

Community Health Needs Assessment for Labette County

provided by



Facilitated by:

National Center for Rural Health Works
Oklahoma State University
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COUNTY HEALTH RANKING: LABETTE 2010
Population Estimate, 2009: 21,776

	Labette County	Error Margin	Kansas	Target Value*	Trend	Rank (of 99)
HEALTH OUTCOMES						94
<i>Mortality</i>						88
Premature death	9,654	8,190- 11,117	7,142	5,742		
<i>Morbidity</i>						96
Poor or fair health	22%	17-28%	13%	9%		
Poor physical health days	3.0	2.3-3.7	2.9	1.9		
Poor mental health days	2.8	2.0-3.6	2.8	1.7		
Low birthweight	8.7%	7.4-9.9%	7.1%	5.7%		
HEALTH FACTORS						84
<i>Health Behaviors</i>						91
Adult smoking	20%	16-25%	19%	12%		
Adult obesity	31%	26-36%	28%	28%		
Binge drinking	13%	9-18%	14%	8%		
Motor vehicle crash death rate	29	21-37	19	15		
Chlamydia rate	234			29	296	
Teen birth rate	54	48-60	43	24		
<i>Clinical Care</i>						10
Uninsured adults	9%	8-11%	12%	11%		
Primary care provider rate	87		82	100		
Preventable hospital stays	83	76-90	79	61		
Diabetic screening	77%	72-82%	83%	91%		
Hospice use	30%	23-39%	33%	40%		
<i>Social & Economic Factors</i>						89
High school graduation	79%		78%	91%		
College degrees	16%	15-17%	26%	23%		
Unemployment	5%	5-5%	4%	3%		
Children in poverty	20%	16-24%	15%	11%		

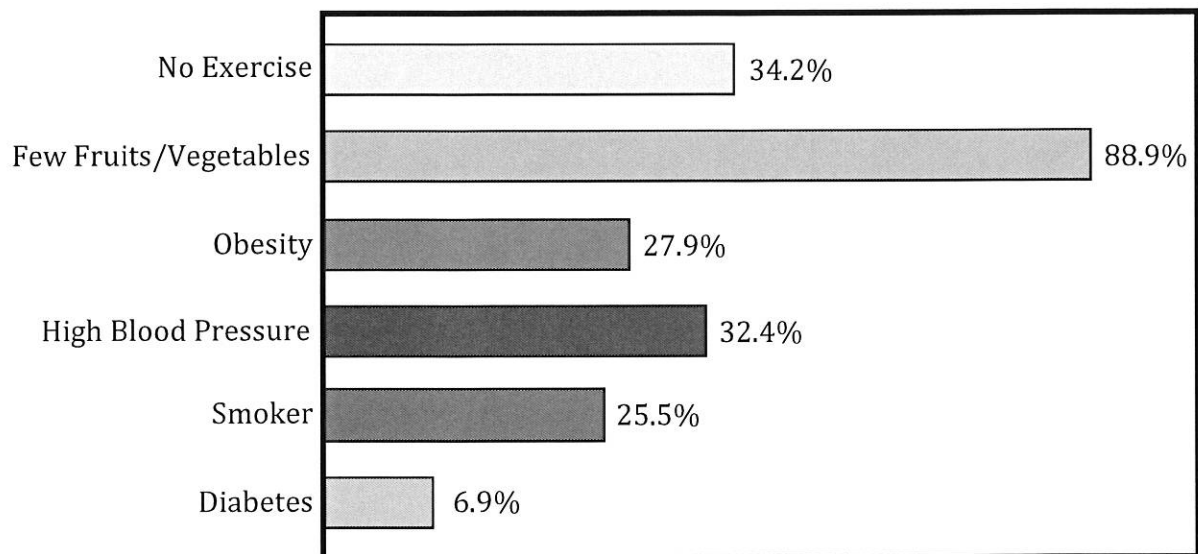
	Labette County	Error Margin	Kansas	Target Value*	Trend	Rank (of 99)
Income inequality	41		43	38		
Inadequate social support	21%	15-27%	16%	11%		
Single-parent households	9%	8-11%	8%	5%		
Homicide rate	5	2-10	5	0		
<i>Physical Environment</i>						31
Air pollution-particulate matter days	1		1	0		
Air pollution-ozone days	0		0	0		
Access to healthy foods	50%		35%	50%		
Liquor store density	3.2		2.2			
* 90th percentile, i.e., only 10% are better. Note: Blank values reflect unreliable or missing data						2010

Source: URL: <http://www.countyhealthrankings.org/kansas/labette>

RISK FACTORS FOR PREMATURE DEATH ¹

Labette County, KS

Communities may wish to obtain information about these measures, collected and monitored at local level.



nrf No report, survey sample size fewer than 50.

¹CDC. Behavioral Risk Factor Surveillance System, 2000-2006

ACCESS TO CARE

Labette County, KS

In addition to use of services, access to care may be characterized by medical care coverage and service availability.

Uninsured individuals (age under 65) ¹	—————>	1,965
Medicare beneficiaries ²		
Elderly (Age 65+)	—————>	3,436
Disabled	—————>	924
Medicaid beneficiaries ²	—————>	4,577
Primary care physicians per 100,000 pop ²	—————>	68.6
Dentists per 1000,000 pop ²	—————>	18.3
Community/Migrant Health Centers ³	—————>	No
Health Professional Shortage Area ³	—————>	No

nda: No data available

¹The Census Bureau. Small Area Health Insurance Estimates Program, 2006

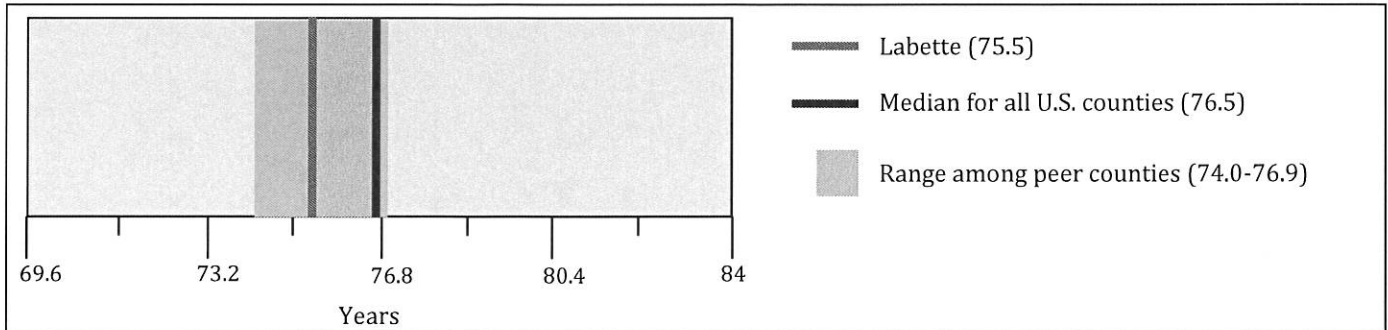
²HRSA. Area Resource File, 2008

³HRSA. Geospatial Data Warehouse, 2009

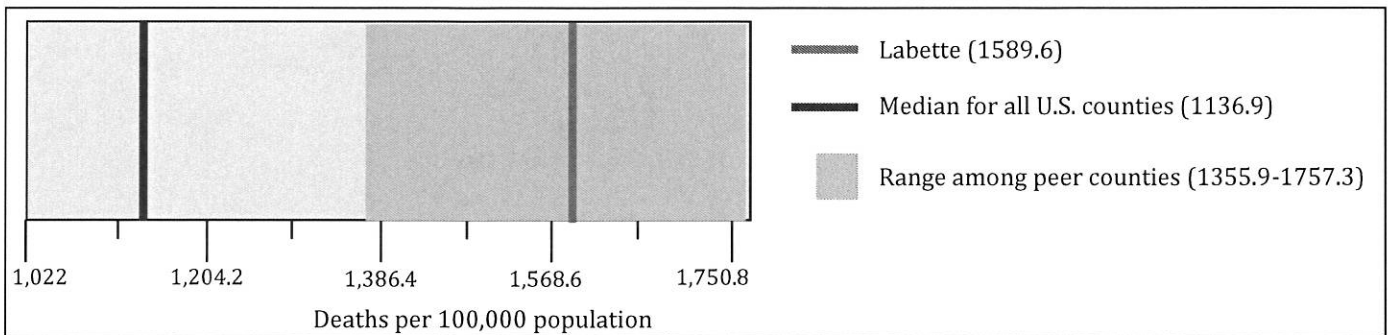
SUMMARY MEASURES OF HEALTH

Labette County, KS

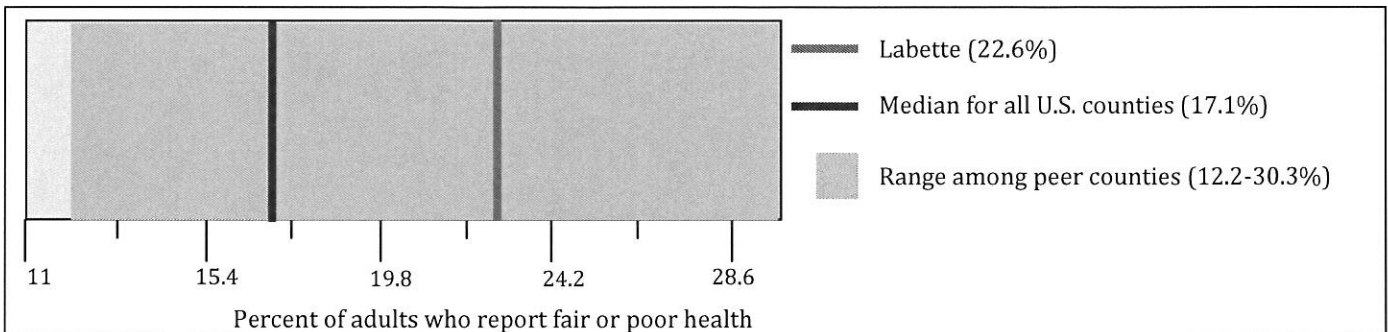
AVERAGE LIFE EXPECTANCY¹



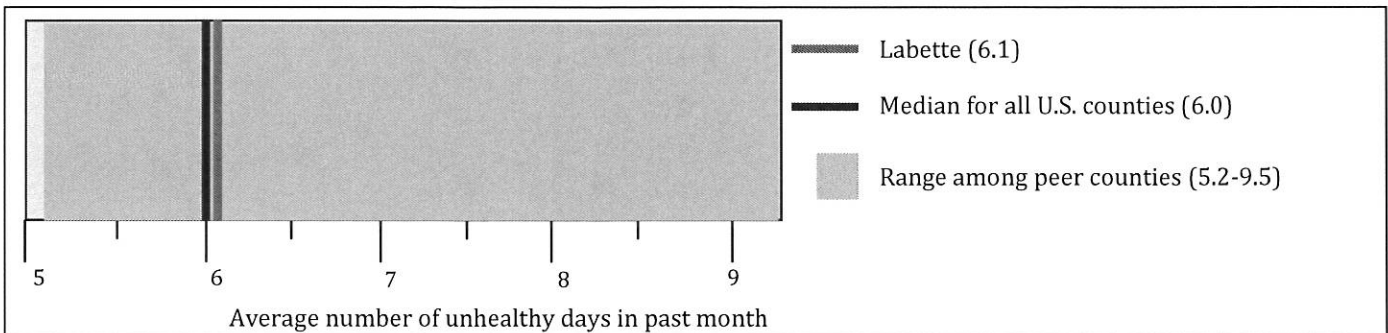
ALL CAUSES OF DEATH²



SELF-RATED HEALTH STATUS³



AVERAGE NUMBER OF UNHEALTHY DAYS IN PAST MONTH³



nrf: no report, survey sample size fewer than 50 nda: no data available

¹Murray et al., PLoS Medicine 2006 Vol. 3, No. 9, e260 doi. 10.1371/journal.pmed.0030260



²NCHS Vital Statistics Reporting System, 1996-2005

³CDC. Behavioral Risk Factor Surveillance System, 2000-2006

RELATIVE HEALTH IMPORTANCE

Labette County, KS

Your Health Status Compared to Peers

		UNFAVORABLE	FAVORABLE
Your County's Health Compared to U.S. Rates	UNFAVORABLE	 <ul style="list-style-type: none"> • Premature Births (<37 weeks) • Births to Women Under 18 • Births to Unmarried Women • Post-neonatal Infant Mortality • Breast Cancer (female) • Colon Cancer • Homicide • Motor Vehicle Injuries • Suicide 	<ul style="list-style-type: none"> • White non-Hispanic Infant Mortality • Coronary Heart Disease • Lung Cancer • Stroke • Unintentional Injury
	FAVORABLE	<ul style="list-style-type: none"> • Low Birth Weight (<2500 g) 	 <ul style="list-style-type: none"> • Very Low Birth Weight (<1500 g) • Births to Women Age 40-54 • Infant Mortality • Neonatal Infant Mortality

The Relative Health Importance table creates four categories of relative concern by simply comparing a county to its peers and to the U.S.

A county's indicators in the upper left-hand box (🔍) are higher than the U.S. and its peers and may warrant more attention. Conversely, indicators in the lower right-hand box (🍏) of the table compare favorably to both peers and the U.S. The other boxes represent intermediate levels of health where a county's rate is higher than either its peers or the U.S., but not both.

Source: Measures of Birth and Death tables, pages 6 -7.

COMMUNITY HEALTH STATUS INDICATORS

Measures of Birth and Death¹: Labette County, KS







Indicates a status favorable to peer county median value.












Indicates that a closer look and perhaps reduction to the percent or rate may be needed.

Blank indicates no comparison.

County Percent/ C.I.			Peer County Range	Birth Measures	U.S. Percent 2005	Healthy People 2010 Target
8.2	(7.2, 9.2)		6.4 - 9.3	Low birth Wt. (<2500 g)	8.2	5.0
1.0	(0.6, 1.4)		0.9 - 1.8	Very Low Birth Wt. (<1500 g)	1.5	0.9
13.3	(12.0, 14.6)		10.8 - 14.2	Premature Births (<37 weeks)	12.7	7.6
5.0	(4.2, 5.8)		3.3 - 6.0	Births to Women under 18	3.4	no objective
0.9	(0.6, 1.3)		0.7 - 1.7	Births to Women age 40-54	2.7	no objective
39.0	(37.2, 40.8)		23.5 - 39.0	Births to Unmarried Women	36.9	no objective
cdna	(cdna, cdna)		cdna	No Care in First Trimester ²	cdna	10.0

County Percent/ C.I.			Peer County Range	Infant Mortality ³	U.S. Rate 2005	Healthy People 2010 Target
6.2	(3.6, 9.9)		4.4 - 9.3	Infant Mortality	6.9	4.5
6.5	3.7, 10.6)		4.0 - 9.5	White non Hispanic Infant Mortality	5.8	4.5
nrf	(nrf, nrf)		0.0 - 27.5	black non Hispanic Infant Mortality	13.6	4.5
nrf	(nrf, nrf)		0.0 - 17.5	Hispanic Infant Mortality	5.6	4.5
1.8	(0.6, 4.2)		1.8 - 7.3	Neonatal Infant Mortality	4.5	2.9
4.4	(2.3, 7.6)		1.2 - 4.4	Post-neonatal Infant Mortality	2.3	1.2

County Percent/ C.I.			Peer County Range	Death Measures ⁴	U.S. Rate 2005	Healthy People 2010 Target
45.9	(33.2, 62.0)		27.6 - 53.4	Breast Cancer (Female)	24.1	21.3
47.8	(38.1, 59.2)		24.4 - 47.8	Colon Cancer	17.5	13.7
312.9	(287.4, 338.3)		251.4 - 450.3	Coronary Heart Disease	154.0	162.0
8.6	(4.3, 15.5)		2.0 - 13.0	Homicide	6.1	2.8
110.1	(94.1, 126.2)		92.2 - 137.9	Lung Cancer	52.6	43.3
61.7	(48.9, 76.7)		32.7 - 76.7	Motor Vehicle Injuries	14.6	8.0
94.9	(81.2, 108.6)		78.5 - 132.8	Stroke	47.0	50.0
25.2	(17.2, 35.5)		15.0 - 36.1	Suicide	10.9	4.8
42.0	(32.3, 53.6)		31.4 - 55.2	Unintentional Injury	39.1	17.1

The total number of births during this time period was 2,748 and the total number of deaths was 2,975.

BEHAVIORAL RISK FACTOR REPORTING FOR LABETTE COUNTY AND THE STATE OF KANSAS, 2009

	Labette County Weighted %	State of Kansas Weighted %
Percentage of adults who are binge drinkers ¹	19.2	14.5
Percentage of adults who reported heavy alcohol consumption in the past 30 days ²	2.2	4.1
Percentage of adults with doctor diagnosed arthritis ³	26.9	24.1
Percentage of adults with doctor diagnosed arthritis who are limited in their usual activities because of arthritis or joint symptoms ⁴	51.3	44.9
Percentage of adults with diagnosed cancer ⁵	11.7	9.9
Percentage of adults who provide care or assistance to a friend or family member who has a health problem, long-term illness or disability ⁶	29.4	26.4
Percentage of adults with current asthma ⁷	9.7	8.5
Percentage of adults with diagnosed diabetes ⁸	9.7	8.5
Percentage of adults who reported living with a disability ⁹	20.7	20.5
Percentage of adults who reported activity limitations due to physical, mental or emotional problems ¹⁰	20.3	18.9
Percentage of adults who reported consuming fruits and vegetables less than five times per day ¹¹	81.6	81.4
Percentage of adults who have gambled in the past 12 months ¹²	38.8	38.4
Percentage of adults with fair or poor self-perceived health status ¹³	13.5	12.3
Percentage of adults who lack health care coverage ¹⁴	19.7	11.8
Percentage of adults with no personal doctor of health care provider ¹⁵	15.0	14.6
Percentage of adults who could not see doctor because of cost in past 12 months ¹⁶	21.8	11.2
Percentage of adults who reported their mental health was not good on 14 or more days in the past 30 days ¹⁷	9.4	8.6
Percentage of adults who had a heart attack ¹⁸	5.5	3.7
Percentage of adults tested and diagnosed with high cholesterol ¹⁹	43.4	38.6
Percentage of adults with diagnosed hypertension ²⁰	30.0	28.7
Percentage of adults, ages 18 years and older who did not receive a flu shot during the past 12 months ²¹	48.1	58.9
Percentage of adults not participating in any physical activity (leisure time physical activity) ²²	32.8	23.2
Percentage of adults not participating in recommended level of physical activity ²³	51.6	51.5
Percentage of adults not participating in recommended level of moderate physical activity ²⁴	51.6	51.5
Percentage of adults not participating in recommended level of vigorous physical activity ²⁵	65.8	72.5
Percentage of adults who did not get enough rest or sleep on 14 or more days in past 30 days ²⁶	34.6	26.4
Percentage of adults who ever served on active duty in the U.S. Armed Forces ²⁷	18.3	12.1
Percentage of adults who are obese ²⁸	31.2	28.8
Percentage of adults who are overweight or obese ²⁹	66.7	64.6
Percentage of adults who are current smokers ³⁰	26.5	17.8
Percentage of adults who currently use any smokeless tobacco product ³¹	15.3	5.9

SOURCE: Kansas Behavioral Risk Factor Surveillance System, 2009; The Kansas Department of Health and Environment

*Upper and lower confidence levels in the 95th percentile are available on the website.

TABLE 6

Footnotes for Table 6

¹Respondents males having five or more drinks on one occasion in the past 30 days or females having four or more drinks on one occasion in the past 30 days.

²Male respondents who reported consuming an average of more than two drinks per day and female respondents who reported consuming an average of more than one drink per day during the past 30 days.

³Respondents who reported they had been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia.

⁴Respondents who reported any limitation in their usual activities because of arthritis or joint symptoms.

⁵Respondents reporting they had been told by a doctor, nurse or other health professional that they had cancer.

⁶Respondents who reported that they provided regular care or assistance to a family member or friend who has a health problem, long-term illness or disability in the past month.

⁷Respondents reporting they had been told by a doctor or health professional that they had asthma and that they currently have asthma.

⁸Respondents reporting they had been told by a doctor they have diabetes, excluding females told only during pregnancy and prediabetes or borderline diabetes.

⁹Respondents who reported they were limited in any activities because of physical, mental or emotional problems.

¹⁰Respondents who reported they were limited in any activities because of physical, mental or emotional problems.

¹¹Respondents who reported they consumed fruits and vegetables less than five times per day.

¹²Respondents reporting they had played the lottery, bingo, card games, slot machines or any other games for money or something else of value in the last 12 months.

¹³Respondents reporting that in general their health is fair or poor.

¹⁴Respondents reporting they had no health care coverage.

¹⁵Respondents reporting they had no personal doctor or health care provider.

¹⁶Respondents reporting they could not see a doctor because of cost in the past 12 months.

¹⁷Respondents reporting 14 or more days when their mental health was not good.

¹⁸Respondents who reported that a doctor, nurse or other health professional EVER told them that they had ever had a heart attack, also called a myocardial infarction.

¹⁹Respondents reporting they had been told by a doctor or health care professional that they have high blood cholesterol.

²⁰Respondents reporting they had been told by a doctor or health professional that they have high blood pressure.

²¹Respondents who reported they did not have a flu shot during the past 12 months.

²²Respondents reporting they did not participate in any physical activities or exercise, other than their regular job in the past 30 days.

²³Respondents reporting they did not participate in moderate physical activities at least five times per week for at least 30 minutes or vigorous physical activities at least 3 times per week for at least 20 minutes.

²⁴Respondents reporting they did not participate in moderate physical activity defined as 30 or more minutes per day for five or more days per week, or vigorous activity for 20 or more minutes per day on three or more days.

²⁵Respondents reporting they did not participate in vigorous physical activities at least three times per week for at least 20 minutes.

²⁶Respondents reporting they did not get enough sleep on 14 or more days in the past 30 days.

²⁷Respondents who reported that they served on active duty in the U.S. Armed Forces, either in the regular military or in a National Guard or military.

²⁸Respondents with a body mass index greater than or equal to 25, based on self-reported height and weight.

²⁹Respondents with a body mass index greater than or equal to 25, based on self-reported height and weight.

³⁰Respondents who reported they have smoked at least 100 cigarettes in their entire life and that they now smoke some days or every day.

³¹Respondents who reported they currently use chewing tobacco, snuff or snus (Swedish for snuff) some days or every day.

ADEQUACY OF PRENATAL CARE UTILIZATION (APNCU) INDEX* BY COUNTY OF RESIDENCE FOR LABETTE COUNTY AND STATE OF KANSAS

	Labette County						State of Kansas					
	2007		2008		2009		2007		2008		2009	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<i>Total Live Births</i>	330	100.0%	294	100.0%	297	100%	41,951	100.0%	41,815	100.0%	41,388	100.0%
Adequate Plus	90	33.4%	87	36.7%	74	29.6%	12,475	31.9%	11,995	30.4%	12,188	31.3%
Adequate	110	40.9%	89	37.6%	106	42.4%	17,749	45.4%	18,632	47.2%	18,571	47.7%
Intermediate	18	6.7%	16	6.8%	18	7.2%	2,480	6.4%	2,643	6.7%	2,372	6.1%
Inadequate	51	19.0%	45	19.0%	52	20.8%	6,351	16.3%	6,238	15.8%	5,799	14.9%
Not Specified	61	---	57	---	47	---	2,896	---	2,307	---	2,458	---

Source: Bureau of Epidemiology and Public Health Informatics, Kansas Department of Health and Environment, Annual Summary of Vital Statistics (<http://www.kdheks.gov>)

APNCU Reference: Kotelchuck M. "An evaluation of the Kessner Adequacy of Prenatal Care Index and proposed Adequacy of Prenatal Care Utilization Index."

American Journal of Public Health, 1994; 84:1414-1420

Adequate Plus: Prenatal care begun by 4th month and 110% or more of recommended visits received.

Adequate: Prenatal care begun by the 4th monthly and 80%-109% of recommended visits received.

Intermediate: Prenatal visits are begun by 4th month and 50%-79% of recommended visits received.

Inadequate: Prenatal care after the 4th month or less than 50% of recommended visits received.

**TEENAGE PREGNANCY RATES AND PERCENTAGES OF BIRTHS TO SINGLE MOTHERS
FOR LABETTE COUNTY, KS AND THE STATE OF KANSAS, 2005-2009**

	2005	2007	2009	5 YEAR RATE
10-19 Years of Age				
Labette County	33.6	48.5	38.7	38.8
State of Kansas	26.7	27.8	26.8	27.4
10-17 Years of Age				
Labette County	11.2	15.3	12.6	14.2
State of Kansas	10.4	10.9	10.0	10.5
15-17 Years of Age				
Labette County	21.9	35.7	33.0	32.5
State of Kansas	25.7	26.8	25.2	26.0
Percentage of Out of Wedlock Births				5 Year Average
Labette County	37.1%	46.7%	48.1%	44.0%
State of Kansas	34.0%	36.4%	37.6%	36.0%

Source: Bureau of Epidemiology and Public Health Informatics, Kansas Department of Health and Environment, Adolescent and Teenage Pregnancy Report (<http://www.kdheks.gov>)