

*Use of 2009 Kansas Behavioral Risk
Factor Surveillance System Local
Data in Public Health Practice*

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Our Vision – Healthier Kansans living in safe and sustainable environments.

How to Access 2009 Kansas Behavioral Risk Factor Surveillance System (BRFSS) Local Data

- Kansas BRFSS Homepage

<http://www.kdheks.gov/brfss/>

- KS BRFSS - Local Data, 2009 ^{NEW}

<http://www.kdheks.gov/brfss/Expansion/index.html>



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- [Introduction](#)
- [Technical Notes](#)
- [Publications](#)
- [Quality Control](#)
- [Contact Information](#)
- [KS BRFSS - Local Data, 2009](#) NEW
- BRFSS CDC Links:
 - [CDC BRFSS Web site](#)
 - [SMART BRFSS Web site](#)
- [Health Risk Studies Home Page](#)



- Questionnaire files (pdf) :** [1993](#) [1994](#) [1995](#) [1996](#) [1997](#) [1998](#) [1999](#) [2000](#) [2001](#) [2002](#) [2003](#) [2004](#) [2005](#) [2006](#) [2007](#) [2008](#) [2009](#)
- Questions & Tables:** [1992](#) [1993](#) [1994](#) [1995](#) [1996](#) [1997](#) [1998](#) [1999](#) [2000](#) [2001](#) [2002](#) [2003](#) [2004](#) [2005](#) [2006](#) [2007](#) [2008](#) [2009](#)
- Question Topics :** [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)
- Crosstabulation Table Description Listing :** [1999](#) [2000](#) [2001](#) [2002](#) [2003](#) [2004](#) [2005](#) [2006](#) [2007](#) [2008](#) [2009](#)
- Summary Index Table Description Listing :** [2005](#) [2006](#) [2007](#) [2008](#) [2009](#)

DATA AVAILABLE ON THE THIS SITE IS FOR 1999 - 2009.

View Topics by *Subject* or by *Individual Year*.

Topics:

Activity Limitation	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Advance Care Planning															2007		
Alcohol	1992	1993	1994	1995	1997		1999		2001	2002	2003	2004	2005	2006	2007	2008	2009
Animal Ownership												2004					
Anxiety and Depression														2006		2008	

The Kansas Department of Health and Environment
 Sam Brownback, Governor - Robert Moser, MD, Acting Secretary
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Health Environment Laboratories

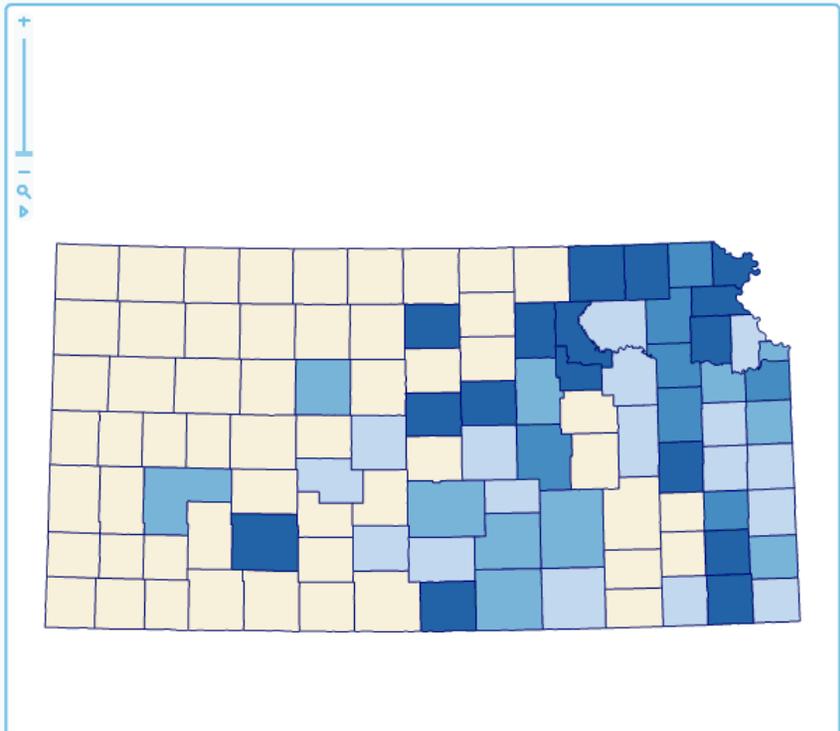


Bureau of Health Promotion
Kansas Behavioral Risk Factor Surveillance System - Local Data, 2009

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SELECT DATA
 GEOGRAPHY
 Percentage of Adults Who Are Binge Drinkers

Area	Unweighted Freq	Weighted %	Lower 95% CI	Upper 95% CI
Allen	10	15.8	3.2	28.3
Anderson	6	10.4	0.0	21.3
Atchison	21	21.9	11.1	32.7
Barber	*	*	*	*
Barton	15	11.6	4.8	18.4
Bourbon	8	5.9	1.2	10.6
Brown	7	15.7	0.0	32.4
Butler	49	14.1	9.1	19.2
Chase	*	*	*	*
Chautauqua	*	*	*	*
Cherokee	11	11.2	2.1	20.4
Cheyenne	*	*	*	*
Clark	*	*	*	*
Clay	9	24.8	5.3	44.4
Cloud	*	*	*	*
Coffey	11	23.0	7.9	38.0
Comanche	*	*	*	*
Cowley	20	6.8	3.0	10.5
Crawford	27	12.7	6.6	18.8
Decatur	*	*	*	*
Dickinson	14	13.4	6.0	20.7
Doniphan	13	22.1	6.7	37.5
Douglas	70	13.1	7.1	19.1
Edwards	*	*	*	*
Elk	*	*	*	*



InstantAtlas™ Report - Windows Internet Explorer

http://www.kdheks.gov/brfss/Expansion/index.html

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Kansas Behavioral Risk Factor Surveillance System - Local Data, 2009

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SELECT DATA

Percentage of Adults Who Are Binge Drinkers

- Alcohol Consumption
 - Percentage of Adults Who Are Binge Drinkers
 - Percentage of Adults Who Are Not Binge Drinkers
 - Percentage of Adults Who Reported Heavy Alcohol Consumption in the Past 30 Days
 - Percentage of Adults Who Did Not Report Heavy Alcohol Consumption in the Past 30 Days
- Arthritis Status
 - Percentage of Adults with Doctor Diagnosed Arthritis
 - Percentage of Adults without Doctor Diagnosed Arthritis
 - Percentage of Adults with Doctor Diagnosed Arthritis Who Are Limited in Their Usual Activities Because of Arthritis or Joint Symptoms
 - Percentage of Adults with Doctor Diagnosed Arthritis Who Are Not Limited In Their Usual Activities Because of Arthritis or Joint Symptoms
- Cancer Status
 - Percentage of Adults with Diagnosed Cancer
 - Percentage of Adults without Diagnosed Cancer
- Caregiver Status
 - Percentage of Adults Who Provide Care or Assistance to a Friend or Family Member Who Has a Health Problem, Long-term Illness, or Disability
 - Percentage of Adults Who Do Not Provide Care or Assistance to a Friend or Family Member Who Has A Health Problem, Long-term Illness, or Disability
- Current Asthma Status
 - Percentage of Adults with Current Asthma
 - Percentage of Adults without Current Asthma
- Diabetes Status
 - Percentage of Adults with Diagnosed Diabetes
 - Percentage of Adults without Diagnosed Diabetes
- Disability Status
 - Percentage of Adults Who Reported Living with a Disability
 - Percentage of Adults Who Reported Living without a Disability
 - Percentage of Adults Who Reported Activity Limitations Due to Physical, Mental, or Emotional Problems
 - Percentage of Adults Who Reported No Activity Limitations Due to Physical, Mental, or Emotional Problems

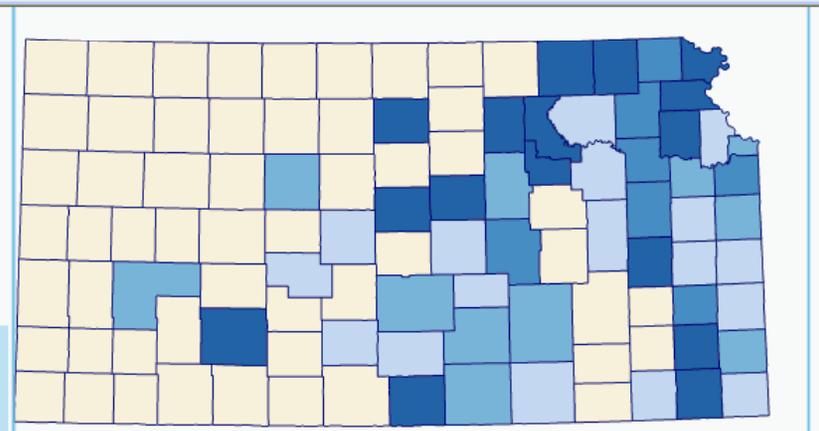
Done

Internet 100%

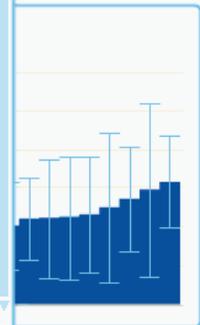
start Microsoft PowerPoint ... InstantAtlas™ Repor...

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- Percentage of Adults Who Had a Heart Attack
- Percentage of Adults Who Did Not Have a Heart Attack
- High Blood Cholesterol Status
 - Percentage of Adults Tested and Diagnosed with High Cholesterol
 - Percentage of Adults Tested and Not Diagnosed with High Cholesterol
- High Blood Pressure Status
 - Percentage of Adults with Diagnosed Hypertension
 - Percentage of Adults without Diagnosed Hypertension
- Immunization Status
 - Percentage of Adults Ages 18 Years and Older Who Did Not Receive a Flu Shot During the Past 12 Months
 - Percentage of Adults Ages 18 Years and Older Who Received a Flu Shot During the Past 12 Months
- Physical Activity Status
 - Percentage of Adults Not Participating in Any Physical Activity (Leisure Time Physical Activity)
 - Percentage of Adults Participating in Any Physical Activity (Leisure Time Physical Activity)
 - Percentage of Adults Not Participating in Recommended Level of Physical Activity
 - Percentage of Adults Participating in Recommended Level of Physical Activity
 - Percentage of Adults Not Participating in Recommended Level of Moderate Physical Activity
 - Percentage of Adults Participating in Recommended Level of Moderate Physical Activity
 - Percentage of Adults Not Participating in Recommended Level of Vigorous Physical Activity
 - Percentage of Adults Participating in Recommended Level of Vigorous Physical Activity
- Sleep Status
 - Percentage of Adults Who Did Not Get Enough Rest or Sleep on Fourteen or More Days in Past 30 Days
 - Percentage of Adults Who Did Not Get Enough Rest or Sleep on One to Thirteen Days in Past 30 Days
 - Percentage of Adults Who Got Enough Rest or Sleep on All Days in Past 30 Days
- Tobacco Use
 - Percentage of Adults Who Are Current Smokers
 - Percentage of Adults Who Are Former Smokers
 - Percentage of Adults Who Are Never Smokers
 - Percentage of Adults Who Currently Use Any Smokeless Tobacco Product
 - Percentage of Adults Who Currently Do Not Use Any Smokeless Tobacco Product
- Veteran Status
 - Percentage of Adults Who Ever Served on Active Duty in the United States Armed Forces
 - Percentage of Adults Who Never Served on Active Duty in the United States Armed Forces
- Weight Status
 - Percentage of Adults Who Are Obese
 - Percentage of Adults Who Are Overweight
 - Percentage of Adults Who Are Normal or Underweight
 - Percentage of Adults Who Are Overweight or Obese



KDHE Bureau of Health Promotion



Numerator: Respondents 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.

Denominator: All respondents, excluding unknowns and refusals.

- < 11.9
- 12.0 - 14.5
- 14.6 - 17.1
- ≥ 17.2
- Insufficient Sample

* Insufficient Sample, CL = Confidence Limit, freq = frequency



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Percentage of Adults Who Are Current Smokers, 2009

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

* Insufficient Sample

Region	Counties Included
Central Kansas Region	Barton , McPherson , Pawnee , Rice , Saline , Stafford
East Central Kansas Public Health Coalition	Chase, Coffey , Franklin , Greenwood , Lyon , Morris, Osage , Wabaunsee
West Central Public Health Initiative	Gove, Logan, Ness, Sheridan, Sherman, Trego
North Central Kansas Public Health Initiative	Clay , Cloud , Dickinson , Ellsworth , Jewell, Lincoln, Mitchell , Osborne, Ottawa, Republic, Russell, Smith, Washington
South Central Coalition	Barber , Comanche, Edwards, Harper , Kingman , Kiowa, Pratt

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- [Coffey](#)
- [Comanche](#) *
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- [Gray](#) *
- [Greeley](#) *
- [Greenwood](#)
- [Hamilton](#) *
- [Harper](#)
- [Harvey](#)
- [Haskell](#) *
- [Hodgeman](#) *
- [Lyon](#)
- [McPherson](#)
- [Marion](#)
- [Marshall](#)
- [Meade](#) *
- [Miami](#)
- [Mitchell](#)
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- [Reno](#)
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- [Wabaunsee](#)
- [Wallace](#) *
- [Washington](#)
- [Wichita](#) *
- [Wilson](#)
- [Woodson](#) *
- [Wyandotte](#)

* Insufficient Sample

Region	Counties Included
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West Central Public Health Initiative	Gove, Logan, Ness, Sheridan, Sherman, Trego
North Central Kansas Public Health Initiative	Clay , Cloud , Dickinson , Ellsworth , Jewell, Lincoln, Mitchell , Osborne, Ottawa, Republic, Russell, Smith, Washington
South Central Coalition	Barber , Comanche, Edwards, Harper , Kingman , Kiowa, Pratt
South Central Metro Region	Butler , Cowley , Harvey , Marion , Reno , Sedgwick , Sumner
Western Pyramid Region	Finney , Greeley, Hamilton, Kearny, Lane, Scott, Wallace, Wichita
Northwest BT Region	Cheyenne, Decatur, Graham, Norton, Phillips , Rawlins, Rooks, Thomas
Southwest Kansas Health Initiative	Grant, Morton, Seward , Stanton, Stevens
Southwest Surveillance Region	Clark, Ford , Gray, Haskell, Hodgeman, Meade
Northeast Corner Regionalization Initiative	Atchison , Brown , Doniphan , Jackson , Jefferson , Marshall , Nemaha , Shawnee
SEK Multi-County Region	Allen , Anderson , Bourbon , Woodson
Lower 8 of SE Kansas Region	Chautauqua, Cherokee , Crawford , Elk, Labette , Montgomery , Neosho , Wilson
Wildcat Region	Geary , Pottawatomie , Riley
Kansas City Area Coalition	Douglas , Johnson , Leavenworth , Linn , Miami , Wyandotte
Ellis County Health Department	Ellis
Rush County Health Department *	Rush

* Insufficient Sample



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Percentage of Adults Who Are Current Smokers, 2009

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

* Insufficient Sample

Region	Counties Included
Central Kansas Region	Barton , McPherson , Pawnee , Rice , Saline , Stafford
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2009 Kansas BRFSS Data Results - Windows Internet Explorer

http://www.kdheks.gov/brfss/Expansion/SG/CurrentSmoker_County_SG.HTML

2009 Kansas BRFSS Data Results

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Percentage of Adults Who Are Current Smokers, 2009

Sedgwick County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Sedgwick County	518	19.2	17.2	21.1
Gender				
Men	210	18.5	15.6	21.5
Women	308	19.7	17.2	22.3
Age				
18 to 44 Years	166	21.2	17.8	24.6
45 to 64 Years	264	20.7	18.1	23.2
65 Years and Older	88	9.5	7.5	11.6
Ethnicity				
Hispanic	17	14.4	6.2	22.6
Non-Hispanic	501	19.4	17.5	21.4
Race				
White	432	18.9	16.8	21.0
African American	51	25.3	16.9	33.8
Other	21	18.4	9.9	26.9
Multi-Race	12	13.2	5.0	21.5
Education				
High School Graduate or Less	243	30.1	26.0	34.1
Some College or College Graduate	275	13.7	11.7	15.7
Annual Household Income				
Less than \$35,000 per Year	219	27.8	23.5	32.1
\$35,000 or Higher per Year	245	15.6	13.4	17.8
Disability				
Living with a Disability	156	21.2	17.5	25.0
Living without a Disability	355	18.2	16.0	20.4

Numerator: Respondents who reported they have smoked at least 100 cigarettes in their entire life and that they now smoke some days or every day.
Denominator: All respondents, excluding unknowns and refusals.
* Insufficient Sample

Use of Local BRFSS Data to Describe Community Profile – Sedgwick County Risk Factor Profile

Percentage of Adults Who Are Current Smokers, 2009

Sedgwick County

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
Sedgwick County	518	19.2	17.2	21.1

➤ POPULATION SIZE

- Total = 476,026;
- Adults ages 18 years and older = 347,023.

➤ PREVALENCE OF CURRENT SMOKING AMONG ADULTS AGES 18 YEARS AND OLDER

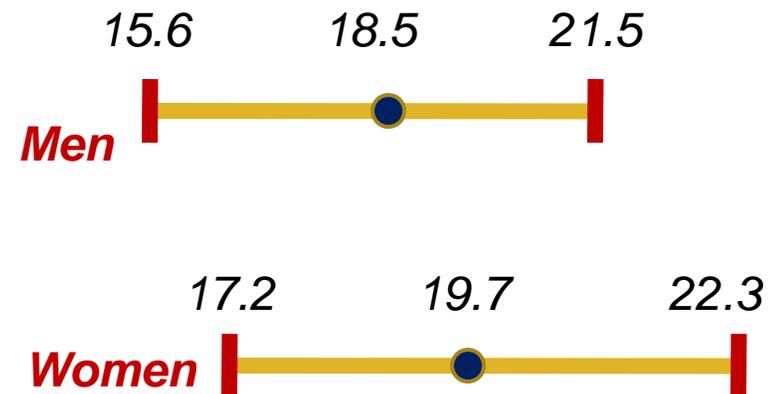
- 19.2% are current smokers ➡ **66,629 adults or about one out of five adults.**
- High prevalence of current smoking among adults ages 18 years and older.

Sedgwick County Risk Factor Profile - Continued

➤ PREVALENCE OF CURRENT SMOKING AMONG GENDER GROUPS

- The percentage of current smokers is not significantly different among two gender groups.

Gender Groups	Percentage of Current Smokers		
	%	95% C.I.	
Men	18.5%	15.6%	21.5%
Women	19.7%	17.2%	22.3%

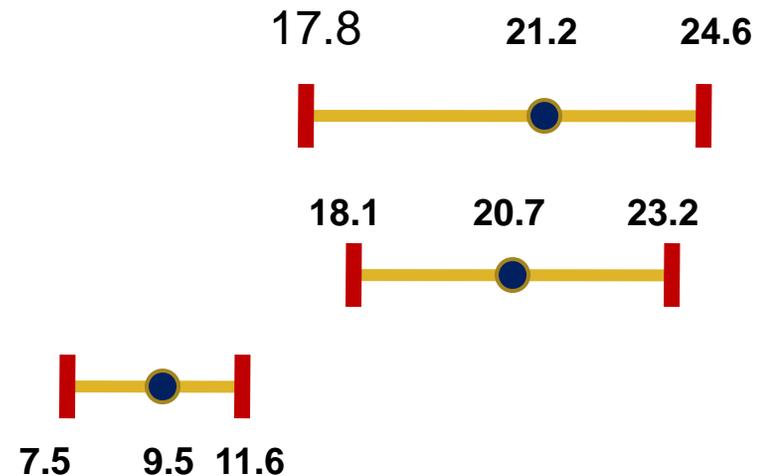


Sedgwick County Risk Factor Profile - Continued

➤ PREVALENCE OF CURRENT SMOKING AMONG AGE GROUPS

- The percentage of current smokers is significantly higher among working age adults (ages 18-44 & 45-64 years) as compared to older adults (65 years and older).

Age Groups	Percentage of Current Smokers		
	%	95% C.I	
18-44 years	21.2%	17.8%	24.6%
45-64 years	20.7%	18.1%	23.2%
65 years & older	9.5%	7.5%	11.6%

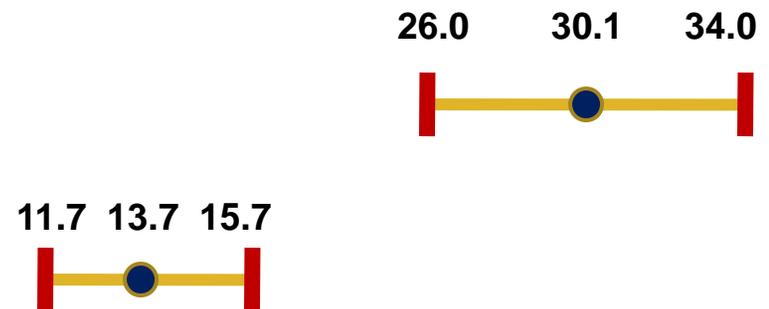


Sedgwick County Risk Factor Profile - Continued

➤ PREVALENCE OF CURRENT SMOKING AMONG EDUCATION GROUPS

- The percentage of current smokers is significantly higher among adults with low education (high school or less) as compared to those with high education (some college or college graduates).

Education Groups	Percentage of Current Smokers		
	%	95% C.I	
High School or less	30.1%	26.0%	34.0%
Some college or college graduate	13.7%	11.7%	15.7%





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Percentage of Adults Who Are Current Smokers, 2009

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Butler	Ford	Labette	Osborne *	Smith *
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Chautauqua *	Geary	Leavenworth	Pawnee	Stanton *
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Cheyenne *	Graham *	Linn	Pottawatomie	Sumner
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* Insufficient Sample

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SEK Multi-County Region	Allen , Anderson , Bourbon , Woodson
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Wildcat Region	Geary , Pottawatomie , Riley
Kansas City Area Coalition	Douglas , Johnson , Leavenworth , Linn , Miami , Wyandotte
Ellis County Health Department	Ellis
Rush County Health Department *	Rush

* Insufficient Sample

2009 Kansas BRFSS Data Results - Windows Internet Explorer

http://www.kdheks.gov/brfss/Expansion/NCKPHI/CurrentSmoker_Region_NCKPHI.HTML

2009 Kansas BRFSS Data Results

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Percentage of Adults Who Are Current Smokers, 2009

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
North Central Kansas Public Health Initiative County	109	16.0	12.4	19.7
Gender				
Men	43	15.1	9.5	20.7
Women	66	17.0	12.2	21.7
Age				
18 to 44 Years	29	21.5	13.6	29.5
45 to 64 Years	58	17.3	12.8	21.9
65 Years and Older	22	7.0	3.7	10.4
Ethnicity				
Hispanic	*	*	*	*
Non-Hispanic	106	16.1	12.4	19.8
Race				
White	100	15.3	11.7	19.0
African American	*	*	*	*
Other	*	*	*	*
Multi-Race	*	*	*	*
Education				
High School Graduate or Less	59	21.0	15.0	27.0
Some College or College Graduate	50	12.4	7.9	17.0
Annual Household Income				
Less than \$35,000 per Year	47	20.3	13.5	27.2
\$35,000 or Higher per Year	48	14.2	9.4	19.0
Disability				
Living with a Disability	35	18.0	10.5	25.6
Living without a Disability	72	15.3	11.1	19.5

Numerator: Respondents who reported they have smoked at least 100 cigarettes in their entire life and that they now smoke some days or every day.
Denominator: All respondents, excluding unknowns and refusals.
* Insufficient Sample

*Use of Local BRFSS Data to Describe
Community Profile – Jewell County Risk
Factor Profile*

JEWELL COUNTY data are not available



Jewell County is a part of the **North Central Kansas Public Health Initiative Region** (Health Preparedness Region)



North Central Kansas Public Health Initiative Data can be used for Jewell County Risk Factor Profile.

Jewell County Risk Factor Profile - Continued

Percentage of Adults Who Are Current Smokers, 2009

North Central Kansas Public Health Initiative

	Unweighted Frequency	Weighted Percentage	95% Confidence Limit	
			Lower	Upper
Kansas	3019	17.8	17.0	18.7
North Central Kansas Public Health Initiative County	109	16.0	12.4	19.7

➤ POPULATION SIZE

- Total = 3,198;
- Adults ages 18 years and older = 2,638.

➤ PREVALENCE OF CURRENT SMOKING AMONG ADULTS AGES 18 YEARS AND OLDER

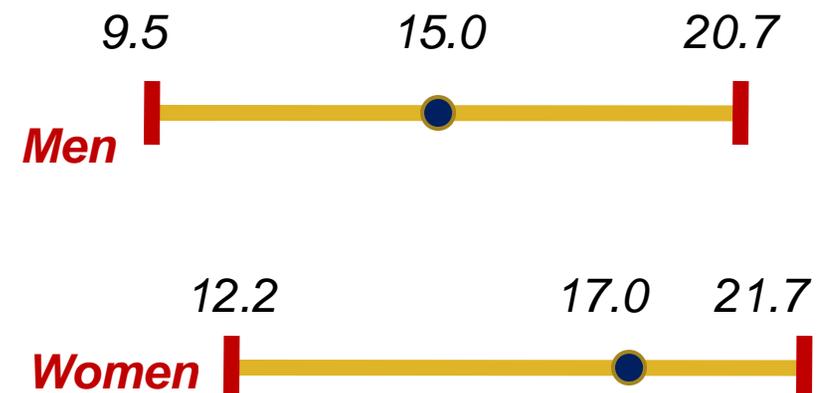
- 16% are current smokers  **about 423 adults or one out of six adults in Jewell County (based on NCKPHI Region data).**
- High prevalence of current smoking among adults ages 18 years and older.

Jewell County Risk Factor Profile - Continued

➤ PREVALENCE OF CURRENT SMOKING AMONG GENDER GROUPS

- The percentage of current smokers is not significantly different among two gender groups (based on NCKPHI Region data).

Gender Groups	Percentage of Current Smokers		
	%	95% C.I	
Men	15.0%	9.5%	20.7%
Women	17.0%	12.2%	21.7%

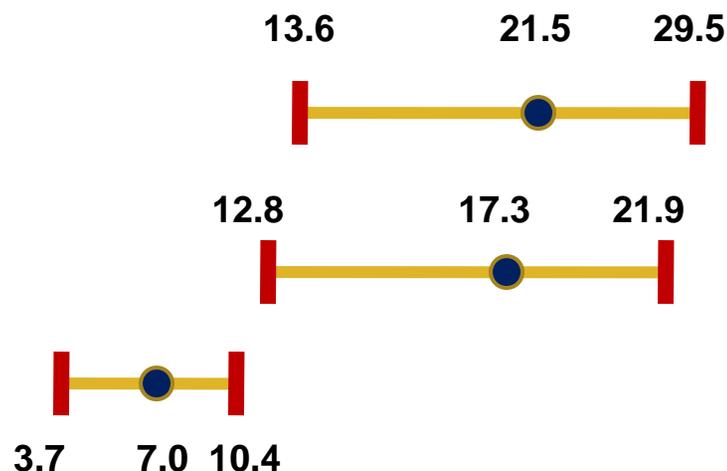


Jewell County Risk Factor Profile - Continued

➤ PREVALENCE OF CURRENT SMOKING AMONG AGE GROUPS

- The percentage of current smokers is significantly higher among working age adults (ages 18-44 & 45-64 years) as compared to older adults (65 years and older).

Age Groups	Percentage of Current Smokers		
	%	95% C.I	
18-44 years	21.5%	13.6%	29.5%
45-64 years	17.3%	12.8%	21.9%
65 years & older	7.0%	3.7%	10.4%



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Our Vision – Healthier Kansans living in safe and sustainable environments.

