



KANSAS HEALTH  
FOUNDATION



2018 DATA BOOK

**Publication Team:**

**Ashley Booker**, *associate communication officer*

**Kristi Zukovich**, *vice president for communication and policy*

**Chase Willhite**, *associate vice president for communication*

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*Graphic design by Tamra Merritt.*

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*Special thanks to Pratik Pandya, Kansas Department of Health and Environment  
advanced epidemiologist.*

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# INTRODUCTION



Access to Care



Healthy Behaviors



Educational Attainment



Civic and Community Engagement

We literally have millions of facts at our fingertips when we search the internet. And, the likelihood that we would all land on the same data point is slim. With health data, the key is finding credible, relevant, timely information that helps to convey the appropriate message. Many times it's a struggle to determine just what to use—too little information doesn't help provide a compelling case or describe the problem. But, using too much information can be overwhelming, confusing or the reader may just lose interest.

Data plays a key role in defining the problem or opportunity, and is one of the first steps to making change happen. Too often, rather than spending time defining the problem, people want to jump to the “fun part” of creating solutions and rush to implementation. This doesn't always result in success as solutions may not be tied to a problem or audience, and then change doesn't occur. Or sometimes the solutions appear to be “searching for a problem that doesn't exist.”

At KHF, we want to be as clear as possible about the health challenges and opportunities in Kansas and how we are working toward change. So, we've sifted through millions (ok, maybe thousands) of pieces of public data to identify key metrics that help provide a big picture view of the health needs in our four impact areas:

- *Access to Care*
- *Healthy Behaviors*
- *Educational Attainment*
- *Civic and Community Engagement*

This KHF Data Book is designed to present public health data—from credible, reliable public sources like America's Health Rankings, KIDS COUNT, Centers for Disease Control and Prevention, and the Kansas Department of Health and Environment—in a timely, visual manner. These are things you could find on the internet, without having to do the searching. We want to keep it simple enough to make it understandable and interesting, but not too complex to make it unusable or confusing. And, we've actually used pictures and graphics whenever possible!

*“Having all the information in the world at our fingertips doesn't make it easier to communicate: it makes it harder.”*

– Cole Nussbaumer Knaflic, *Storytelling with Data*

*“Measurement is fabulous. Unless you're busy measuring what's easy to measure as opposed to what's important.”*

– Seth Godin

*“Numbers have an important story to tell. They rely on you to give them a clear and convincing voice.”*

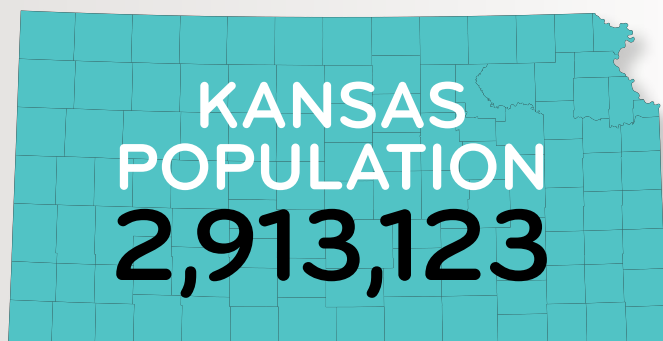
– Anonymous

We all know that data serves many purposes. The KHF Data Book is intended to provide a relevant snapshot to describe and communicate health challenges we face in Kansas. We have included "subsets" of data related to race, income, zip code and education level, because we know these factors can all influence health outcomes. The KHF Data Book is not intended to provide scientific data related to specific initiatives. For those purposes, information from the data sources we are using (Behavioral Risk Factor Surveillance System, Youth Risk Behavior Survey, American Community Survey, etc.) is often compiled over a period of time and evaluated differently. We are simply providing a "capture" of these data points from their most recent annual numbers; the numbers you would find in publicly available data for our Kansas communities or at-risk populations.

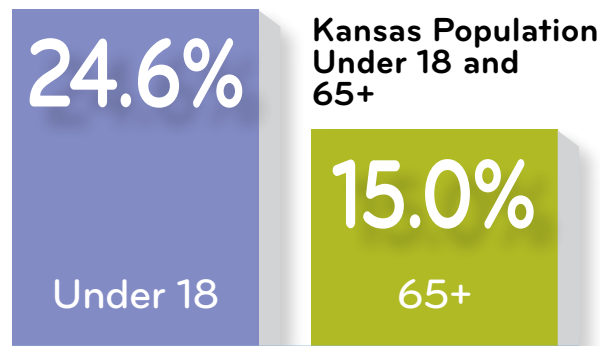
We hope this KHF Data Book will help bring greater awareness to you and others. We hope we've piqued your interest, given you new insight about our state or even shocked you a little about some of the facts. If this data can help us to tell a compelling story for change, we have taken the first steps to improve the health of all Kansans.

*"If an insight isn't understood and isn't compelling, no one will act on it and no change will occur."*

— Anonymous



Source: United States Census Bureau, 2017 population estimates



Source: U.S. Census Bureau, 2016

#### Kansas Population by Race/Ethnicity



Source: U.S. Census Bureau, 2016

#### Kansas Median Household Income



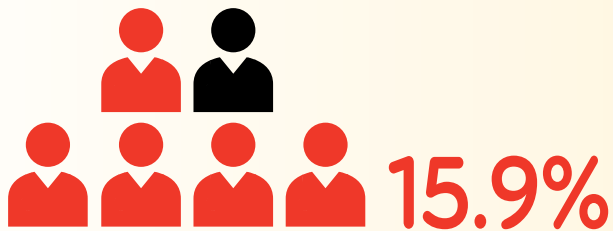
Source: U.S. Census Bureau, 2016



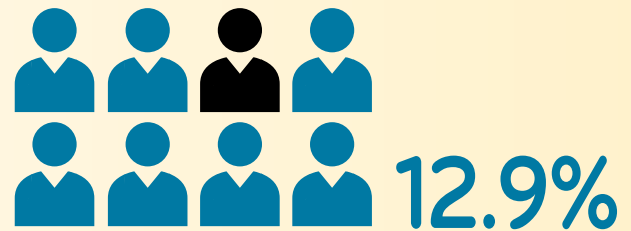
ACCESS TO HEALTH CARE

# ACCESS TO MEDICAL CARE

## UNINSURED KANSANS:



Approximately 1 in 6  
Kansas adults age 18 to 64  
lack health care coverage.



Approximately 1 in 8  
Kansas adults age 18 and older  
lack health care coverage.

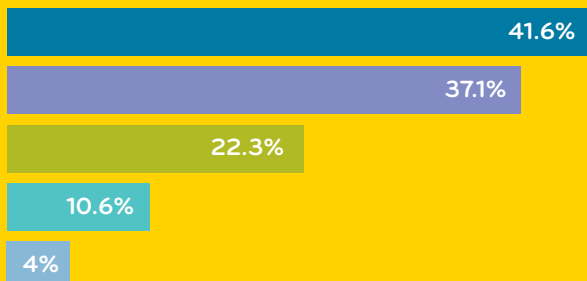
Source: 2016 Kansas Behavioral Risk Factor Surveillance System (KS BRFSS)

## UNINSURED KANSANS: INCOME

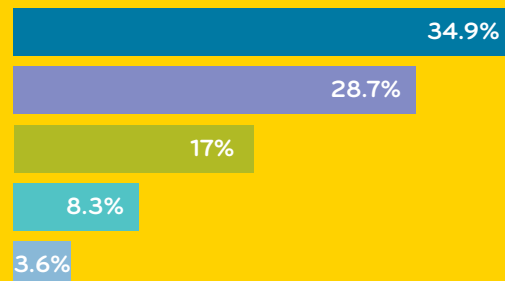
More than  
**150,000** low-income Kansans fall  
into a health coverage gap.

Source: Alliance for a Healthy Kansas, 2017

% of adults age 18-64 who lack health  
care coverage:



% of adults age 18 and older who lack health  
care coverage:

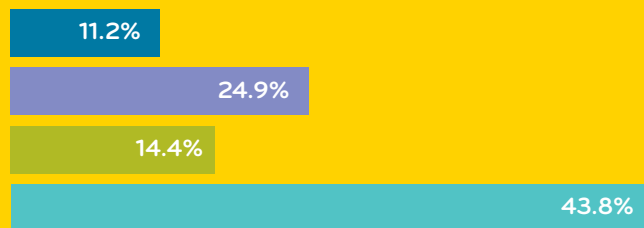


- Less than \$15,000
- \$15,000 to \$24,999
- \$25,000 to \$34,999
- \$35,000 to \$49,999
- \$50,000+

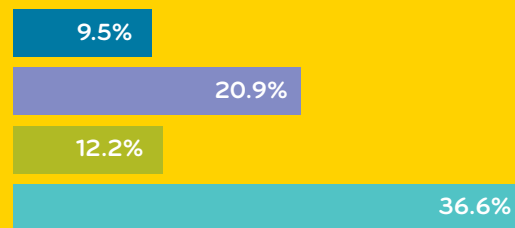
Source: 2016 KS BRFSS

## UNINSURED KANSANS: RACE/ETHNICITY

% of adults age 18-64 who lack health care coverage:



% of adults age 18 and older who lack health care coverage:

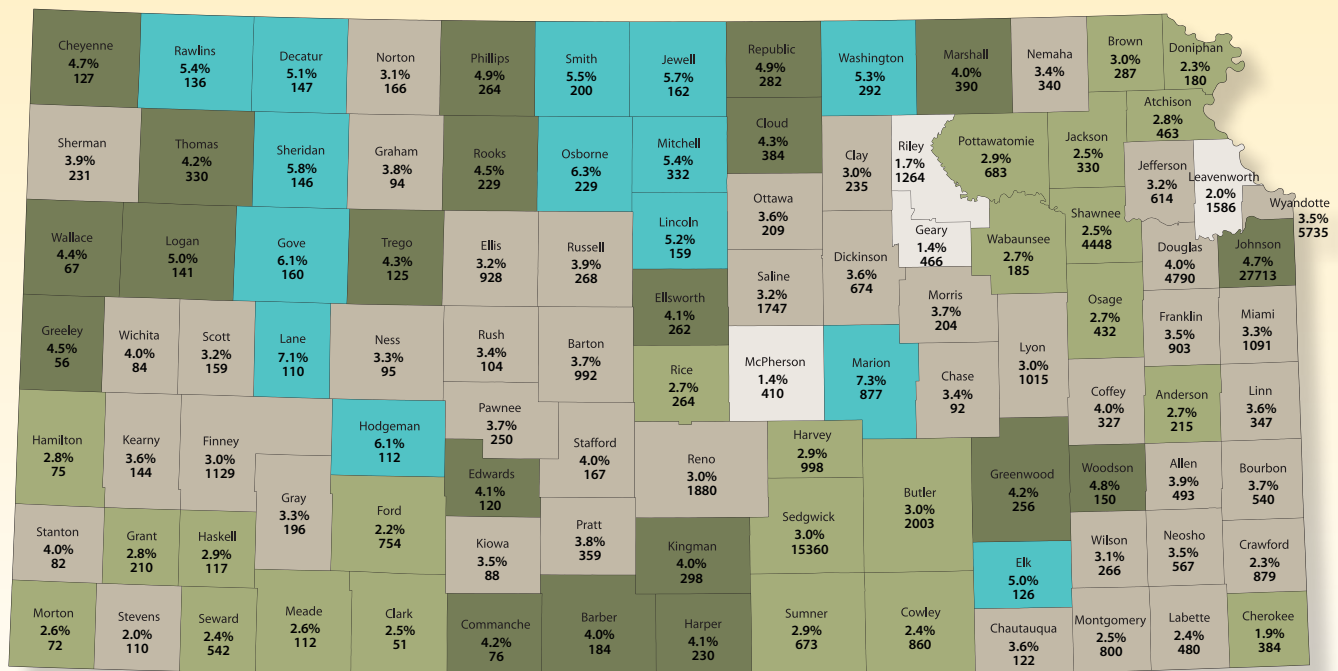


- White, non-Hispanic
- African-American, non-Hispanic
- Other/Multi-race, non-Hispanic
- Hispanic

Source: 2016 KS BRFSS

Prevalence estimates for race and ethnicity were age-adjusted to the U.S. 2000 standard population.

## 2018 Marketplace Enrollment by County



County Name      Percent of Population Enrolled      0.0-2.0%      2.1-3.0%      3.1%-4.0%      4.1%-5.0%      5.1% and above

% of Population Enrolled  
Number Enrolled

Source: Kansas Health Institute (KHI), 2018

## DID YOU KNOW?

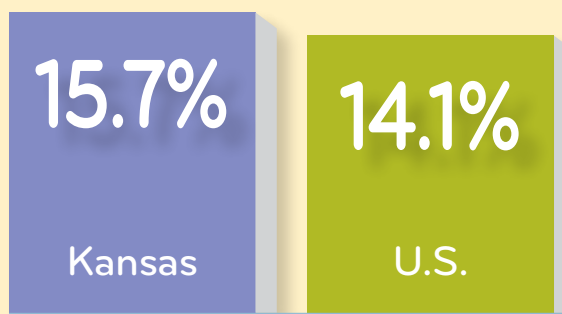
### Adults

In 2016, young Kansas adults age 19-25 were **more likely** to be without insurance than other people their age around the country.

Prior to 2014, young adults in Kansas were **less likely** to be uninsured compared to their peers nationally.

*Source: KHI, Sept. 2017*

#### Uninsured rates of young adults age 19-25



**More than  
3 out of 4**

(75.3%) uninsured adult Kansans age 19-64 are working.

*Source: KHI, 2018 Annual Insurance Update (2016 data)*

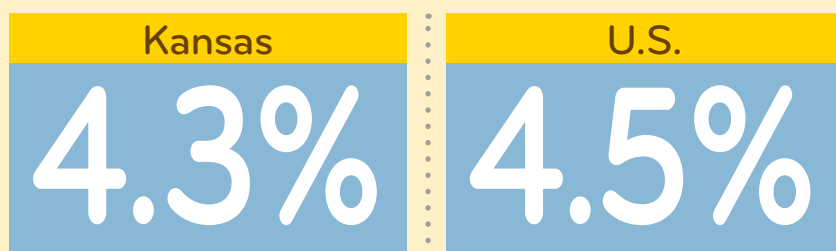
**32.7%**

of Kansas adults have not seen a doctor for a routine checkup in the past year.

*Source: 2016 KS BRFSS*

### Children

In 2016, 4.3% of Kansas children age 0-17 were uninsured, compared to 4.5% in the U.S.



From 2011 to 2014, children in Kansas were **less likely** to be uninsured than those in the country as a whole, but children in other states have made larger gains in insurance coverage since that time.

*Source: KHI, Sept. 2017*



## ACCESS TO DENTAL CARE

### UNINSURED KANSANS:

**32.7%** or nearly 1 in 3 adults, do not have dental insurance.

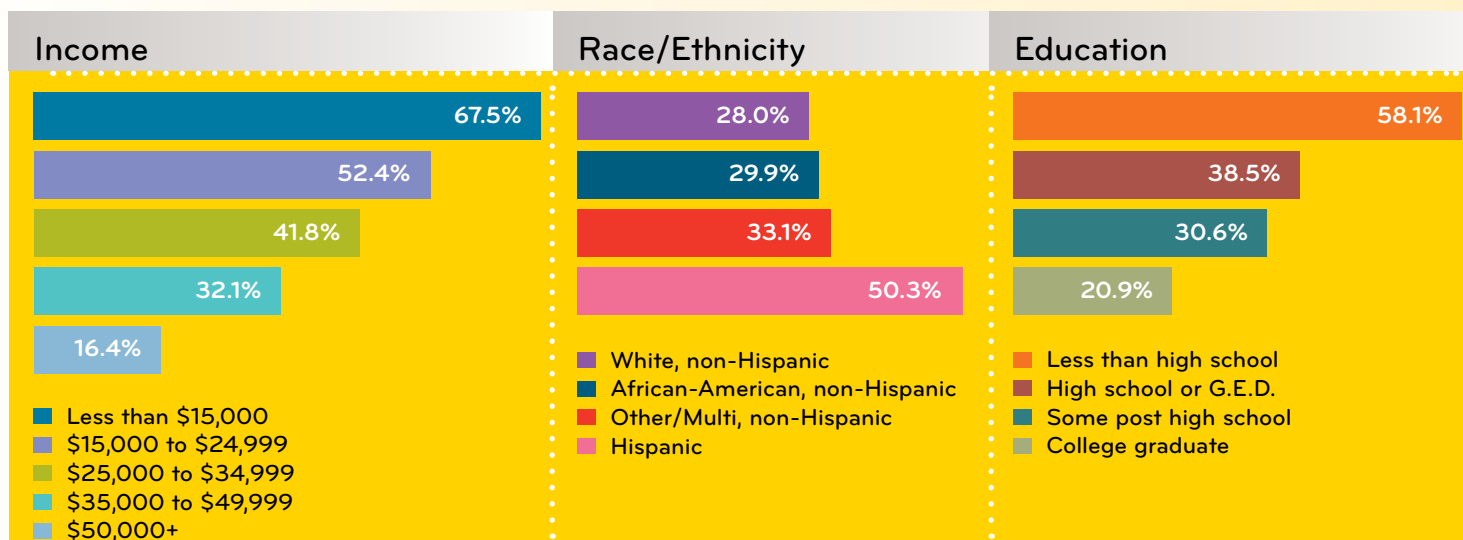
Source: 2015 KS BRFSS

**63%** of Kansans who haven't visited a dentist in the last year say cost is the main reason they don't visit the doctor more frequently. Inconvenient location or time was the second biggest reason (26%).

Source: American Dental Association Health Policy Institute, 2015

**71%** of low-income individuals indicated cost was their biggest barrier to care.

### % of Kansas Adults Without Dental Insurance



Source: 2015 KS BRFSS

Prevalence estimates for race and ethnicity were age-adjusted to the U.S. 2000 standard population.

## DID YOU KNOW?

### Children

**76.3%** or **525,360** children

of children had a preventative dental visit in the past year.

Source: Child and Adolescent Health Measurement Initiative (CAHMI), Data Resource Center for Child and Adolescent Health, 2016 National Survey of Children's Health (NSCH)

### National average

Kansas dentists

**26%**

**42%**

26% of Kansas dentists participated in Medicaid for child Dental Services in 2014.

Source: American Dental Association Health Policy Institute, 2015 (2014 data)

**48.4%**

of third grade students have caries experience (treated or untreated tooth decay).

Source: Centers for Disease Control and Prevention, National Oral Health Surveillance System, 2011-2012

**35.7%** of third grade students

have dental sealants on at least one permanent molar tooth.

**16.5%** of screened K-12th grade students have obvious dental decay.

Source: Kansas Health Matters, 2016-2017

### Other Facts

In 2015, there were

**18,900**

reported visits to Kansas emergency departments for dental pain.

Source: Kansas Hospital Association

There are

**1,960** : 453 don't practice in Kansas

dentists with active licenses in Kansas.

Source: Kansas Dental Board, 2017

## DID YOU KNOW?

Kansas

U.S.

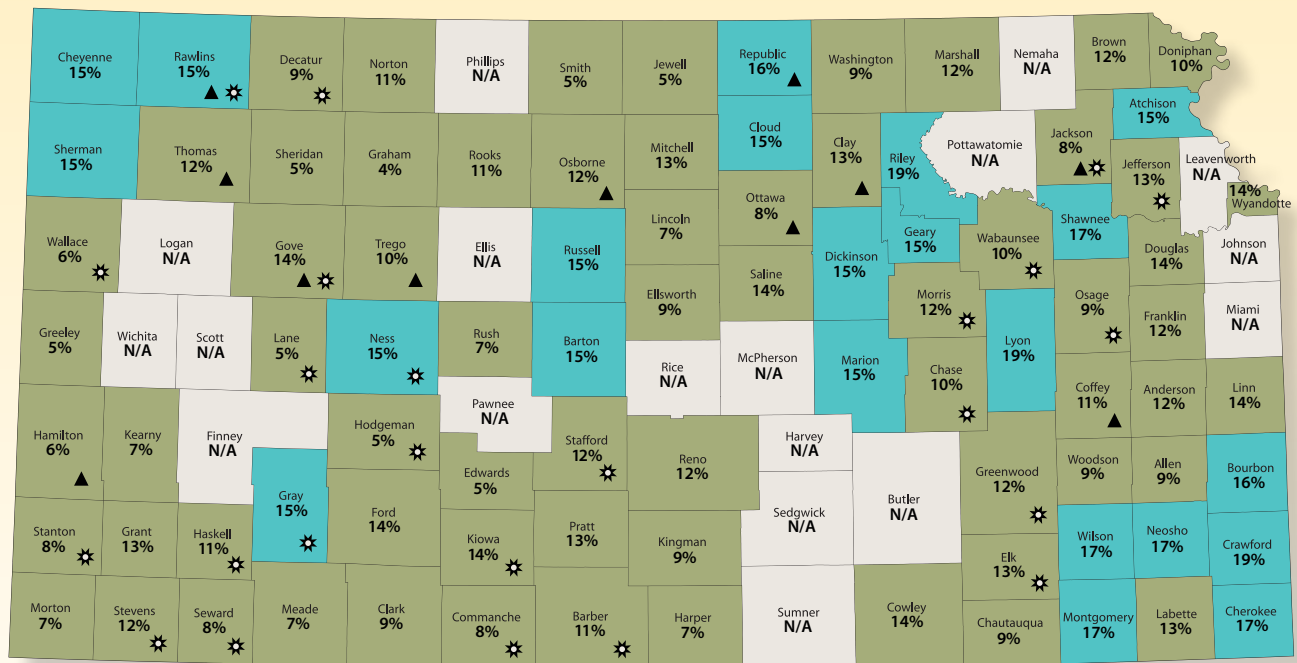
1,760: 


1,480: 


There are 1,760 people per dentist in Kansas. The U.S. ratio is 1,480:1.

Source: 2018 County Health Rankings & Roadmaps (2016 data)

### Dental Health Professional Shortage Areas



 Counties with Dental HPSA Score of 15 or higher

 Counties with Dental HPSA Score of 14 or lower

 Counties not eligible for Dental HPSA Designation

 Counties with Geographic Dental HPSA Designation

 Counties proposed for withdrawal

Source: KDHE, March 2018

HPSAs are scored on a scale of 0-26 for dental health, with higher scores indicating greater need.

## ACCESS TO BEHAVIORAL HEALTH CARE

On average,  
**18.2%** of Kansas adults (or 387,000 people) experience mental health problems every year.

*Source: Substance Abuse and Mental Health Services Administration (SAMHSA), Center for Behavioral Health Statistics and Quality, 2015-2016 National Survey on Drug Use and Health*

Roughly  
**46 of every 1,000**

people living in Kansas receive mental health services in a community setting, and just less than one of every 1,000 people receive treatment in state hospitals.

*Source: KHI, Oct. 2017*

**53.7%** or 193,000 adults

of adults with Any Mental Illness did not receive treatment.

*Source: 2018 Mental Health America Report (2013-2015 data)*

## MENTAL HEALTH & THE UNINSURED

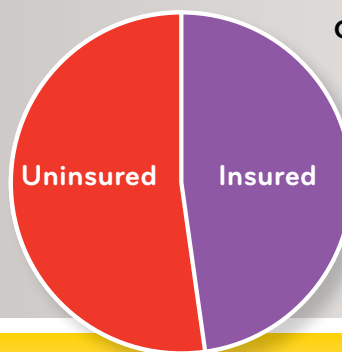
**66,000**  
or 18.5% of adults with mental illness are uninsured.

*Source: 2018 Mental Health America Report (2013-2015 data)*

**More than 50%**

of consumers treated by community mental health centers in Kansas are uninsured (53%).

*Source: Kansas Mental Health Coalition, 2018*



## INCOME:

Nearly **70%** of individuals served by community mental health centers have incomes of less than \$20,000.

*Source: Kansas Mental Health Coalition, 2018*

## DID YOU KNOW?

### Children

**16%** of Kansas children age 2-17

have been diagnosed with autism, developmental delays, depression or anxiety, ADD/ADHD, or behavioral/conduct problems.

Source: Kansas State Department of Education (KSDE) Kansas Technical Assistance System Network (TASN), "Kansas Well-Being data: Implications for School Mental Health," July 2017 (2011-2012 data)

A little more than **5 out of every 1,000 students** have been identified as having an Emotional Disturbance for an Individualized Education Program.

Source: 2018 Mental Health America Report (2015 data)

**37,451**

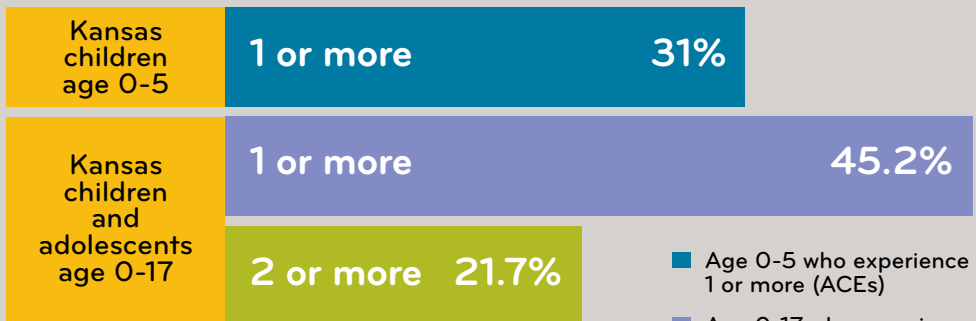
children and adolescents (under 18) were served in Kansas' public mental health system in 2015.

Source: SAMHSA, Behavioral Health Barometer Kansas, Volume 4

A little more than **5 out of every 1,000 children and adolescents (under 18)** have received a mental health diagnosis.

Source: KIDS COUNT Data Center, 2016

% of children and adolescents who experience Adverse Childhood Experiences (ACEs)



ACEs include a range of experiences, like stressful family situations, abuse or neglect that can impact children's brain development and physical, social, mental, emotional and behavioral health and wellbeing.

Source: Johns Hopkins Bloomberg School of Public Health issue brief, Oct. 2017

- Age 0-5 who experience 1 or more (ACEs)
- Age 0-17 who experience 1 or more (ACEs)
- Age 0-17 who experience 2 or more (ACEs)

- ACEs and school performance: Students with ACEs are 2.5 times more likely to fail a grade, are suspended or expelled more often, have lower test scores, experience language difficulties and are more frequently designated to special education.

Source: KSDE TASN, School Mental Health Initiative

## DID YOU KNOW?

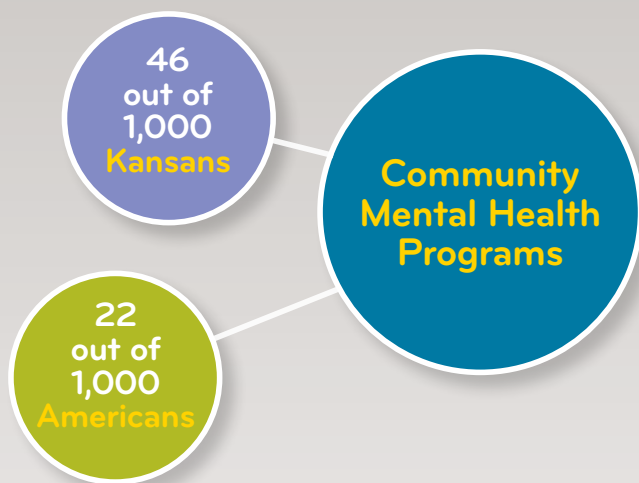
### Number of Consumers Served by the Mental Health System:

In 2016

# 133,247

Kansans received mental health services **in communities.**

#### Community Mental Health Programs



Nearly 46 out of every 1,000 Kansans were served by Community Mental Health Programs.

Comparatively:

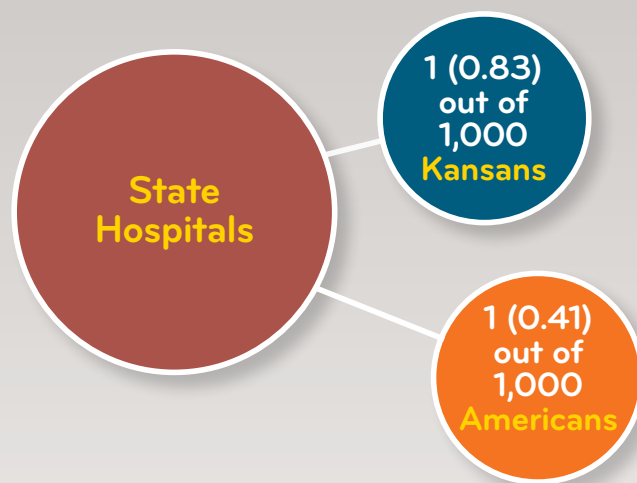
22 out of every 1,000 Americans were served by Community Mental Health Programs.

In 2016

# 2,406

Kansans received mental health services **through state institutions.**

#### State Hospitals



Nearly 1 (0.83) out of every 1,000 Kansans received mental health services through state hospitals.

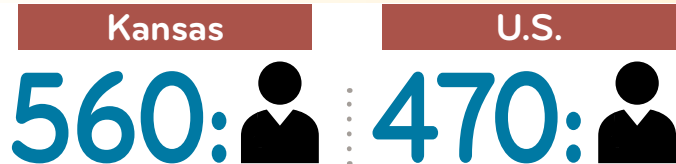
Comparatively:

Nearly 1 (0.41) out of every 1,000 Americans received mental health services through state hospitals.

Source: SAMHSA, Kansas 2016 Mental Health National Outcome Measures

## DID YOU KNOW?

### Mental Health Providers:



There are 560 people per mental health provider in Kansas. The U.S. ratio is 470:1.

Source: 2018 County Health Rankings & Roadmaps (2017 data)

A psychiatrist in Frontier Kansas covers approximately 5,000 lives in their 683 square-mile coverage area, whereas a psychiatrist in an urban area covers approximately 900 lives within 1 square mile.

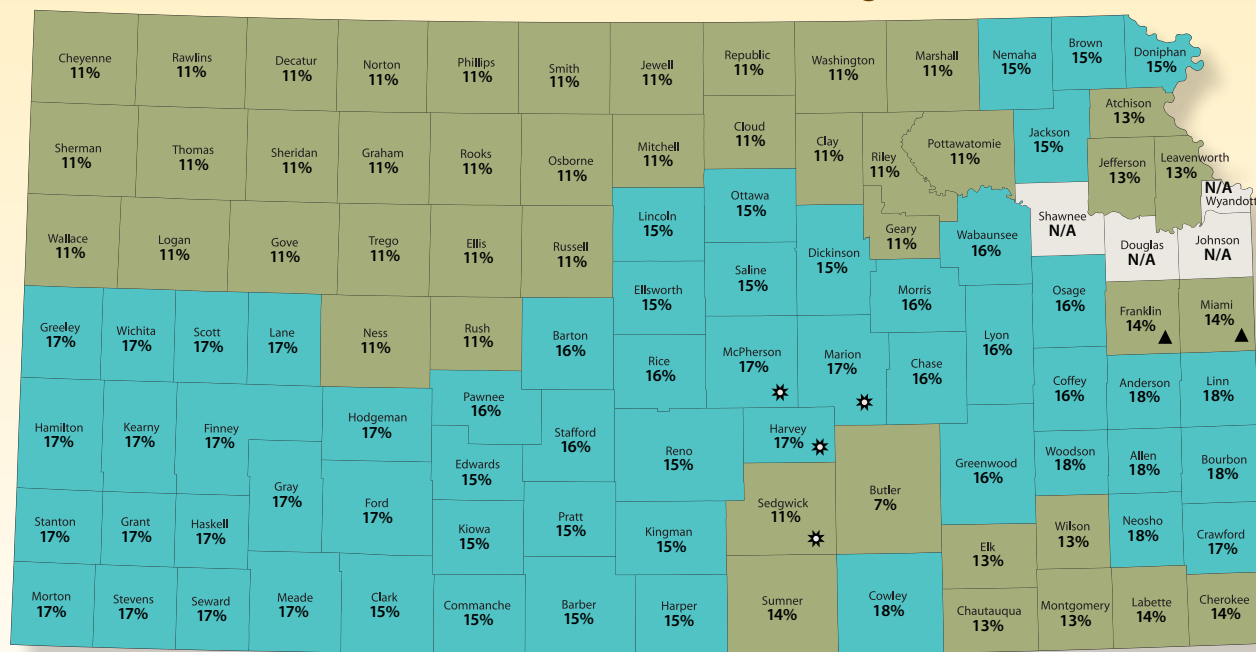
Source: Compass Behavioral Health, 2017

Kansas has an estimated  
**230** licensed and board-certified psychiatrists.


**70%** of these psychiatrists are in Johnson, Douglas, Wyandotte, Shawnee and Riley counties.  
**30%** are over age 65.


Source: Association of Community Mental Health Centers (CMHCs) of Kansas, 2017

### Mental Health Professional Shortage Areas



 Counties with Mental Health HPSA Score of 15 or higher

 Counties with Mental Health HPSA Score of 14 or lower

 Counties not eligible for Mental Health HPSA Designation

 Counties with Geographic Dental HPSA Designation

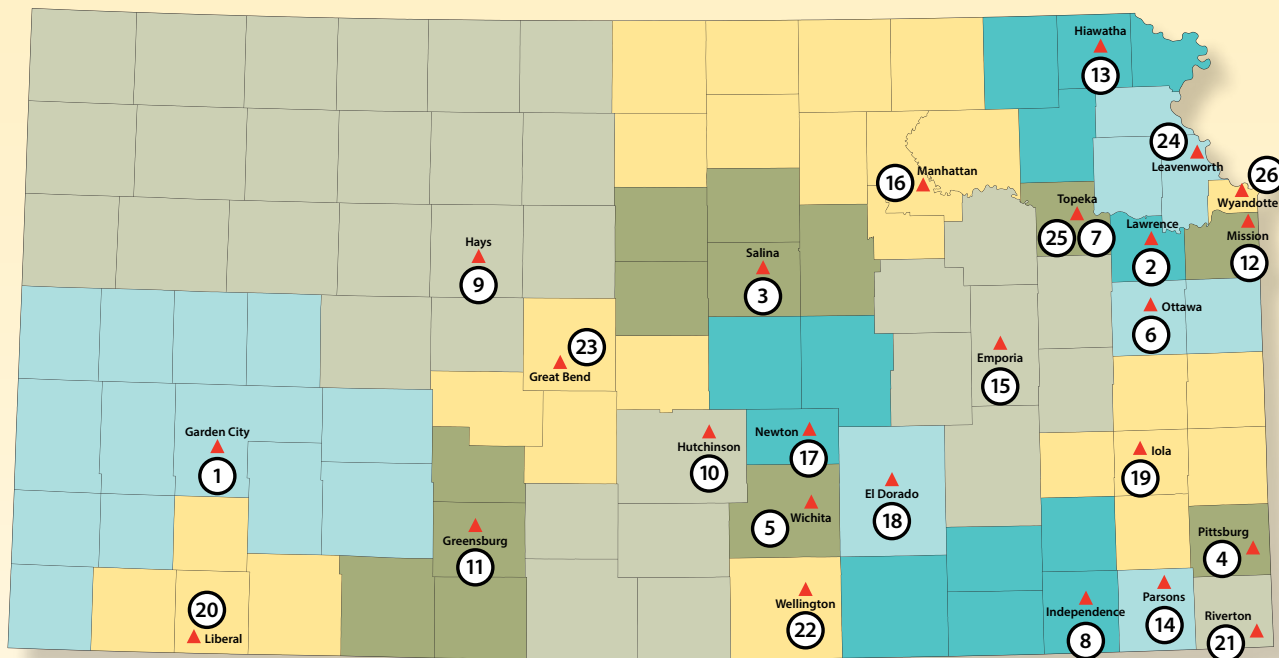
 Counties proposed for withdrawal

Source: KDHE, March 2018

HPSAs are scored on a scale of 0-25 for mental health, with higher scores indicating greater need.

## DID YOU KNOW?

### Community Mental Health Centers of Kansas



#### Locations of Community Mental Health Centers

▲ Main Centers

- |  |   |   |
|--|---|---|
| ① Compass Behavioral Health<br><a href="http://www.compassbh.org">www.compassbh.org</a>                                  | ⑩ Horizons Mental Health Center<br><a href="http://www.hmhc.com">www.hmhc.com</a>   | ⑲ Southeast Kansas Mental Health Center<br><a href="http://www.sekmhcenter.org">www.sekmhcenter.org</a>   |
| ② Bert Nash Community Mental Health Center<br><a href="http://www.bertnash.org">www.bertnash.org</a>                     | ⑪ Iroquois Center for Human Development Inc.<br><a href="http://www.irqcenter.com">www.irqcenter.com</a>                                      | ⑳ Southwest Guidance Center<br><a href="http://www.sewardcountyks.org/154/Southwest-Guidance-Center">www.sewardcountyks.org/154/Southwest-Guidance-Center</a> |
| ③ Central Kansas Mental Health Center<br><a href="http://www.ckmhc.org">www.ckmhc.org</a>                                | ⑫ Johnson County Mental Health Center<br><a href="http://www.jocogov.org/dept/mental-health/home">www.jocogov.org/dept/mental-health/home</a> | ㉑ Spring River Mental Health & Wellness<br><a href="http://www.springrivermh.org/">www.springrivermh.org/</a>   |
| ④ Crawford County Mental Health Center<br><a href="http://www.crawfordmentalhealth.org">www.crawfordmentalhealth.org</a> | ⑬ KANZA Mental Health & Guidance Center<br><a href="http://www.kanzamhgc.org">www.kanzamhgc.org</a>   | ㉒ Sumner Mental Health Center<br><a href="http://www.sumnermentalhealth.org">www.sumnermentalhealth.org</a>   |
| ⑤ COMCARE of Sedgwick County<br><a href="http://www.sedgwickcounty.org/comcare">www.sedgwickcounty.org/comcare</a>       | ⑭ Labette Center for Mental Health Services<br><a href="http://www.lcmhs.com">www.lcmhs.com</a>   | ㉓ The Center for Counseling and Consultation<br><a href="http://www.thecentergb.org">www.thecentergb.org</a>  |
| ⑥ Elizabeth Layton Center, Inc.<br><a href="http://www.laytoncenter.org">www.laytoncenter.org</a>                        | ⑮ Crosswinds Counseling & Wellness<br><a href="http://www.crosswindks.org">www.crosswindks.org</a>  | ㉔ The Guidance Center Inc.<br><a href="http://www.theguidance-ctr.org">www.theguidance-ctr.org</a>  |
| ⑦ Family Service & Guidance Center<br><a href="http://www.fsgctopeka.com">www.fsgctopeka.com</a>                         | ⑯ Pawnee Mental Health Services<br><a href="http://www.pawnee.org">www.pawnee.org</a>   | ㉕ Valeo Behavioral Health Care<br><a href="http://www.valeotopeka.org/">www.valeotopeka.org/</a>  |
| ⑧ Four County Mental Health Center<br><a href="http://www.fourcounty.com">www.fourcounty.com</a>                         | ⑰ Prairie View Inc.<br><a href="http://www.prairieview.org">www.prairieview.org</a>   | ㉖ Wyandot Center for Community Behavioral Health<br><a href="http://www.wyandotcenter.org">www.wyandotcenter.org</a>  |
| ⑨ High Plains Mental Health Center<br><a href="http://www.highplainsmentalhealth.com">www.highplainsmentalhealth.com</a> | ⑱ South Central Mental Health Counseling Center<br><a href="http://www.scmhcc.org">www.scmhcc.org</a>   |   |

Source: Association of CMHCs of Kansas, Inc.

## DID YOU KNOW?

### Policy:

In Kansas, untreated mental illness is associated with an estimated

128

suicides

21,000

incarcerations

29,000

unemployed adults

costing the private sector,  
including employers, nearly

\$429 million  
per year.

Source: Kansas Mental Health Coalition, 2018



HEALTHY BEHAVIORS

# TOBACCO USE PREVENTION

## ADULTS

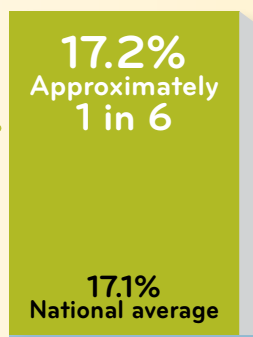
These individuals reported smoking at least 100 cigarettes in their lifetime and currently smoke every day or some days. Kansas ranks 26th against other states in this measure.

Source: America's Health Rankings, 2017 Annual Report

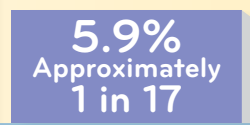
Adults who currently use smokeless tobacco products, which include things like chewing tobacco, snuff or snus (Swedish for snuff), some days or every day.

Source: 2016 KS BRFSS

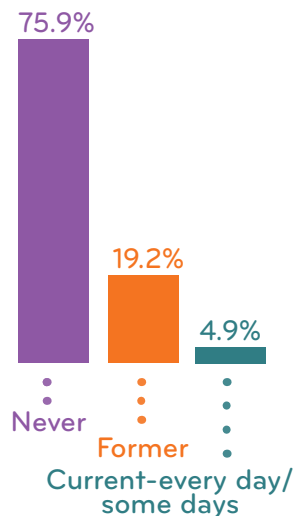
Kansas adults who smoke cigarettes



Kansas adults who currently use smokeless tobacco products



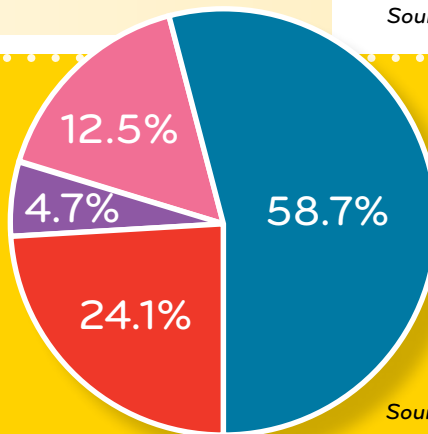
E-cigarette use of adult Kansans:



Source: 2016 KS BRFSS

## Smoking status of adult Kansans

- Never smoked
- Former smokers
- Smoke some days
- Smoke every day

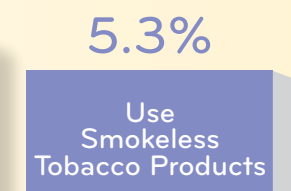


Source: 2016 KS BRFSS

## YOUTH

High school students who currently smoke cigarettes.

Source: 2017 Kansas Youth Risk Behavior Survey (KS YRBS)



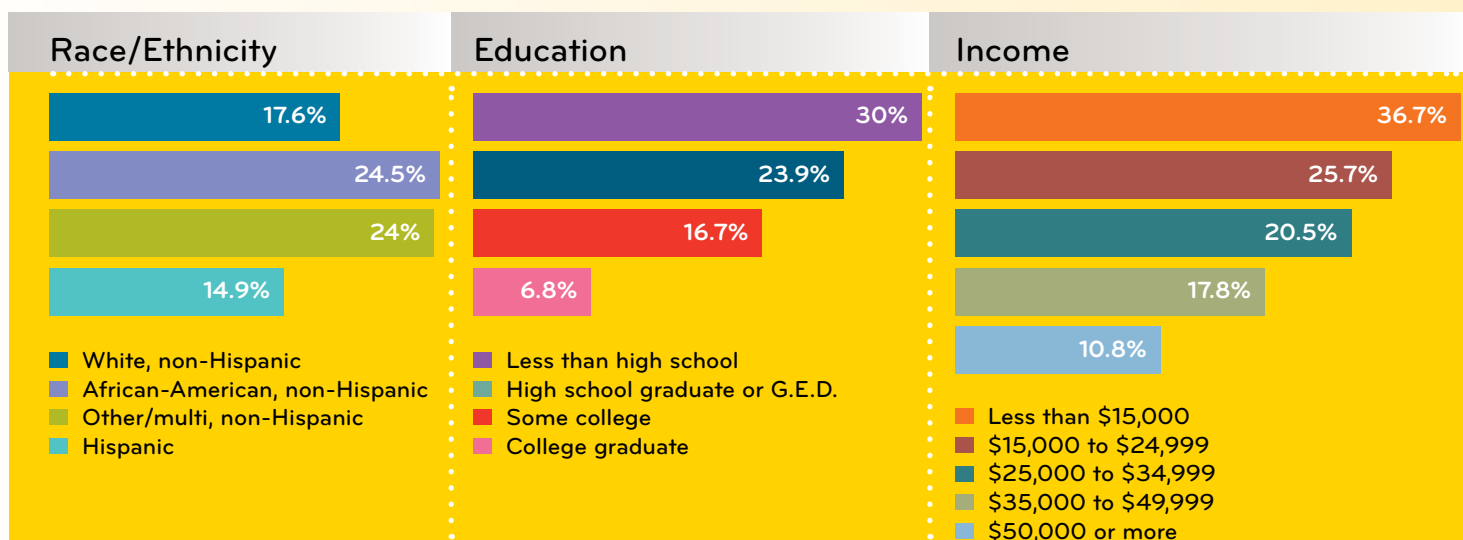
High school students who use smokeless tobacco products.

Source: 2017 KS YRBS

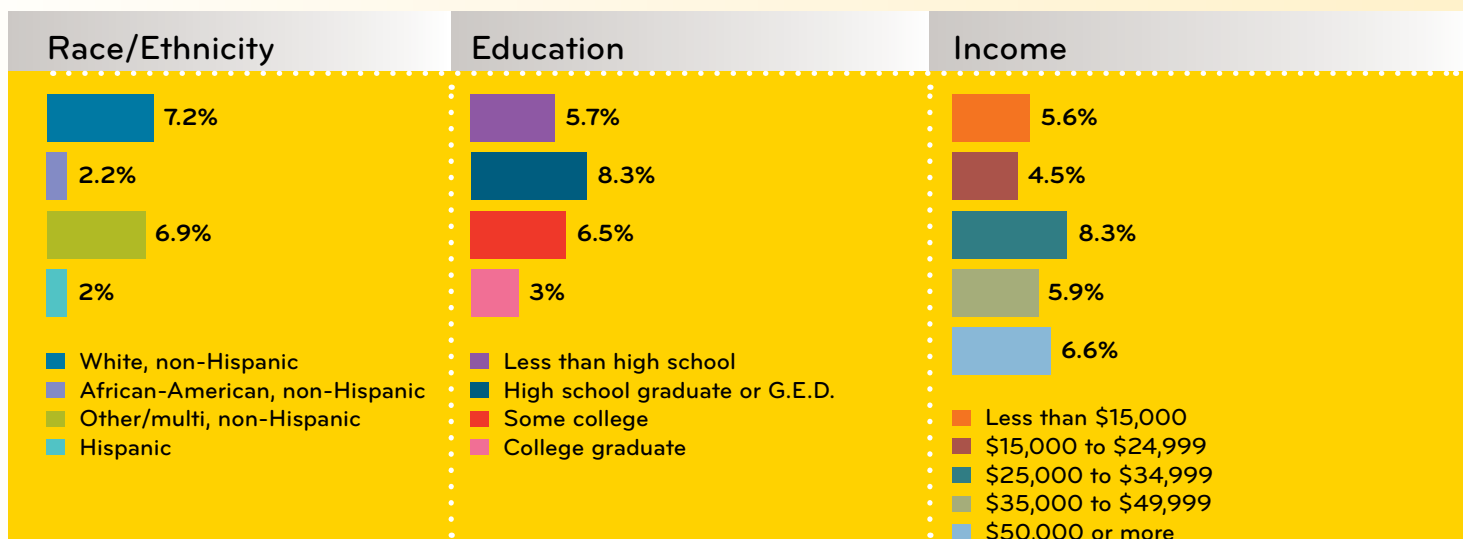
6th, 8th, 10th, and 12th graders who have used cigarettes or smokeless tobacco in the past 30 days.

Source: KIDS COUNT Data Center, 2017

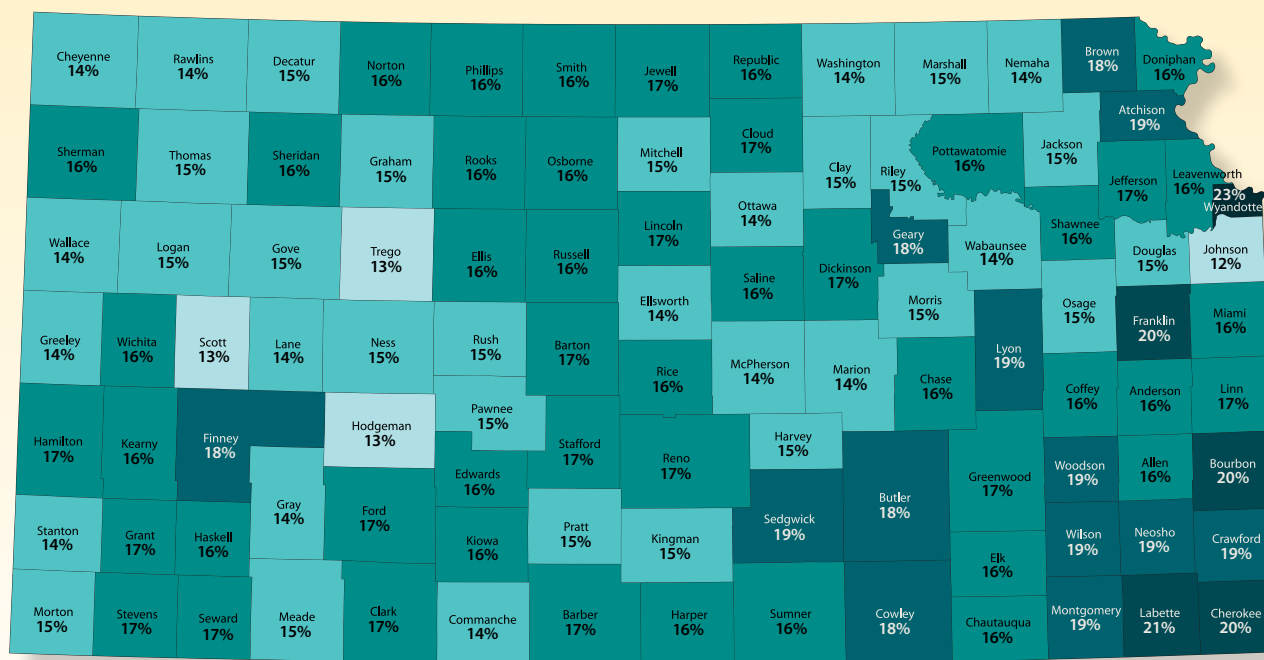
## % of Kansas Adults Who Currently Smoke Cigarettes Some Days or Every Day



## % of Kansas Adults Who Currently Use Smokeless Tobacco Products Some Days or Every Day



## % of Current Adult Smokers by County



Missing 12%-13% 14%-15% 16%-17% 18%-19% 20%-21% 22%-23%

Source: 2018 County Health Rankings & Roadmaps (2016 data)

## DID YOU KNOW?

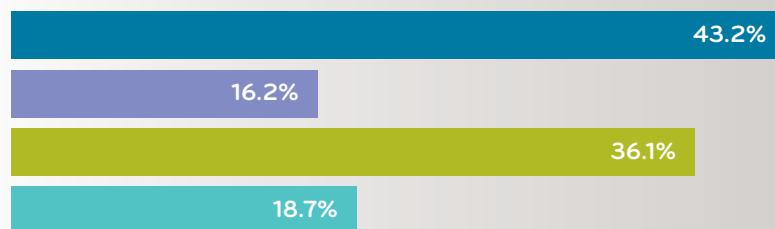
Effects of smoking cigarettes:

# 4,400

adults die each year from smoking-related illness.

Source: Campaign for Tobacco-Free Kids, 2017 (2014 data)

Kansas tobacco use and mental distress:



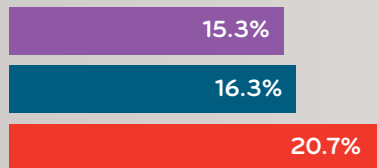
- Current smoking adults with Serious Psychological Distress (SPD)
- Current smoking adults with no Serious Psychological Distress (SPD)
- Current smoking adults with Frequent Mental Distress (FMD)
- Current smoking adults with no Frequent Mental Distress (FMD)

Source: Kansas Tobacco Control Strategic Plan 2016-2020 (2013 data)

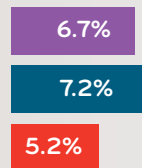
## DID YOU KNOW?

### Tobacco Use & Obesity:

Current adult cigarette smokers:



Current adult smokeless tobacco product users:



- Report being obese (BMI of 30 or above)
- Report being overweight (BMI 25 up to 30)
- Report being normal weight (BMI less than 25)

Source: 2016 KS BRFSS

### Youth & Tobacco Use:

# 1,500

kids under 18 become new daily smokers each year.

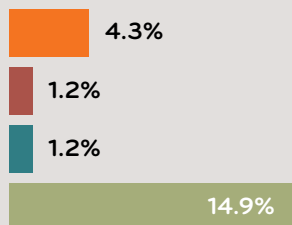
Source: Campaign for Tobacco-Free Kids, 2017 (2016 data)"

# 14.6%

of children live in households where someone uses tobacco.

Source: CAHMI, Data Resource Center for Child and Adolescent Health, 2016 NSCH

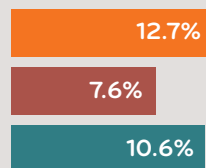
Middle school students:



- Currently use a tobacco product, including e-cigarettes
- Currently use smokeless tobacco products
- Currently use cigarettes
- Have used a tobacco product, including e-cigarettes

Source: 2013/2014 Kansas Youth Tobacco Survey (KS YTS)

High school students:



- Currently smoke cigarettes, cigars or smokeless tobacco at least one day in the past 30 days
- Currently smoke cigars, cigarillos, or little cigars on at least one day in the past 30 days
- Currently smoke cigarettes or cigars

Source: 2017 KS YRBS

## DID YOU KNOW?

### Cost of Smoking in Kansas

**\$1.12 billion:**

Annual health care costs directly caused by smoking.

**\$237.4 million:**

Medicaid (KanCare) costs caused by smoking.

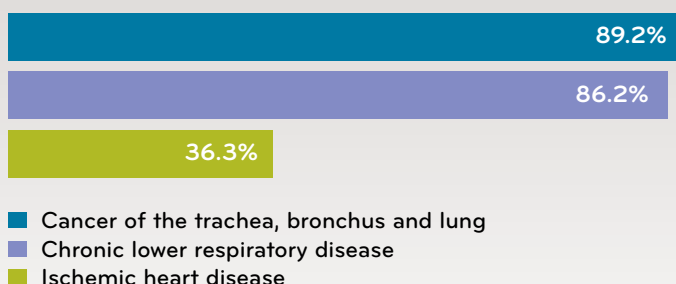
Source: Campaign for Tobacco-Free Kids, 2017

### Death by Tobacco in Kansas

**4,134** 25.4% of all deaths

deaths were related to tobacco use in 2016.

Causes of death showing largest tobacco contribution:



Because information may not be available at the time the death certificate is completed, tobacco's contribution may be subject to some underreporting.

Source: KDHE, 2016 Annual Summary of Vital Statistics

### Tobacco Taxes in Kansas

**\$1.29** : \$1.72 is national average  
: KS ranks 32nd nationally

State tax per 20-pack, effective July 2015.

Source: Campaign for Tobacco-Free Kids, 2018

All other tobacco products are taxed 10% of the wholesale price.

A \$0.05 tax per milliliter of consumable material in electronic cigarettes began on July 1, 2017.

Source: Kansas Department of Revenue, 2017 Annual Report, and Campaign for Tobacco-Free Kids, 2018

The average cost per pack of 20 cigarettes in Kansas is \$5.89, which includes the \$1.01 federal tax rate.

	July 1, 2002- Dec. 31, 2002	Jan 1, 2003- June 30, 2015	July 1, 2015- present
Package of 20	\$0.70	\$0.79	\$1.29
Package of 25	\$0.875	\$0.99	\$1.61

Source: Kansas Department of Revenue, 2017 Annual Report, and KDOR staff.

### Other Facts

**10.2%** of mothers (3,878) report smoking during pregnancy.

Total	3 months prior to pregnancy	First trimester of pregnancy	Second trimester of pregnancy	Third trimester of pregnancy
Kansas	4,564	3,826	3,379	3,217

Source: KDHE, 2016 Kansas Annual Summary of Vital Statistics

## HEALTHY EATING

**1 in 8**  
Kansans

struggle to have enough food. Of the 375,360 Kansans who are food insecure, 131,130 are children.

Source: Feeding America, 2018 Map the Meal Gap (2016 data)

or  
375,360  
people =  
**12.9%**  
food  
insecurity  
rate

More than

**752,800**  
Kansans

do not have access to healthy food sources, such as grocery stores, within a reasonable distance from their home.

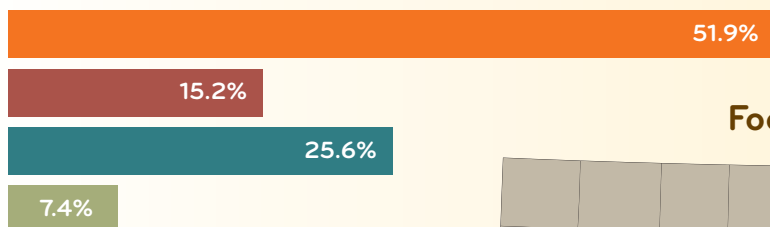
This information is about the population that has low access to a grocery store at 1 mile for urban areas and 10 miles for rural areas.

Source: United States Department of Agriculture (USDA), 2015 Food Access Research Atlas

752,882  
people =  
**26%**  
of total  
population

## FOOD INSECURITY

**Race/Ethnicity:** Individual clients served directly by Feeding America's Kansas network of food banks and their partner agencies:

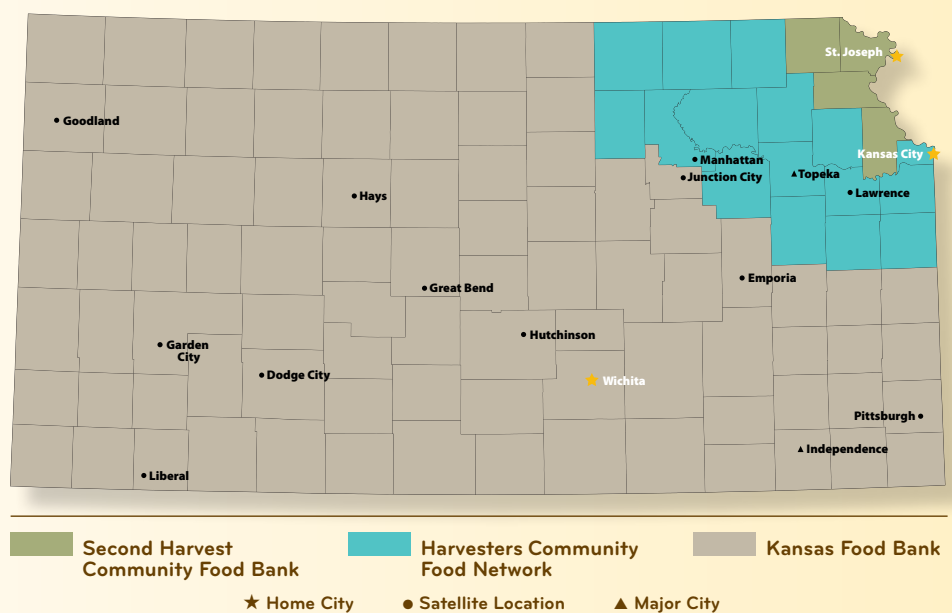


White: 190,600  
African-American: 55,700  
Hispanic: 94,100  
Some other race: 27,100

African-Americans, Native-Americans, and Latinos in Kansas are 3 times more likely to face hunger and poverty than the general population.

Source: Bread for the World, 2016

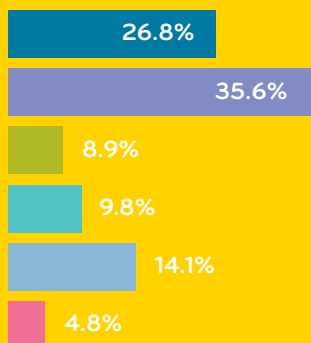
### Food Bank Service Areas



Source: Feeding America, Hunger in America 2014 State Report for Kansas

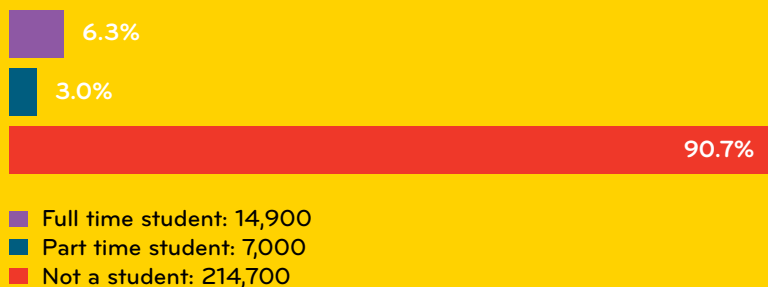
**Education:** Education level of individual adult clients, and student status of adult clients, served directly by Feeding America's Kansas network of food banks and their partner agencies:

**Education level:**



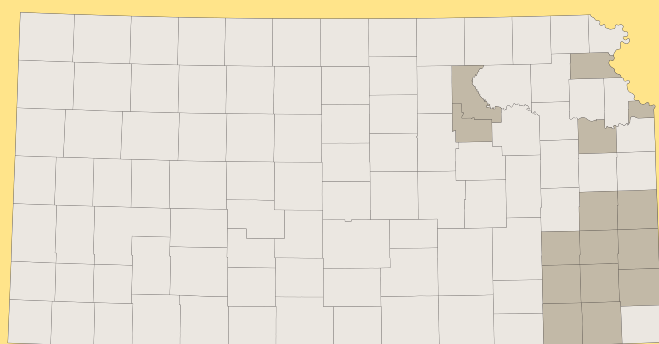
- Less than high school (HS): 63,800
- HS diploma: 84,700
- General equivalency diploma or GED: 21,300
- License, certificate, or degree beyond HS: 23,300
- Some college or two-year degree: 33,400
- 4-year college degree or higher: 11,300

**Student status:**



Source: Feeding America, Hunger in America 2014 State Report for Kansas

**Food Insecurity Rates by County**

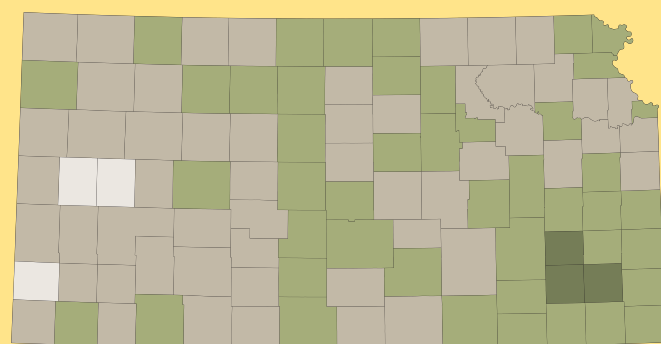


Food Insecurity Rates 4-14% 15-19% 20-24% 25-29% 30% +

**12.9%** : Rate of overall food insecure Kansans

Source: Feeding America, 2018 Map the Meal Gap (2016 data)

**Child Food Insecurity Rates by County**



Food Insecurity Rates 4-14% 15-19% 20-24% 25-29% 30% +

**18.3%** : Rate of food insecure Kansas children

Source: Feeding America, 2018 Map the Meal Gap (2016 data)

## CHILDREN & HEALTHY FOOD

**47.9%**

of public K-12 students are approved for free- or reduced-price lunches.

Source: KSDE, Data Central, 2017-2018

Kansas has the 26th highest rate of food hardships for households with children at **18.6%**

Source: Food Research & Action Center (FRAC), Food Hardships in America Report, 2016

To compare, households without children rate at **12.2%**

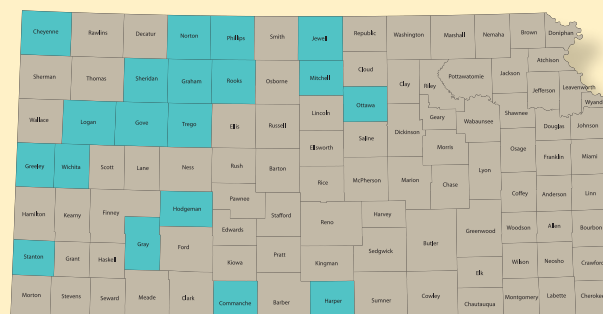
Kansas was in the bottom 10 performing states when it comes to student participation in summer meals compared to the regular school year's free and reduced-price lunches. But, the state saw a **10.4%** increase in the number of students participating in summer meals last summer (only eight states saw an increase by 10% or more from 2015 to 2016).

Source: FRAC, Summer Nutrition Status Report, 2017 (2015 and 2016 data)

The ratio of summer nutrition to the National School Lunch Program was **9.2%** ranking Kansas at 45th.

More than **1.4 million** meals were served to children through the Summer Food Service Program.

In 2017, there were 19 Kansas counties without a Summer Food Service Program site.



Source: Kansas Appleseed, Addressing Summer Hunger through the Summer Food Service Program, 2017

**17,187** students received meals on average each day in July 2016. Less than 1 in 10 students participated in the summer nutrition program that did during the school year (187,582 students receive free- and reduced-price lunches each day).

Source: FRAC, Summer Nutrition Status Report, 2017 (2015 and 2016 data)

Summer nutrition month, year	Sites	Meals Served
July 2015	388	314,897
July 2016	477	318,785

89 more sites in 2016 served 3,888 more children

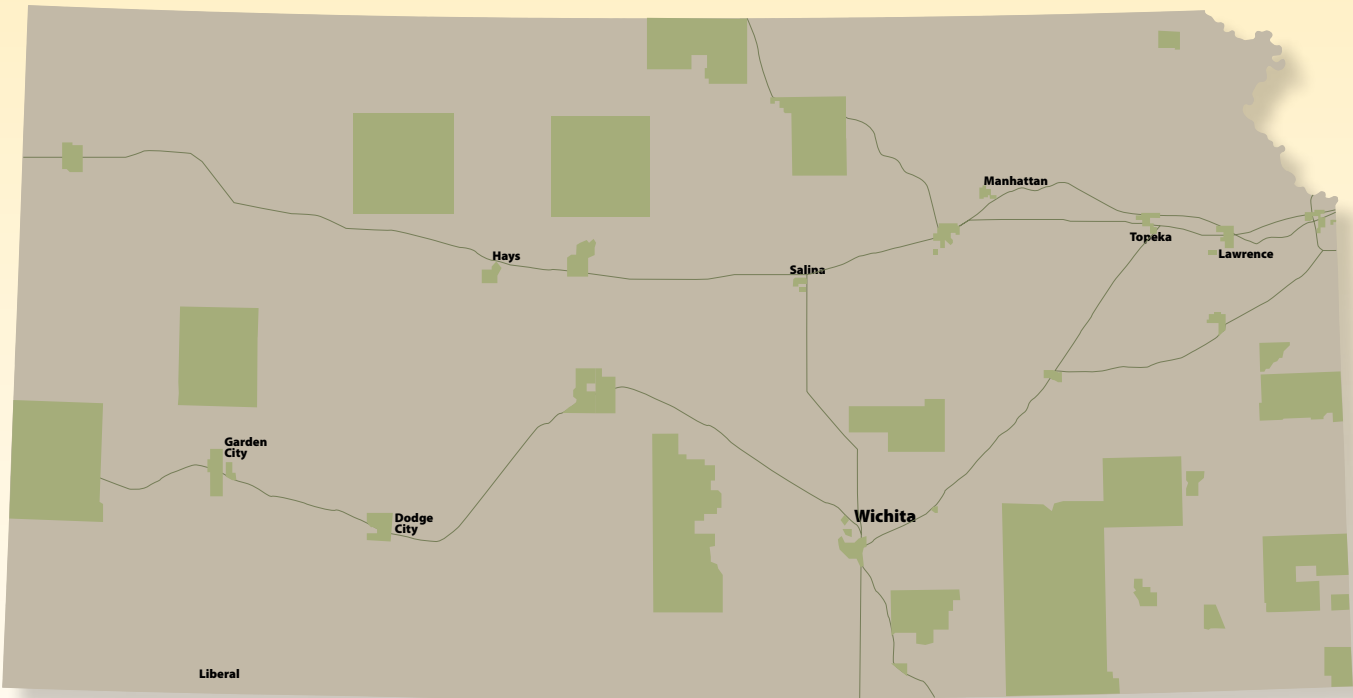
ACCESS TO GROCERY:

INCOME:

More than **250,000** low-income Kansans (253,276) live more than 1 mile from a grocery store in urban areas, and more than 10 miles from a grocery store in rural areas.

Source: USDA, 2015 Food Access Research Atlas

Food Deserts



Depicts low-income residents who are more than 1 mile (urban) or 10 miles (rural) from the nearest supermarket.

Low Income & Low Access at 1 and 10 miles

Source: USDA, 2015

## DID YOU KNOW?

### Kansas Food Assistance Program (SNAP)

The estimated participation rate of eligible people in 2015 was

**71%**

And, the estimated participation rate of the eligible working poor was 64%.

*Source: USDA, "Reaching Those in Need: Estimates of State Supplemental Nutrition Assistance Program Participation Rates in 2015"*

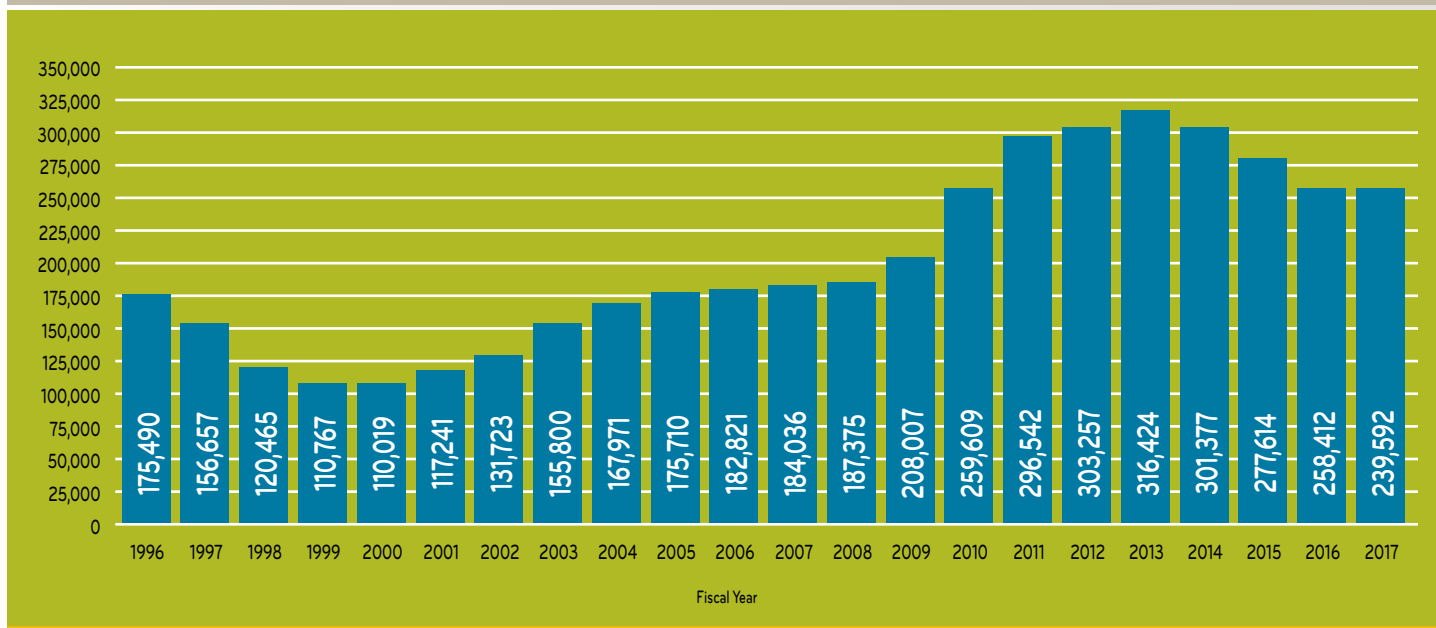
SNAP reached  
**234,000**  
Kansans

More than 48% are in working families (national average is more than 44%).

*Source: Center on Budget and Policy Priorities, 2018 (2016 FY data)*

or 8% of the state population (1 in 12) in Fiscal Year 2016.

#### SNAP MONTHLY AVERAGE PARTICIPATION RATE



*Source: Kansas Department for Children and Families (DCF), Jan. 2018 Public Assistance Report*

#### What happened in 2013?

On Oct. 1, adults age 18 to 49 had to work at least 20 hours per week or enroll in a federally-approved job training program within three months in order to keep receiving SNAP benefits.

*Source: Wichita Eagle, 2013*

## DID YOU KNOW?

### Kansas Food Assistance Program (SNAP)

More than  
**74%**  
of KS SNAP : **123,081**  
children on average  
were enrolled  
monthly in SNAP.

participants are in families with children  
(national average is more than 68%).

Source: Center on Budget and Policy Priorities, 2018 (2016 FY data)  
and Kansas Action for Children, 2017 KIDS COUNT (2016 data)

Almost  
**34%** of SNAP  
participants  
are in families with members  
who are either elderly or  
disabled (national average  
is more than 31%).

The average monthly SNAP  
benefit for each household  
member is \$114.

Source: Center on Budget and Policy Priorities,  
2018 (2017 FY data)

### Fruits & Vegetables

**86%** : 14% report  
eating 5 or  
more per day  
of Kansans reported eating fewer than  
5 fruits and vegetables per day.

Source: Policy Map, 2013

**43.7%** of adults (or more than  
2 in 5) do not consume  
fruit at least once per day.

45.7% of these adults have diabetes,  
44.3% are overweight (BMI of 25 to  
29), and 47.2% are obese (BMI 30 or  
above).

Source: 2015 KS BRFSS



**22.3%**

of adults (or 1 in 5) do not consume  
vegetables at least once per day.

24.1% of these adults have diabetes,  
21.8% are overweight (BMI of 25 to  
29) and 23.5% are obese (BMI 30  
or above).

Source: 2015 KS BRFSS

Food insecurity is associated with obesity, as many food-insecure families face difficult tradeoffs between calorie-dense foods that are most affordable and healthier food choices that are frequently beyond reach of their budgets.

*"...Food insecurity and obesity are often found in the same individual or family. The relationship between the two, however, is complex and research studies have yielded inconsistent results. The strongest and most consistent evidence is of an increased risk for overweight/obesity among food-insecure adult women."*

Source: KHI Food Insecurity in Kansas Technical Report, 2015

# PHYSICAL ACTIVITY

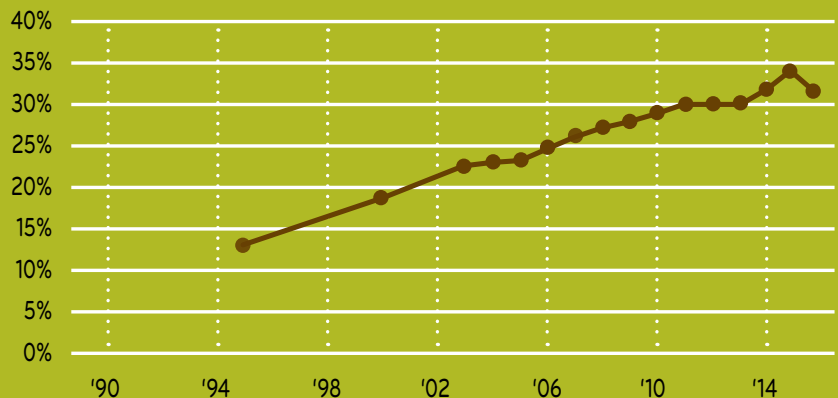
Kansas has an obesity rate of

# 31.2%

22nd highest in the nation

The prevalence of obesity increased significantly from 2014 (31.3%) to 2015 (34.2%). In 2015, Kansas had the 7th highest adult obesity rate in the nation.

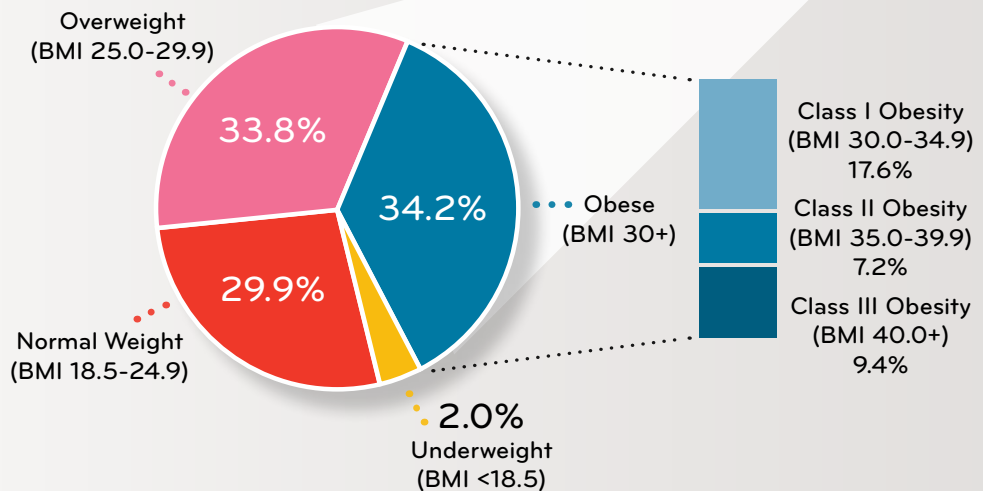
ADULT OBESITY RATE IN KANSAS (1990-2016)



Year	1995	2000	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Adult Obesity Rate	13.5%	19.1%	22.6%	22.9%	23.2%	24.3%	25.8%	27.2%	28.2%	29.0%	29.6%	29.9%	30.0%	31.3%	34.2%	31.2%

Source: 2017 State of Obesity

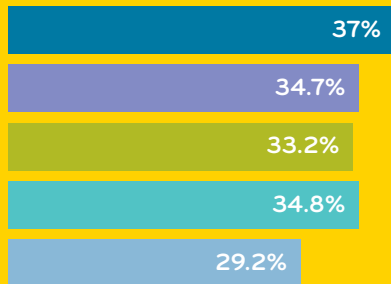
In 2015,  
**68%**  
of Kansas adults  
were either  
overweight  
or obese.



Source: 2015 KS BRFSS

## Income:

% of adults who are obese:



- Less than \$15,000
- \$15,000 to \$24,999
- \$25,000 to \$34,999
- \$35,000 to \$49,999
- \$50,000 or more

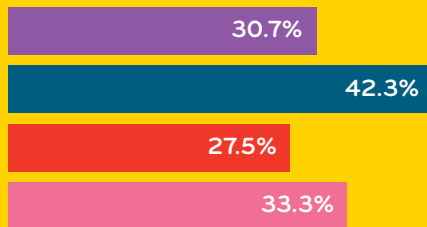
% of adults who are obese or overweight:



Source: 2016 KS BRFSS

## Race/Ethnicity:

% of adults who are obese:



- White, non-Hispanic
- African-American, non-Hispanic
- Other/multi-race, non-Hispanic
- Hispanic

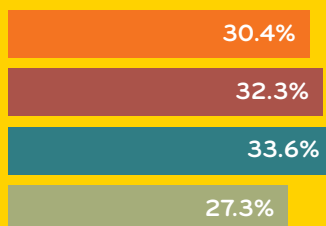
% of adults who are obese or overweight:



Source: 2016 KS BRFSS and KDHE staff  
Prevalence estimates for race and ethnicity were age-adjusted to the U.S. 2000 standard population

## Education:

% of adults who are obese:



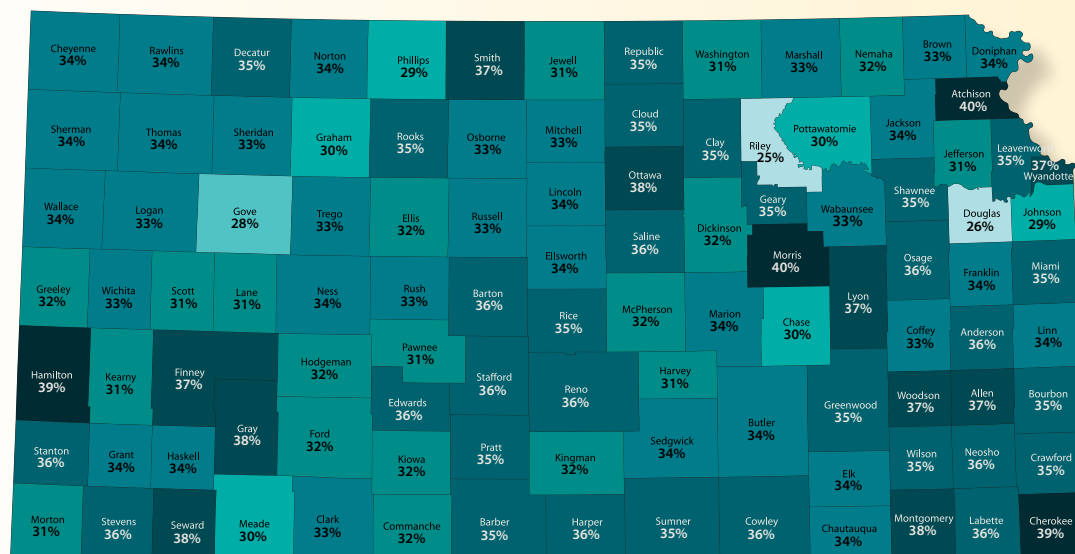
- Less than high school
- High school graduate or G.E.D.
- Some college (some post-high school)
- College graduate

% of adults who are obese or overweight:

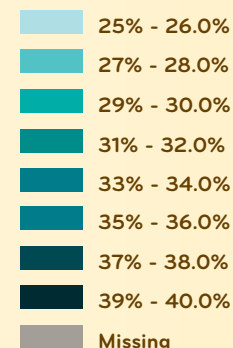


Source: 2016 KS BRFSS

## % of Obese Adults by County



### Adult Obesity Rate (BMI 30+)



Source: 2018  
County Health  
Rankings &  
Roadmaps  
(2014 data)

## DID YOU KNOW?

### Obesity & Chronic Disease

Of the  
**31.2%** of adults who  
reported being  
obese in 2016,  
**53.8%** had diabetes.

Source: 2016 KS BRFSS

**31.6%** of Kansas adults had  
hypertension in 2015.

There were 558,427 reported hypertension cases in 2010 and at the current rate, there will be an estimated 713,158 cases in 2030.

Source: 2017 State of Obesity

There were  
**176,438**

cases of heart disease reported in 2010, and at the current rate, there will be an estimated 769,578 cases in 2030.

Source: 2017 State of Obesity

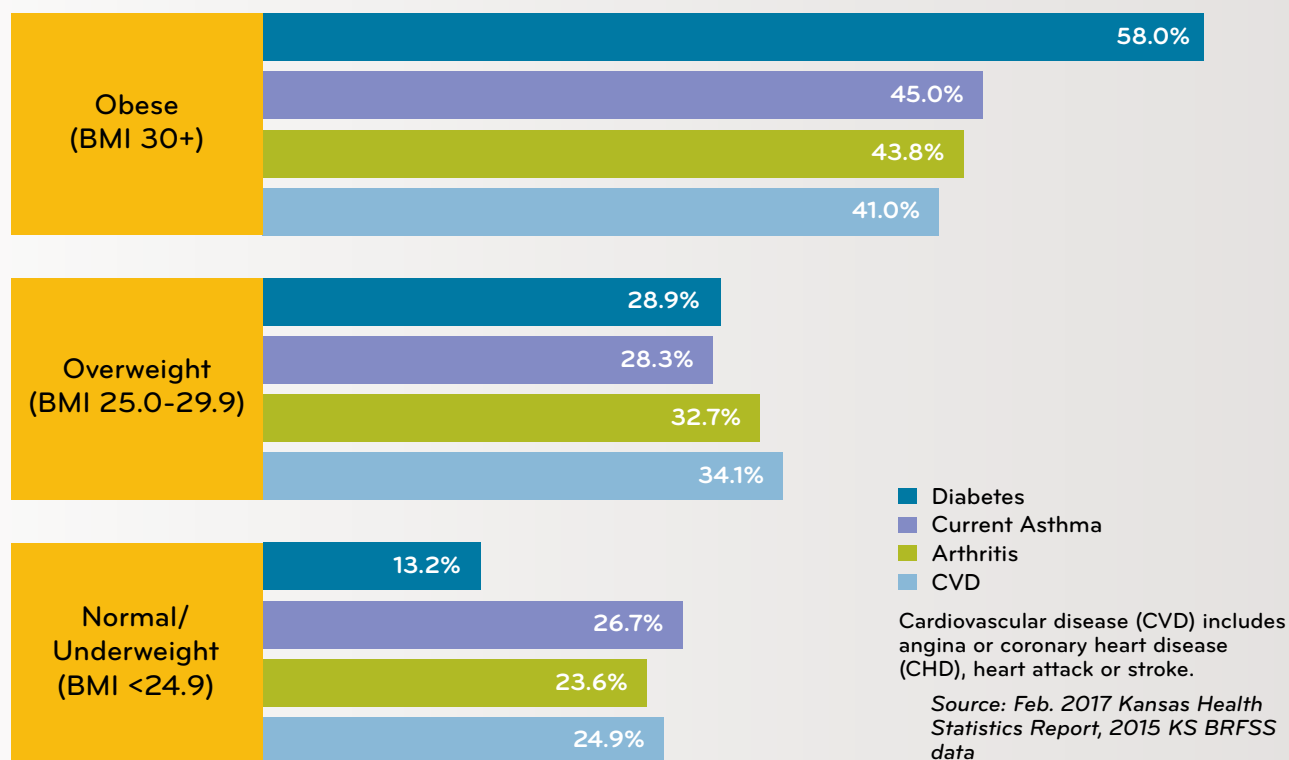
In 2010, there were  
**44,590**

cases of obesity-related cancer, and at the current rate, there will be an estimated 106,322 cases in 2030.

Source: 2017 State of Obesity

## DID YOU KNOW?

### Chronic Conditions by Adult Weight Status



### Adult Physical Activity

In 2016,

23.5%



(approximately 1 in 4) of Kansas adults did not participate in leisure-time physical activity in the past 30 days.

Of these people, 40.4% had diabetes, and 29.9% were obese (BMI 30 or more).

Source: 2016 KS BRFSS

## DID YOU KNOW?

### Childhood Obesity & Physical Activity

**11.6%**

of children age 10-17  
are obese.

*Source: 2016 NSCH*

**30.9%**

of children age 10-17  
are overweight or obese.

*Source: 2016 NSCH*

**13.1%**

of high school students  
are obese and 15.3% are  
overweight.

*Source: 2017 KS YRBS*

### Physical Activity Recommendations

**74.5%**

of children and adolescents,  
age 6 to 17, are not  
physically active at least  
60 minutes per day  
(recommendation for this  
age group).

*Source: CAHMI, Data Resource Center  
for Child and Adolescent Health,  
2016 NSCH*



**33.8%**

(approximately 1 in 3) of  
middle school students  
are physically active for at  
least 60 minutes per day.

*Source: 2013/2014 KS YTS*

**13.2%**

of high school students  
do not participate in  
at least 60 minutes of  
physical activity on at  
least 1 day.

*Source: 2017 KS YRBS*

### Consumption of Healthy Foods & Drinks

**21.7%**

(1 in 5)  
of middle  
school  
students

ate fruits and vegetables five or  
more times per day in the past week.

*Source: 2013/2014 KS YTS*

**89%**

of  
children  
(under 18)

report drinking any sugar drink at least  
once in the past 30 days – excluding  
100% fruit juice.

*Source: 2013/2014 KS YTS*



EDUCATIONAL ATTAINMENT

## EDUCATIONAL ATTAINMENT

More than  
**480,000**

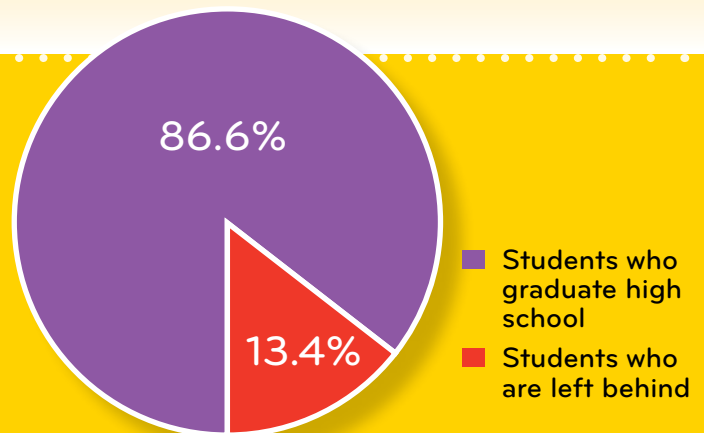
students were enrolled in public schools across Kansas (pre-K to 12th grade) in 2017-2018.

*Source: KSDE, Data Central, 2017-2018 state headcount enrollment*

## Graduation Rates

86.6% of public school students graduate from high school, which means 13.4% of students are left behind

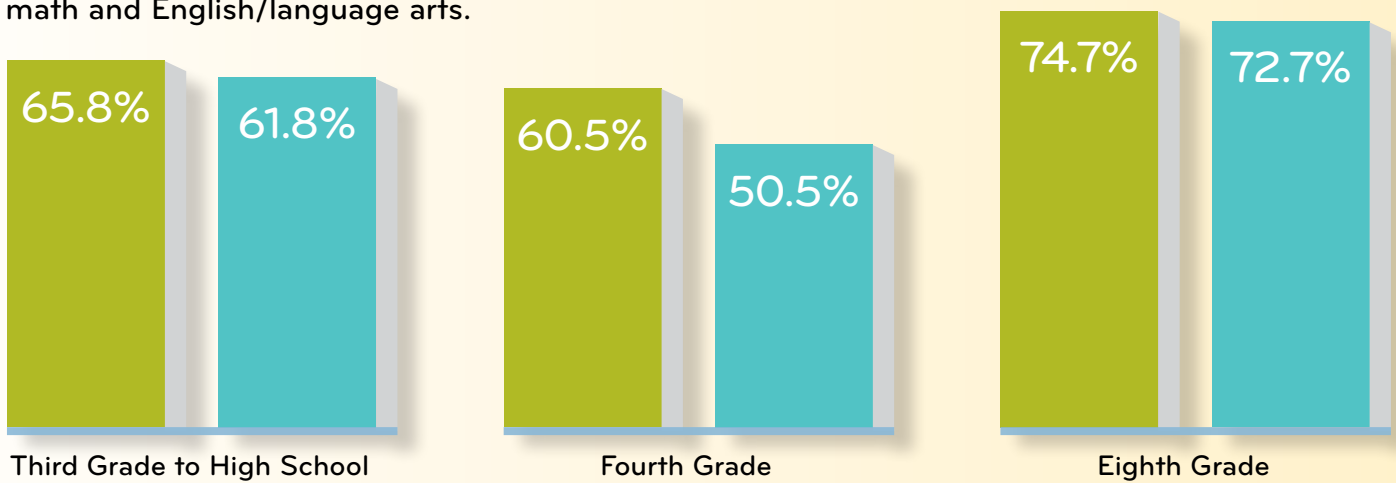
*Source: KSDE, Data Central, 2016-2017 four-year cohort*



## PROFICIENCY

Some Kansas students are below proficient in math and English/language arts.

■ Below proficient in math  
■ Below proficient in English/language arts



*Source: KSDE, Kansans CAN, Kansas Report Card 2016-2017, level 1 & 2 accountability population*

## INCOME:

### Free- or Reduced-Price Lunches:

**47.9%** of public school students are approved for free- or reduced-price lunches.

The four school districts with the highest percentage of students who received free or reduced-price lunches include Kansas City (Wyandotte) at 86 percent, Liberal (Seward) at 82.7 percent, Elk Valley (Elk) at 81 percent and Dodge City (Ford) at 80.8 percent.

Source: KSDE Data Central, 2017-2018

**1,975** (or 2%) of all students approved for free- or reduced-price lunches dropped out of school in 2016.

Source: KSDE 2016 State-Level Graduation and Dropout Data  
Rate reflects public and private, seventh to 12th-grade students.

### Free- or Reduced-Price Lunches & Graduation Rates:

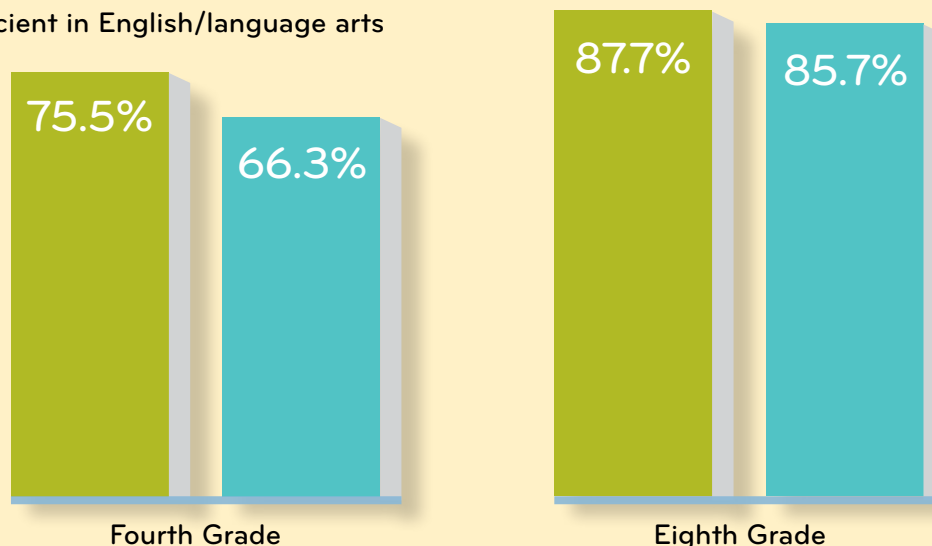
**77.7%** of students eligible for free- or reduced-price lunches graduate from high school.

Source: Kansas Assessment Program, 2016 baseline state data as reported in KSDE's Every Student Succeeds Act plan, March 2017

### Free- or Reduced-Price Lunches & Proficiency:

A majority of students eligible for free- or reduced-price lunches are below proficient in math and English/language arts.

- Below proficient in math
- Below proficient in English/language arts



Source: KSDE, Kansans CAN, Kansas Report Card 2016-2017, level 1 & 2 accountability population

## RACE:

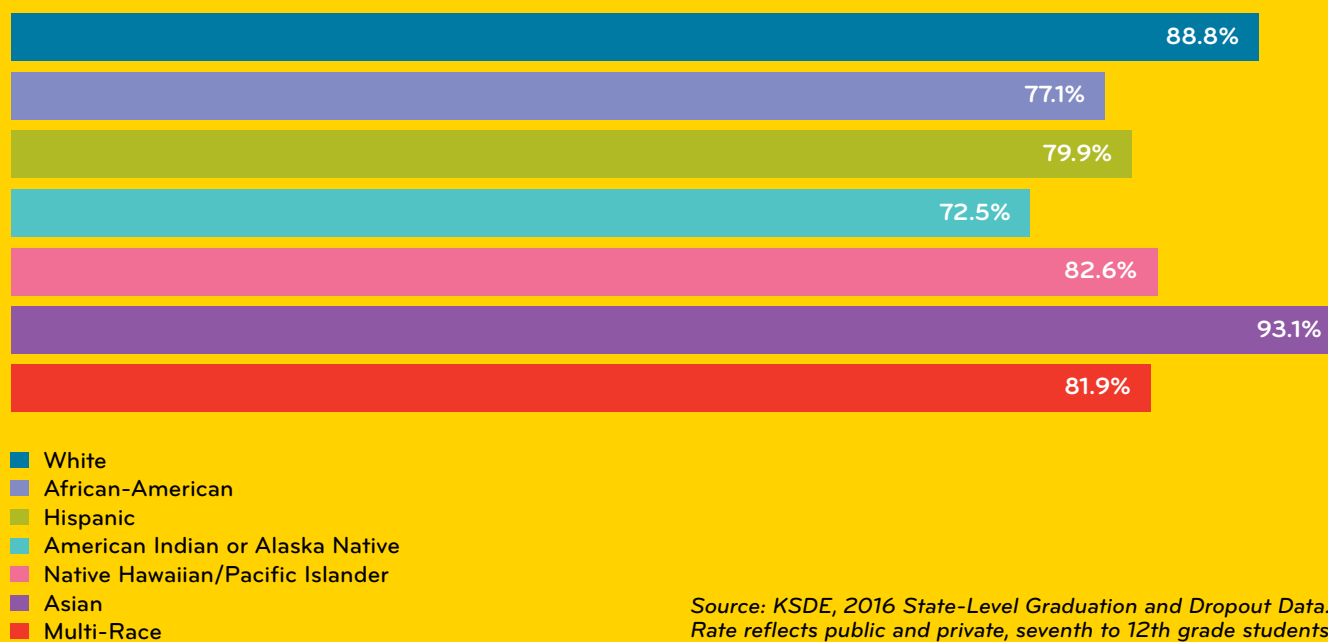
### Student Population:

Race/ethnicity of overall public K-12 student population:



### Graduation Rates:

Four-year adjusted cohort graduation rates by race/ethnicity:



## Dropout Rate/Count by Race/Ethnicity:

Race/Ethnicity	2016 Dropout Rate	2016 Dropout Count
African-American	2.7%	415
Hispanic	2.4%	944
White	1.3%	2012
Asian	1%	68
American Indian or Alaska Native	3.6%	83
Multi-Racial	2.3%	228

Source: KSDE, 2016 State-Level Graduation and Dropout Data  
Rate reflects public and private, seventh to 12th-grade students.

## Students Below Proficient in Math and English/Language Arts:

% of Kansas students (third grade to high school) below proficient by race/ethnicity:

Race/Ethnicity	% Below Proficient in English/Language Arts	% Below Proficient in Math
African-American	82.3%	86.6%
Hispanic	77.9%	80.7%
White	55.1%	59.6%
Asian	47.1%	43.9%
American Indian or Alaska Native	73.5%	78.1%
Multi-Racial	64%	69.6%

% of fourth grade students below proficient by race/ethnicity:

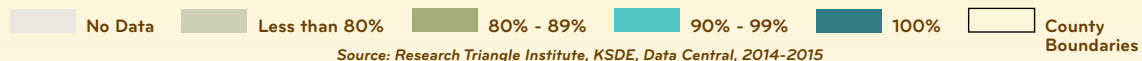
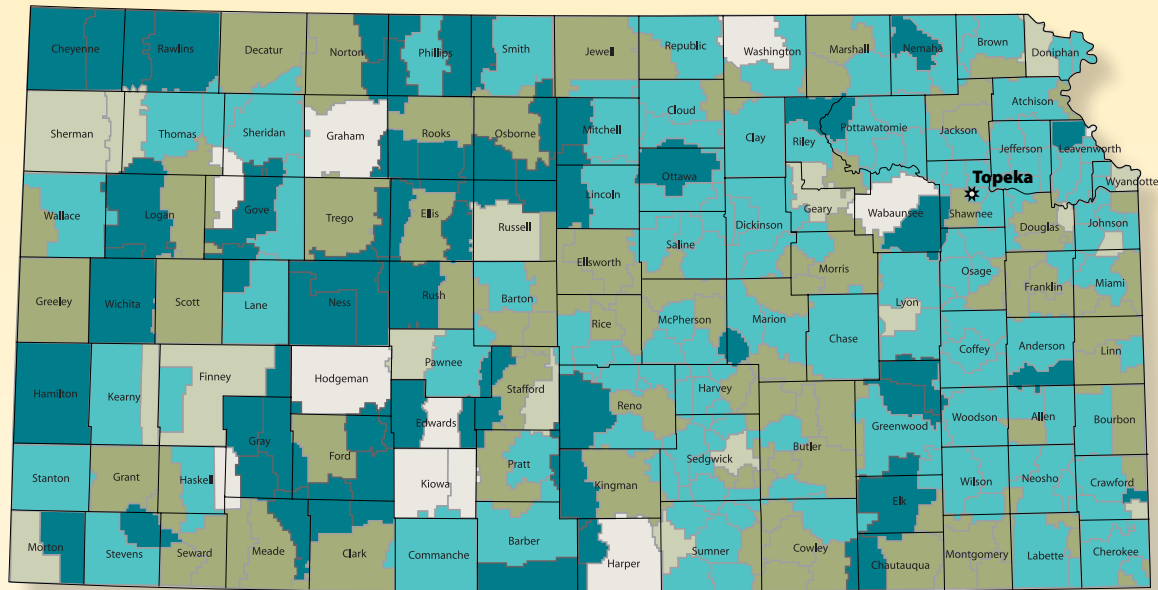
Race/Ethnicity	% Below Proficient in English/Language Arts	% Below Proficient in Math
African-American	74.8%	84.9%
Hispanic	68%	77%
White	42.7%	53%
Asian	34.9%	40.5%
American Indian or Alaska Native	62.4%	73.5%
Multi-Racial	54%	65.9%

% of eighth grade students below proficient by race/ethnicity:

Race/Ethnicity	% Below Proficient in English/Language Arts	% Below Proficient in Math
African-American	90.3%	92.4%
Hispanic	86.1%	87.3%
White	67.4%	69.9%
Asian	57.5%	47.5%
American Indian or Alaska Native	80.8%	83.8%
Multi-Racial	76.2%	78.9%

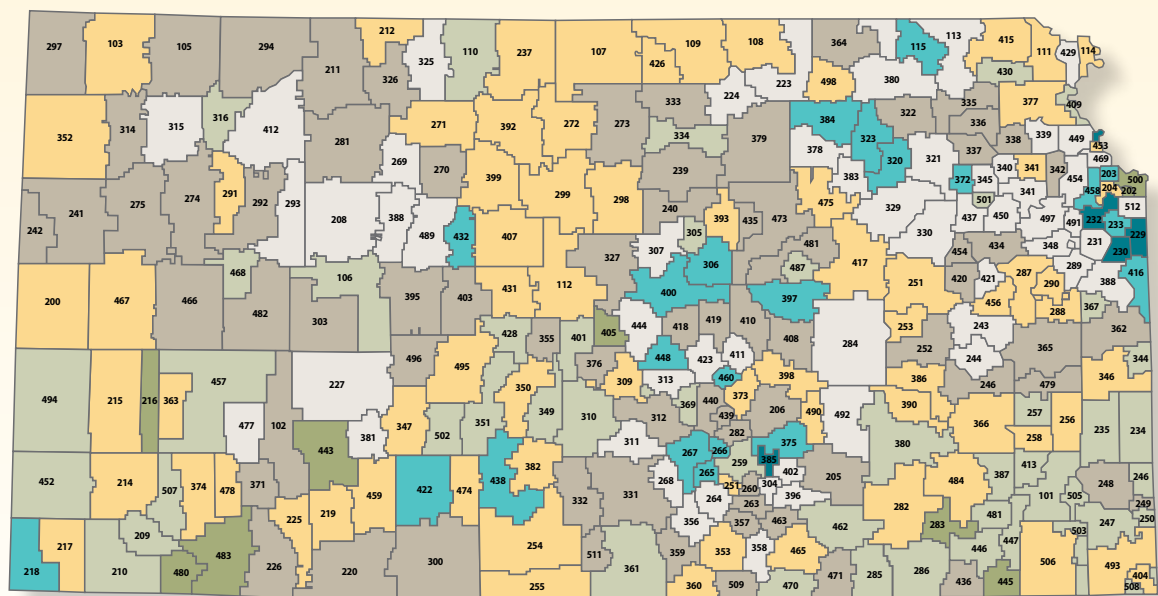
Source: KSDE, Kansas CAN, Kansas Report Card 2016-2017, level 1 & 2 accountability population

## Graduation Rates by USD



Source: Research Triangle Institute, KSDE, Data Central, 2014-2015

## % of Students Approved for Free- or Reduced-Price Lunches by USD



Source: KSDE, Data Central, 2016-2017

## DID YOU KNOW?

### # of Children by Household Head's Educational Attainment:

Education Level	% in 2016
Not a high school graduate	10%
High school diploma or GED	43%
Associate degree	11%
Bachelor's degree	23%
Graduate degree	13%

Source: KIDS COUNT Data Center, 2016

### Race/Ethnicity of Adults with Less Than a High School Diploma:

Race/Ethnicity	% of all adults with less than a high school diploma
African-American only	11.9%
White only	8.3%
Asian only	15.5%
American Indian or Alaska Native only	16.1%
Multi-racial	11.1%
Hispanic or Latino origin	36.4%

Source: 2016 American Community Survey 1-year estimates

178,843 or 9.4%

of all Kansas adults age 25 and older have less than a high school diploma.

Source: 2016 American Community Survey 1-year estimates



CIVIC AND COMMUNITY ENGAGEMENT

# CIVIC AND COMMUNITY ENGAGEMENT

## General/Presidential Elections:



■ Eligible Kansas voters turned out to vote in the November general election  
■ Registered voters turned out to vote

On the ballot: President of the United States, U.S. and Kansas Senate/House, state and local judges and a state ballot measure



■ Eligible Kansas voters turned out to vote in the November general election  
■ Registered voters turned out to vote

On the ballot: President of the United States, U.S. and Kansas Senate/House, state and local judges and a state ballot measure

Source:

Eligible voter turnout: United States Elections Project, voter turnout data

Registered voter turnout: State of Kansas Office of the Secretary of State (KSSOS), election statistics

## General/Gubernatorial Election:



■ Eligible Kansas voters turned out to vote in the November general election  
■ Registered voters turned out to vote

On the ballot: State executive offices (including governor and lieutenant governor), U.S. House/Senate, state house, a state ballot measure and state courts

Source:

Eligible voter turnout: United States Elections Project, voter turnout data

Registered voter turnout: KSSOS, election statistics

## Local Elections:

**56.6%** of Kansas adults sometimes or always vote in local elections. The U.S. average is **58.2%**, ranking Kansas among the bottom 10 states.

Source: 2016 Kansas Civic Health Index

## Kansas Electorate Profile:

### Voting-Age Population

Age	Kansas	U.S.
18-44	47.4%	47.1%
45-64	33.5%	34.1%
65+	19%	18.9%

### Race/Ethnicity

Race/Ethnicity	Kansas	U.S.
White	81.3%	66.3%
African-American	6.2%	12.5%
Asian	3.1%	6%
American Indian and Alaska native	1.7%	1.2%
Native Hawaiian and other Pacific Islander	0.1%	0.3%
Hispanic	9.2%	15.3%

## Median Household Income

Kansas

\$52,504

U.S.

\$53,657

## Poverty Rate

Kansas

12.2%

U.S.

13.6%

## Bachelor's Degree or higher

(population age 25 and older)

Kansas

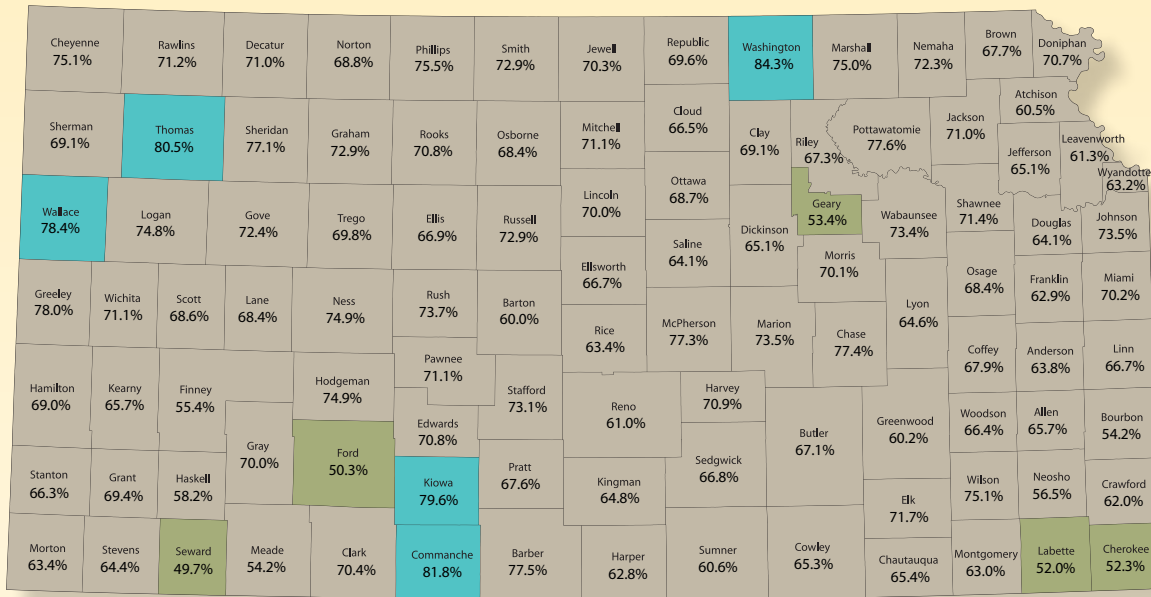
31.5%

U.S.

30.1%

Source: U.S. Census Bureau, 2016

## 2016 General/Presidential Election Voter Turnout Rates by County

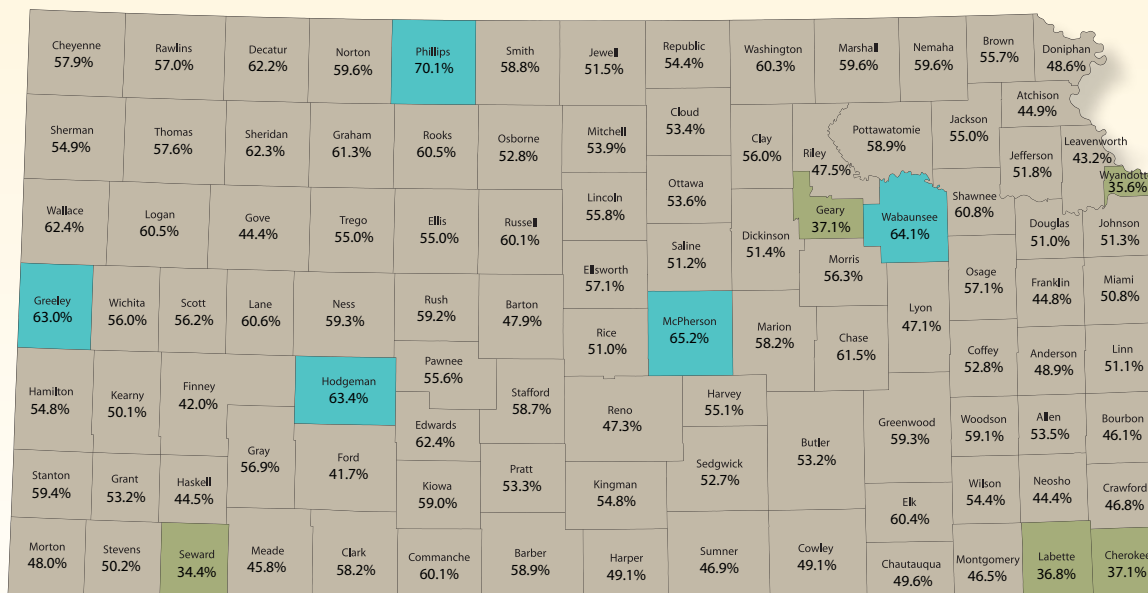


Top 5 counties in terms of voting rate

Bottom 5 counties in terms of voting rate

Source: KSSOS, election statistics, 2016 general election

## 2014 General/Gubernatorial Election Voter Turnout Rates by County

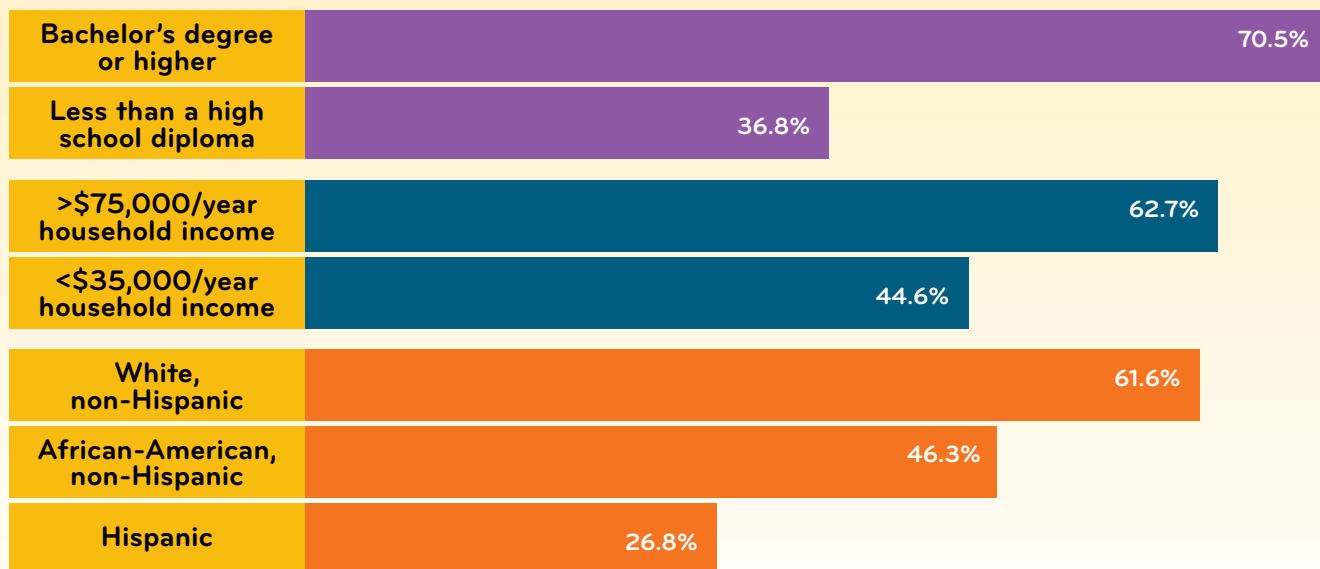


Top 5 counties in terms of voting rate

Bottom 5 counties in terms of voting rate

Source: KSSOS, election statistics, 2014 general election

## Local Voting Disparities



Source: 2016 Kansas Civic Health Index

## DID YOU KNOW?

# 14.4%

of Kansas adults have contacted or visited a public official in the last year.

White, non-Hispanic	:	15.5%
Hispanic	:	8.9%
African-American, non-Hispanic	:	8.5%
Less than high school diploma	:	1.5%
Less than \$35k/year	:	8.8%

The U.S. average is 11%.

Source: 2016 Kansas Civic Health Index

# 11.5%

of Kansas adults attended at least one public meeting in the past year.

Source: 2016 Kansas Civic Health Index

# 36.1%

of Kansas adults volunteer. The U.S. average is 26.2%.

Kansas ranks 4th against other states in this measure.

Source: 2016 Kansas Civic Health Index

## DID YOU KNOW?

### Children & the General Election:

**Kids Voting Kansas**, is a nonprofit organization that encourages student involvement through community and school partnerships in order to fulfill its mission. It was created as a solution to citizen apathy and poor voter turnout. Kids Voting sparks a renewed interest in American democracy. Kids Voting Kansas has received enthusiastic responses from educators, volunteers, parents, and most importantly, the students. Students are not only exposed to the basics of an election, they also experience information gathering, decision-making, and the empowerment of voting. Students are active participants in this learning process, discussing and debating the election in school and at home.

*Source: 2016 KIDS Voting USA*

More than



Kansas students voted through this program during the 2016 general election.

### Children's Community Engagement:

# 48.6%

of children age 6-17 have participated in community service or volunteer work at school, church or in the community within the past year.

*Source: CAHMI, Data Resource Center For Child and Adolescent Health, 2016 NSCH*







**KANSAS HEALTH**  
FOUNDATION

309 E. Douglas | Wichita, KS 67202 | 316.262.7676 | [www.kansashealth.org](http://www.kansashealth.org) | [info@khf.org](mailto:info@khf.org)

