.6	39.5
MARSHALL	97.6	75.9	71.4	83.3	24.8	70.6
MCPHERSON	43.5	49.5	54.3	64.5	42.8	50.9
MEADE	140.4	87.0	126.8	53.6	60.0	93.6
MIAMI	73.6	76.2	67.2	111.5	71.4	80.0
MITCHELL	38.8	46.7	25.6	49.5	67.3	45.6
MONTGOMERY	107.9	150.9	137.8	135.3	138.6	134.1
MORRIS	41.1	97.2	82.2	84.7	88.2	78.7
MORTON	90.9	61.2	140.0	152.2	90.9	107.0
NEMAHA	49.4	39.7	14.6	74.1	31.0	41.8
NEOSHO	113.8	92.9	86.3	100.4	132.2	105.1
NESS	40.8	68.2	55.6	90.9	100.0	71.1
NORTON	13.9	41.7	137.3	54.1	157.9	81.0
OSAGE	80.0	100.9	40.0	135.3	96.4	90.5
OSBORNE	67.8	52.6	0.0	54.1	135.1	61.9
OTTAWA	51.5	58.8	76.9	129.0	100.0	83.2
PAWNEE	65.2	94.1	70.6	55.6	117.0	80.5
PHILLIPS	85.7	59.7	109.6	42.3	39.5	67.4
POTTAWATOMIE	44.5	62.9	24.6	62.0	76.9	54.2
PRATT	42.3	34.5	57.0	81.5	97.0	62.5
RAWLINS	48.8	0.0	0.0	100.0	47.6	39.3
RENO	95.2	109.9	113.7	96.4	110.0	105.0
REPUBLIC	26.0	47.1	84.7	207.5	54.5	84.0
RICE	30.4	34.5	39.5	37.8	28.3	34.1
RILEY	35.4	32.1	33.7	34.2	30.2	33.1
ROOKS	50.0	41.1	69.0	85.1	184.2	85.9
RUSH	65.2	47.6	57.1	166.7	64.5	80.2
RUSSELL	90.9	24.4	114.3	66.7	48.4	68.9
SALINE	129.7	100.1	135.6	168.6	144.4	135.7
SCOTT	29.4	64.5	163.6	62.5	155.6	95.1
SEDGWICK	121.4	121.7	127.6	138.3	135.2	128.8
SEWARD	175.3	130.4	137.1	147.5	155.9	149.2
SHAWNEE	112.4	117.2	120.8	124.2	130.8	121.1
SHERIDAN	0.0	80.0	52.6	0.0	129.0	52.3
SHERMAN	113.9	77.8	61.7	82.2	118.3	90.8
SMITH	36.4	0.0	18.5	95.2	51.3	40.3
STAFFORD	66.7	80.6	32.8	111.1	90.9	76.4
STANTON	28.6	55.6	230.8	133.3	300.0	149.7
STEVENS	137.9	156.3	122.2	76.9	103.9	119.4
SUMNER	94.1	63.2	99.4	66.0	76.9	79.9
THOMAS	58.1	86.1	41.9	47.8	27.6	52.3
TREGO	37.7	26.3	74.1	120.0	105.3	72.7
WABAUNSEE	50.5	77.7	63.8	53.3	64.5	62.0
WALLACE	28.6	30.3	0.0	76.9	0.0	27.2
WASHINGTON	51.3	26.7	55.6	0.0	52.6	37.2
WICHITA	24.4	250.0	50.0	285.7	300.0	182.0
WILSON	129.0	91.7	102.8	174.8	177.1	135.1
WOODSON	115.4	92.6	175.0	181.8	166.7	146.3
WYANDOTTE	172.4	186.6	190.5	218.3	190.4	191.6
KANSAS	86.8	85.1	87.1	93.1	93.1	89.0

* Teenage pregnancies include the sum of live births, stillbirths and abortions.

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

2003-2007 female age-group population estimates were compiled by the U.S. Census Bureau as of 7/1 of each year.

Source: Kansas Department of Health and Environment

Technical Notes

Abortion (induced termination of pregnancy): The purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus and which does not result in a live birth. [K.S.A. 65-2401 (4)]

Stillbirth: Any complete expulsion or extraction from its mother of a product of human conception, the weight of which is in excess of 350 grams, irrespective of the duration of pregnancy, resulting in other than a live birth, and which is not an induced termination of pregnancy. [K.S.A. 65-2401 (3)]

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. [K.S.A. 65-2401 (2)]

Residence Data: Residence data is information compiled according to the usual residence regardless of where the event occurred (including events occurring out-of-state).

Teenage Pregnancy Components: A live birth, stillbirth, or abortion occurring to a female under 20 years of age.

Teenage Pregnancy Rate:
$$\frac{\text{live births, stillbirths, abortions}}{\text{female population in a specific age-group}} \times 1,000$$

Population:

1988-1989, 1991-1999 and 2002-2007 female age-group population estimates and actual population counts for 1990 and 2000 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.

2003-2007 female age-group county population estimates were obtained from the Bridged-race Vintage 2003, 2004, 2005, 2006 and 2007 postcensal 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>.

Technical Notes (Cont.)

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 density based on their 2000 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.

Counties are grouped in population density peer groups as follows:

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

Technical Notes (Cont.)

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- or 10- year average of single-year rates, would be more accurate in formulating conclusions on vital events. For example, between 2003 and 2007, the teenage pregnancy rate for Kansas varied from 26.1 to 27.8 teenage pregnancies per 1,000 10-19 female population. The 2003-2007 5-year teenage pregnancy rate was 26.8. The 5-year rate smoothes some of the variation in single-year rates and would be a more reliable indicator of teenage pregnancy rates in Kansas.

Rates based on a small or large number of events in a sparsely populated area can vary widely. To exemplify the variation that may occur with a small change in the number of events, in 2007, Comanche County had one of the lowest 10-19 female populations in Kansas at 99 and Sedgwick County had one of the highest at 33,403. With two teenage pregnancies occurring for Comanche County residents in 2007, the 10-19 teenage pregnancy rate was 20.2; whereas 1,132 teenage pregnancies occurring for Sedgwick County residents resulted in a teen pregnancy rate of 33.9 per 1,000 10-19 female population. If five more teenage pregnancies had occurred for each county, Comanche County's teenage pregnancy rate would have increased to 70.7, while Sedgwick County's rate would have increased only slightly, to 34.0 teenage pregnancies per 1,000 10-19 female population. Therefore, one must use caution when comparing rates of vital events between counties of significantly different population sizes to avoid misleading conclusions.

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. Those pregnancy outcomes will be reported as unknown and are not factored into any county-based rates.