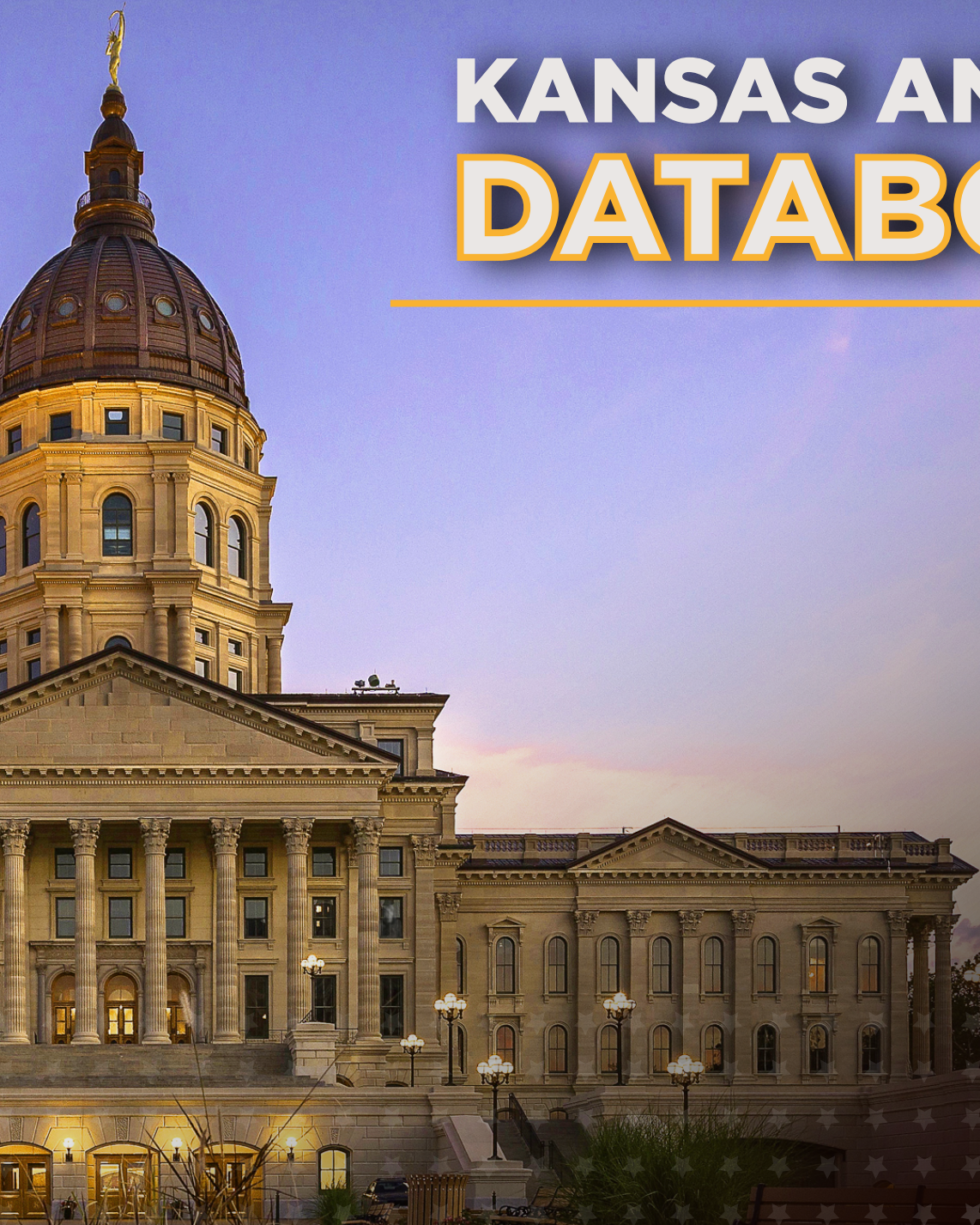


KANSAS ANNUAL DATABOOK



AD ASTRA PER ASPERA
Kansas
Department of Commerce

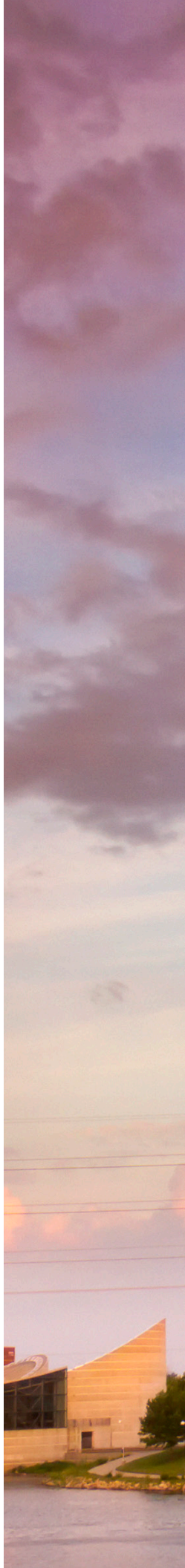


AD ASTRA PER ASPERA



Table of Contents

MEET THE TEAM.....	2
QUALITY OF LIFE.....	6
ECONOMY.....	32
MARKETS & TRANSPORTATION.....	62
WORKFORCE.....	80
EDUCATION.....	90
TECHNOLOGY, INNOVATION & ENTREPRENEURSHIP.....	126
TAXES AND INCENTIVES.....	136
UTILITIES.....	170
ENVIRONMENT.....	176







Meet the Team

We know Kansas is a great place for business, and we think you'll agree.

Kansas has been, and continues to be, aggressive in its efforts to grow our economy. Major companies, such as Geico, Hostess Brands, CarMax, PBI Gordon, Empirical Foods, Walmart, Amazon, Kiewit, Mars, Triumph, Dairy Farmers of America, Kubota and General Motors all chose Kansas as their preferred business location. These companies selected Kansas due to the business advantages our state can offer, advantages that translate to increased performance and profits.

As the state's lead economic development agency, the Kansas Department of Commerce strives to empower individuals, businesses and communities to achieve prosperity in Kansas.

Kansas Commerce accomplishes its mission by developing

relationships with corporations, site location consultants and stakeholders located in Kansas and nationwide.

Our strong partnerships allow us to help create an environment for existing Kansas businesses to grow and to foster an innovative, competitive landscape for new businesses.

The Kansas Department of Commerce Business Recruitment team has expert knowledge and valuable relationships to ensure your business' success.

HERE TO EXPEDITE YOUR SITE LOCATION SEARCH

When you contact the Kansas Department of Commerce, we will assign a Business Recruitment project manager to work with you every step of the way, whether you are in the preliminary stages of a site location project or ready to conduct a full-scale site location search.

HERE'S HOW WE CAN HELP:

The First Steps

- Work with you on a confidential basis
- Identify client project needs
- Provide guidance on which Kansas communities are best suited to your project needs
- Identify useful partnerships and available state and local resources, including available buildings and sites, labor data, training resources and infrastructure

The Next Phase

- Submit a formal proposal addressing your project requirements, including:
 - a. State and community information
 - b. Available properties
 - c. Incentive proposal with specific monetary commitments based on jobs, payroll and capital investment
- Work with you to determine which Kansas communities hold the greatest potential for your project

Site Visits

1. Help you define your site visit goals
2. Select the Kansas communities you will visit
3. Formulate your site visit agenda
4. Connect you with the local economic development representatives
5. Arrange for in-state transportation
6. Accompany you during your visit
7. Ensure that you remain on schedule
8. Follow up after the visit with local representatives regarding outstanding questions or issues

The Final Decision

1. Ensure that all your questions have been answered
2. Provide guidance on incentive application process and next steps
3. Act as a resource for ongoing questions as you establish operations in Kansas

You can also check out our available sites and building on LocationOne: <https://locationone.com/>

LEADERSHIP



GOVERNOR LAURA KELLY

Governor, State of Kansas
Topeka, Kansas



DAVID C. TOLAND

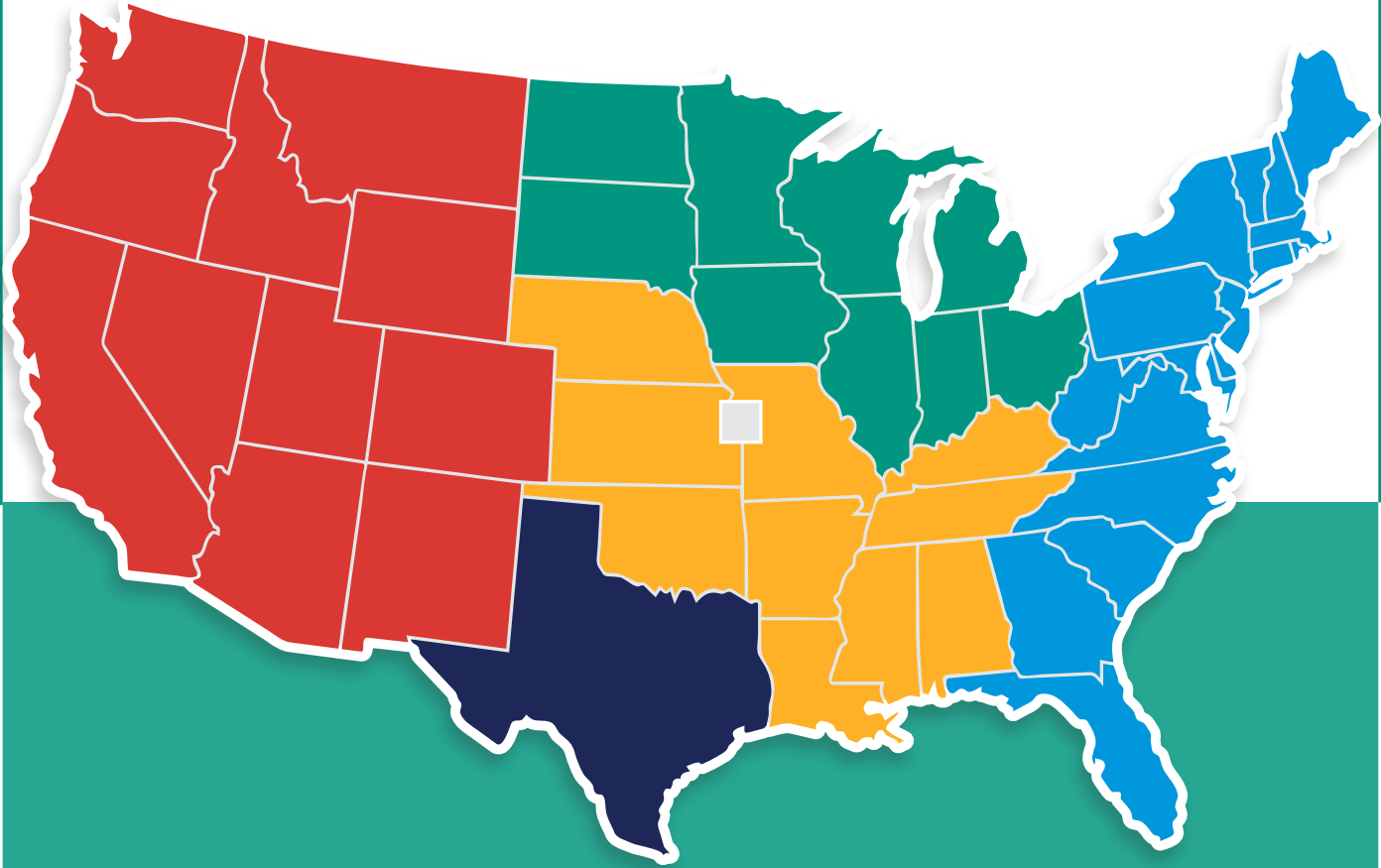
Lieutenant Governor and
Secretary of Commerce
Topeka, Kansas



PAUL HUGHES

Deputy Secretary
Topeka, Kansas
paul.hughes@ks.gov
785.260.5775

BUSINESS RECRUITMENT TEAM



ALICIA JANESKO HUTCHINGS

Manager, Business Recruitment
Dallas, TX
alicia.hutchings@ks.gov
913.205.8521



PETER RUIZ

Business Recruitment
Project Manager
West Coast Region |
Los Angeles, CA
peter.ruiz@ks.gov
213.706.6654



CHANG LU

**Business Recruitment &
Int. Trade Project Manager**
South Central Region |
Springfield, MO
chang.lu@ks.gov
913.515.8541



BARBARA HAKE, CEcD

Business Recruitment
Project Manager
Kansas City Metro Region |
Olathe, KS
barbara.hake@ks.gov
913.909.0999



JEFF FREEMAN

Business Recruitment
Project Manager
Great Lakes Region |
Chicago, IL
jeff.freeman@ks.gov
202.549.5999



JOSE ROMANO

Business Recruitment
Project Manager
East Coast Region |
New York, NY
jose.romano@ks.gov
917.756.9601



RANDI TVEITARAAS JACK

**Deputy Director,
International Division**
International Business Recruitment
randi.tveitaraasjack@ks.gov
785.296.7868

INTERNATIONAL BUSINESS RECRUITMENT

IN-STATE BUSINESS DEVELOPMENT TEAM



CRAIG VANWEY

Manager, In-State Business Development Team
Southeast Region
craig.vanwey@ks.gov
785.633.8407



CRAIG VANWEY

In-State Business Development Project Manager
KC Metro & East Central Region
craig.vanwey@ks.gov
785.633.8407



MARLA CANFIELD

In-State Business Development Project Manager
South Central Region
marla.canfield@ks.gov
785.230.1025



CRAIG VANWEY

In-State Business Development Project Manager
Southwest Region
craig.vanwey@ks.gov
785.633.8407



CHRIS FREDERICK

In-State Business Development Project Manager
Northwest Region
christian.frederick@ks.gov
620.290.7492



CRAIG VANWEY

In-State Business Development Project Manager
Northeast Region
craig.vanwey@ks.gov
785.633.8407



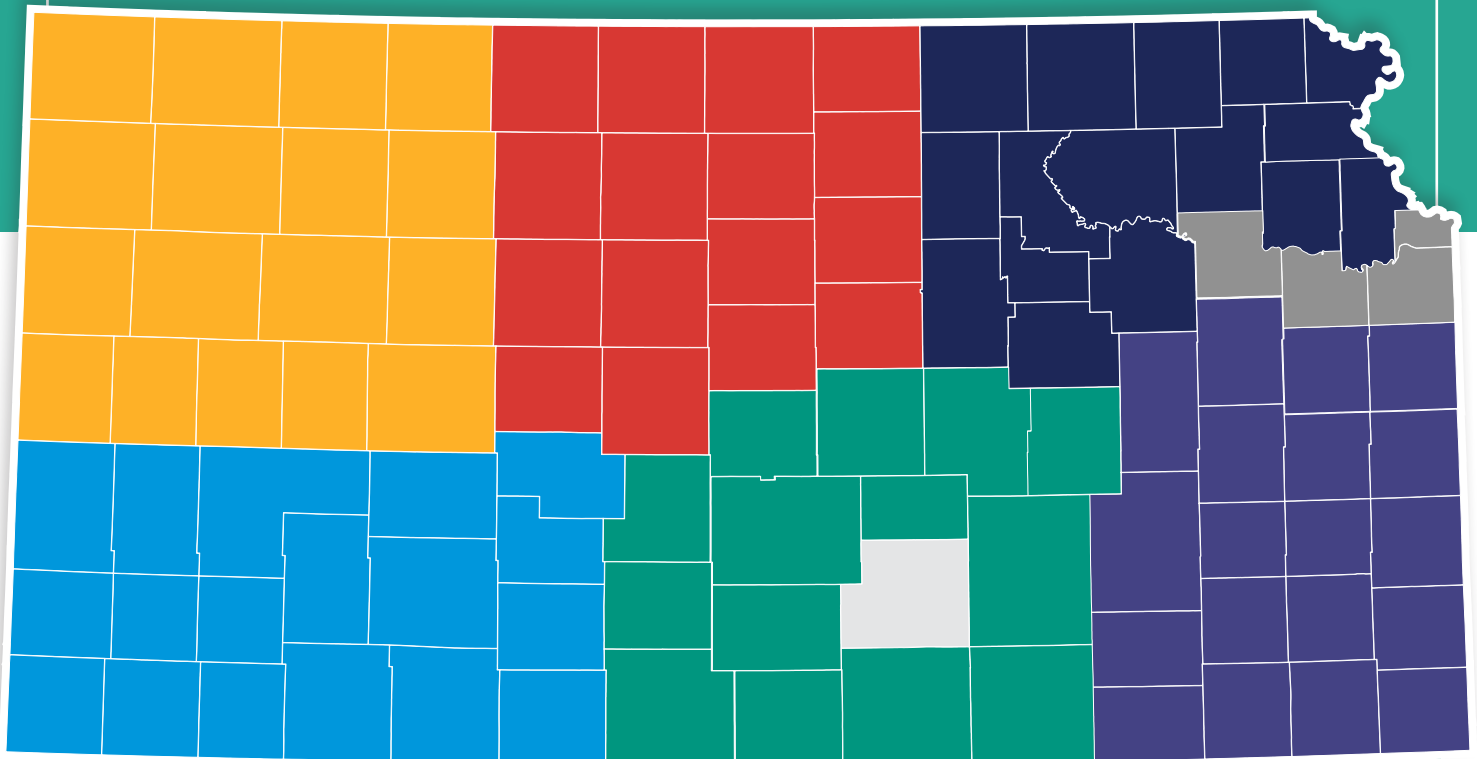
WILEY SMITH

In-State Business Development Project Manager
Wichita Metro Region
wiley.smith@ks.gov
785.230.0841



TIM ZIMMERMAN

In-State Business Development Project Manager
North Central Region
tim.zimmerman@ks.gov
785.259.2630





Quality of Life

KANSAS. A PLACE FOR EVERYONE.

Kansas is for the young executive looking for opportunity for professional growth, vibrant urban life.

It is for the young families who want both educational and social opportunities like youth baseball, soccer, football, gymnastics, cultural arts and camps.

It is for the outdoors enthusiast who enjoys camping, hiking, boating, sailing, fishing and hunting.

It is for those who want to actively participate in competitive and non-competitive sports like golf, tennis, soccer, baseball and basketball.

It is for the empty nester who wants to stay actively involved in their community through dining, theatre, civic organizations and volunteering.

Kansas is for the business that wants to partner with their state and community to grow to their fullest potential and capacity.



At the Verdigris River in Montgomery County, Kansas, the **lowest elevation** is **679 feet**.

Kansas' **highest elevation** is **4,039 feet** at Mount Sunflower in Wallace County.

82,282
**SQUARE
MILES**



2,937,880
Population

Kansas has **2 time zones**; Mountain & Central. Sherman, Wallace, Greeley & Hamilton are **4 Mountain-Time counties**.



30

Number of minutes earlier the sun sets on Kansas' eastern border than on the western border

CLIMATE



4

Seasons that Kansas Experiences



55 degrees

Average Annual Temperature



15 inches
Average Statewide Rainfall



40 inches
Average Rainfall in Southeast Kansas



15 inches
Average Rainfall at Kansas' Western Border

COST OF LIVING AND AFFORDABILITY

The cost of living in Kansas is 11 percent below the national average, ranking our state in the top 10 for lowest cost of living in the U.S. From food and gasoline to property taxes and car insurance, most of what you need costs less here. Housing costs are especially low, with the median value of owner-occupied homes more than 26 percent below the national average. The bottom line is this...your dollar goes further here.

COST OF LIVING INDEX INDIVIDUAL KANSAS COMMUNITIES

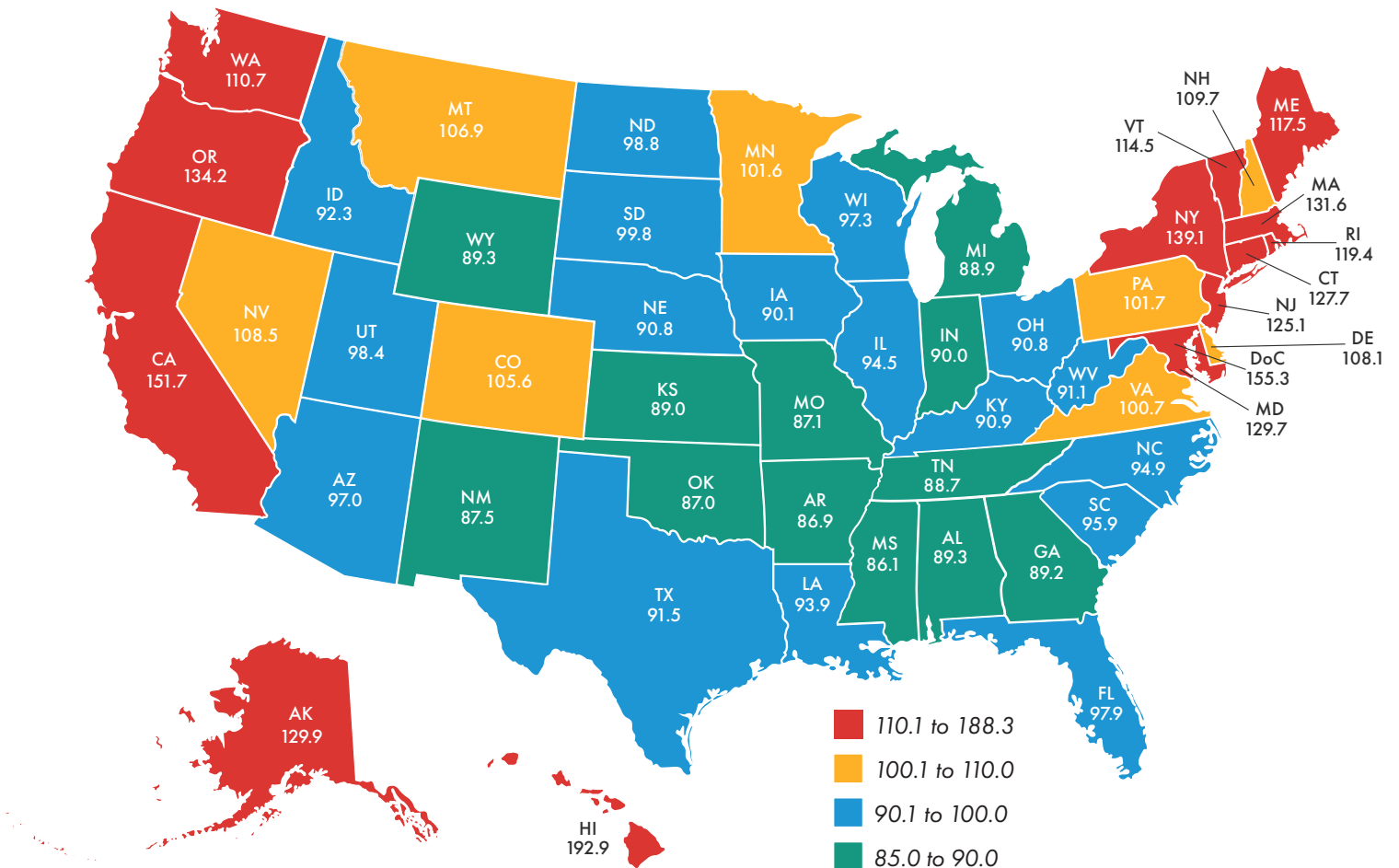
Dodge City	89.3
Manhattan	90.6
Pittsburg	82.1
Salina	83.1
Wichita	90.5
Kansas City MO-KS	93.7
U.S. Average	100.0

Source: C2ER, Q2 2021 - Accessed Sept. 2021





COST OF LIVING INDEX



COMMUNITIES

Kansans are famous for their modesty, but it's hard not to brag about the state's world-class communities.

Kansas is a blend of cosmopolitan and rural, with everything from thriving metro areas, downtowns and suburbs, to serene farm communities and quaint college towns. There are 2.9 million people in Kansas, including Wichita, the state's largest city and the aerospace manufacturing capital of the world. Other large cities in our state include Overland Park, Olathe, Lenexa and Kansas City, Kansas, along with Topeka, the capital of the state. And don't forget the state's historic farm and cattle towns - places like Dodge City, Garden City, Salina, Hays and Great Bend - that have made Kansas the Heartland of America and one of the most prolific agricultural regions on earth.

- Leawood, KS, located in the Kansas City Metro area, was named *Best Small City to Live in America* by Wallethub.com in 2019.
- McPherson, Andover and Hays, KS, all made *America's 50 Best Places to Live* list in 2019. (USA Today)
- McPherson, KS, was named *Top 10 Affordable Small Towns Where You'd Actually Want to Live*. (Realtor.com 2019)
- Manhattan and Lawrence, KS, both made the *Top 50 out of 100 Best Places to Live*. (Livability.com, 2019)

For those just starting out, many Kansas communities have been recognized as some of the best places to live for the younger generations.

- Lawrence, KS, ranks *8th* on the list of Best Cities for Recent College Graduates. (Businessinsider.com, 2019)
- Manhattan (*No. 3*) and Junction City, KS, (*No. 19*) made the cut for Top 40 Places Young People are Moving. (USA Today, 2019)
- Olathe, KS, was ranked *No. 1* for cities where millennials are buying homes, and Overland Park, KS, made the list at No. 11. (SmartAsset.com, 2019)



HOUSING

Kansas offers housing for all lifestyles and budgets, and as developments continue, more options are being built every day.

Kansas communities range from historic to modern, but all are safe, affordable and available. The median housing costs in Kansas \$151,900 compared \$217,500 in the U.S.

Urban housing options include luxury apartments in the heart of the Lawrence Warehouse Arts District, redeveloped industrial buildings in downtown Topeka and mixed-use properties combining residential apartments with high-end office space in Overland Park.

Cozy suburban communities include Shawnee, Newton and Prairie Village. Those suburbs, along with others such as Maize, Hesston and Lawrence, offer homes of all sizes with modern conveniences and market appreciation.

Rural communities such as Lindsborg, Garden City and Atchison have small, charming downtowns with historic homes as well as single-story ranch homes and large farms.

The Kansas residential real-estate market is seeing increased demand for maintenance-free living, matching nationwide trends of millennials and empty nesters seeking smaller housing with less upkeep.

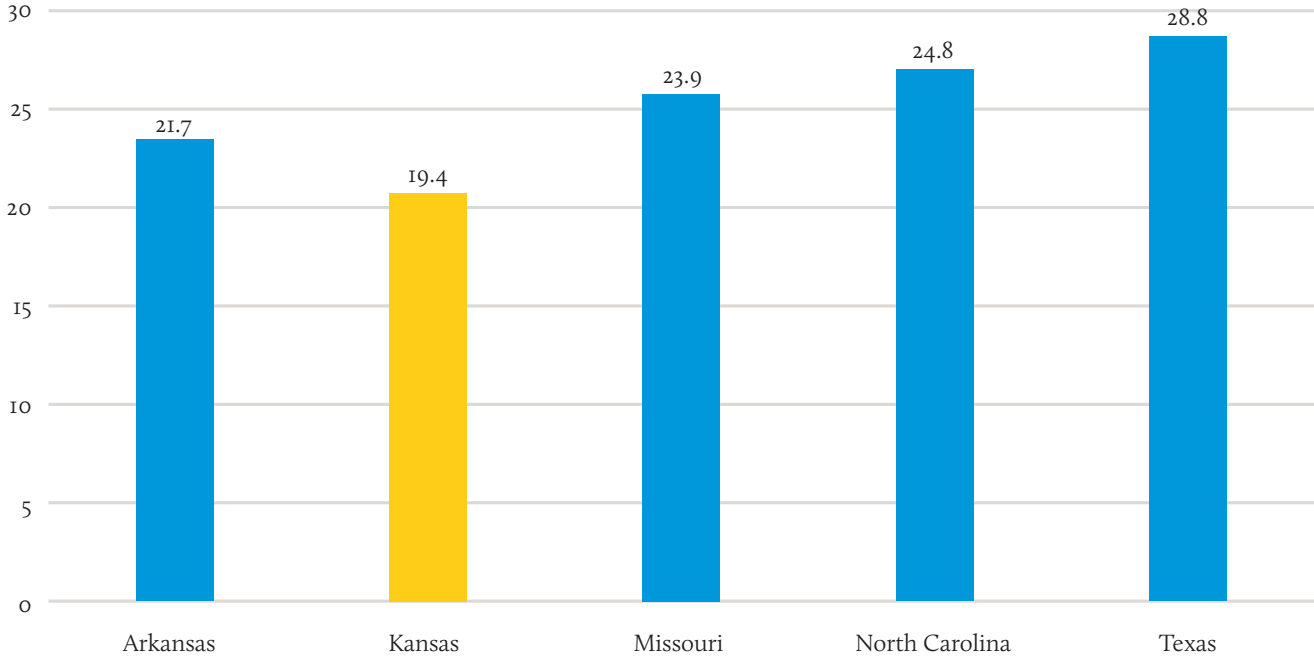




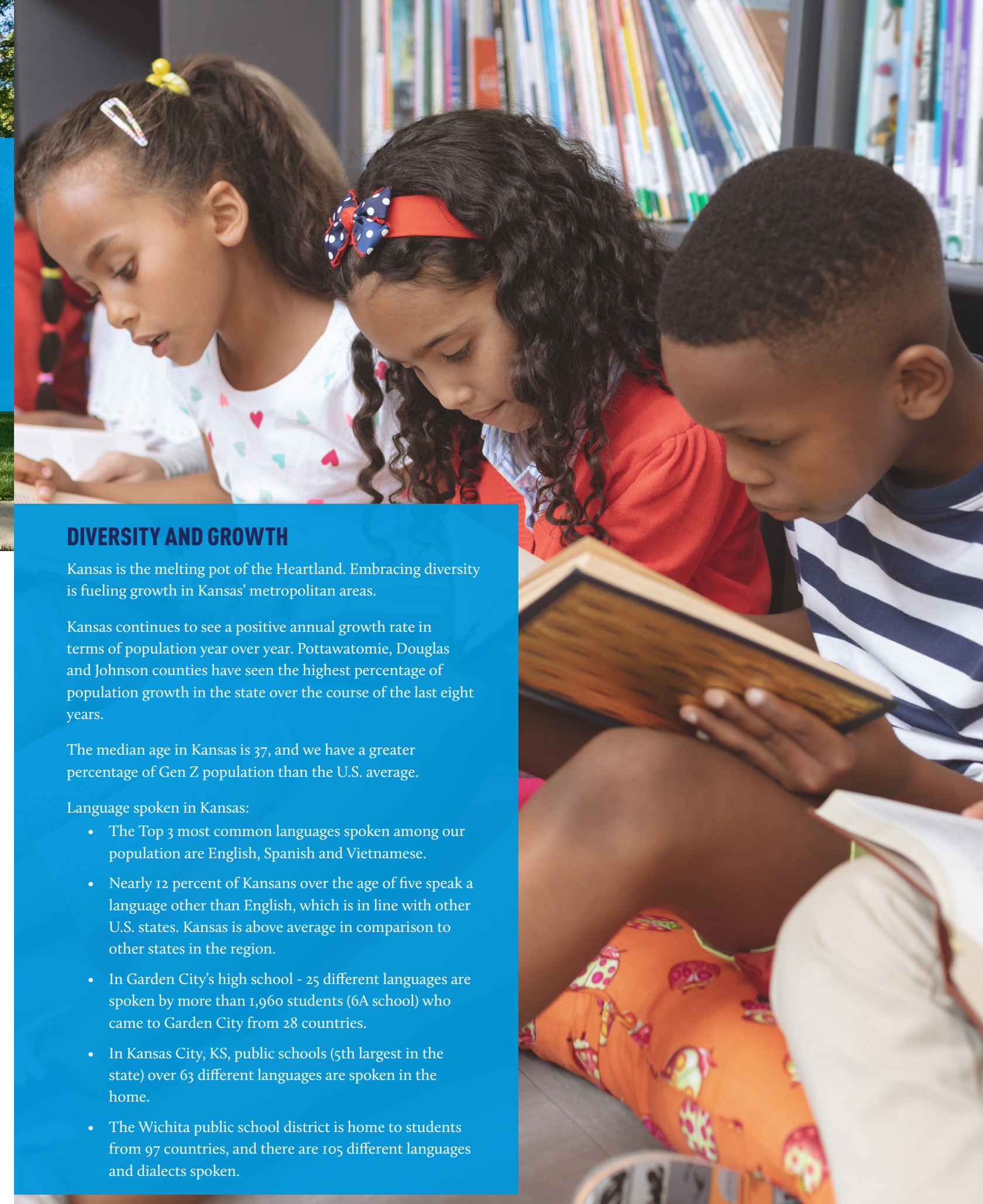
COMMUTING

The average commute time in Kansas clocks in at 19 minutes - the sixth-shortest commute in the country. Moreover, Kansas has consistently been ranked in the Top 10 as having some of the best roads in the country, meaning you can spend less time getting where you need to go and more time where you want to be.

AVERAGE COMMUTE TIME (minutes)



Source: U.S. Census, 2020 - Accessed Sept. 2021



DIVERSITY AND GROWTH

Kansas is the melting pot of the Heartland. Embracing diversity is fueling growth in Kansas' metropolitan areas.

Kansas continues to see a positive annual growth rate in terms of population year over year. Pottawatomie, Douglas and Johnson counties have seen the highest percentage of population growth in the state over the course of the last eight years.

The median age in Kansas is 37, and we have a greater percentage of Gen Z population than the U.S. average.

Language spoken in Kansas:

- The Top 3 most common languages spoken among our population are English, Spanish and Vietnamese.
- Nearly 12 percent of Kansans over the age of five speak a language other than English, which is in line with other U.S. states. Kansas is above average in comparison to other states in the region.
- In Garden City's high school - 25 different languages are spoken by more than 1,960 students (6A school) who came to Garden City from 28 countries.
- In Kansas City, KS, public schools (5th largest in the state) over 63 different languages are spoken in the home.
- The Wichita public school district is home to students from 97 countries, and there are 105 different languages and dialects spoken.



OUTDOOR RECREATION

With clear, blue skies and clean, fresh water, Kansas is the perfect place to relax and enjoy the outdoors.

Canoe or kayak in Kansas' lakes, reservoirs and rivers or simply get lost in the beauty of your surroundings in the many hiking trails across the state.

Find stocked fishing lakes, both urban and rural, alongside state lakes, state parks and wetlands.

Since Kansas is located on bird migration routes, you can spot birds of every feather. Explore unique landscapes such as chalk rocks, limestone and prairie.

You will have plenty of time to enjoy the outdoors, because Kansas ranks 8th for percentage of sunny days and is in the top one-third of states for clean air.

The average daily temperature is 55 degrees Fahrenheit. And while there's no official index of "crystal-clear days that fade into tranquil starry nights," we think we'd rank pretty high on that one, too.

NATIONAL PARKS, REFUGE, GRASSLANDS AND PRESERVES

- Brown v. Board of Education National Historic Site
- Cimarron National Grassland
- Flint Hills National Wildlife Refuge
- Fort Larned National Historic Site
- Fort Scott National Historic Site
- Harais des Cygnes National Wildlife Refuge
- Kirwin National Wildlife Refuge
- Nicodemus National Historic Site
- Pony Express Home Station No. 1, Barn & Museum
- Quivira National Wildlife Refuge
- Tallgrass Prairie National Preserve

OTHER NATIONAL LANDMARKS

- California National Historic Trail
- Freedom's Frontier National Heritage Area
- Lewis and Clark National Historic Trail
- Monument Rocks National Landmark
- Oregon National Historic Trail
- Pony Express National Historic Trail
- Rock City National Natural Landmark
- Route 66
- Santa Fe National Historic Trail



570+ state and community lakes.



24

Reservoirs



4

National Wildlife
Refuges

100 wildlife areas, including Cheyenne Bottoms, the largest inland marsh in North America.



26
State Parks



300
Miles of Trails

Hundreds of thousands of acres of public hunting land.



CULTURE, ARTS AND MUSIC

From the elegant chandelier design by Dale Chihuly at the Wichita Art Museum, to the Kansas City Symphony serenade on the plains, Kansas offers something for everyone's artistic pallet. Below are just a few of the outstanding entertainment options Kansas has to offer.

LIVE MUSIC

Stiefel Theatre for the Performing Arts – Salina

A true cornerstone of Salina's historic downtown district, this beautifully renovated historic Fox Theatre presents a tremendous variety of performances year-round. From live theatre to film, music, comedy concerts and dance performances, the Stiefel draws national and international talent as well as the local artistic flavor of this great central Kansas community.

Symphony in the Flint Hills - Cottonwood Falls

Symphony in the Flint Hills began as a Kansas birthday party on the beautiful prairie. Today it welcomes more than 7,000 attendees to take part in a grand symphonic tribute to our land, extolling history, art and music.

Liberty Hall – Lawrence

Liberty Hall as we know it today has hosted a variety of live events ranging from Willie Nelson to Wu Tang Clan, in an intimate setting with a state-of-the-art concert hall sound system. Liberty Hall has been voted [Lawrence's Best Music Venue](#) for three years straight.

A full list of art, history and specialty museums can be found by visiting travelks.com.





MUSEUMS

Kansas has a rich history from its rough and rowdy saloon days of the Old West, sparking the flames of the Civil War and marking the entrance of the Civil Rights movement with Brown vs. Board of Education. History happens here.

Cosmosphere International Science Education Center & Space Museum – Hutchinson

The Cosmosphere features the largest combined collection of U.S. and Russian space artifacts in the world! Visitors can see rocket science brought to life with a bang in Dr. Goddard's Lab, watch large-format films in the Carey Digital Dome Theater and fly through the universe in the Justice Planetarium.

Brown Vs. Board of Education Museum - Topeka

The story of Brown v. Board of Education, which ended legal segregation in public schools, is one of hope and courage. When the people agreed to be plaintiffs in the case, they never knew they would change history. Gain an understanding and appreciation of the role this 1954 Supreme Court decision played in the Civil Rights Movement.

Museum at Prairiefire – Overland Park

The Museum offers meaningful learning and engagement with science, culture, art and natural history. As well as hosting a variety of dynamic, authentic Natural History exhibitions each year, the Museum at Prairiefire offerings include regular events and programs such as Science Happy Hour, Cinema & Science, JAM Sessions and Little Explorers Club.

National Agricultural Center and Hall of Fame - Bonner Springs

The purpose of the National Agricultural Center and Hall of Fame is to educate society on the historical and present

value of American agriculture and to honor leadership in agribusiness and academia by providing education, information, experience and recognition.

Robert J. Dole Institute of Politics - Lawrence

The Robert J. Dole Institute of Politics celebrates public service and promotes civil discourse and the legacy of Senator Bob Dole by providing public programming, research and educational opportunities, a museum gallery and other offerings. The museum gallery features include the world's largest stained-glass American flag, Kansas veterans WWII memory wall and World Trade Center beams. It is home to the Robert J. Dole Archive and Special Collections, with over 35 years of congressional papers, as well as objects and materials from the Senator's entire life.

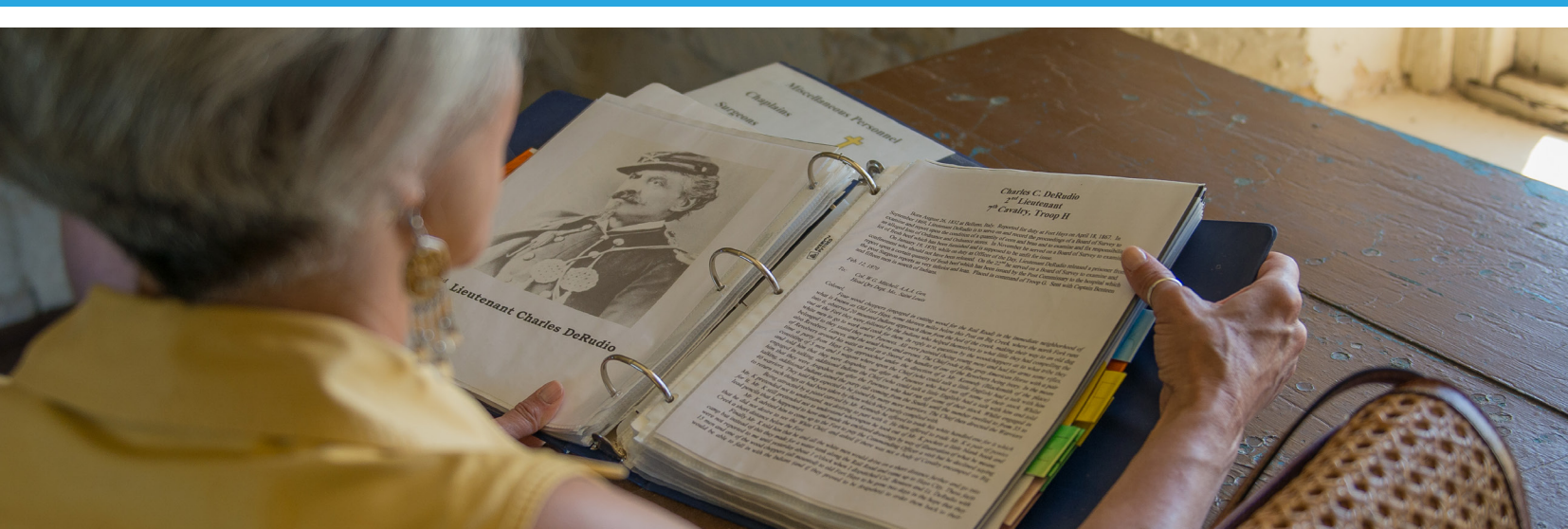
Strawberry Hill Ethnic Museum & Cultural Center – Kansas City, Kansas

The Strawberry Hill Museum and Cultural Center, an original Queen Anne-style home built in 1887, preserves the diverse ethnic cultures that immigrants from Eastern Europe brought to the city in the early 1900s.

Wichita Art Museum – Wichita

Kansas' largest art museum has a fine collection of American art, including pieces by Mary Cassatt, Edward Hopper and Thomas Eakins. Visitors also love the museum's colorful glass chandelier and sea-themed glass ceiling installation piece - both by Dale Chihuly.

Visit travelks.com for a full list of art, history and specialty museums.





KANSAS HISTORICAL SITES

Constitution Hall - LeCompton

A National Historic Landmark where a large antislavery delegation marched in 1857 to protest the proslavery constitutional convention meeting.

Cottonwood Ranch - Studley

A once-prosperous rural sheep ranch that is relatively unchanged from its 19th-century beginnings, includes unique stone structures and a large photography collection.

First Territorial Capitol - Fort Riley

Location of the four day-meeting in 1855 between Governor Andrew Reeder and the territorial legislature, whose actions there would help lead to the Civil War.

Fort Hays - Hays

A historic fort established in 1865 in the land of the Cheyenne and Arapaho that hosted General George A. Custer, Buffalo Bill Cody, Wild Bill Hickock and the Buffalo Soldiers.

Goodnow House - Manhattan

The unique stone farmhouse home of the freestaters who founded Manhattan, the Kansas State Teachers Association and what would become Kansas State University.

Grinter Place - Kansas City

A frontier trading post and ferry site that offers glimpses into history through the beautiful homestead of Annie and Moses Grinter.

Hollenberg Pony Express Station - Hanover

Historic stop of pony express riders and hundreds of pioneers along the Oregon-California Trail that provides a glimpse into pioneer life on the prairie.

Iowa and Sac & Fox Mission - Highland

Site built as a Presbyterian mission to educate the children of the Iowa and Sac & Fox tribes from 1845 to 1863.

John Brown Museum - Osawatomie

The Adair cabin and station on the Underground Railroad that John Brown used as his headquarters during the “Bleeding Kansas” years.

Kaw Mission - Council Grove

The home and school of 30 Kaw boys from 1851 to 1854, along the Santa Fe Trail not long before the government removed them to Indian Territory (now Oklahoma).

Marais Des Cygnes Massacre Site - near Trading Post

Site of a massacre of five free-state men in a ravine that followed earlier guerilla warfare activities, a pivotal event in the “Bleeding Kansas” era.

Mine Creek Civil War Battlefield - Pleasanton

Battle site where approximately 2,500 Union troops defeated approximately 7,000 Confederates in one of the Civil War’s largest cavalry battles.

Pawnee Indian Museum - Republic

One of the only museums on the Central Plains that tells the story of an indigenous tribe, including archeology findings that uncovered half of a late-1700s village.

Pawnee Rock - Pawnee Rock

A sandstone citadel marking the Santa Fe Trail’s halfway point, which American Indians were said to have used as a vantage point to spot bison herds and wagon trails.

Red Rocks, William Allen White’s House - Emporia

Home of the Pulitzer-prize-winning editor of The Emporia Gazette, who is considered by many to be greatest journalist in American history.

Shawnee Indian Mission - Fairway

A manual training school for boys and girls from Shawnee, Delaware, and other Indian nations from 1839 to 1862. A 12-acre National Historic Landmark.



CULINARY EXPERIENCES

From world-class dining experiences to the local coffee shop favorite, Kansas has every foodie experience possible.

Farm to table

Kansas offers many opportunities to get fresh food. You-pick orchards, fresh garden vegetables and farmers markets are a few places to find locally-sourced food.

Farmers markets

All 105 counties in Kansas host at least one farmers market per week during the April to October growing season. Kansas City and Topeka hold the most,

with four in each city.

Food trucks

The latest craze in the food industry, street food is sweeping across the plains. Kansans love their food trucks, and the culture surrounding this movement is growing and is celebrated in big ways. You can find a full listing of food trucks throughout Kansas by visiting travelks.com/restaurants/food-trucks.



WINERIES AND VINEYARDS

Mabel's Homestead Vineyards - Arkansas City, KS
Haven Pointe Winery - Baldwin, KS
Holy-Field Vineyard & Winery - Basehor, KS
Bourgmont Winery - Bucyrus, KS
Choteau Creek Winery - Cherryvale, KS
Tierra Del Sol Vineyards - Cimarron, KS
White Tail Run Winery - Edgerton, KS
Twin Rivers Winery and Gourmet Shoppe - Emporia, KS
Davenport Orchards & Winery - Eudora, KS
Bluejacket Crossing Vineyard & Winery - Eudora, KS
Vinedo Del Alamo - Fort Scott, KS
Vogel Family Vineyards - Galena, KS
Resurrection Vineyard - Hays, KS
Wahlmeier Farms Vineyard - Jennings, KS
Rowe Ridge Vineyard & Winery - Kansas City, KS
Blue Dog Wine Co - LaCygne, KS
Isinglass Estate Winery - LaCygne, KS
Crescent Moon Winery - Lawrence, KS
Trivedi Wine - Lawrence, KS
Irvine's Just Beyond Paradise - Lawrence, KS
Kugler's Vineyard - Lawrence, KS
Z&M Twisted Vines Wines and Winery - Leavenworth, KS
Empty Nesters - Lecompton, KS
Louisburg Cider Mill - Louisburg, KS
Middle Creek Winery - Louisburg, KS
Liquid Art Winery and Estate - Manhattan, KS
Jefferson Hill Farm and Winery - McLouth, KS
KC Wine Co - Olathe, KS
Black Labs - Olathe, KS
Stone Pillar Vineyard & Winery - Olathe, KS
Aubrey Vineyards - Overland Park, KS
Crooked Post Winery - Ozawkie, KS
Fossil Springs - Paola, KS
NightHawk Vineyard & Winery - Paola, KS
Somerset Ridge Vineyard & Winery - Paola, KS
Flustered Blonde Vineyard and Winery - Parsons, KS
Rosewood Winery - Pawnee Rock, KS
Prairie Fire Winery - Paxico, KS
Wyldeewood Cellars - Peck, KS
Meadowlark Farm Orchard and Cidery - Rose Hill, KS
Smoky Hill Vineyards & Winery - Salina, KS
Serendipity Farm and Vine - Stilwell, KS
Windswept Winery - Udall, KS
Glaciers Edge Winery & Vineyard - Wakarusa, KS
Shiloh Vineyard - WaKeeney, KS
Bodine Wine Company - Wamego, KS
Oz Winery - Wamego, KS
Zydeco Meadery - Wamego, KS
Highland Vineyards and Winery - Wamego, KS
Red Rock Hill Vineyards - Wamego, KS
Grace Hill Winery - Whitewater, KS
White Crow Cider Company - Wichita, KS
Jenny Dawn Cellars - Wichita, KS
Simply Sangria - Wichita, KS
Pome on the Range Orchard and Winery - Williamsburg, KS
Wheat State Wine Co. - Winfield, KS

DISTILLERIES

Cider Still House - Baldwin City, KS
Boot Hill Distillery - Dodge City, KS
Trolley House Distillery - Emporia, KS
Ornery Brother Distilling - Kinsley, KS
Union Horse Distilling Co. - Lenexa, KS
Smoky Valley Distillery - Marquette, KS
Buck-U Distillery - Ottawa, KS
T & K Industries - Parsons, KS
Bull Creek Distillery - Spring Hill, KS
Stranger Bottoms Distillery - Tonganoxie, KS
Wheat State Distilling - Wichita, KS

INTERNATIONAL CUISINE

Kansas is proud to bring the culinary world to your taste buds. Below is just a sampling of the large variety of cuisine you can find across the state.

The Swedish Crown Restaurant – Lindsborg

The Swedish Crown focuses on bringing a “taste of Sweden” to Lindsborg, KS, where residents and visitors enjoy quality food in a unique atmosphere. The menu focuses on a balance of Swedish flavor with American classics.

Café Provence – Prairie Village

Family owned and operated by the Quillec family for nearly 20 years, Café Provence has been honored as one of the Top 100 Restaurants in the U.S., Top 10 French Restaurants in the U.S., and Best Restaurant in Kansas City.

Chu My’s Kitchen – Dodge City

Authentic Vietnamese restaurant serves noodle bowls, rice bowls, bahn mi, pho and much more.

Bella Luna Café – Wichita

Voted for having Wichita’s best Hummus and best Mediterranean food eight years in a row, Bella Luna offers those options plus salads, sandwiches and steak.

El Bonito Michoacan – Kansas City, KS

El Bonito Michoacan is a grocery store/bakery/taqueria featuring authentic Mexican food. Here you’ll find the tastiest and freshest tacos with a variety of meat and sides. Popular taco choices include carne asada, tongue, cheek, chorizo and pastor.

Strawberry Hill Povitica Company – Merriam

Since 1903, Strawberry Hill has been offering handmade and hand-rolled povitica with a choice of delectable fillings, from Traditional English Walnut to White Chocolate Cherry.



JAMES BEARD-NOMINATED RESTAURANTS

1900 Barker - Lawrence

Outstanding Baker Semifinalist, 2019

Rye - Leawood

Outstanding Pastry Chef Semifinalist, 2008, 2017, 2018 and 2019

The Restaurant at 1900 - Mission Woods

Best Chef, Midwest Semifinalist, 2019

KANSAS RESTAURANTS FEATURED ON DINERS, DRIVE-INS AND DIVES

Brint's Diner - Wichita

American breakfast

Café on the Route - Baxter Springs

Fresh prepared American food

BBQ Shack - Paola

BBQ food truck

Bobo's Drive In - Topeka

Spanish hamburgers, onion rings, milkshakes

RJ's Bob-Be-Que Shack - Mission

BBQ

Johnny's Bar-B-Q - Mission

In-house BBQ sauces to go with your BBQ

Woodyard Bar-B-Que - Kansas City, KS

Ribs featured

UNIQUE EATS IN KANSAS

Prairie Nut Hut - Altoona

Rocky Mountain Oysters

Renaissance Café - Assaria

Italian Restaurant located in old high school gym

Fritz's Railroad Restaurant - Kansas City, KS

Meal delivered via a small train

Stroud's Restaurant & Bar - Wichita

Fried chicken; restaurant was once part of a working ranch

Mad Jack's Fresh Fish - Kansas City, KS

Fresh seafood to cook at home, or shellfish feast.

Hillsdale Bank Bar-B-Q - Hillsdale

BBQ, restaurant located in old bank.

Broadmoor Bistro - Overland Park

Gourmet meal crafted by the culinary students from the Broadmoor Technical College

Sommerset Hall Café - Dover

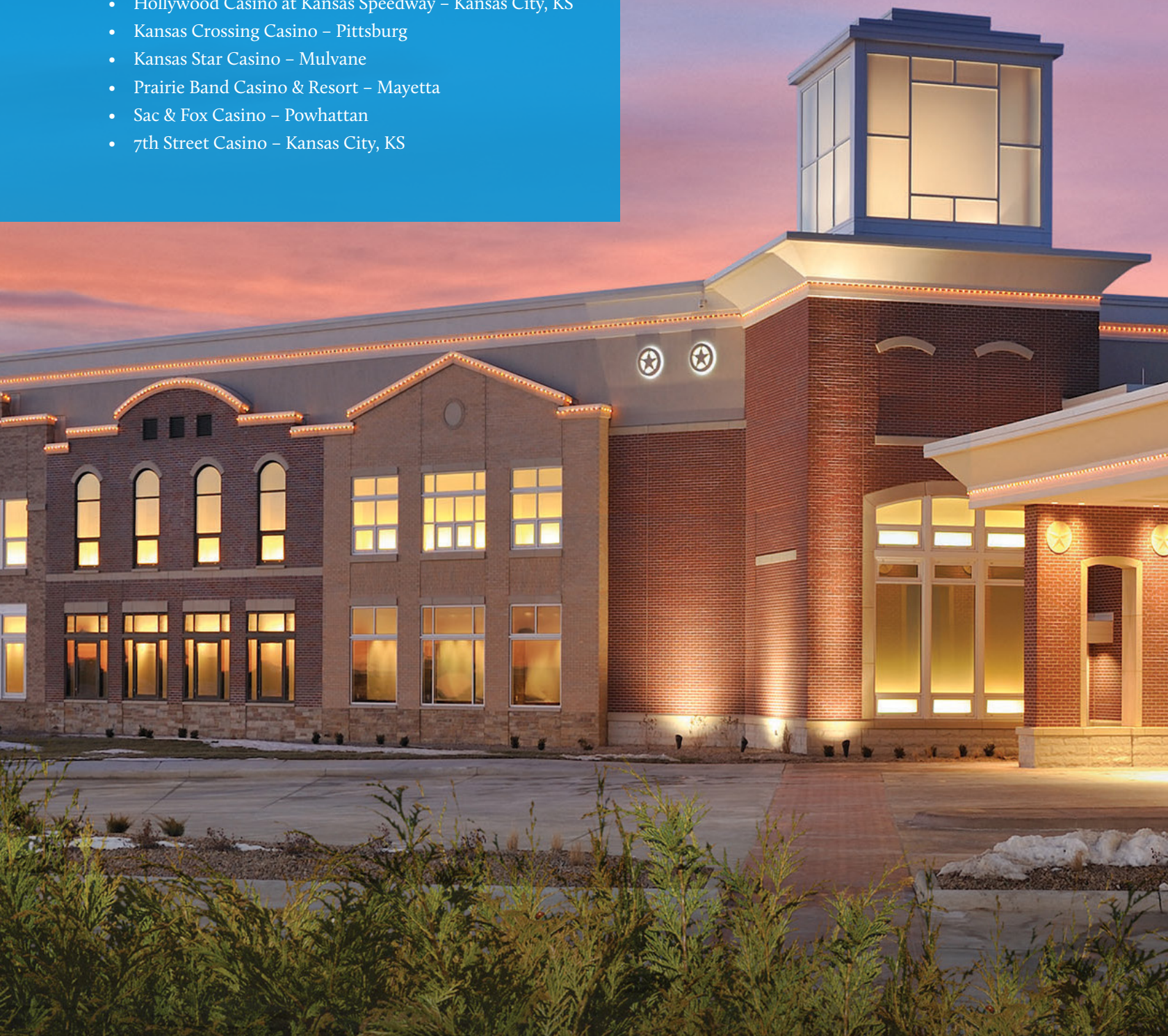
Once a general store, it is now home to the greatest desserts west of the Mississippi.



CASINOS

Lady luck is always on our side in Kansas! If you are looking for a spot to give that one-armed bandit a spin, then you can bet we have just what you are looking for.

- Boot Hill Casino & Resort – Dodge City
- Casino White Cloud – White Cloud
- Golden Eagle Casino – Horton
- Hollywood Casino at Kansas Speedway – Kansas City, KS
- Kansas Crossing Casino – Pittsburg
- Kansas Star Casino – Mulvane
- Prairie Band Casino & Resort – Mayetta
- Sac & Fox Casino – Powhattan
- 7th Street Casino – Kansas City, KS





SPORTS

Kansas has sports and activities for everyone; buckle up and prepare for sporting action and entertainment!

Sporting Kansas City

Soccer occupies a special role in Kansas City, Kansas, the Soccer Capital of America. Sporting Kansas City, the 2014 Major League Soccer champion, plays before sellout crowds in one of the best soccer stadiums in the country. Nearby, a state-of-the-art training center is being constructed and will host the U.S. National Teams at all levels. That training facility and Johnson County's outstanding youth soccer facilities will help make Kansas a hub for youth soccer development.

College Sports

Kansas has three Division I colleges and five Division II. The University of Kansas men's basketball program has won three NCAA Division I championships. The Wichita State University men's baseball team is college baseball's highest winning team for the past 31 years, with numerous conference championships and NCAA tournament appearances. In 2012–2013, Kansas State University became the second Big 12 school to win conference titles in football, men's basketball, and baseball in the same school year.

Baseball

The Wichita Wind Surge is an American Minor League Baseball (MiLB) team of the Pacific Coast League (PCL) and the Triple-A affiliate of the Miami Marlins. The team is at home in the brand new Riverfront Stadium completed in 2020.





Hockey

The Wichita Thunder is a minor-league ECHL team that has been playing at INTRUST Bank Arena since 2010. The Thunder has won three championship titles and has ranked in the Top 3 in the league 12 times since 1992. As of 2017, the team has signed a contract with the Edmonton Oilers (NHL) and Bakersfield Condors (AHL). The Wichita Thunder hockey season runs October through March at INTRUST Bank Arena.

NASCAR

Kansas Speedway is a 1.5-mile tri-oval racetrack in Kansas City, Kansas. It was built in 2001 and currently hosts two annual NASCAR race weekends.

Hunting

Kansas is a state that has grown accustomed to being near the top of any “best whitetail deer destinations” list, and for good reason. In the past 10 years, Kansas has ranked eighth in Boone and Crockett entries.

Fishing

Kansas bass fishing is on the map. La Cygne Reservoir, the 2,600-acre lake in Linn County, is listed among the Top 10 bass lakes of the Midwest by Bassmaster Magazine.

Biking

The Dirty Kanza is a group of gravel bicycle races covering various distances and is held annually during the late Spring in the Flint Hills region near Emporia. Race organizers refer to it as the “World’s Premiere Gravel Grinder.” Founded in 2006, the event has grown from 34 participants to more than 3,400 registered riders.

Golf

Kansas is home to two world-class golf courses. Prairie Dunes in Hutchinson has been ranked No. 31 for Top 100 Courses in the World by Golf Magazine and No. 27 by Golf Digest for America’s 100 Greatest Courses. Flint Hills National in Andover made Golf Digest’s list of America’s Greatest Courses, coming in at 113th. Not to mention our KU alma mater and successful golf pro, Gary Woodland.



FESTIVALS

Kansas offers a wide variety of festivals throughout the year all across the state, from rock, jazz, hip-hop, polka, Native American music, cowboy culture and every type of entertainment you can imagine. Many of these festivals also include dancing, arts, crafts, films and other performances.

- Country Stampede packs three days and three stages with dozens of acts – from the biggest names in Country to today’s freshest new songwriters. (Location: Heartland Racetrack - Topeka)
- The finest bluegrass musicians in the world come to Kansas every September for the National Flat-Picking Championships at the Walnut Valley Festival. (Location: Winfield)
- The annual Symphony in the Flint Hills is truly a one-of-a-kind experience, blending the grandeur of symphonic music with the beauty of Kansas’ iconic Flint Hills prairie. (Location: Changes yearly throughout the Flint Hills)
- Lawrence Busker Festival is a three-day extravaganza of quirky street performers and more than a dozen talented musical acts from near and far. (Location: Lawrence)

Visit travelks.com/events/festivals for a full list of festivals and events in the state.





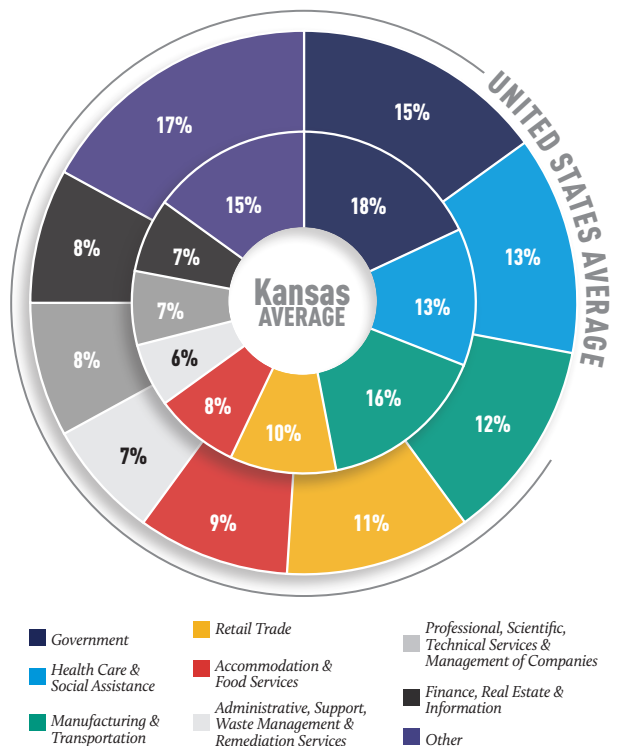
Economy

AN ECONOMY POISED FOR GROWTH

Kansas' economy is diverse, and we are home to some impressive hubs. Known as the Air Capital of the World, Wichita is home to major aviation players Spirit AeroSystems and Textron Aviation, and Logistics Park Kansas City is a heartland hub with global reach. In addition, the Animal Health Corridor stretches from Kansas City to Manhattan, and our agricultural prowess is on full display across the state. No one industry accounts for more than 18% of employment.

The Kansas economy has expanded from its original base in agribusiness to one with a diverse mix of growing industries. Major companies continue to choose Kansas as their preferred place to do business or expand.

Diversification of Kansas Economy by Employment - 2020





**KANSAS TAKES TOP RANK TO RECEIVE
AREA DEVELOPMENT'S 2021 GOLD SHOVEL**



Kansas State University Ranks

- #1 HAPPIEST STUDENTS**
- #3 BEST HEALTH SERVICES**
- #3 BEST QUALITY OF LIFE**

Princeton Review - Best 385 Colleges



Kansas ranks #9 nationwide

**FOR MOST COMPETITIVE BUSINESS
ENVIRONMENT FOR THE MANUFACTURING
OF MAJOR AEROSPACE PLATFORMS**

ACE Study, Teal Group 2019



* Kansas Ranks 3rd *

**IN HIGHWAY PERFORMANCE
AND COST EFFECTIVENESS**

2020 Reason Foundation's
Annual Highway Report



Kansas achieves high rankings

**#7 INFRASTRUCTURE
#16 OPPORTUNITY**

U.S. News & World Report 2021



**CNBC RANKS KANSAS
#2 IN COST OF LIVING IN 2021**

Consistently receives high marks by CNBC for Cost of Doing Business

Kansas worker compensation rates rank at **6th lowest** in the U.S.

82,282
SQUARE
MILES



2,937,880
Population



66%
Labor Participation Rate
(3% higher than U.S. Average)



37.1
Median Age



21%
Gen Z Population



20%
Millennial Population



Active military bases in Kansas include **Fort Riley** (Army), **Fort Leavenworth** (Army) and **McConnell Air Force Base** hosting the 22nd Air Refueling Wing, 931st Air Refueling Wing Air Force Reserve and 184th Wing Air National Guard.

The Kansas National Guard, approximately **7,500 Guardsman** (Army and Air National Guard) serve the state of Kansas.

There are approximately **26,900 active duty** men and women, **8,300** contractors, **35,000** family members, **204,000** veterans and **25,000** retirees in the state of Kansas.

\$57,422
Median
Household
Income



\$151,900
Median
Housing
Cost



*Kansas ranks **#6** in the nation for **fastest work commutes.***





91%
High School Graduate or Higher



34%
College Degree or Higher



6 State Universities &
1 Municipal University



19
Community Colleges



7
Technical Schools

Kansas is among the top states for percent of adults with a college degree, with 34% of the population having a bachelor's degree or higher. More than 40% of adults 25 and over in Kansas have an associate college degree. In some areas, such as Johnson County in the Kansas City area, more than 50% of adults have a college degree.

Kansas consistently ranks in the **top third** in the U.S. for a **low cost of living**, at 2% below the national average.

Kansas is a **Right-to-Work** state. Our union membership is **8.7%**, well below the national average.

Kansas Ranks in the **Top 10** for cost of living.



Kansas has **no inventory or franchise tax**.

CNBC ranks Kansas **#3 for Infrastructure** factors such as pavement conditions, maintenance, bridge infrastructure and commute times.



GDP

Kansas consistently leads the agriculture industry in Gross Domestic Product (GDP) and GDP growth, but we have strong numbers in manufacturing, transportation and government sectors.

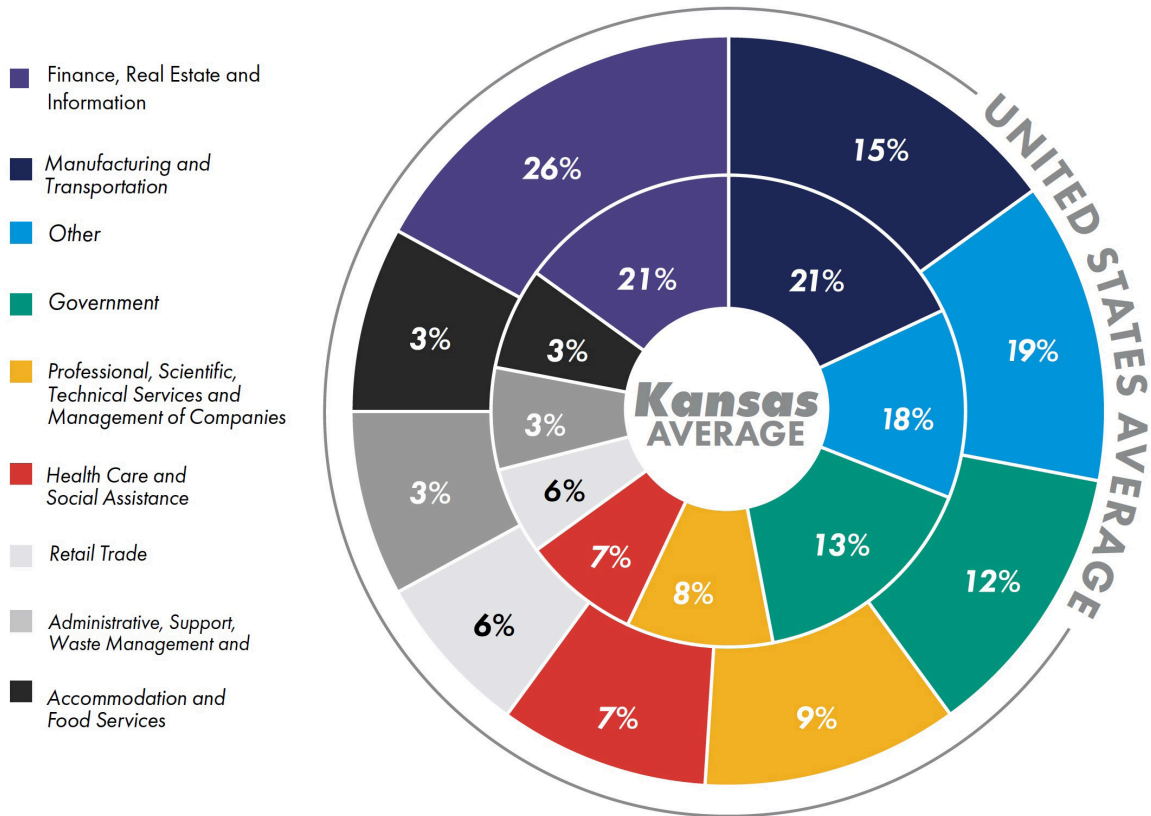


KANSAS GROSS DOMESTIC PRODUCT BY INDUSTRY 2014-2019

Industry	2014	2015	2016	2017	2018	2019
Agriculture, forestry, fishing and hunting	\$498,270	\$417,150	\$466,380	\$401,480	\$438,140	\$496,680
Mining, quarrying, and oil and gas extraction	\$233,100	\$121,180	\$86,700	\$98,510	\$102,710	\$93,830
Utilities	\$304,960	\$282,050	\$294,910	\$291,680	\$293,560	\$295,310
Construction	\$547,780	\$569,480	\$594,190	\$608,050	\$645,120	\$685,930
Manufacturing	\$2,184,930	\$2,359,530	\$2,407,440	\$2,538,110	\$2,769,870	\$2,744,830
Durable goods manufacturing	\$1,143,970	\$1,267,890	\$1,395,850	\$1,397,250	\$1,478,460	\$1,504,270
Nondurable goods manufacturing	\$1,040,950	\$1,091,650	\$1,011,590	\$1,140,850	\$1,291,410	\$1,240,560
Wholesale trade	\$1,057,800	\$1,054,590	\$1,045,860	\$1,083,550	\$1,131,900	\$1,141,330
Transportation and warehousing	\$556,740	\$596,300	\$605,700	\$668,390	\$677,300	\$717,470
Information	\$715,810	\$521,450	\$536,500	\$671,250	\$684,540	\$722,410
Finance, insurance, real estate, rental, and leasing	\$2,415,540	\$2,691,310	\$3,049,840	\$3,033,800	\$3,153,890	\$3,199,830
Real estate and rental and leasing	\$1,577,700	\$1,830,040	\$2,095,150	\$2,049,330	\$2,223,840	\$2,273,210
Professional, scientific, and technical services	\$773,830	\$852,140	\$893,380	\$905,400	\$940,230	\$964,480
Management of companies and enterprises	\$238,560	\$387,570	\$326,600	\$353,550	\$371,480	\$421,190
Administrative and support and waste management and remediation services	\$475,580	\$466,140	\$464,360	\$480,030	\$514,800	\$514,620
Educational services, health care, and social assistance	\$1,190,190	\$1,258,550	\$1,279,710	\$1,309,850	\$1,367,370	\$1,419,890
Arts, entertainment, recreation, accommodation, and food services	\$435,010	\$487,900	\$487,300	\$497,940	\$511,080	\$529,900
Other services (except government and government enterprises)	\$320,980	\$333,130	\$338,260	\$360,120	\$378,910	\$406,430
Government and government enterprises	\$2,040,920	\$2,056,600	\$2,070,440	\$2,115,260	\$2,191,350	\$2,265,600
Federal civilian	\$239,180	\$258,380	\$267,080	\$283,170	\$299,080	\$309,230
Military	\$309,230	\$303,970	\$284,210	\$281,120	\$282,750	\$287,730
State and local	\$1,492,500	\$1,494,250	\$1,519,160	\$1,550,970	\$1,609,530	\$1,668,640
Total	\$14,894,270	\$15,401,560	\$15,923,280	\$16,396,830	\$17,171,880	\$17,649,310

Source: U.S. Bureau of Economic Analysis, Regional Economic Accounts, https://www.bea.gov/iTable/index_regional.cfm (accessed September 15, 2021). Dollars in millions of current dollars. Data revised annually. With the exception of Manufacturing, only major industry subdivisions are shown. Data may not sum to totals due to rounding. * excludes Postal Service. Single dash (-) indicates not available.

Diversification of Economy % GDP by Industry - 2020



ECONOMIC INDICATORS							
	U.S. Average	KS	CA	OK	IL	MO	NY
Employment to Population Ratio, 2018	60.4	64.5	59.8	59.1	61.7	61.6	58.5
Unemployment Rate, 2018	3.9	3.4	4.2	3.4	4.3	3.2	4.1
Cost of Living Index, 2018	100.0	88.5	139.8	86.1	94.5	89.1	135.0
Per Capita Personal Income, 2018	54,446	51,471	63,557	46,233	56,839	47,746	68,668
State & Local Taxes as a Percentage of Income, 2016	9.9	9.5	10.6	8.2	10.8	8.5	14.7

Source: U.S. Department of Labor, Bureau of Labor Statistics, The Council for Community & Economic Research (C2ER); U.S. Department of Commerce, Bureau of Economic Analysis, Tax Policy Center

KANSAS LABOR SUMMARY						
	2014	2015	2016	2017	2018	2019
Labor Force Participation Rate	67.9	67.8	67	66.6	66.8	67.3
Employment-Population Ratio	65	65.1	64.3	64.3	64.6	65.2
Labor Force	1,494,280	1,497,255	1,485,099	1,478,871	1,487,403	1,501,433
Employment	1,430,176	1,438,196	1,426,125	1,427,761	1,437,993	1,454,675
Unemployment	64,104	59,059	58,974	51,110	49,410	46,758
Unemployment Rate %	4.3	3.9	4	3.5	3.3	3.1

Source: U.S. Census Bureau, Bureau of Labor Statistics - Accessed Sept. 2021



LARGEST PRIVATE SECTOR EMPLOYERS

Company	Location	Employees	Description
Spirit AeroSystems, Inc.*	Wichita	13,300	Aviation manufacturing
Textron Aviation*	Wichita	9,500	Aviation manufacturing
National Beef Packaging Co., LLC	Liberal/Dodge City/Kansas City, KS	6,400	Fresh & frozen meat processing
T-Mobile	Overland Park	5,800	Wireless network provider
Cargill Meat Solutions*	Wichita & Additional Kansas Worksites	5,000	Food, ag & industrial products
Amazon	Shawnee/Edgerton/ Kansas City, KS/ Lenexa/New Century/Wichita	4,934	E-commerce warehouse/ distribution
Tyson Fresh Meats	Holcomb/Emporia/ Hutchinson/Kansas City, KS	4,513	Fresh & frozen meat & poultry
Garmin International, Inc.*	Olathe/Lawrence/ New Century	4,000	Communication & navigation manufacturer
Koch Industries, Inc.*	Wichita	3,900	Multifaceted company engaged in chemicals, biofuels, consumer products, information systems & investments
BNSF Railway Company	Kansas City, KS/Edgerton	3,300	Railroad freight company
General Motors	Kansas City, KS	2,300	Automobile manufacturer
FedEx Freight	Edwardsville	2,200	Freight management company
Black & Veatch	Overland Park	2,053	Engineering, construction & consulting firm
Johnson Controls	Wichita/Lenexa	1,900	HVAC building automation & controls
Farmers Insurance	Olathe	1,733	Insurance & financial services
Bombardier Learjet*	Wichita	1,500	Aviation manufacturing
Kiewit Corporation	Lenexa	1,496	Engineering & construction services
Reser's Fine Foods, Inc.	Topeka	1,400	Prepared food manufacturing
Pfizer, Inc.	McPherson	1,400	Manufacturing sterile injectable medicines
AGCO Corporation	Hesston	1,200	Agricultural equipment manufacturer
Simmons Pet Food	Emporia	1,164	Manufacturer of wet & dry pet food & treats
Associated Wholesale Grocers*	Kansas City, KS	1,100	Logistics/distribution of food products
Hill's Pet Nutrition*	Topeka/Emporia	1,031	Pet food manufacturer
Landoll Corporation*	Marysville	900	Agriculture equipment manufacturing

* Indicates headquarters or regional headquarters presence in Kansas

Manufacturing

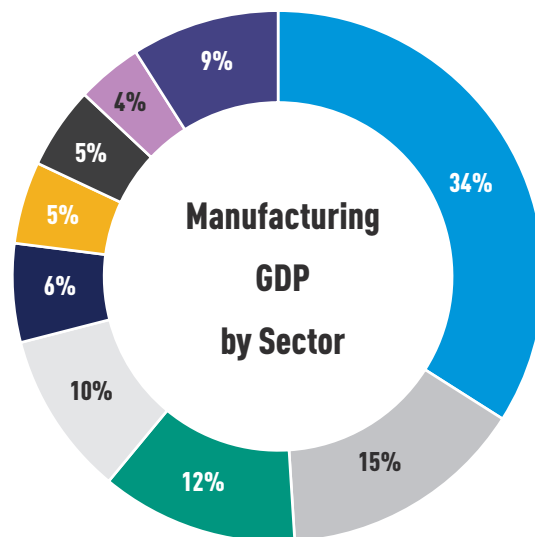
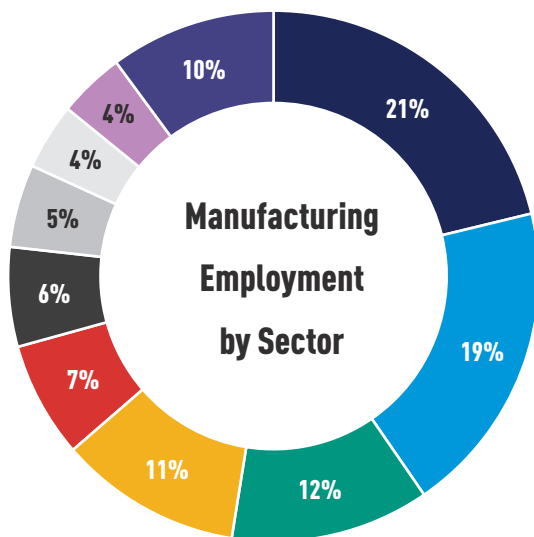
Manufacturing — especially advanced manufacturing in the aviation and aerospace industry— is an important driver in the Kansas economy. Manufacturing in Kansas makes up 16.3% of the Kansas GDP.

Kansas is home to approximately 2,538 manufacturing firms operating from 2,791 physical establishments throughout the state.

In addition, General Motors and its suppliers have a significant automotive presence in Kansas City, Kan., where GM manufactures Chevrolet and Cadillac products. Kansas is also a leader in the fast-growing area of composites and advanced materials, a sector in which we are already seeing cluster development in the Wichita and Kansas City areas.



- Kansas exported \$9.4 billion worth of manufactured goods to other countries in 2019.
- 81% of Kansas exports are manufactured goods.
- 165,708 - number of people employed in Manufacturing sector in Kansas. (US Census 2019)
- The Greater Wichita region ranks 1st in manufacturing jobs as a percentage of all jobs. (Source: Brookings Institution)
 - Wichita is the No. 1 U.S. city for manufacturing jobs, according to a study by Kempler Industries.
 - 17.3% of jobs in Wichita are based in the manufacturing sector, above the national average.



- | | | |
|---|--|---|
| ■ Food & Beverage Manufacturing | ■ Household & Store Product Manufacturing | ■ Computer & Electronic Product & Equipment Manufacturing |
| ■ Aviation Equipment Manufacturing | ■ Plastics & Rubber Products Manufacturing | ■ Automobile & Other Transportation Equipment Manufacturing |
| ■ Machinery Manufacturing | ■ Chemical Manufacturing | ■ Other |
| ■ Fabricated & Primary Metal Products Manufacturing | | |

NOTABLE ADVANCED MANUFACTURING EMPLOYERS

Company	Location	Description
AGCO Corporation	Hesston	Agricultural equipment manufacturing
Bombardier Learjet*	Wichita	Aviation manufacturing
Cargill Protein - North America*	Wichita	Food manufacturing
Garmin International, Inc.*	Olathe/Lawrence/ New Century	Communication & navigation equipment manufacturing
General Motors	Kansas City, KS	Automotive manufacturing
Hill's Pet Nutrition*	Topeka/Emporia	Pet food manufacturing
Johnson Controls	Wichita/Lenexa	HVAC building automation & controls
Landoll Corporation*	Marysville	Agriculture equipment manufacturing
National Beef Packing Co., LLC	Liberal/Dodge City/ Kansas City, KS	Fresh & frozen meat processing
Pfizer, Inc.	McPherson	Manufacturing sterile injectable medicines
Reser's Fine Foods, Inc.	Topeka	Food manufacturing
Simmons Pet Food	Emporia	Manufacturer of wet & dry pet food & treats
Spirit AeroSystems, Inc.*	Wichita	Aviation manufacturing
Textron Aviation*	Wichita	Aviation manufacturing
Tyson Fresh Meats	Holcomb/Emporia/ Hutchinson/ Kansas City, KS	Fresh & frozen meat & poultry processing

* Indicates headquarters or regional headquarters presence in Kansas



Aerospace

Kansas has a proud history as an aerospace manufacturing leader. Some of the industry's earliest pioneers, including Clyde Cessna, Walter and Olive Ann Beech, and Lloyd Stearman made Kansas their home. More than 106 years since the first plane was built in Kansas, the state remains a vibrant hub for aviation manufacturing. Manufacturers in the state leverage low operating costs, a skilled workforce and world-class research institutions to build some of the most iconic planes in the world.

Home to one of the five great aerospace clusters in the world, Kansas leads in aircraft design and manufacturing of general aviation aircraft, as well as major structures for commercial and defense aircraft. Over 34,000 people are employed in aerospace in Kansas, with highly skilled workers at Spirit AeroSystems, Textron Aviation, Bombardier Learjet, Airbus and over 450 aviation industry suppliers and service providers.

Kansas delivered 35 percent of all general aviation airplanes built in the United States and was responsible for 23 percent of global general aviation deliveries in 2019.

South Central Kansas, which includes Wichita, is known as the “most manufacturing-specialized” region in the United States, supplying 17.7% of regional jobs, 55% of which are engaged in making some of the world's most sophisticated aircraft. The national average of 8.7% is less than half that amount. With the nation's highest concentration of aerospace manufacturing employment, Wichita's metro area has a location quotient (local concentration vs. national concentration) of 15.14. In addition, Wichita's aviation companies host the third highest population of engineers per 1,000 in the nation.

Unique resources supporting the aviation sector in Kansas include:

- The National Institute for Aviation Research (NIAR) focuses on the development of new materials and techniques in the lab and expedites the transition of these technologies to the manufacturing process and final assembly.
- The National Center for Aviation Training (NCAT) is a world-class aviation manufacturing training center with capacity to accommodate over 1,500 students.
- Kansas State University's Polytechnic Campus offers both associate and bachelor's degrees in aviation maintenance and professional piloting and an associate degree in avionics. In addition, it has the second-ranked unmanned aircraft systems (UAS) program in the nation.

Aerospace Powerhouse - Aviation accounts for more than \$7 billion of Kansas GDP, or over 4 percent. This far surpasses the national average of 0.7 percent.

Export Leader - Kansas companies export \$2.3 billion in aerospace products annually. This is nearly 20 percent of the state's total exports.





NOTABLE AEROSPACE EMPLOYERS

Company	Location	Description
Atlas Aerospace, LLC	Wichita	Aerospace products & parts manufacturer
Bombardier Learjet*	Wichita	Aircraft manufacturer
Collins Aerospace	Lenexa	Aviation component part manufacturer
Garmin International, Inc.*	Olathe/Lawrence/ New Century	Communication & navigation equipment manufacturer
Honeywell International Inc	Olathe	Aerospace products & services
LTC (Leading Technology Composites)	Wichita	Aerospace products & parts manufacturer
Metal Finishing Co.	Wichita	Aerospace products & parts manufacturer
Spirit AeroSystems, Inc.*	Wichita	Aerostructures manufacturer
TECT Aerospace*	Wichita	Large-scale structural manufacturer
Textron Aviation*	Wichita	Aircraft manufacturer

* Indicates headquarters or regional headquarters presence in Kansas



BOMBARDIER



Collins Aerospace



Honeywell



Beechcraft



Hawker

TEXTRON AVIATION

Animal Health

Kansas is home to a large concentration of public and private entities in the animal health and nutrition sectors, including research and production of therapeutics, diagnostics, biologics and nutrition and feed products.

The state currently has more than 16,000 people employed in biosciences, building on our established and emerging strengths.

Kansas sits within the Kansas City Animal Health Corridor, the single largest concentration of animal health interests in the world. This region is home to more than 300 animal health companies, accounting for 56 percent of total worldwide animal health, diagnostics and pet food sales.





NOTABLE ANIMAL HEALTH EMPLOYERS

Company	Location	Description
Aratana Therapeutics	Leawood	Developing innovative patent-protected medicines for pets
Argenta Research, LLC	Lawrence	Contract development & manufacturing organization, dedicated to animal health
BIOMIN America, Inc.	Overland Park	Animal nutrition & feed additives
Central Biomedica, Inc.	Lenexa	Private label animal serum manufacturer
Ceva Animal Health, LLC/Ceva Biomune*	Lenexa	Produces veterinary vaccines & bacterins
Critech, Inc.	Lawrence	Research & develop production & application of fine-particle compounds
Elanco Animal Health	Shawnee/Overland Park/ Lenexa	Developing innovative patent-protected medicines for pets
Hill's Pet Nutrition, Inc.*	Topeka	Pet food manufacturing
IdentiGEN North America, Inc.	Lawrence	Provider of DNA-based solutions to the agri-food industry
Kindred Biosciences	Elwood	Veterinary biotech developing breakthrough therapies for our animal family members
Merck Animal Health	DeSoto	Vaccine production & research
MS Biotec	Wamego	Animal nutrition & feed additives
PBI/Gordon Corp.	Shawnee	Animal & pet product
Pulse NeedleFree Systems, Inc.	Lenexa	Manufacture needle-free injection devices for animals
Shor-Line	Kansas City, KS	Manufacture animal care products & animal control equipment
Veterinary Specialty Products	Shawnee	Veterinary surgical products
ZuPreem	Shawnee	Nutrition for exotic animals

* Indicates headquarters or regional headquarters presence in Kansas; Source: Kansas Department of Commerce, Kansas Department of Labor, Kansas Manufacturing Solutions



Bioscience

The biosciences have long been a strong field for Kansas. From the University of Kansas' nationally recognized drug discovery and development enterprise, to the state's historical agricultural leadership, to the selection of Kansas State University as home to the National Bio and Agro-Defense Facility, the bioscience industry is growing in Kansas. There is a reason bioscience companies are choosing to start, grow and expand in Kansas: *world-class assets and talent live here.*

Kansas is home to industry leaders and more than 16,000 people employed in the biosciences. In addition to our strong talent pool and renowned talent pipelines, we offer comprehensive support for world-class research, commercialization and business expansion.

AG & Bio-Based Products

Agriculture and agriculture-derived products will continue to play a key role in the state's economy. These industries have a global reach, too — Kansas' agricultural roots prime the state for advances in plant and animal health to help feed the world and support sustainability through innovative, renewable, bio-based products.

NOTABLE BIOSCIENCE EMPLOYERS		
Company	Location	Description
Artio Medical, Inc.	Fairway	Development & commercialization of medical devices
Attentive Science	Stillwell	Research services to pharmaceutical & biotechnology, medical device & agrochemical industry
B.F. Ascher & Co., Inc. Pharmaceuticals	Lenexa	Manufacturing & distribution of pharmaceutical products
Biomedical Devices of Kansas	Tonganoxie	Contract manufacturer of medical devices
Cingulate Therapeutics	Kansas City, KS	Clinical stage biopharmaceutical focused on ADHD
Clara Biotech	Lawrence	Contract research
Clinical Reference Laboratory	Lenexa	Clinical testing laboratories
EIR Pharmaceuticals	Olathe	Health, wellness & pharmaceutical product development
Elixell Therapeutics	Kansas City, KS	Clinical-stage biotechnology
Fagron Sterile Services	Wichita	Pharmaceutical preparation manufacturing
Innara Health	Olathe	Medical devices
KC Bio, LLC	Lenexa	Cell culture products
KCAS Bioanalytical & Biomarker Services	Shawnee	Contract research
MilliporeSigma	Lenexa	Manufacturing dry powder media
Pfizer, Inc.	McPherson	Manufacturing sterile injectable medicines
PRA Health Sciences	Lenexa	Clinical research
Sekisui Xenotech, LLC	Kansas City, KS	Contract research
The Great Plains Laboratory	Lenexa	Diagnostics for metabolic, mitochondrial, & environmental factors in chronic illnesses
Thermo Fisher Scientific Inc.	Lenexa	Life science research & manufacturing

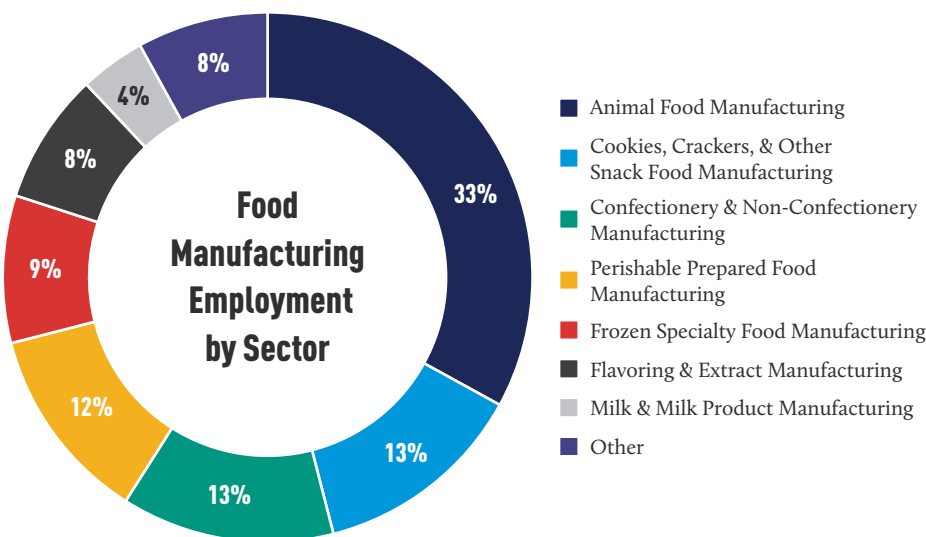
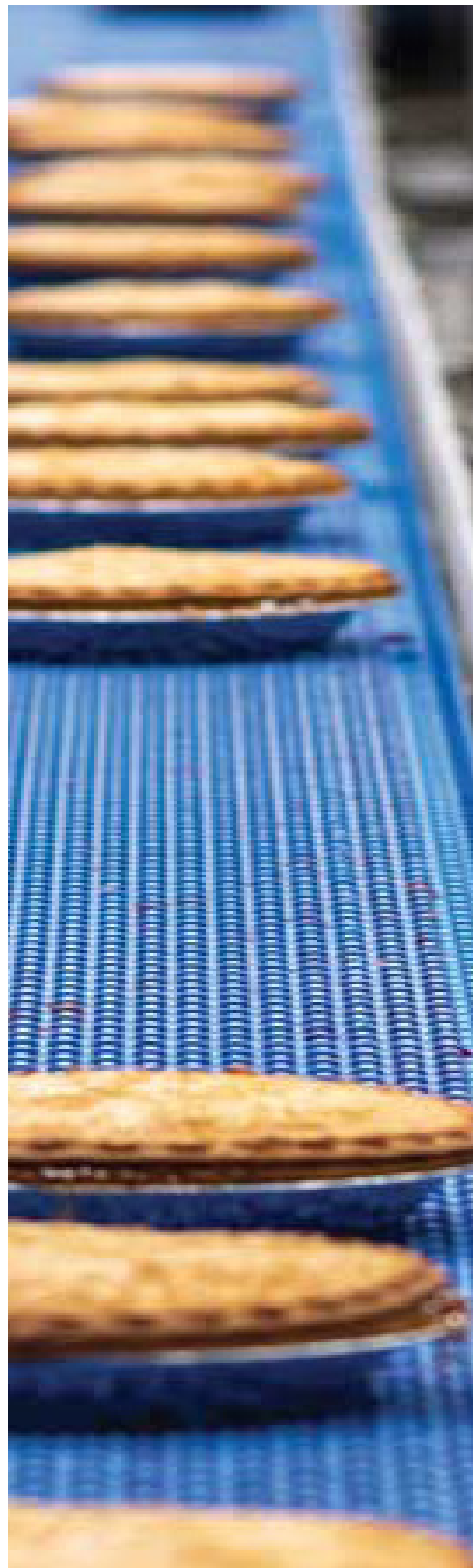


Food Processing

Kansas has always been well known for the state's robust agriculture and food industries. Commonly referred to as "The Breadbasket of the World," the Wheat State has earned its reputation by consistently ranking No. 1 in wheat production. In addition, we're one of the top producers of grain sorghum and serve as the home to an internationally renowned milling science program at Kansas State University. Kansas also ranks consistently in the Top 10 for producing beef, sunflowers, flour, hay, corn and soybeans, and is enjoying substantial growth in pork and dairy production.

Being a top producer of valuable commodities and raw materials naturally allows for Kansas' leadership in value-added food manufacturing, as well as a variety of finished foods and ingredients. Our food companies range from small, family-owned businesses to large, multi-national corporations — all of which have found the economic benefit from Kansas' world-renowned logistics and distribution infrastructure.

- Food manufacturing makes up 21% of the Kansas manufacturing industry and is the largest sector of manufacturing in Kansas.
- Pet food manufacturers located within the KC Animal Health Corridor represent 61% of the total pet food sold in the United States. *(KS Dept AG)*
- Ranked No. 1 producer in winter wheat in 2019. *(USDA 2020)*
- Ranked No. 3 in meat processing. *(USDA 2020)*
- Top 10 for producing beef, sunflowers, flour, hay, corn and soybeans. Growth in pork, beef and dairy. *(NASS USDA 2020)*
- Kansas State University offers the nation's only milling science and management bachelor's degree.





NOTABLE FOOD PROCESSING EMPLOYERS

Company	Location	Description
Cargill Dressings, Sauces & Oils North America	Wichita	Vegetable, soybean, corn, sunflower & palm oils
Cargill Protein*	Wichita/Dodge City	Meat processing
Corbion*	Lenexa	Food ingredient research & development
Creekstone Farms	Arkansas City	Meat processing
Dairy Farmers of America, Inc.*	Kansas City, KS	Dairy products & food ingredients, including cheese, butter & powdered, condensed & fluid milk
Dold Foods, Inc.	Wichita	Bacon processing
Frito-Lay North America, Inc.	Topeka	Snack food manufacturing
Hill's Pet Nutrition, Inc.*	Topeka	Corporate headquarters; pet food manufacturing
Hostess Brands, LLC*	Emporia/Lenexa/ Edgerton	Corporate headquarters; snack cakes & pastry manufacturing & distribution
Mars Wrigley Confectionery US, LLC	Topeka	Chocolate & confectionery manufacturing
MGP Ingredients, Inc.*	Atchinson	Bourbons, whiskeys, gins, vodkas & specialty wheat proteins & starches
National Beef Packing Co., LLC	Dodge City/Liberal	Meat processing & packing
Reser's Fine Foods, Inc.	Topeka	Prepared food manufacturing
Russell Stover Candies, Inc.	Abilene/Iola	Sugar & confectionery product manufacturing
Schwan's Company	Salina	Frozen pizzas
Simmons Pet Food	Emporia	Pet food
Smithfield Farmland Corp.	Wichita	Meat processing & packing
Smithfield Foods, Inc.	Junction City	Packaged meat production
SugarCreek Packing Co., Inc.	Frontenac	Raw & cooked bacon bits & strips for the retail & food service markets
Tyson Fresh Meats, Inc.	Holcomb/Emporia	Meat processing & packing poultry
Tyson Prepared Foods, Inc.	South Hutchinson	Pizza toppings & pork & meat processing & packing

* Indicates headquarters or regional headquarters presence in Kansas

Logistics & Distribution

Whether by highway, rail or air, Kansas offers excellent transportation and marketing advantages for your business. Because we're centrally located, and because we've focused on building and maintaining an outstanding multimodal infrastructure, it's easier and less expensive to ship to and from Kansas. We're home to numerous production facilities, warehouses and distribution centers that have found shipping raw materials and finished goods is more profitable when you're located in the nation's heartland.

- Kansas is two days or less from 85% of the U.S.
- CNBC ranks Kansas 3rd for Infrastructure and the Reason Foundation ranks us 6th in their Annual State Highway Report based on 11 factors such as pavement conditions, maintenance, bridge infrastructure and commute times.
- Kansas ranks 6th in the nation as the largest rail network
- Kansas has 142,200 public road miles

RAIL

Kansas is served by a comprehensive rail network comprised of 4,257 miles (over 6,851 km) of total track, the sixth largest network in the nation. Four Class I railroads operate in Kansas: BNSF Railway, Kansas City Southern Railway (KCS), Norfolk Southern Railway (NS) and the Union Pacific (UP) Railroad. In addition, 14 Class III, or local, terminal and switching railroads operate in Kansas.

Logistics Park Kansas City (LPKC) is a 3,000-acre inland distribution hub that includes a public-private partnership and intermodal facility. This master-planned distribution and warehouse development is located in Edgerton, Kansas — just southwest of downtown Kansas City.

HIGHWAY

Kansas' centralized location offers a tremendous competitive advantage in shipping to major North American markets. Our expansive network provides Kansas-based companies a safe and reliable route to major interstate highways that can connect them to 85 percent of the nation's population in under a two-day drive.

Some of the nation's leading trucking lines have major facilities in Kansas. Trucks can quickly and efficiently reach international ports on either coast, USMCA trade partners to the north and south and any markets that fall in-between.

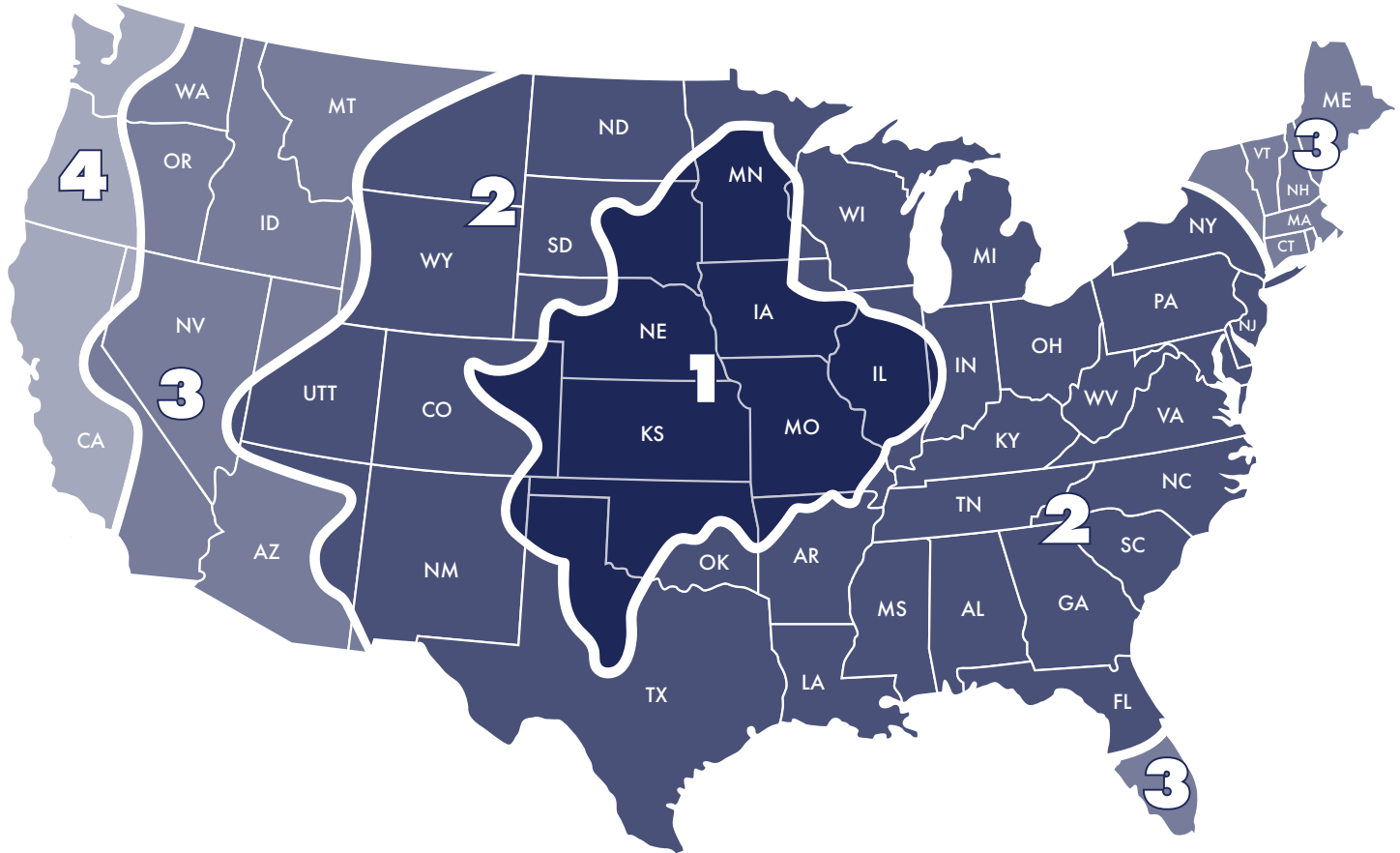
Major trade corridors with routes through Kansas include:

- I-70, spanning the country coast-to-coast from Utah to Maryland.
- I-135 and U.S. 81, establishing a route between Texas to North Dakota.
- I-29, creating a route from Kansas City to the United States/Canadian border.
- U.S. 400, providing access to I-35, I-135, U.S. 81 & I-44.
- U.S. 69, traversing from Minnesota to Texas.



KANSAS FREIGHT DELIVERY TIMES

85% of the United States can be reached in two days or less for freight delivery from the epicenter of Kansas. This includes all modes of freight transportation: highway, rail, air, water and pipeline.



ZONE 1

ZONE 2

ZONE 3

ZONE 4

MAJOR DELIVERY ZONE CITIES

ZONE 1 - OVERNIGHT (12 HRS)

<i>Chicago</i>	<i>Des Moines</i>
<i>Memphis</i>	<i>Minneapolis/St. Paul</i>
<i>Kansas City</i>	<i>Dallas/Fort Worth</i>
<i>Omaha</i>	<i>Indianapolis</i>
<i>Denver</i>	

ZONE 2 - NEXT DAY (16 HRS)

<i>Miami</i>	<i>Billings, MT</i>
<i>Boston</i>	<i>Montreal, PQ</i>
<i>Phoenix</i>	<i>Toronto, ON</i>

ZONE 3 - 2ND MORNING (24 HRS)

<i>New Orleans</i>	<i>Houston</i>
<i>Atlanta</i>	<i>Cincinnati</i>
<i>New York</i>	<i>Washington, D.C.</i>
<i>Salt Lake City</i>	<i>Baltimore</i>

ZONE 4 - 2ND DAY (30 HRS)

<i>Los Angeles</i>	<i>San Francisco</i>
<i>Seattle</i>	<i>Vancouver, BC</i>
<i>Portland</i>	

AIR CARGO

Within Kansas, Wichita's Dwight D. Eisenhower National Airport (ICT) handles substantial freight movements. At ICT, cargo carriers operate from a 65,000-square-yard air cargo apron for aircraft movement and parking. ICT has two dedicated all-cargo buildings for freight processing. Air-cargo providers include DHL, Federal Express Corp., United Parcel Service, UPS Supply Chain

Solutions, Empire Airlines and Integrated Airline Services. In addition, Southwest Airlines Cargo began offering air-cargo services in conjunction with Leadfoot Air Cargo in July 2016. ICT has highway access from Airport Cargo Drive to an interchange with US-54/400.

A variety of air cargo carriers service Kansas, and most commercial airlines also offer small package delivery services to businesses. Air cargo carriers include: Airborne Express, Air Cargo Carriers, Baron Aviation, BAX Global, Central Air Southwest, DHL Airways, EGL, Emery Worldwide, Federal Express, Kitty Hawk, Planemasters, United Parcel Service and United States Postal Service. There are also airports that accommodate private freight shipments.

Kansas City International Airport (MCI) offers direct access to our extensive highway system through state-of-the-art cargo handling facilities, permitting the easy transit of goods for our businesses to global markets. The Kansas City metro offers the confluence of four interstate highways, a national reputation as a major trucking center and the nation's second largest rail center.

WATERWAY

Kansas has access to 122 miles of the Missouri River along the northeast corner of the state. Kansas has a total of eight commercial terminals located near Atchison, Leavenworth, Lansing, White Cloud and Kansas City.

The Port of Kansas City – Woodswether Terminal – is located within one mile of downtown Kansas City and the interstate highway loop.

The Port of Catoosa, an inland seaport located near Tulsa, Okla., is approximately 50 miles from the Kansas border. The South Kansas and Oklahoma Railroad and the BNSF Railway provide direct rail access to the Port.





NOTABLE LOGISTICS & DISTRIBUTION EMPLOYERS

Company	Location	Description
Accelerate 360	Olathe	Retail product distribution
Aldi Inc.	Olathe	Food product distribution
Amazon	Shawnee/Edgerton/ Kansas City, KS/Lenexa/ New Century/ Wichita	E-commerce warehouse/distribution
American Eagle Outfitters	Ottawa	Apparel distribution
Associated Wholesale Grocers*	Kansas City, KS	Logistics/distribution of food products
Coleman	Edgerton	Camping equipment distribution
Excel Industries*	Edgerton	Mower distribution
Home Depot	Topeka	Hardware & home improvement goods distribution
Horizon Global	Edgerton	Towing & trailer distribution
Hostess*	Edgerton	Food product distribution
Cosmic Pet	Wichita	Pet products distribution
JCPenney	Lenexa	Apparel distribution
Jet.com	Edgerton	E-commerce distribution
Kubota Tractor Corporation	Edgerton	Lawn & garden equipment distribution
MWI Animal Health	Kansas City, KS	Veterinary supply distribution
Overstock.com	Kansas City, KS	E-commerce distribution
Regal Art & Gift	Olathe	Garden décor distribution
Spectrum Brands	Edgerton	Hardware & home improvement goods distribution
Target	Topeka	Retail goods distribution
Turn5	Lenexa	E-commerce automotive parts distribution
TVH Americas*	Olathe	Construction equipment distribution
Urban Outfitters, Inc.	Kansas City, KS	E-commerce distribution - apparel & home goods
Walmart	Ottawa/Topeka	Logistics & distribution

* Indicates headquarters or regional headquarters presence in Kansas



Professional Services

Kansas has emerged as a leader for professional service companies, including those involved in finance, accounting, information technology, engineering and architectural design. In fact, in recent years, we have seen unprecedented success for Kansas with service-related companies and corporate leaders such as Quest Analytics, CarMax and Navatek CFD Technologies, LLC, all selecting Kansas as a place to grow their operations.

It's no surprise that Kansas is at the top of the list. Ninety-one (91) percent of Kansas adults have a high school diploma, ranking Kansas No. 19 in the nation. Kansas is also among the top states for percent of adults with a college degree with 34% of the population having a bachelor's degree or higher. More than 40% of adults, 25 and over, in Kansas have an associate college degree. In some areas, such as Johnson County in the Kansas City area, over 50% of the adults have a college degree.



NOTABLE PROFESSIONAL SERVICES EMPLOYERS

Company	Location	Description
Black & Veatch*	Overland Park	Engineering services
CarMax Auto Superstores, Inc.	Olathe	Customer service center
Cboe Global Markets, Inc.	Lenexa	Trading & investment company
Creative Planning, Inc.	Overland Park	Financial services firm
Digital Evolution Group, LLC*	Overland Park	Full-service digital marketing agency
Farmers Insurance	Olathe	Insurance & financial services
Grant Thornton	Overland Park/Wichita	Audit, tax & advisory services
Hoefer Wysocki Architects, LLC	Leawood	Architecture, planning, & interior design firm
Hyland	Olathe	Information management software
Kiewit Corporation	Lenexa	Engineering & construction services
Navatek CFD Technologies, LLC	Wichita	Engineering services
Netsmart Technologies, Inc.*	Overland Park	Health care software company
Security Benefit	Topeka	Retirement solutions provider
SelectQuote Insurance Services	Overland Park	Exchange-based insurance agency
Starwood Hotels & Resorts	Wichita	Customer service center
Terracon*	Olathe	Environmental facilities, geotechnical, & materials consulting engineering services
Tortoise Capital Advisors, LLC*	Leawood	Wealth management company
U.S. Bank	Olathe	Data center
WellSky Corporation*	Overland Park	Health care software company
Zurich American Insurance Company	Overland Park	Risk management & commercial insurance

* Indicates headquarters or regional headquarters presence in Kansas



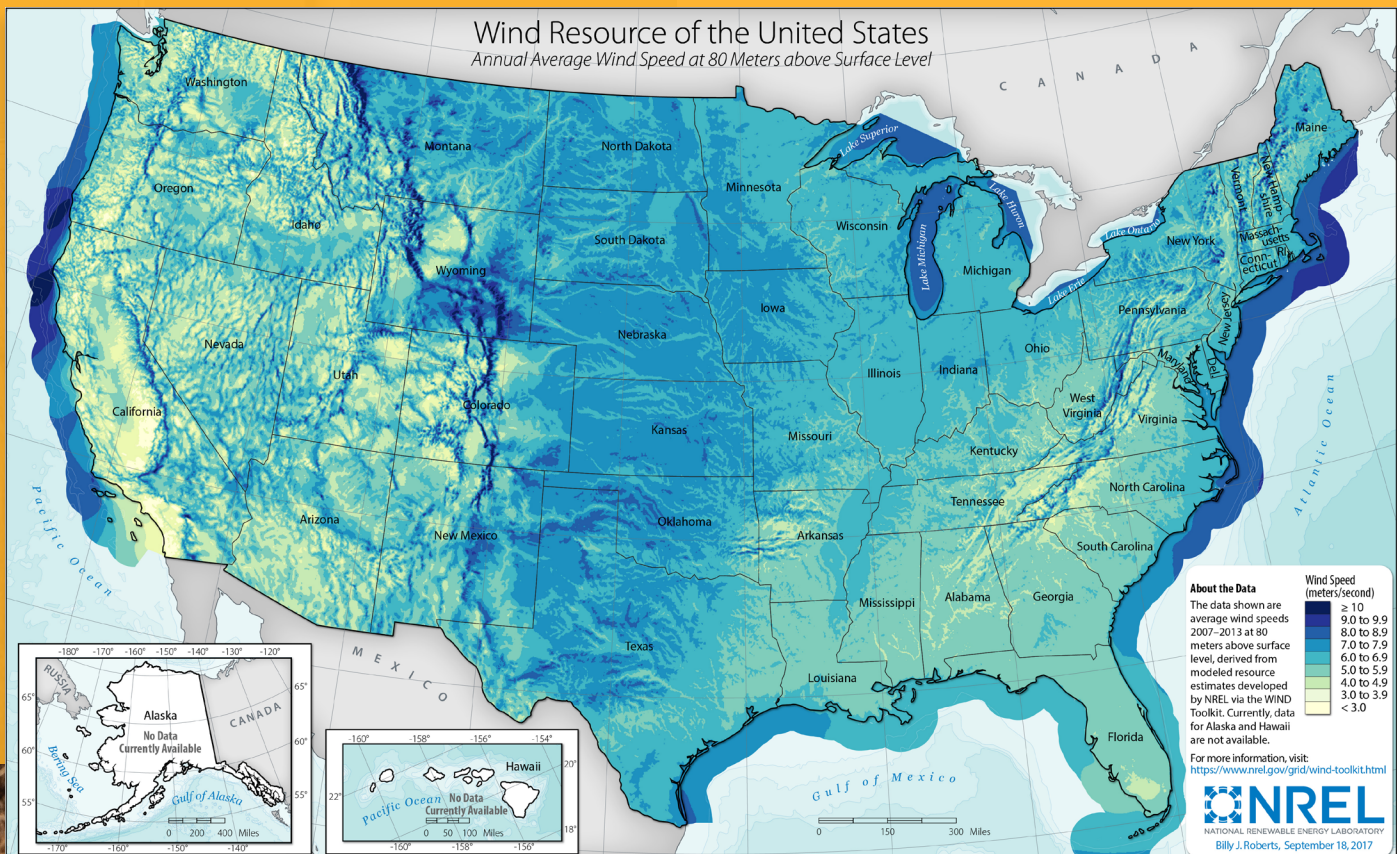
Renewable Energy

With an ever-increasing percentage of the state's energy coming from renewable sources, Kansas offers an immediate advantage to companies committed to meeting corporate sustainability goals.

In 2019, wind energy surpassed coal for the first time as the largest energy source for generating electricity in Kansas. Wind energy provided 41% of electricity generation in Kansas, the second-largest share for any state.

This static map illustrates multiyear average wind speeds at various heights derived from NREL's WIND Toolkit

Source: National Renewable Energy Lab (NREL)



WIND ENERGY

Located in the heart of the nation's Wind Corridor and ranked second in the nation for wind energy potential, Kansas wind generation has been skyrocketing. Kansas is committed to the growth of this industry through the development of additional wind farms and a strong supply chain.

Kansas is ranked No. 2 in wind potential and is among the top four states for operating wind farms, with over 6,000 MW of wind farms currently in operation representing capital investment of \$11.4 billion through 2019. Kansas wind is very cost effective due to high capacity factors and has therefore been attractive to out-of-state off-takers that are purchasing a significant percentage of the wind energy produced in Kansas. Corporate purchasers of Kansas wind include Google, Yahoo!, Microsoft, Target, T-Mobile, Brown-Forman, Kohler, Spirit AeroSystems, Textron Aviation and Royal Caribbean Cruise Lines. According to data in AWEA's 2019 Annual Wind Market Report, Kansas ranks in the top 5 in a number of categories:

- No. 2 - wind energy as a percent of total state generation - 43%
- No. 3 - corporate wind purchases - 1,303 MW
- No. 4 - cumulative wind energy installed capacity - 6,128 MW
- No. 4 - wind generation - 21.5 million MWh (enough to power 1.97 million homes)
- No. 5 - wind capacity additions in 2019 - 475 MW

Kansas is ideal for wind turbine component manufacturing, as well as service operations for maintenance of the thousands of wind turbines in and around the state. Our central location and outstanding transportation infrastructure provide convenient and economical access to the regions with the greatest wind energy activity.

Siemens Gamesa Renewable Energy chose Kansas for its North American wind turbine nacelle production facility, citing transportation advantages, pro-business climate and state and

local support. A Kansas location offers companies in the wind supply chain ideal access to the Siemens Gamesa nacelle plant and other manufacturers in the region.

Support for the wind industry can also be seen in our educational institutions. When Cloud County Community College started its wind energy technician program, it was one of just a handful nationally. The program offers a two-year Associate of Applied Science degree in Wind Energy, as well as a one-year certificate program. Colby Community College offers certificate programs in solar photovoltaic (PV) and wind technology. Hutchinson Community College has a Renewable Energy Technology certificate option through its Manufacturing Engineering Technician program.

SOLAR ENERGY

Kansas has a great solar rating and is seeing growth in this sector in residential/small commercial, as well as community solar and potential utility scale projects.

The state's strong workforce and customized training programs offer further advantages to solar equipment manufacturers and suppliers. Various educational institutions have created specialized solar programs.

Cloud County Community College's Renewable Energy Technology program offers solar energy technology training under its Renewable Energy field of study. The program is intended to train students to become solar project designers, installers and operation technicians. The program includes training on the college's new energy-generating Sun Power Solar Farm, which was designed and built by college Solar Energy students, providing them a unique, hands-on learning opportunity with the operational solar farm.

Johnson County Community College has a Solar Learning Lab and offers an Electrical Technology certificate program and an Associate of Applied Science degree that includes training for solar photovoltaic installers.

Renewable Fuels & Bioenergy

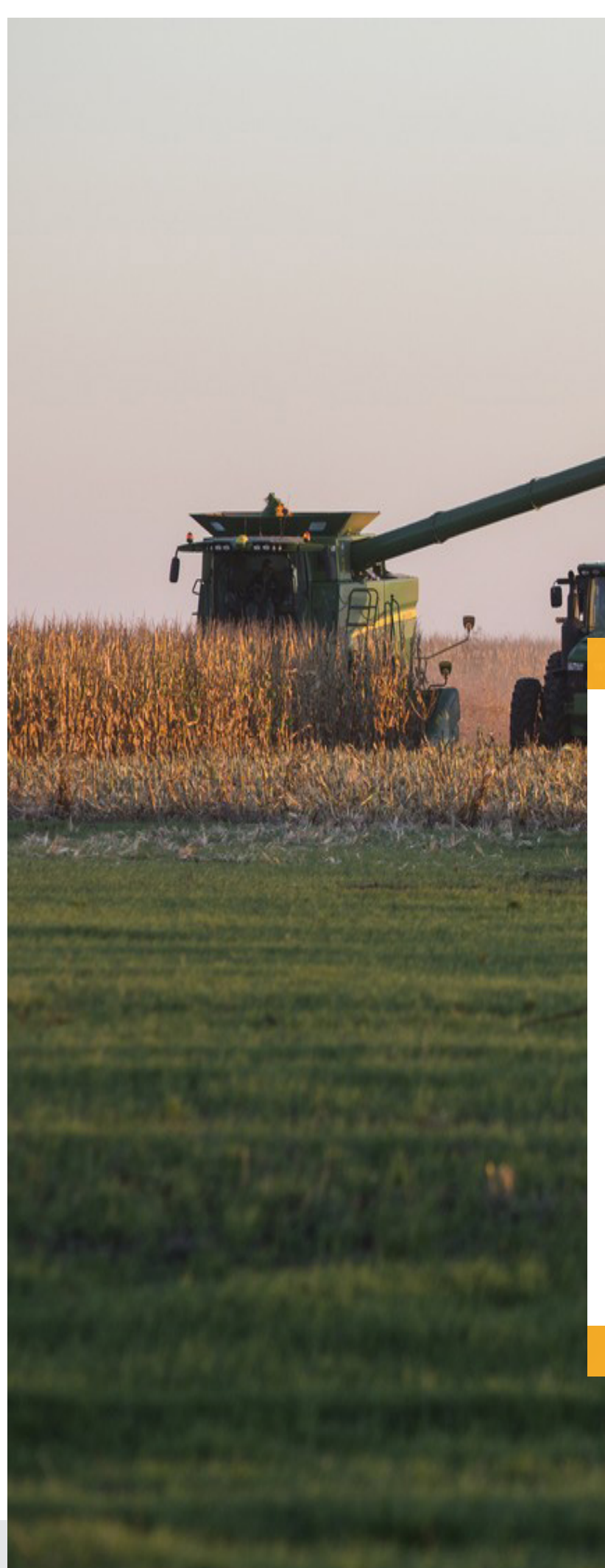
Kansas ranks among the top 10 states for biofuels, with companies benefiting from economical access to feedstock for bio-based fuels, as well as proximity to feedlots that serve as a market for the animal feed resulting from biofuel byproducts. With 3 million head of cattle on feed in southwest Kansas, biofuel plants can enjoy the cost savings of sending out wet distillers' grains to nearby feedlots.

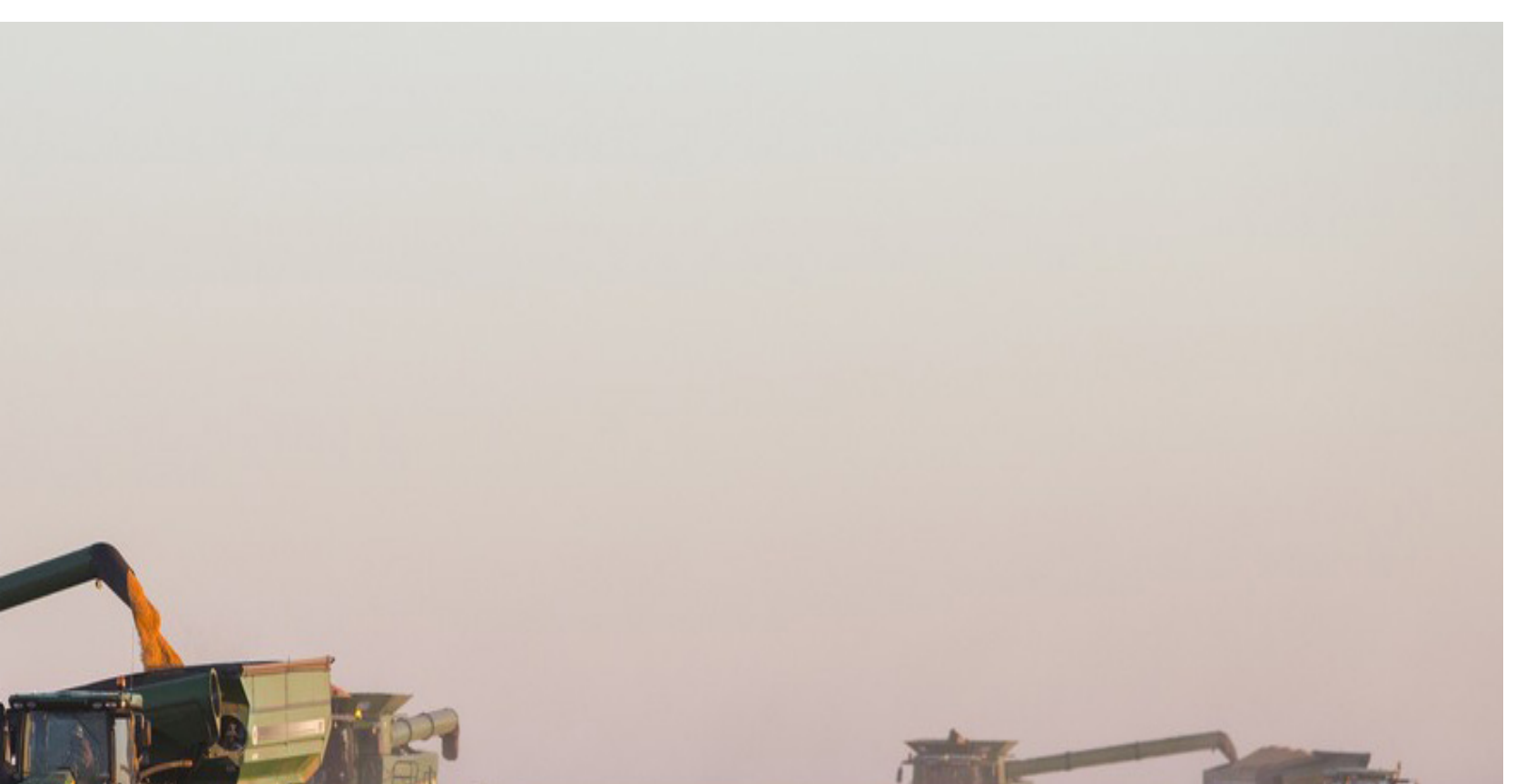
Kansas has 12 operating biofuel facilities with a combined permitted capacity exceeding 619 million gallons per year. Additional ethanol and biodiesel facilities are being developed.

Kansas is home to industry leader ICM, which has designed and built many of the nation's ethanol plants and was selected by the U.S. Department of Energy as one of four small-scale biorefinery companies to lead biomass-to-ethanol research efforts using innovative conversion technologies.

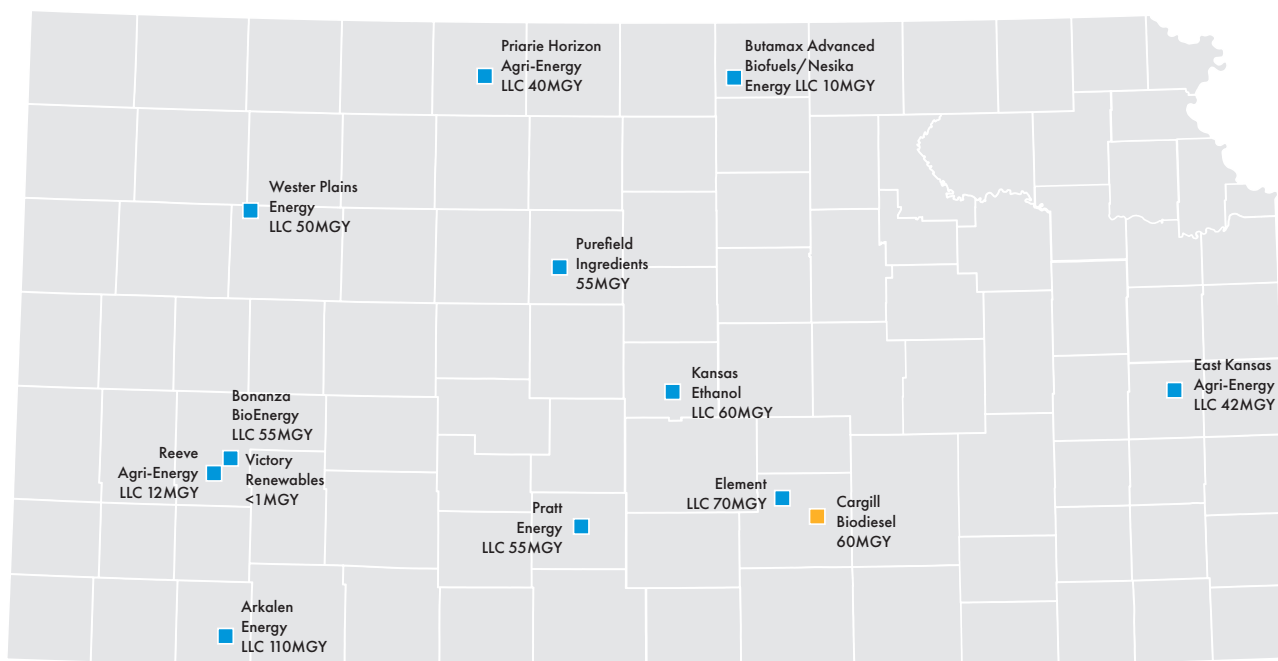
Work in the bioenergy sector focuses on creating fuel and chemicals out of biological material, often plant matter such as corn or switchgrass. Bioenergy products are easier on the environment and can help wean our nation from oil dependency. In this sector, Kansas hopes to develop the supply chain of feedstocks for bioenergy production and drive collaborations that will lead to new businesses and products. The Center for Environmentally Beneficial Catalysis at KU is also involved in research initiatives using alternative feedstocks for conversion into biofuels.

Kansas offers a diverse portfolio of financial incentives to Kansas businesses and producers engaged in conventional and renewable energy production. State tax credits are available for projects that convert waste heat or biomass to energy, or otherwise offset local power usage via renewable sources. Numerous development incentives, including sales tax exemptions, financial assistance for training and property tax exemptions are available to producers, retail dealers and individuals that utilize alternative energy sources.





2020 Ethanol & Biodiesel Facilities



MGY = Millions of gallons per year of permitted capacity. Capacities courtesy of Kansas Department of Health & Environment & the Kansas Department of Revenue.

 Biodiesel Facility Total MCY 60  Ethanol Facility Total MGY 559

International Trade and Investment

Kansas makes international trade and investment easy with two main services:

1. The export assistance and marketing team works directly with Kansas companies to increase sales of products and services in international markets.
2. The international recruitment team works to attract international businesses to the state.

The International Division uses worldwide marketing initiatives to enhance awareness of Kansas around the globe and help Kansas businesses reach the largest possible market.

These initiatives also promote the advantages of doing business in Kansas, in an effort to recruit international investment to the state.

Export Assistance

Assistance is provided to Kansas companies wishing to begin or expand their international marketing efforts. Department staff members counsel individual Kansas firms, provide export data and foreign market research, coordinate with domestic and foreign agencies in marketing promotions, participate in export seminars, recruit and assist company participation in international trade shows, host foreign delegations and distribute foreign trade leads to appropriate Kansas companies. The team also offers several export assistance grant programs, including the State Trade Expansion Program (STEP), Kansas International Trade Show Assistance Program (KITSAP) and Kansas Market Access Program (K-MAP).

International Investment Recruitment

The Department's international investment experts provide assistance to international companies or their consultants who are considering Kansas for new manufacturing, distribution or office facilities. Assistance includes information on location, developing incentive proposals, coordinating in-state site visits, serving as a liaison with other state agencies and serving as your single Kansas contact to ensure project confidentiality.

For more information, please see the International Division page at kansascommerce.gov/international.

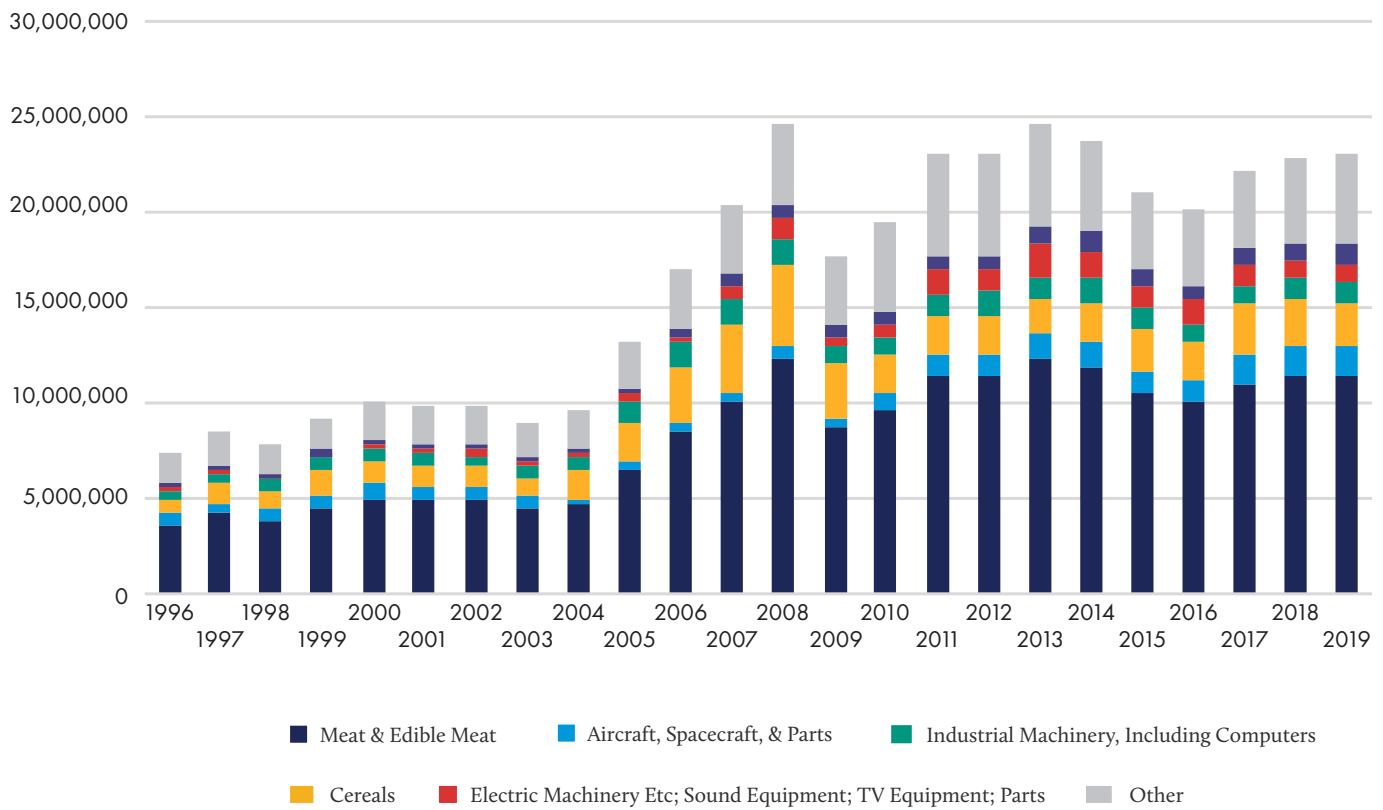


2019 KANSAS EXPORTS TOP TEN COMMODITY CLASSIFICATIONS

Commodity Classification	% of Total	% Change	Exports (Millions)		
	KS Exports	2018 - 2019	2019	2018	2017
Aircraft and Parts	19.78%	-2.95%	\$2,306	\$2,376	\$2,699
Meat and Edible Meat Offal	13.59%	-6.49%	\$1,584	\$1,693	\$1,440
Industrial Machinery	9.16%	-8.01%	\$1,068	\$1,161	\$1,029
Cereals	8.17%	10.68%	\$952	\$860	\$1,146
Electric Machinery	8.09%	10.64%	\$943	\$852	\$778
Special Classification Provisions	5.02%	-2.49%	\$585	\$600	\$408
Oil Seeds	4.93%	6.79%	\$575	\$539	\$439
Vehicles and Parts	3.53%	24.25%	\$411	\$331	\$284
Optic and Medical Instruments	2.64%	17.04%	\$308	\$263	\$244
Food Industry Residues & Waste	2.51%	7.03%	\$293	\$274	\$280
Top 10 Total	77.42%	0.84%	\$9,026	\$8,951	\$8,748
Total Kansas Exports		0.66%	\$11,659	\$11,582	\$11,244

Kansas Exports by Commodity

Total \$ Value



2019 KANSAS EXPORTS TOP TEN MARKETS					
Country (with 2018 rank)	% of Total	% Change	Exports (Millions)		
	KS Exports	2018-2019	2019	2018	2017
1 Mexico (1)	18.82%	4.22%	\$2,194	\$2,105	\$1,882
2 Canada (2)	16.49%	-1.31%	\$1,923	\$1,948	\$2,512
3 Japan (3)	8.84%	2.29%	\$1,031	\$1,008	\$980
4 China (4)	4.74%	-15.88%	\$553	\$657	\$706
5 Germany (6)	4.36%	7.05%	\$508	\$475	\$430
6 United Kingdom (5)	3.97%	-12.39%	\$463	\$528	\$419
7 Republic of Korea (7)	3.39%	-4.25%	\$395	\$413	\$282
8 Singapore (8)	3.16%	9.37%	\$368	\$336	\$256
9 Brazil (12)	2.32%	47.32%	\$270	\$183	\$207
10 Taiwan (11)	2.14%	9.26%	\$249	\$228	\$196
Top 10 Total	68.23%	0.91%	\$7,954	\$7,882	\$7,871
Total Kansas Exports		0.66%	\$11,659	\$11,582	\$11,244



Markets & Transportation

Whether by highway, rail or air, Kansas offers excellent transportation and marketing advantages for your business. Because we're centrally located, and because we've focused on building and maintaining an outstanding multimodal infrastructure, it's easier and less expensive to ship to and from Kansas. We're home to numerous production facilities, warehouses and distribution centers that have found shipping raw materials and finished goods is more profitable when you're located in the nation's heartland.

COMPREHENSIVE TRANSPORTATION PROGRAM

A modern transportation system moves people, freight and technology. The Eisenhower Legacy Transportation Program (IKE), a 10-year program developed in consultation with Kansans and approved by the 2020 Legislature, preserves the state's existing system and provides flexibility to address current and future opportunities and challenges:

- IKE is a rolling program, which means major highway modernization and expansion projects will be selected every two years.
- There is an emphasis on right-sized, practical improvements. For example, utilizing passing lanes rather than four-lane expressways where applicable.

- The program includes new partnership programs (cost share, local bridge) between the state and local governments to address more needs.
- IKE includes investments in broadband and new technologies.
- This program continues the state's commitment to multimodal transportation with public transit, aviation, short-line rail and bike/pedestrian programs.

On May 14, 2020, Governor Laura Kelly and KDOT Secretary Julie Lorenz announced the first 40 highway expansion and modernization projects for preliminary engineering work. More about these projects, as well as additional information about the IKE program, is available at ksdot.org/IKE.asp.

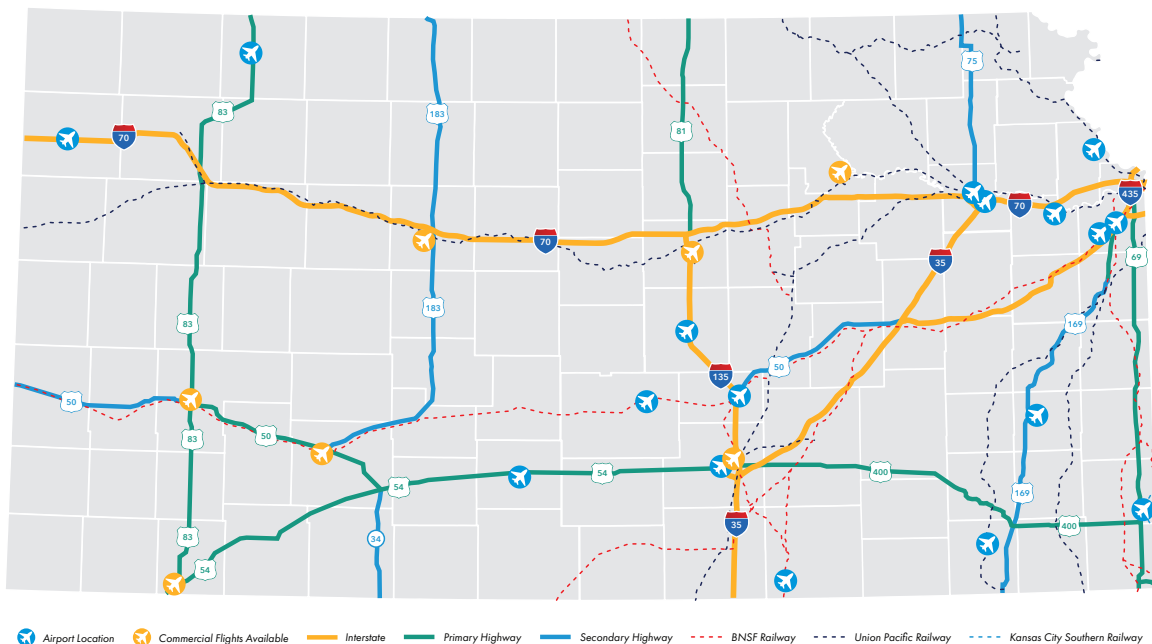
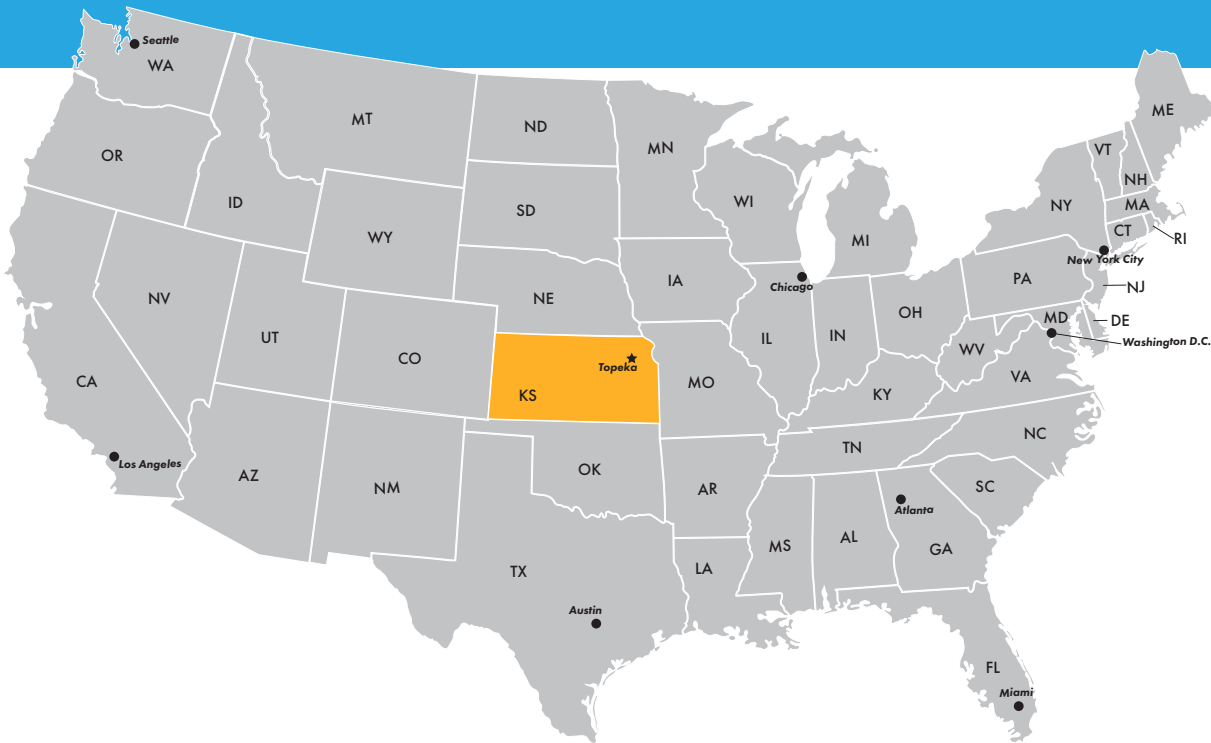
KDOT ECONOMIC DEVELOPMENT PROGRAM

The Kansas Department of Transportation's plan includes an economic development program to fund improvements that can be shown to support job growth and capital investment in the State. All transportation modes are eligible, including roadway, rail, airport and public transit. Typical projects include access roads, turning lanes and rail spurs.

Eligible applicants are local governments, often in partnership with a private business. A 25% minimum local match is preferred, although this is negotiable. Improvement projects must address

a transportation problem, such as promoting safety, improving access or mobility or relieving congestion.

The new or expanding business must be non-speculative, as this program is not intended to fund improvements for future recruitment of businesses. Other basic infrastructure must be in place or imminent, such as water and other utilities. Improvement projects must create new jobs and capital investment in Kansas, not just transfer business from one part of the state to another. In addition, projects must have the support of local leaders, such as elected officials and the chamber of commerce.



I-35/I-70 USMCA CORRIDOR

Running straight through Kansas, the north-south direction Interstate 35 corridor connects the United States with two of its largest trading partners, Canada and Mexico. As the United States-Mexico-Canada Agreement (USMCA) takes effect, Kansas' strategic location will play a significant role in safeguarding the health and prosperity of North America's economy. Additionally, the east-west direction Interstate 70 and Interstate 35 converge at the Kansas City area, creating a literal crossroads of America.

It is no secret that some of the nation's leading trucking lines have major facilities in Kansas City. Trucks leaving Kansas can quickly and efficiently reach the international ports on either coast or the USMCA trade partners to the north and the south. Kansas City is one of the nation's leading freight rail hubs as well, ranking first in annual rail tonnage and second in annual rail volume.

The designation of I-35 and I-29 as "high-priority corridors" in the early 1990s made these interstates eligible for additional federal funding through the National Corridor Planning and Development (NCPD) Program. Two successfully negotiated Memoranda of Understanding with the Treasury Department have helped eight states secure more than \$30 million to improve transportation technology and infrastructure on these two major interstates.

FOREIGN TRADE ZONES

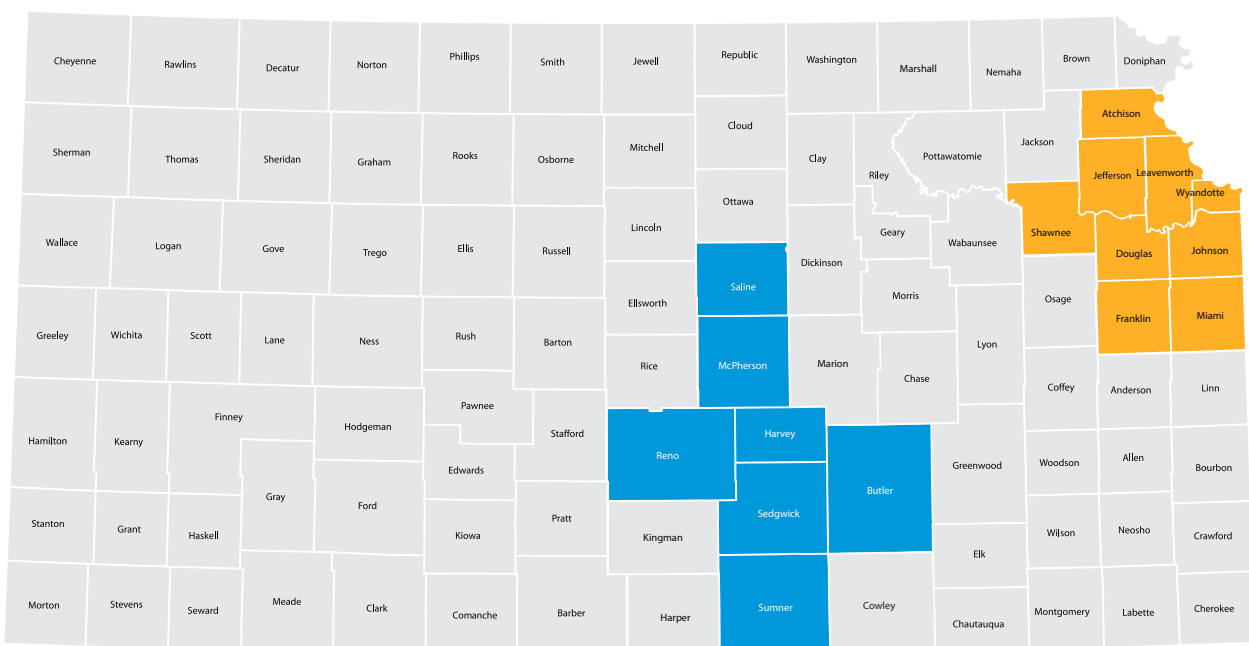
Foreign trade zones (FTZ) are areas within the United States where foreign and domestic goods are not within U.S. Customs Territory. Users are thereby exempt from paying duty or federal tax while goods remain in the zone or are exported.

Kansas' FTZs are Alternative Site Framework (ASF) designated. Companies in the designated region are not restricted to a site-specific FTZ, as the entire county is eligible for FTZ benefits. This streamlined approach offers companies the ability to choose a site within the region that fits their needs, allowing for a quicker turnaround time and lower costs.

The Kansas City, Kansas FTZ (Zone 17) currently includes nine counties: Atchison, Jefferson, Franklin, Wyandotte, Johnson, Douglas, Shawnee, Leavenworth and Miami. The grantee of the zone is the Greater Kansas City Foreign Trade Zone, Inc., which is also the grantee of the Kansas City, Missouri FTZ (Zone 15). Combined, the Kansas City Zones represent one of the largest in the country, offering more space and handling more volume than those of Chicago, Dallas, Denver, Minneapolis and St. Louis. Those who elicit FTZ designation may receive a response in as early as six weeks.

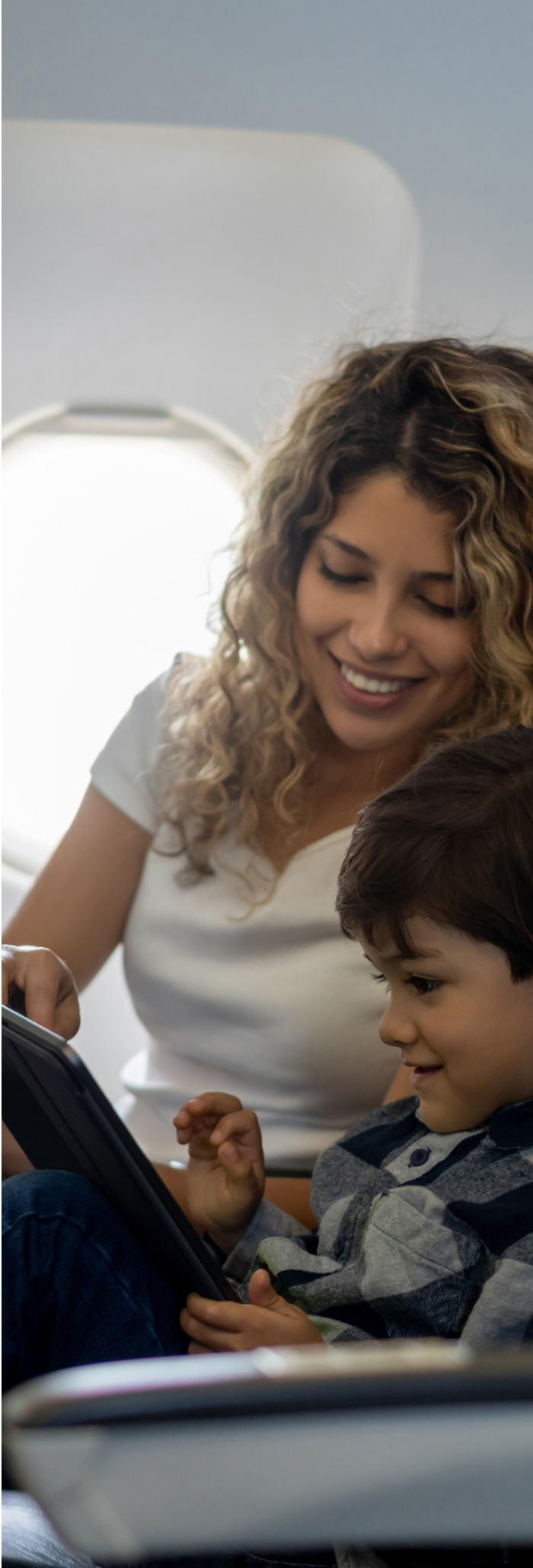
The Wichita, Kansas FTZ (Zone 161) currently includes seven counties: Sedgwick, Sumner, Butler, Saline, Reno, McPherson and Harvey. The grantee of the zone is the Board of County Commissioners of Sedgwick County.

Foreign Trade Zones



Sourced from ofis.trade.gov/Zones - last updated Oct 2021

■ Wichita ■ Kansas City



AIR TRANSPORTATION

Kansas' airport system consists of approximately 300 designated landing areas. Kansas is home to 132 public-use airports including eight commercial service facilities and over 200 private airports that serve general aviation for either public or private use. Airports provide over 63,800 jobs and generate nearly \$10.8 billion in total economic activity in the state. Kansas' 132 public use airports offer convenient access to our communities and direct routes to all national air service hubs.

- Our public-use airports strategically located across all regions of the state allow our communities and businesses distinct advantages:
- No community in Kansas is more than 30 miles from a public-use airport.
- 92 percent of our population is located within 45 minutes of an airport suited to accommodate chartered service.
- 92.5 percent of the population is within 30 minutes of an air ambulance.
- Many of our airports are located adjacent to industrial parks, offering attractive, low-cost, foreign trade zone-eligible locations to businesses seeking independent air services for cargo and company personnel.

AIR CARGO

Within Kansas, Wichita's Dwight D. Eisenhower National Airport (ICT) handles substantial freight movements. At ICT, cargo carriers operate from a 65,000-square-yard air cargo apron for aircraft movement and parking. ICT has two dedicated all-cargo buildings for freight processing. Air-cargo providers include DHL, Federal Express Corp., United Parcel Service, UPS Supply Chain Solutions, Empire Airlines and Integrated Airline Services. In addition, Southwest Airlines Cargo began offering air-cargo services in conjunction with Leadfoot Air Cargo in July 2016. ICT has highway access from Airport Cargo Drive to an interchange with US-54/400.

A variety of air-cargo carriers service Kansas, and most commercial airlines also offer small package delivery services to businesses. Air -cargo carriers include: Airborne Express, Air Cargo Carriers, Baron Aviation, BAX Global, Central Air Southwest, DHL Airways, EGL, Emery Worldwide, Federal Express, Kitty Hawk, Planemasters, United Parcel Service and United States Postal Service. There are also airports that accommodate private freight shipments.

Kansas City International Airport (MCI) offers direct access to our extensive highway system through state-of-the-art cargo handling facilities, enabling the easy transit of goods from businesses to international markets.

COMMERCIAL AIR SERVICE

Kansas City International Airport (MCI) offers daily non-stop flights to 50 destinations. The airport is undergoing a transformation and is currently constructing a new 1 million-plus-square-foot, state-of-the-art terminal. The facility is slated to open spring of 2023 with 39 gates and the ability to expand up to 50 gates in the future.

The new \$200 million Wichita Dwight D. Eisenhower National Airport (ICT) has repeatedly ranked in the Top Five for small hub airports in the U.S., with 13 non-stop destinations from seven airlines. Over 60 aviation-related businesses including three fixed-base operators, two aircraft manufacturers, general aviation and cargo facilities, creates an ideal location for business.

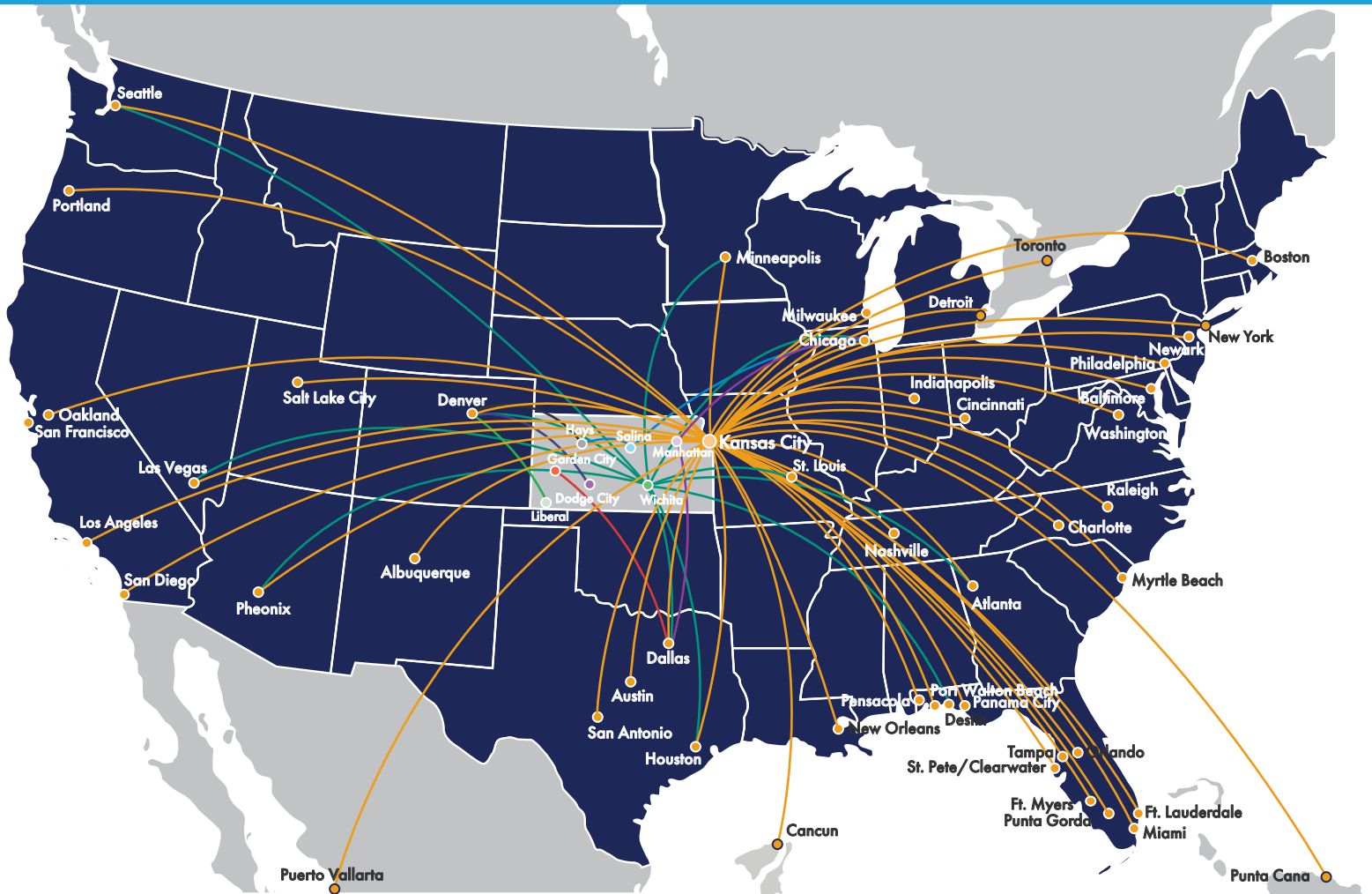
REGIONAL AIRPORTS

Passenger service is offered at our eight commercial airports.

Airport Name	Airport Abbreviation	Longest Runway Dimension (Ft.)
Dodge City Regional Airport	DDC	6,899 x 100
Garden City Regional Airport	GCK	7,299 x 100
Great Bend Municipal Airport	GBD	7,851 x 100
Hays Regional Airport	HYS	6,501 x 100
Liberal Mid-America Regional Airport	LBL	7,105 x 100
Manhattan Regional Airport	MHK	7,000 x 150
Salina Municipal Airport	SLN	12,301 x 150
Wichita Dwight D. Eisenhower National Airport	ICT	10,301 x 150



71 Direct Flights from Kansas Commercial Airports



GENERAL AVIATION AIRPORTS

There are 138 general aviation airports operating in Kansas:

- Commercial – 7
- Regional – 18
- Business – 39
- Community – 50
- Basic Operations – 24

There are four general aviation airports that act as relievers for commercial airports in the state.

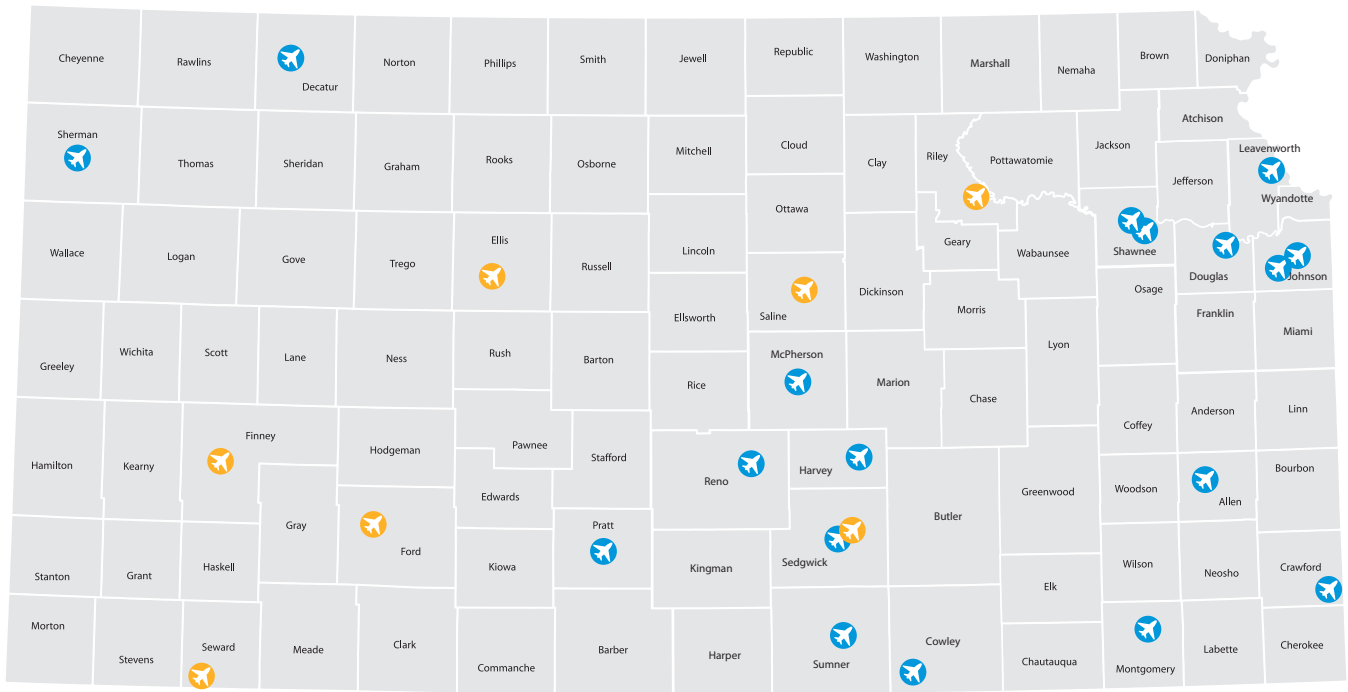
1. Johnson County Executive Airport (OJC) is a reliever of MCI. OJC also offers aircraft maintenance and repair, aircraft charters and flight training services. The airport also accommodates corporate businesses and government operations.
2. Newton City/County Airport (EWK) is a reliever of ICT. The airport is located approximately 20 miles north of the Wichita metropolitan area. EWK accommodates corporate/business activities and a flight school.
3. Colonel James Jabara Airport* (AAO) acts as reliever airport for the Wichita metropolitan area. Located nine miles northeast of Wichita's Central Business district, AAO offers land for aviation development.
4. New Century Air Center* (IXD) is located in Johnson County. IXD's industrial park comes equipped with amenities such as BNSF rail connectivity, utilities such as water and wastewater and an aircraft maintenance facility. Sixty-three businesses have facilities at NCAC. Long-term lease agreements are available with initial terms typically around 20 years, with options to extend in multi-year increments for a total of 50 to 70 years. The leases are offered in development parcels from 138 acres depending on the company's needs.

*Two reliever airports are air industrial parks. There are many air industrial parks operating on the sites of former military bases, offering low-cost locations for businesses seeking independent air services for cargo and company personnel.





Kansas Airports



Regional Airports



Commercial Flights Available

RAIL TRANSPORTATION

Kansas is served by a comprehensive rail network comprised of 4,257 miles (6,851 km) of total track, the sixth-largest network in the nation.

Used to move countless tons of grain produced by farmers, our rail network ensures freight service to virtually anywhere in Kansas via the four Class I railroads, 11 Class III (short line) railroads and three switching/terminal railroads in the state. These operators administer more than 105 freight transfer facilities and terminals in our state, connecting our communities and businesses to local, national and global markets.

Intercity passenger service in Kansas is provided by Amtrak's long-distance train, the Southwest Chief.

LOGISTICS PARK KANSAS CITY

Logistics Park Kansas City (LPKC) is an inland distribution hub that includes a public-private partnership and intermodal facility. This master-planned distribution and warehouse development is located in Edgerton, Kansas — just southwest of downtown Kansas City. Served by global intermodal

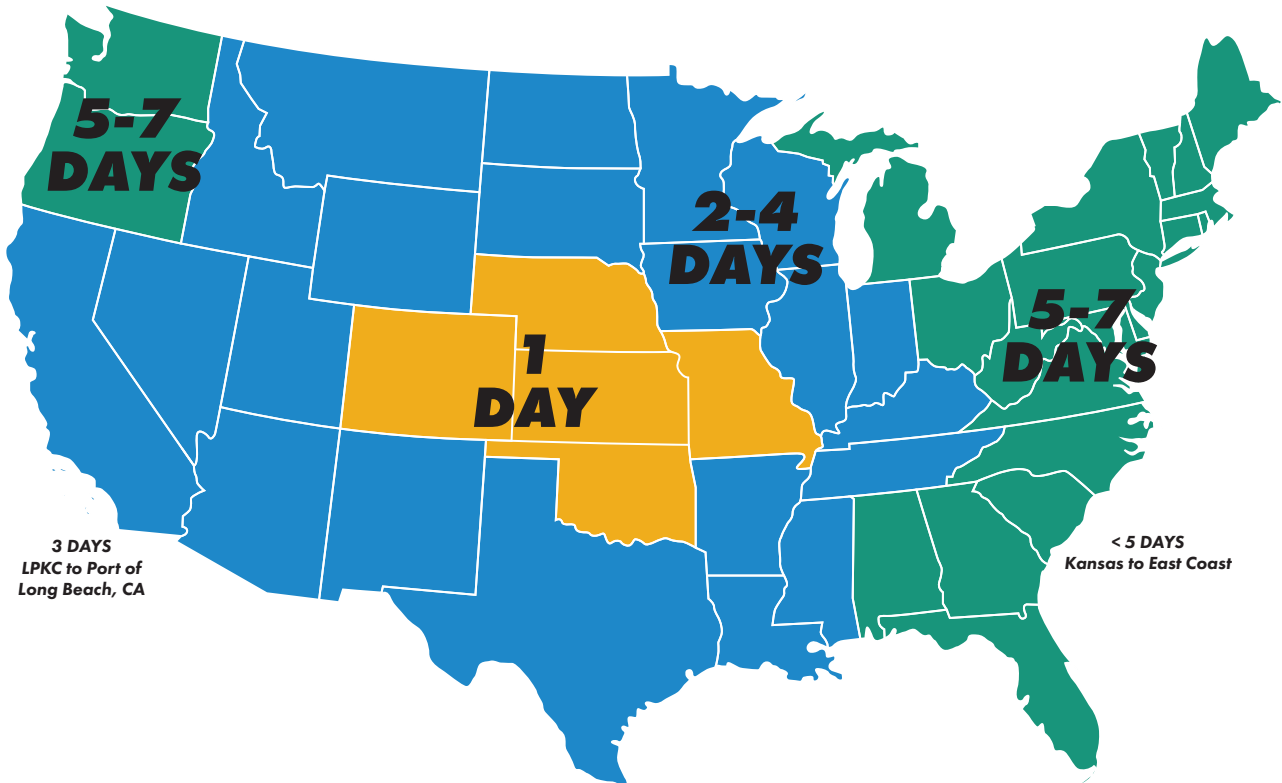
transportation leader, BNSF Railway, LPKC is a world-class inland port with speculative and build-to-suit opportunities available.

- 3,000-acre inland distribution hub intermodal development
- 300 acres of direct rail-served land
- 30 million square feet of existing facilities
- 14.4 million square of new distribution facilities
- Located a few miles from I-435
- Designated Foreign Trade Zone
- 750,000-plus annual unit capacity
- 64,000 feet of track (eight 8,000-foot strip tracks)
- 1,810 paved parking spaces
- 4,300 container stacking spots
- Eight wide-span all-electric cranes

Adjacent to BNSF's LPKC Intermodal Facility, North Park at LPKC has 300 acres available to accommodate 3.4 million square feet of rail-served space.

More information can be found at logisticsparkkc.com/.

GATE-TO-GATE TRANSIT TIME FROM LOGISTICS PARK KANSAS CITY



CLASS I RAILROADS

Four Class I, or large railroads, operate in Kansas. These railroads provide long-haul service for both in- and out-bound products as well as through traffic. The Class I railroads operating in Kansas are railroad companies BNSF Railway, Kansas City Southern Railway (KCS), Norfolk Southern Railway (NS) and the Union Pacific (UP) Railroad. Three of the four own lines in the state, and the fourth operates over trackage rights.

BNSF has 11 subdivisions in Kansas. Each corridor carries substantial through freight as well as origin and termination service for shippers and receivers in Kansas. In 2019, BNSF

hailed nearly 4 million carloads in Kansas; of those, 607,630 originated or terminated in Kansas. BNSF's Transcontinental (Transcon) corridor stretches approximately 305 miles through Kansas, connecting Chicago, to Los Angeles and Oakland, Calif.

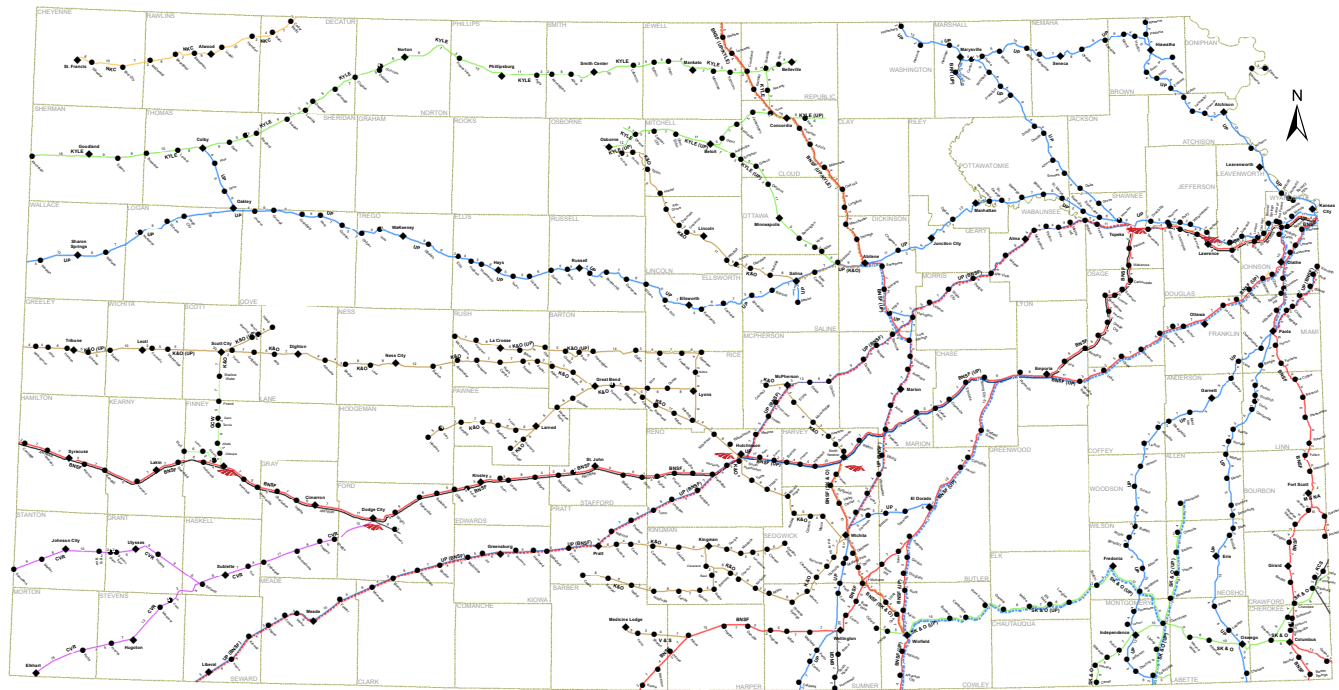
KCS has two subdivisions in Kansas that are part of their one principal north-south route. The line follows the Kansas and Missouri border southward from Kansas City (mostly in Missouri) and crosses into southeast Kansas near Pittsburg. In 2019 KCS hauled 482,170 carloads in Kansas; of those, 36,453 originated or terminated in Kansas.

NS has trackage rights on three miles of track in Kansas, specifically in the Kansas City area. The NS intermodal facility for metropolitan Kansas City is located in Kansas City, Missouri.

UP has 13 subdivisions in Kansas that form six principal corridors in and through the state. Each corridor carries substantial through freight as well as origin and termination service for shippers and receivers in Kansas. Minor portions of these various routes merge with other routes in and around the Kansas City area. UP hauled nearly 234,622 carloads to and from Kansas in 2019.

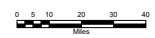
CLASS I RAILROAD ROUTE MILEAGE IN KANSAS	
Class I Carriers	Main Line Owned
Union Pacific	2,199
Burlington Northern Santa Fe Railway	1,142
Kansas City Southern	18
Norfolk Southern*	0
Class I Total	3,359

*Norfolk Southern has 3 miles of trackage rights in Kansas

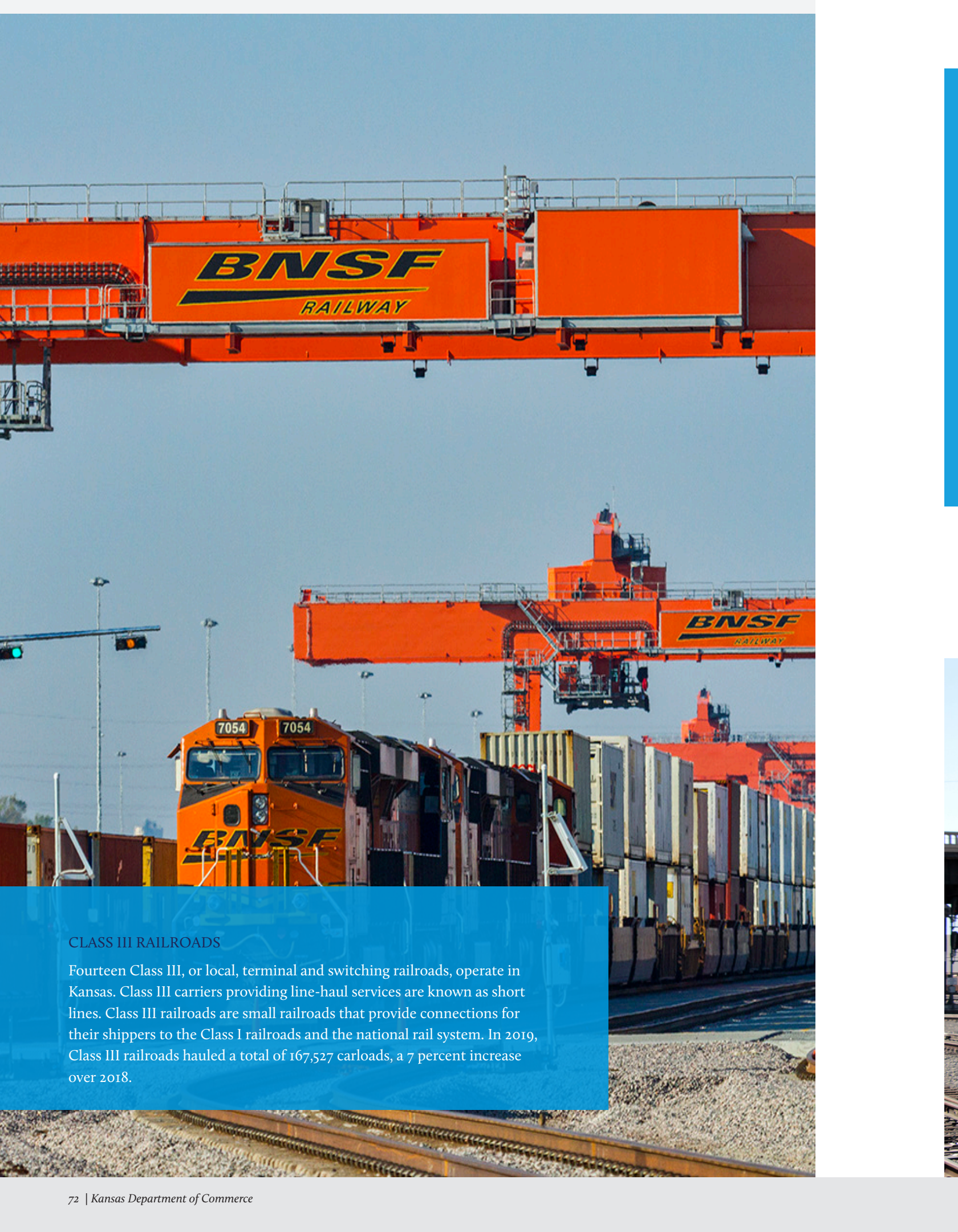


- ★ State Capital
- ◆ Present Day Railroad Station (County Seat)
- Present Day Railroad Station
- ◀ AMTRAK Station

- BNSF Railway 1237 miles
- Union Pacific 1535 miles
- KYLE Railroad System 277 miles
- KYLE Railroad System, Leased from UP 139 miles
- Kansas & Oklahoma Railroad 773 Miles
- Kansas & Oklahoma Railroad, UP leased 111 Miles
- Blackwell Northern Gateway Railroad 18 miles
- Blue Rapids Railroad 10 miles
- Boothill and Western Railway 10 miles
- Cimarron Valley Railway 179 miles
- Garden City Western Railway 45 miles
- Kansas City Southern 18 miles
- Missouri & Northern Arkansas 8 miles
- Nebraska Kansas Colorado Railway 62 miles
- South Kansas & Oklahoma 267 miles
- V & S Railway 22 miles
- New Century Aircenter Railroad 5 miles
- Wichita Terminal Association 9 miles
- Kansas City Terminal Railway 33 miles
- AMTRAK



PREPARED BY THE
KANSAS DEPARTMENT OF TRANSPORTATION
BUREAU OF TRANSPORTATION PLANNING
MAP CREATED TUESDAY, JUNE 04, 2019
KDOT makes no warranties, guarantees, or representations for accuracy of the information and assumes no liability for errors or omissions.



CLASS III RAILROADS

Fourteen Class III, or local, terminal and switching railroads, operate in Kansas. Class III carriers providing line-haul services are known as short lines. Class III railroads are small railroads that provide connections for their shippers to the Class I railroads and the national rail system. In 2019, Class III railroads hauled a total of 167,527 carloads, a 7 percent increase over 2018.

CLASS III RAILROAD ROUTE MILEAGE IN KANSAS			
Class III Railroads (Short Lines)	Main Line Owned	Lines Leased from Class I	Miles Operated Excluding Trackage Rights
Blackwell Northern Gateway Railroad	18	0	18
Blue Rapids Railroad	10	0	10
Boot Hill & Western Railroad	10	0	10
Cimarron Valley Railroad	179	0	179
Garden City Western Railroad	45	0	45
Kansas & Oklahoma Railroad	554	166	720
Kyle Railroad	282	139	421
Missouri & Northern Arkansas	0	8	8
Nebraska, Kansas Colorado Railway	62	0	62
South Kansas & Oklahoma	267	0	267
V & S Railway	25	0	25
Switching and Terminal Railroad Mileage in Kansas			
Kansas City Terminal	27	0	27
New Century AirCenter Railway	5	0	5
Wichita Terminal Association	9	0	9
Class III Total	1,493	313	1,806



FREIGHT

KANSAS TRANSLOAD FACILITIES

Transloading provides a customer the best of both worlds, combining economical rail transport with the flexibility of over-the-road trucking. Shipments move seamlessly between modes, allowing you to ship affordably throughout North America and expand your market reach.

A transload facility is used for products such as dry or liquid bulk goods, long products such as lumber, steel, rebar and machinery and warehouse commodities.

Kansas Transload Facilities

- Cherryvale, KS – South Kansas and Oklahoma Railroad (Watco) (Class I Access)
- Dodge City, KS – Lineage Logistics (Class I Access)
- Edgerton, Kansas – Coldpoint Logistics Warehouse LLC (BNSF Access)
- El Dorado, KS – Savage Services Corp (BNSF Access)
- El Dorado, KS – Loup Logistics (UP Access)
- Great Bend, KS – K&O / Watco (Class I Access)
- Garden City, KS - Transportation Partners & Logistics (BNSF Access)
- Kansas City, KS - Harcros Chemicals- (BNSF Access)
- Kansas City, KS – Metro Park Warehouses, Inc. (BNSF Access)
- Kansas City, KS – Trans Costal Supply Co, Inc. – (Class I Access)
- Kansas City, KS – Affton Transloading – (Class I Access)
- Kansas City, KS – Environmental Works, Inc. – (Class I Access)
- Kansas City, KS – Loup Logistics / 4 locations- (UP Access)
- Pittsburg, KS – Loup Logistics – (UP Access)
- Wichita, KS - Garvey Public Warehouse (BNSF Access)
- Wichita, KS – United Warehouse Company (BNSF Access)

PREMIERE HIGHWAY SYSTEM

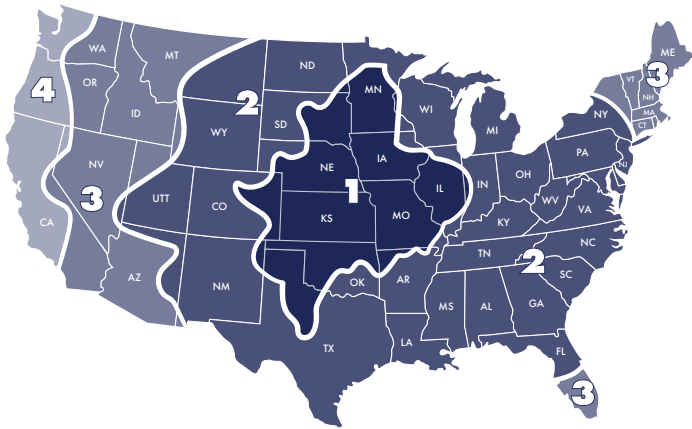
Kansas has a world-class network of rural and urban interstate highways that connect companies within our communities to local, national and global markets. Our commitment to maintaining and expanding our network has resulted in a network that consistently receives premiere rankings and national recognition.

TRUCK TRANSIT

Kansas' centralized location offers a tremendous competitive advantage in shipping to major North American markets. Our expansive network provides Kansas-based companies a safe and reliable route to major interstate highways that can connect them to 85 percent of the nation's population in under a two-day drive.



KANSAS FREIGHT DELIVERY TIMES



ZONE 1 ZONE 2 ZONE 3 ZONE 4

MAJOR DELIVERY ZONE CITIES

ZONE 1 - OVERNIGHT (12 HRS)

<i>Chicago</i>	<i>Des Moines</i>
<i>Memphis</i>	<i>Minneapolis/St. Paul</i>
<i>Kansas City</i>	<i>Dallas/Fort Worth</i>
<i>Omaha</i>	<i>Indianapolis</i>
<i>Denver</i>	

ZONE 2 - NEXT DAY (16 HRS)

<i>Miami</i>	<i>Billings, MT</i>
<i>Boston</i>	<i>Montreal, PQ</i>
<i>Pheonix</i>	<i>Toronto, ON</i>

ZONE 3 - 2ND MORNING (24 HRS)

<i>New Orleans</i>	<i>Houston</i>
<i>Atlanta</i>	<i>Cincinnati</i>
<i>New York</i>	<i>Washington, D.C.</i>
<i>Salt Lake City</i>	<i>Baltimore</i>

ZONE 4 - 2ND DAY (30 HRS)

<i>Los Angeles</i>	<i>San Francisco</i>
<i>Seattle</i>	<i>Vancouver, BC</i>
<i>Portland</i>	

KANSAS FREIGHT TIMES

85 percent of the United States can be reached in two days or less; 99 percent in less than three days for freight delivery from the epicenter of Kansas. This includes all modes of freight transportation; highway, rail, air, water and pipeline. (KSDOT 2018)

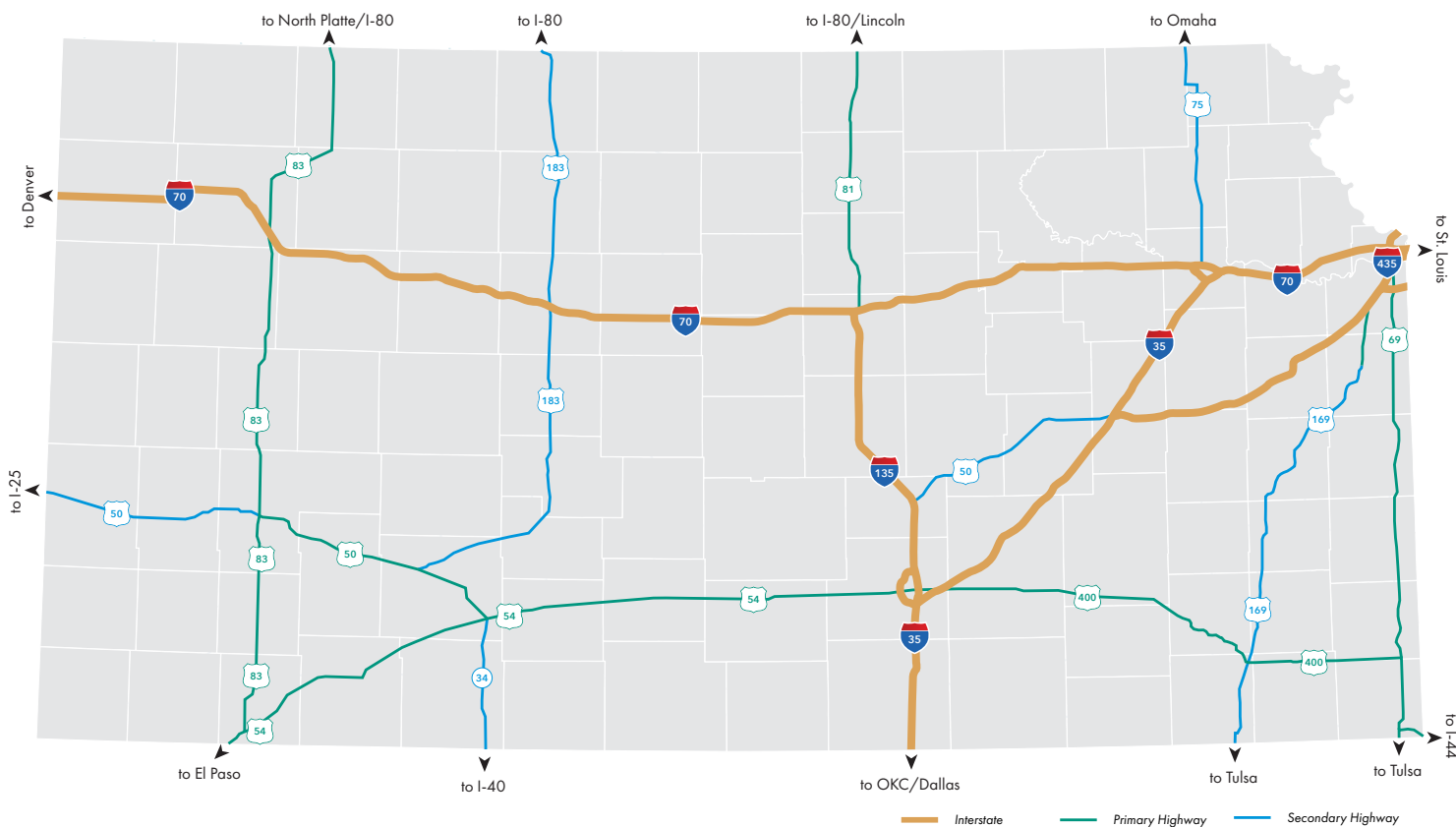
Kansas has a network of public roads and state- and interstate-highways that is more than 140,000 miles long, which has turned Kansas into a central trucking hub. Our network of public roads and state highways provides a route for businesses within our communities to reach interstate highways with minimal interruptions. Our interstates allow convenient access to local, national and global markets.

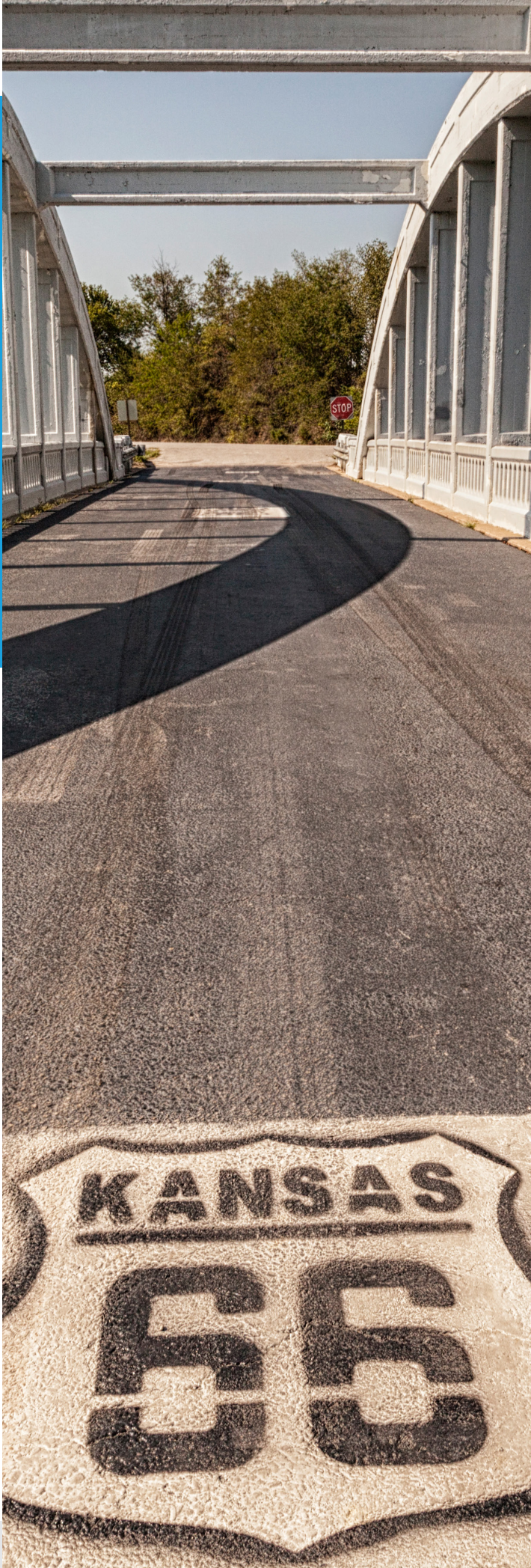
Following the passage of the North American Free Trade Agreement (NAFTA) and recent implementation of the United States-Mexico-Canada Agreement (USMCA), Kansas has become an international trade crossroads. The 1,500 miles of I-35 and I-29 create the only central interstate highway corridor linking the three countries of North America.

It's no secret that some of the nation's leading trucking lines have major facilities in Kansas. Trucks can quickly and efficiently reach international ports on either coast, USMCA trade partners to the north and south and any markets that fall in between.

Major Trade Corridors with Routes through Kansas:

- I-70, spanning the country coast-to-coast from Utah to Maryland
- I-135 and U.S. 81, establishing a route between Texas to North Dakota
- I-29, creating a route from Kansas City to the United States/ Canadian border
- U.S. 400, providing access to I-35, I-135, U.S. 81 and I-44
- U.S. 69, traversing from Minnesota to Texas.





KANSAS HIGHWAY REGULATIONS

Kansas Turnpike Exceptions

Kansas Turnpike regulations are similar to those for other Kansas highways with a few exceptions:

- Trailers 59.5 feet each may be pulled in combination
- Maximum length is 125 feet without prior authorization
- Maximum gross weight is 120,000 pounds
- Maximum width is 12 feet without prior authorization
- (K.S.A. 2000 Supp. 8-1904, K.S.A. 8-1908, 8-1909)

Legal Weights Allowed on Kansas highways

- Single Axle - 20,000 pounds
- Tandem Axle – 34,000 pounds *

Kansas Highway Gross Weight Limits

- Interstate Highway – 80,000 pounds
- Other Highways – 85,500 pounds

* Tandem axles with center less than 40 inches apart are considered one axle.

MAXIMUM DIMENSIONS ALLOWED ON KANSAS HIGHWAYS	
Legal Width	8.5 ft
Legal Height	14.0 ft
Legal Length (single motor vehicle)	45.0 ft
Legal Length (truck-trailer combinations)	65.0 ft
Legal Length (each trailer when pulled in tandem)	28.5 ft
Legal Length (tractor-trailer combinations)	No Limit

INLAND WATERWAY TRANSIT

Kansas has access to 122 miles of the Missouri River along the northeast corner of the state. Kansas has a total of eight commercial terminals located near Atchison, Leavenworth, Lansing, White Cloud and Kansas City. Foodstuffs, fertilizer, scrap steel, cement and other raw materials, as well as machinery, comprise the bulk of shipments. The shipping season generally lasts between eight and nine months.

The Port of Kansas City – Woodswether Terminal – is located within one mile of downtown Kansas City and the interstate highway loop at River mile 367.1 on the south bank of the Missouri River. The seven-acre terminal recently underwent two significant phases of construction to address infrastructure ingress/egress and warehousing repairs.

The Port of Catoosa, an inland seaport located near Tulsa, Okla., is approximately 50 miles from the Kansas border. The South Kansas and Oklahoma Railroad and the BNSF Railway provide direct rail access to the Port. It is a year-round, economical alternative to other means of travel and is especially advantageous to businesses manufacturing large goods that need to be assembled prior to shipping.





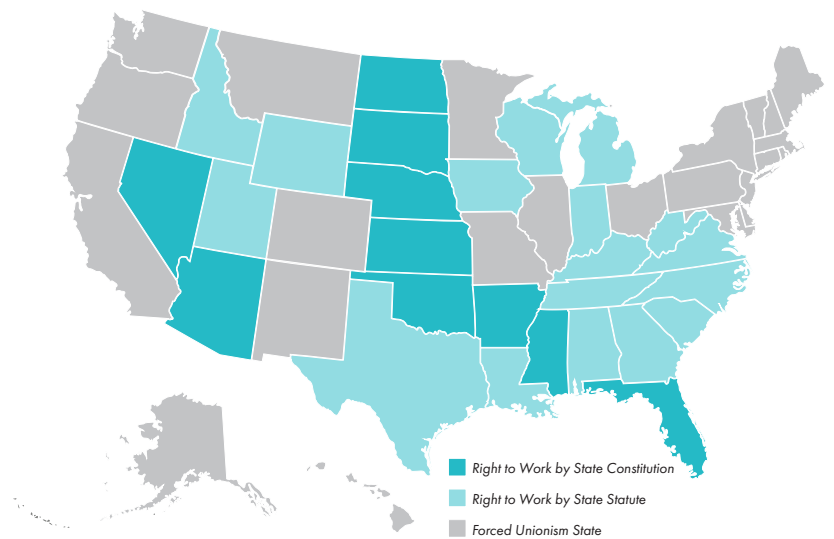


Kansas workers are a driving force in the expansion of our state's economy. With outstanding schools and good partnerships between industry and education, Kansas businesses have access to a workforce that is prepared to meet the needs of companies in a highly competitive global economy.

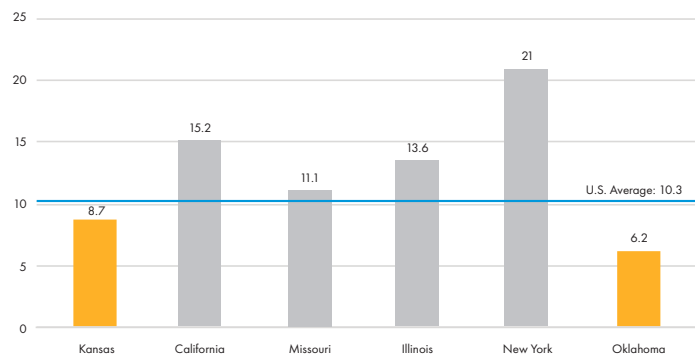
LABOR ENVIRONMENT

Kansas is a right-to-work state, guaranteed by a 1958 constitutional amendment.

There are 28 states that prohibit compulsory union membership, including many enacted by state statute, which are vulnerable to change by state legislatures. Kansas' right-to-work status can only be changed by a vote of the people. Kansas union membership is currently 8.7%, well below the national average.



UNION MEMBERSHIP IN SELECTED STATES



Source: U.S. Department of Labor, Bureau of Labor Statistics (accessed January 31, 2020)

WORKFORCE SERVICES AND DEVELOPMENT ASSISTANCE

Companies new to Kansas, or Kansas businesses needing to expand or restructure, may qualify for assistance under one of our workforce training programs. Our Workforce Services Division is customizing a growing reservoir of business-relevant training expertise within educational institutions tailored to help your company find the skilled labor you need to achieve results.

Unlike most states, Kansas combines economic development and workforce services in its Department of Commerce. This combination creates a seamless experience for employers as they seek assistance in addressing their employment needs. It also helps to ensure that workforce programs are demand-driven and focused on providing the skilled workforce sought by Kansas employers.



KANSASWORKS is your Human Resource partner and provides workforce services to attract and retain employees for businesses. A wide array of services and resources are available to decrease the stress of hiring through creative solutions and best practices. The Kansas Department of Commerce's Workforce Services Division programs, of special note to employers, include:

- Recruitment and screening assistance is available at no cost through KANSASWORKS Workforce Centers across the state. A list of these locations can be found at KANSASWORKS.com.
- KANSASWORKS.com is a resource for both job seekers and employers. Companies can list job vacancies and explore resumes shared by job seekers on the site at no cost.
- Companies can take the Hire a Veteran Pledge, and KANSASWORKS staff will work with your company to link qualified veterans to your job openings.
- The Career Readiness Certificate is awarded to job seekers taking the ACT WorkKeys Assessment (Applied Math, Graphic Literacy and Workplace Documents). Many Kansas employers use this tool as a key measure of work readiness and prefer candidates scoring at specific levels of performance.
- Workforce Aligned with Industry Demand (Workforce AID) is a partnership between Commerce and the Board of Regents implementing pilot projects to align workforce training and education with industry opportunities and demand, linking education to a job.
- The Kansas Registered Apprenticeship Program balances a unique partnership between job seekers and employers throughout the state. The program incorporates classroom studies through on-the-job training supervised by a skilled employer. Learn more about the apprenticeship program in Kansas at ksapprenticeship.org.
- The KANSASWORKS On-the-Job Training program (OJT) supports local businesses looking to train and retain skilled, productive workers. Companies train promising candidates with the necessary skills for the position.
- The Work Opportunity Tax Credit (WOTC) is a federal tax credit available to employers for hiring individuals from certain target groups who have consistently faced significant barriers to employment.
- The Federal Bonding Program provides individual fidelity bonds to employers for job applicants who are or may be denied coverage by commercial carriers.
- The Foreign Labor Certification program qualifies an employer to hire foreign or alien workers if an employer cannot find qualified and available U.S. workers to fill vacancies.
- The Incumbent Worker Training Program provides grants to employers to assist with certain expenses associated with skills-upgrade training for full-time employees of the company.

WORKFORCE PIPELINE

The state provides support for workforce needs through investment in education and training to support a pipeline of new workers.

Career Technical Education

The Career Technical Education Initiative covers the cost of tuition for high school students enrolling in technical training programs. The program was established in order to encourage the growth of technical training in the state and increase the number of high school students graduating with technical certifications, creating a pipeline of skilled workers to meet future workforce needs.

[Click here](#) for more information on this program.

University Engineering Initiative Act (UEIA)

In 2012, Kansas recognized the need for an increase in the number of engineering graduates in Kansas, and committed to invest \$105 million over 10 years to ensure engineering industry partners can find the new talent, designs and techniques needed to fuel economic growth and business success in Kansas. Kansas State University, Wichita State University and the University of Kansas each match this legislative investment, dollar for dollar, resulting in more than \$200 million being directed toward the education of engineers in Kansas.

[Click here](#) for more information on this program.

Kansas Nursing Initiative

The Kansas Nursing Initiative was developed to address the growing nursing shortage in the state by providing needed resources to nursing education programs, which enabled them to increase their capacity to instruct additional nursing students.

The 2006 Legislature responded to the nursing shortage with funds for postsecondary institutions with nursing programs through a competitive grant process and required matching funds from the institution.

Today, subject to annual appropriation from the Legislature, \$1.8 million is available to both public- and privately-funded educational institutions with registered nursing programs. These grant funds support faculty and nursing lab supplies with the goal of improving program quality and student success.

[Click here](#) for more information on this program.





Program Alignment

One of the initiatives underway by the Post-Secondary Technical Education Authority (TEA) to enhance technical education in our state is the alignment of specific technical programs. This project is driven by the needs of business and industry in the state. Groups of business leaders are convened by the Kansas Department of Commerce and the Kansas Board of Regents with participation by program advisory committee members from our colleges to essentially “map” a preferred outcome for an occupational category.

[Click here](#) for more information on this program.

Accelerating Opportunity

The Kansas Board of Regents, in partnership with the Kansas Department of Commerce, has implemented Accelerating Opportunity in Kansas (AO-K) to transform the delivery system for adult education in Kansas by delivering career and technical education at the same time as adult basic skills instruction within a career pathways framework. Students complete short-term certificate programs aligned with labor market needs, leading to industry-recognized credentials and jobs with family sustaining wages.

[Click here](#) for more information on this program.

GED Accelerator

The GED Accelerator awards community and technical colleges with performance funding for students who concurrently earn a GED and an approved postsecondary credential.

Colleges are eligible to receive up to \$1,500 — payment of \$500 for completion of the GED and payment of \$1,000 for completion of a high demand, state-approved technical certificate — for students co-enrolled in adult basic skills and technical education pathway programs. Funding in this model also covers up to \$170 of the cost of students taking the GED test. In order to receive the \$170 incentive, colleges must verify that the student is enrolled in Adult Basic Education or provide other evidence that the student is pursuing a GED.

[Click here](#) for more information on this program.

Kansas Technology Innovation and Internship Program

Grants may be awarded to full-time career technical education faculty participating in an internship with a business, industry or another agency for the purpose of upgrading knowledge and skills in their profession, vocation or trade.

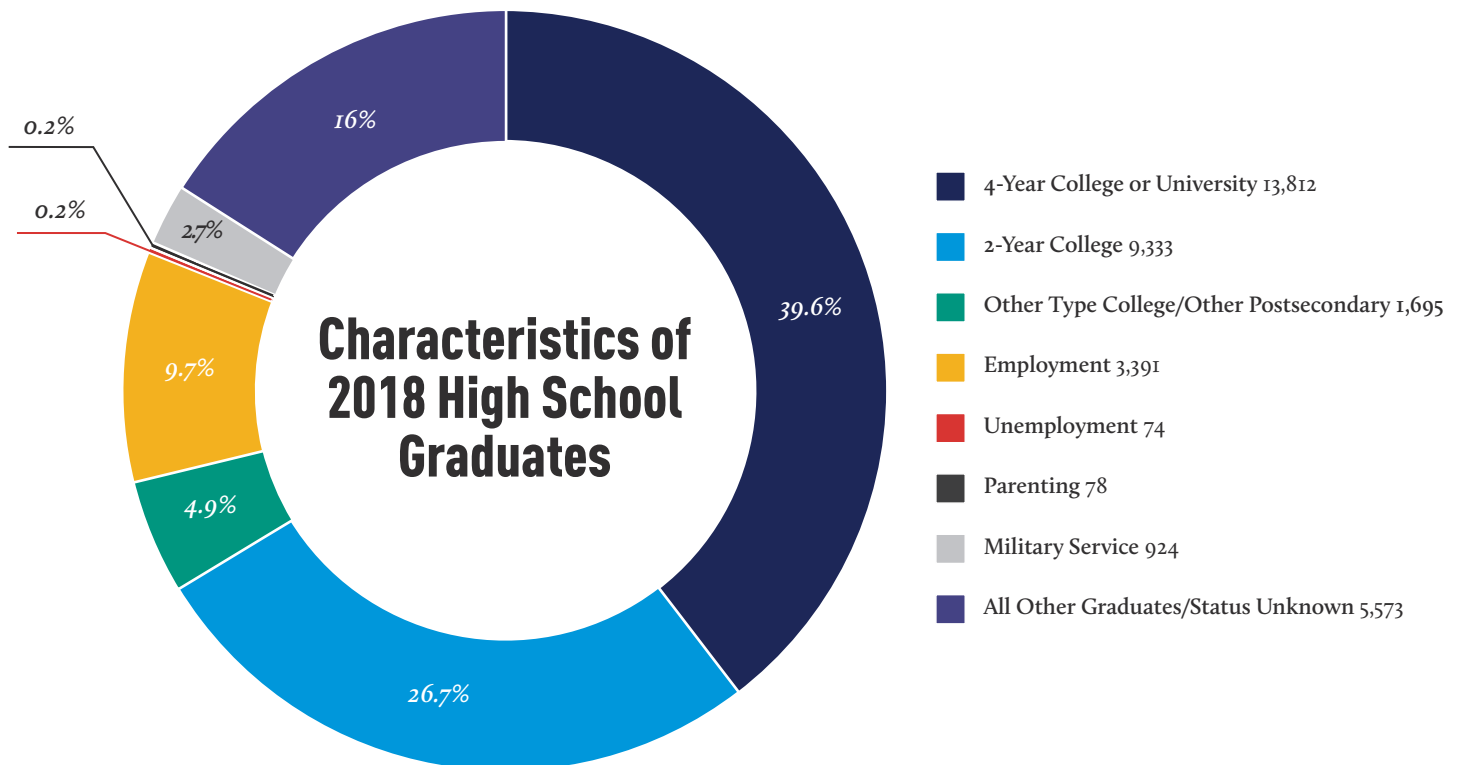
Similarly, full-time employees in private business/industry or other agency may participate in an internship at an eligible institution teaching in approved career technical-education programs.

[Click here](#) for more information on this program.

SKILLED WORKFORCE

The state's education system is a powerful factor contributing to the success of Kansas businesses. Kansas has a long history of investing in the education of our youth to provide a quality workforce for the jobs created by firms choosing to do business in this state. Both the public high school graduation rate and the percentage of the population with a bachelor's degree are above the national average.

Ninety-one percent of Kansas adults have a high school diploma, ranking Kansas No. 17 in that category. Kansas is also among the top states for percent of adults with a college degree. More than 40 percent of adults, 25 and over, in Kansas have an associate college degree. In some areas, such as Johnson County in the Kansas City area, over 50 percent of the adults have a college degree. Educating our youth is highly valued in this state to provide a quality and skilled workforce to the businesses in Kansas.



Source: Kansas Department of Education

KANSAS LABOR Quick Facts



2,937,880
Population



66%
Labor Participation Rate
(3% higher than U.S. Average)

Kansas was listed in Forbes 2020 list for “**Best Employers for Diversity**,” which had three Kansas companies, including Black & Veatch, AMC Entertainment Holdings, Inc. and The University of Kansas Health Systems.



1,515,248
Kansas Civilian
Labor Force



1,381,100
Nonfarm Jobs



1,132,700
Private Sector
Jobs

Unemployment rates can be found at klic.dol.ks.gov.

U.S. News & WORLD REPORT

2021

Kansas ranks **9th** in the nation for labor force participation.

Kansas ranks **10th** in the nation in graduation rates for two-year post-secondary institutions.





Business/Financial operations is the **2nd highest** job growth sector in Kansas.

Kansas surpasses the national average in those employed in the office and administrative support professions as well as those in management professions.



Nearly **12 percent** of Kansans over the age of five **speak a language other than English**, which is in line with other U.S. states. Kansas is above average in comparison to other states in the region.

In Garden City's high school, **25 different languages are spoken among more than 1,960 students** (6A school) who came to Garden City from 28 countries.

The Wichita public school district is home to students from 97 countries, and there are **105 different languages and dialects spoken**.

In Kansas City, Kansas, public schools (5th largest in the state) over **63 different languages are spoken in the home**.





KANSAS EMPLOYMENT BY SECTOR (THOUSANDS OF JOBS) 2018

Sector	2018
Private Industries	1,281,533
Agriculture, Forestry, Fishing & Hunting	31,261
Mining, Quarrying, & Oil & Gas Extraction	7,176
Utilities	6,441
Construction	77,068
Manufacturing	167,226
Wholesale Trade	60,520
Retail Trade	152,273
Transportation & Warehousing	61,077
Information	19,648
Finance & Insurance	19,648
Real Estate, Rental & Leasing	18,948
Professional, Scientific & Technical Services	84,346
Management of Companies & Enterprises	25,585
Administrative & Waste Services	85,123
Educational Services	24,106
Health Care & Social Assistance	191,423
Arts, Entertainment & Recreation	19,881
Accommodation & Food Services	114,006
Other Services (except Public Administration)	69,148
Government	285,314
Total	1,566,847

Source: U.S. Department of Labor, Bureau of Labor Statistics

HOURLY WAGES FOR SELECTED OCCUPATIONS

Occupational Title	Employment	Average Hourly	Entry Level Hourly	Experienced Level Hourly	Median (Middle) Hourly
Aerospace Engineering and Operations Technicians	460	\$32.15	\$23.21	\$36.62	\$30.08
Aerospace Engineers	2,220	\$50.74	\$36.20	\$58.01	\$49.46
Aircraft Mechanics and Service Technicians	1,460	\$27.32	\$19.87	\$31.05	\$28.25
Assemblers and Fabricators	26,670	\$20.07	\$12.64	\$23.79	\$18.34
Assemblers and Fabricators, All Other, Including Team Assemblers	14,460	\$17.14	\$11.79	\$19.82	\$16.32
Automotive Service Technicians and Mechanics	6,560	\$19.55	\$12.43	\$23.11	\$18.31
Avionics Technicians	840	\$29.10	\$20.99	\$33.16	\$28.96
Biological Technicians	300	\$19.68	\$13.80	\$22.63	\$19.28
Biomedical Engineers	40	\$37.09	\$25.91	\$42.68	\$35.97
Business and Financial Operations Occupations	69,610	\$32.78	\$18.93	\$39.71	\$29.62
Chemical Engineers	200	\$47.16	\$28.54	\$56.47	\$47.03
Chemical Technicians	500	\$21.04	\$14.79	\$24.16	\$18.56
Chemists	660	\$37.31	\$22.42	\$44.75	\$35.50
Civil Engineering Technicians	1,060	\$23.26	\$15.50	\$27.15	\$21.45
Civil Engineers	2,340	\$39.59	\$25.06	\$46.85	\$36.55
Computer and Information Research Scientists	100	\$45.33	\$35.20	\$50.40	\$45.17
Computer and Information Systems Managers	3,010	\$57.24	\$34.90	\$68.41	\$56.33
Computer and Mathematical Occupations	34,560	\$35.21	\$20.65	\$42.48	\$33.05
Computer Hardware Engineers	370	\$42.61	\$27.88	\$49.98	\$39.05
Computer Network Architects	1,600	\$45.03	\$30.48	\$52.31	\$43.21
Computer Network Support Specialists	910	\$24.37	\$19.47	\$26.82	\$22.59
Computer Programmers	1,530	\$36.43	\$24.40	\$42.45	\$35.26
Computer Systems Analysts	4,810	\$37.75	\$24.29	\$44.48	\$35.18
Computer User Support Specialists	7,420	\$21.81	\$14.32	\$25.55	\$21.00
Computer-Controlled Machine Tool Operators, Metal and Plastic	1,970	\$20.51	\$14.41	\$23.55	\$19.70
Customer Service Representatives	33,780	\$16.99	\$11.82	\$19.57	\$15.85
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,380	\$16.19	\$12.15	\$18.22	\$15.86
Data Entry Keyers	1,500	\$15.00	\$11.08	\$16.96	\$14.81
Electrical and Electronic Equipment Mechanics, Installers, and Repairers	6,060	\$25.47	\$16.58	\$29.92	\$24.78
Electrical Engineers	1,960	\$43.69	\$30.41	\$50.34	\$41.33
Electronic Home Entertainment Equipment Installers and Repairers	120	\$18.30	\$12.17	\$21.37	\$17.69
Electronics Engineers, Except Computer Engineers	1,560	\$42.84	\$30.55	\$48.99	\$43.11
Engineers	16,040	\$42.41	\$28.29	\$49.47	\$40.32

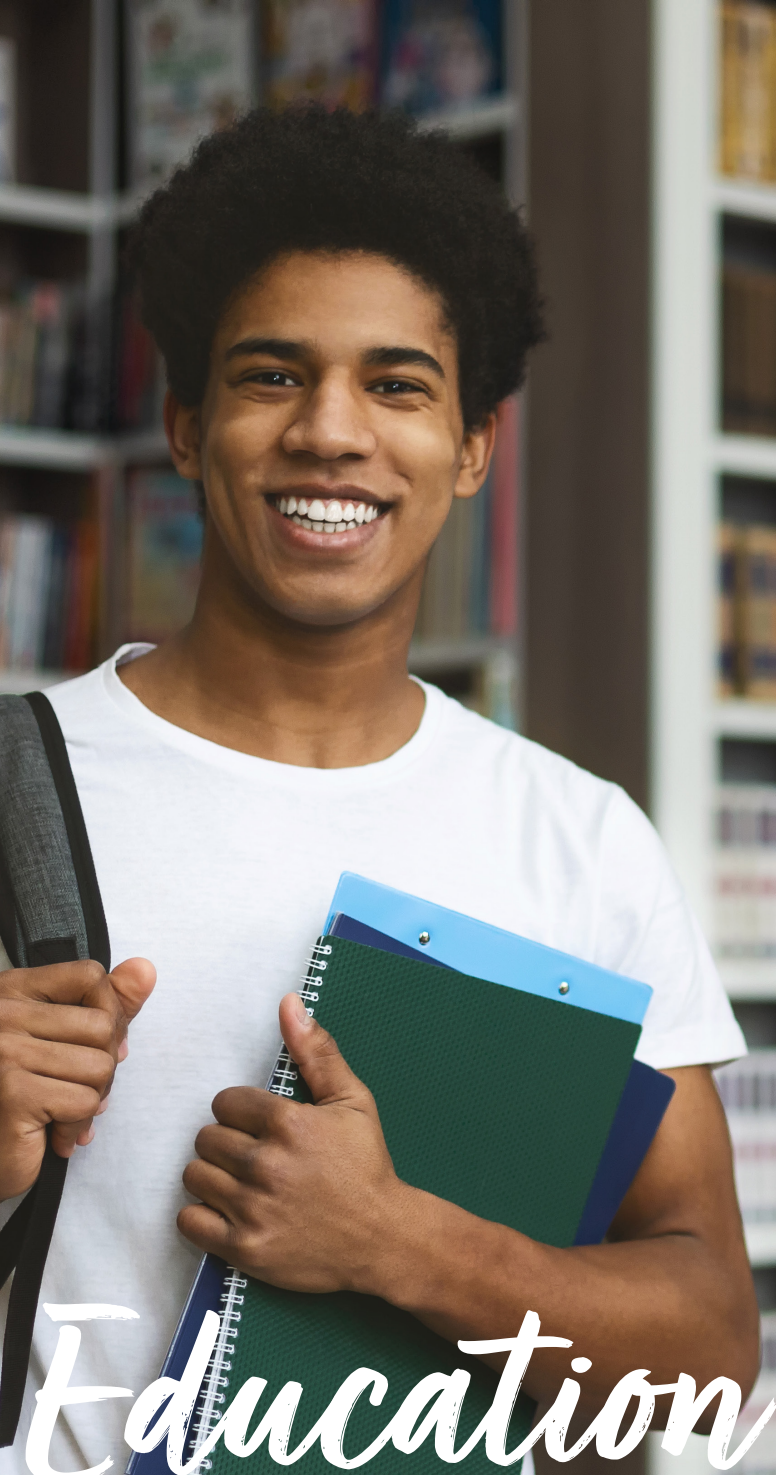
Source: Kansas Department of Labor; Labor Market Information Services & the Bureau of Labor Statistics; Occupational Employment Statistics (OES)

Additional information on wages specific to county, region or MSA can be found in the Kansas Department of Labor's [2019 Kansas Wage Survey](#).

HOURLY WAGES FOR SELECTED OCCUPATIONS

Occupational Title	Employment	Average Hourly	Entry Level Hourly	Experienced Level Hourly	Median (Middle) Hourly
Executive Secretaries and Executive Administrative Assistants	5,460	\$24.88	\$17.05	\$28.80	\$23.88
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	1,680	\$18.23	\$14.33	\$20.17	\$17.94
File Clerks	790	\$14.07	\$9.34	\$16.44	\$13.32
Financial Clerks	34,260	\$16.72	\$11.33	\$19.42	\$16.13
Financial Managers	3,990	\$62.34	\$35.72	\$75.64	\$54.87
Financial Specialists	24,290	\$34.27	\$19.37	\$41.72	\$30.00
First-Line Supervisors of Mechanics, Installers, and Repairers	5,590	\$30.35	\$19.68	\$35.69	\$28.96
First-Line Supervisors of Office and Administrative Support Workers	14,750	\$25.90	\$16.79	\$30.45	\$24.44
First-Line Supervisors of Production and Operating Workers	7,450	\$29.71	\$19.37	\$34.88	\$28.48
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	4,410	\$26.75	\$17.48	\$31.38	\$25.22
Food Processing Workers	12,460	\$14.95	\$11.58	\$16.63	\$14.91
General and Operations Managers	18,240	\$47.07	\$23.22	\$59.00	\$38.88
Industrial Engineers	2,920	\$38.26	\$26.64	\$44.07	\$37.17
Industrial Machinery Mechanics	5,260	\$24.80	\$17.03	\$28.69	\$24.55
Industrial Production Managers	1,850	\$47.73	\$31.20	\$55.99	\$45.12
Information Security Analysts	760	\$41.42	\$27.58	\$48.34	\$41.26
Installation, Maintenance, and Repair Occupations	60,260	\$22.45	\$13.76	\$26.80	\$21.01
Laborers and Freight, Stock, and Material Movers, Hand	21,090	\$15.29	\$11.03	\$17.42	\$14.72
Machinists	3,600	\$20.37	\$14.61	\$23.25	\$19.61
Management Occupations	62,660	\$50.20	\$24.86	\$62.87	\$43.64
Mechanical Engineers	2,710	\$39.52	\$26.90	\$45.83	\$36.92
Metal Workers and Plastic Workers	20,610	\$20.60	\$13.87	\$23.97	\$19.05
Office and Administrative Support Occupations	219,120	\$17.11	\$11.09	\$20.12	\$15.83
Office Clerks, General	17,170	\$14.12	\$9.35	\$16.50	\$13.64
Other Installation, Maintenance, and Repair Occupations	29,810	\$21.64	\$13.27	\$25.83	\$20.02
Packaging and Filling Machine Operators and Tenders	6,480	\$17.28	\$12.36	\$19.75	\$16.45
Packers and Packers, Hand	6,380	\$13.24	\$8.73	\$15.49	\$12.21
Production Occupations	115,460	\$19.37	\$12.19	\$22.96	\$17.69
Receptionists and Information Clerks	9,580	\$13.24	\$9.61	\$15.06	\$13.00
Secretaries and Administrative Assistants	39,730	\$17.54	\$11.82	\$20.40	\$16.72
Shipping, Receiving, and Traffic Clerks	6,180	\$16.32	\$11.83	\$18.57	\$15.50
Tool and Die Makers	860	\$29.92	\$17.53	\$36.12	\$29.74
Transportation and Material Moving Occupations	93,920	\$18.41	\$11.08	\$22.08	\$16.53
Welders, Cutters, Solderers, and Brazers	6,260	\$21.07	\$15.26	\$23.98	\$19.61
Word Processors and Typists	90	\$18.50	\$13.68	\$20.91	\$18.47

Source: Kansas Department of Labor; Labor Market Information Services & the Bureau of Labor Statistics; Occupational Employment Statistics (OES)



BUSINESS INSIDER

2019

Lawrence, KS, ranks as the No. 8 Best U.S. City for recent college grads, with the highest share of young adults among the areas studied. Additionally, the cost of living is **8.5% less expensive** than the national average.



2020

Kansas State University ranked No. 2 out of 385 colleges for **Best Quality of Life** based on the beauty, safety and friendliness on campus.

Kansas State University ranked No. 2 out of 385 colleges for **Happiest Students** based on student feedback.

University of Kansas ranked No. 18 out of 385 colleges for **Entrepreneurship: Undergrad** based on institutional survey data, including academic offerings, experiential learning opportunities and career.

University of Kansas ranked No. 2 out of 385 colleges for **Best Health Services** based on student ratings of the health services on campus.

The state's education system is one of the best in the nation and a powerful factor contributing to the success of many businesses. The high school graduation rate and percentage of the population with a bachelor's degree are both well above the national average.

A progressive business climate, coupled with a top-notch education system, has resulted in an adept, well-skilled and highly trainable workforce. A study by the Kansas Board of Regents shows tuition and fees at the state's six universities compare favorably with colleges in five neighboring states.



EDUCATING THE FUTURE WORKFORCE

Kansas colleges and universities are preparing to streamline talent for today and tomorrow's most in-demand jobs and careers. Kansas' education system is one of the best in the nation and a powerful factor in the state's economic growth. Ninety-one (91) percent of Kansas adults have a high school diploma, ranking Kansas No. 19 in that category.

Kansas is also among the top states for percent of adults with a college degree with 34% of the population having a bachelor's degree or higher. More than 40% of adults, 25 and over, in Kansas have an associate college degree. In some areas, such as Johnson County in the Kansas City area, over 50% of the adults have a college degree.

EDUCATIONAL ATTAINMENT COMPARISONS		
	Percent of Adults Age 25 years & over with HS diploma or Higher Education, 2018	Percent of Adults Age 24 years & over with Bachelor's Degree or Higher Education, 2018
Kansas	91.0 (19)	33.8 (18)
California	83.8 (15)	34.2 (16)
Oklahoma	88.4 (35)	25.6 (44)
Illinois	89.5 (31)	35.1 (13)
Missouri	90.5 (25)	29.5 (34)
New York	87.1 (43)	37.2 (9)
U.S. Average	88.3	32.6

Source: Kansas Department of Education; ACT, ACT Newsroom; U.S. Department of Commerce, Census Bureau 2020

PRIMARY AND SECONDARY SCHOOLS

K-12 Overview

In 2017, the Kansas State Board of Education set a new direction for the Kansas public school system. Kansans are demanding higher standards in academic skills, as well as employability and citizenship skills, and the need to move away from a “one-size-fits-all” system that relies exclusively on state assessments. This new vision for education calls for a more student-focused system that provides support and resources for individual success.

Outcomes to be measured:

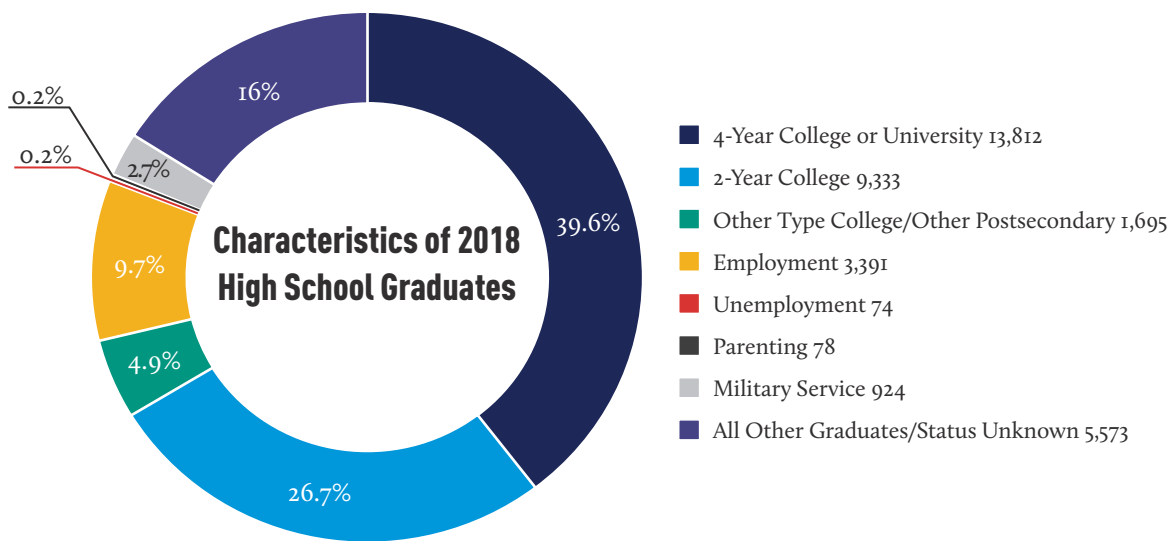
- Social-emotional growth measured locally
- Kindergarten readiness
- Individual Plan of Study based on career interest
- High school graduation
- Postsecondary success

DEFINING SUCCESS

A successful Kansas high school graduate has the academic preparation, cognitive preparation, technical skills, employability skills and civic engagement to be successful in post-secondary education, in the attainment of an industry-recognized certification or in the workforce, without the need for remediation.

Nearly 500,000 Kansans, grades K-12, were enrolled at our primary and secondary public schools in 2019. Kansas has consistently exceeded the national average on several key statistics, including pupil/teacher ratio, small class sizes, graduation rate and minority graduation rate.

The Kansas education system provides a curriculum that combines a focus on 21st century skills and student outcomes with innovative support systems to help students master the multi-dimensional abilities required for their success in the future.



Source: Kansas Department of Education

K-12 EDUCATION AND CAREER PIPELINE PROGRAMS

As part of the 2017 State Board of Education Kansans Can program, seven local school districts were accepted into the Kansans Can School Redesign Project. These seven districts serve as demonstration sites for others to study, learn and visit. To be considered for the project, districts had to designate one elementary school and one secondary school to be redesigned around the five outcomes established by the Kansas State Board of Education in the Kansans Can program.

The most dynamic programming is taking place in the following districts and programs:

BLUE VALLEY CAPS

Center for Advanced Professional Studies (CAPS) programs are nationally recognized, innovative high school programs. Students fast forward into their future and are fully immersed in a professional culture, solving real-world problems, using industry standard tools and are being mentored by actual employers, all while receiving high school and college credit. CAPS is an example of how business, community and public education can partner to produce personalized learning experiences that educate the workforce of tomorrow, especially in high-skill, high-demand jobs.

KANSAS CITY KANSAS PUBLIC SCHOOLS DIPLOMA+

Under the Kansas City Kansas Public Schools Diploma+ program, local business partners apply their resources to organize and catalyze a long-term, regionally collaborative effort. The ultimate outcome of that work will ensure every student in Kansas City graduates high school with a new diploma that is constantly informed by the world around it, and nimble enough to maintain relevance far into the future.

Diploma+ Academies:

- Civil Engineering and Architecture
- Geospatial Technology
- Financial Planning
- Game and Simulation Design
- Sports Medicine / Exercise Science
- Engineering
- Marketing
- Digital Communications and Multimedia
- Health Informatics
- Social Services
- Pre-Law
- Marketing Management
- Business Finance
- Animal Science and Industry
- Teaching as a Profession
- Manufacturing
- Programming and Software Development

AVERAGE ACT SCORES BY STATE, 2018		
State	Average Score	Rank - Score
Kansas	21.6	23
California	22.7	16
Colorado	23.9	9
Illinois	23.9	9
Missouri	20.0	36
Nebraska	20.1	35
New York	24.5	4
North Dakota	20.3	31
Oklahoma	19.3	43
Texas	20.6	28
U.S. Average	20.8	-

Source: ACT, ACT Newsroom; ACT National and State Score

PUBLIC SCHOOL PUPIL-TEACHER RATIO, FALL 2016		
State	Pupil-Teacher Ratio	Rank
Kansas	13.7	14
California	23.2	50
Colorado	17.4	41
Illinois	15.7	35
Missouri	13.5	12
Nebraska	13.5	13
New York	13.1	9
North Dakota	11.8	2
Oklahoma	16.9	39
Texas	15.2	29
U.S. Average	16.0	-

Source: U.S. Department of Education, National Center for Education Statistics

LAWRENCE COLLEGE & CAREER ACADEMY

The Lawrence College & Career Academy (LCCA) prepares students for self-sustainability through learning academic, career, social and emotional skills leading to high school graduation, career path employment and successful completion of a wide variety of post-secondary education opportunities.

OLATHE PUBLIC SCHOOLS 21ST CENTURY ACADEMIES

The Olathe Public Schools offer 15 unique and innovative 21st Century Academies for high school students. These academies are housed within the district's high schools. These innovative, four-year programs allow students to build upon their interests and learn specific knowledge and skills they can apply towards their post-secondary experiences and career fields. The district has a long history of innovative 21st Century Academies, dating back to 2003.

Academy Programs:

- Green Tech
- Public Safety
- Animal Health
- Medical Professions
- Geoscience
- Sports Medicine and Exercise Science
- Distinguished Scholars
- Engineering
- eCommunications
- Business Finance
- Computer Science
- BioEngineering
- Future Educators
- Design
- Civic Leadership



SHAWNEE MISSION PUBLIC SCHOOLS SIGNATURE PROGRAMS

Shawnee Mission Public Schools Signature Programs provide high school students the opportunity to explore unique areas of study in preparation for specialized academic and future career opportunities. Students participating in Signature Programs receive targeted instruction that is both rigorous and relevant.

Signature Programs:

- [Animation and Game Design](#)
- [Biotechnology](#)
- [Culinary Arts and Hospitality](#)
- [Engineering - Project Lead the Way](#)
- [Medical Health Science](#)

The Center also serves as the home to the [Broadmoor Urban Farm](#), a unique urban farm concept initiated by the students and faculty in the Culinary Arts and Hospitality program. Students and the community benefit from the Farm to Table experience, in which students cultivate fresh food to be included into the Shawnee Mission School District's award-winning [Broadmoor Bistro](#).

The [Career and Technical Campus](#) opened in early 2019 and serves the [Project Blue Eagle](#) program. Students can explore four career paths: law enforcement, firefighting, EMT and the legal profession. Courses introduce students to basic law; the history of each of the four professional areas; an explanation of how each professional area works, the requirements, their compensation; and all of the information necessary for a student to consider moving toward this career path. Students will work with a real ambulance and firetruck owned by the district.

The [International Baccalaureate \(IB\) Program](#), offered at [Shawnee Mission East](#), [Shawnee Mission North](#), and [Shawnee Mission Northwest](#), is an internationally recognized curriculum that provides the knowledge and critical-thinking skills students require to compete in a global context. The IB learner profile includes students who

are inquirers, knowledgeable, thinkers, communicators, principled, open-minded, caring, risk-takers, balanced and reflective. Students successfully completing their studies and exams across six subject groups: Theory of Knowledge (TOK), Creativity, Action, Service (CAS) and the extended essay earn a second diploma that is recognized internationally. More than 1,228,000 students worldwide participate in IB programs. The program is offered in more than 3,914 public and private schools in more than 146 countries around the world. Of those, 1,808 programs are in the United States, with eight in Kansas. Nearly half of the state's IB Diploma programs are in Shawnee Mission.

TOPEKA CENTER FOR ADVANCED LEARNING & CAREERS

The Topeka Center for Advanced Learning and Careers (TCALC) is all about students solving real-world problems with real tools, used by real professionals, being mentored by real employers, leading to real contributions in the professional area. The TCALC is an innovative high school program created through business partnerships. This program provides students with the opportunities to deeply explore professions of high interest through profession-based, inquiry-based and project-based curriculum as a junior and/or senior. Students are provided authentic exposure and skill acquisition in high-demand, high-skill 21st century professions.

TCALC Pathways:

- Teaching
- Medical Professions
- Construction Trades Technology
- Web and Digital Communication
- Engineering and Applied Math
- Baking and Pastry Arts Management
- Sports Medicine
- Emergency and Fire Management
- Law and Public Safety
- Animal Science

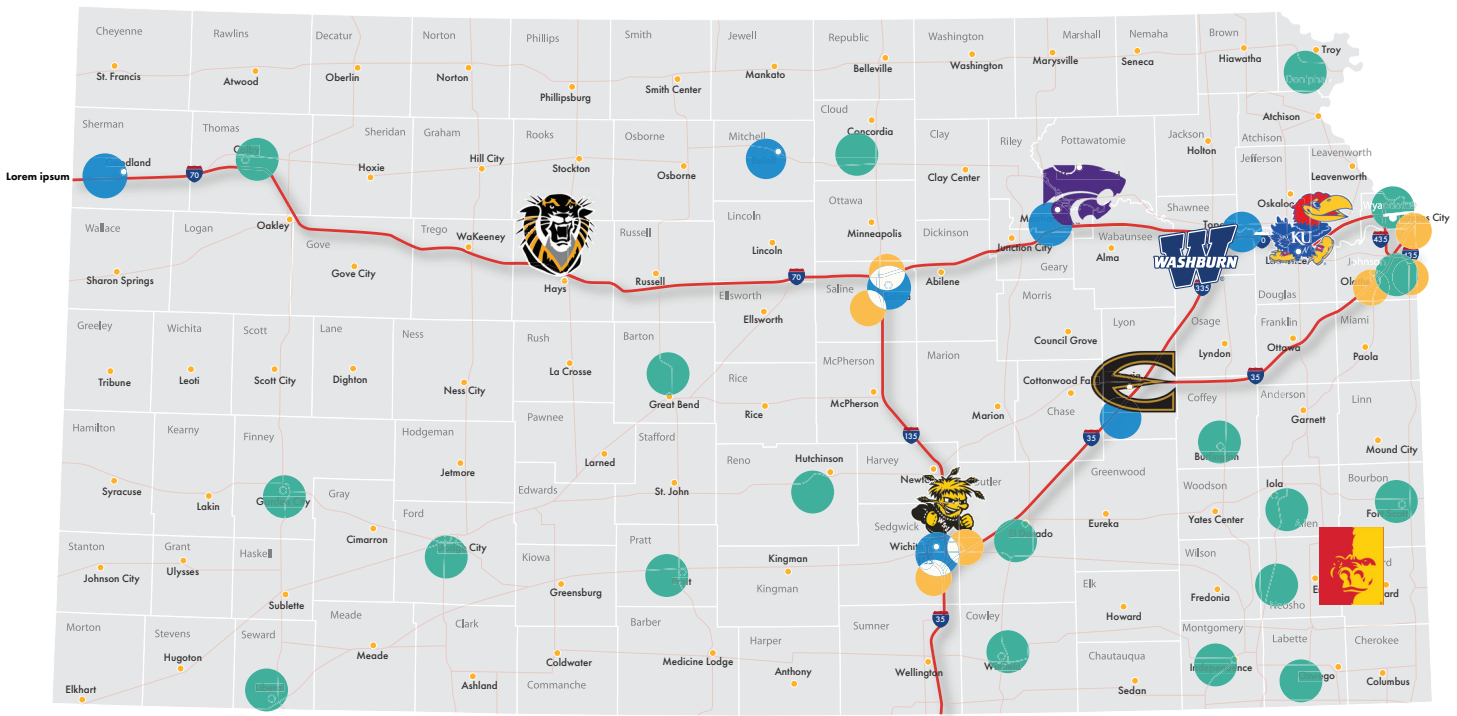
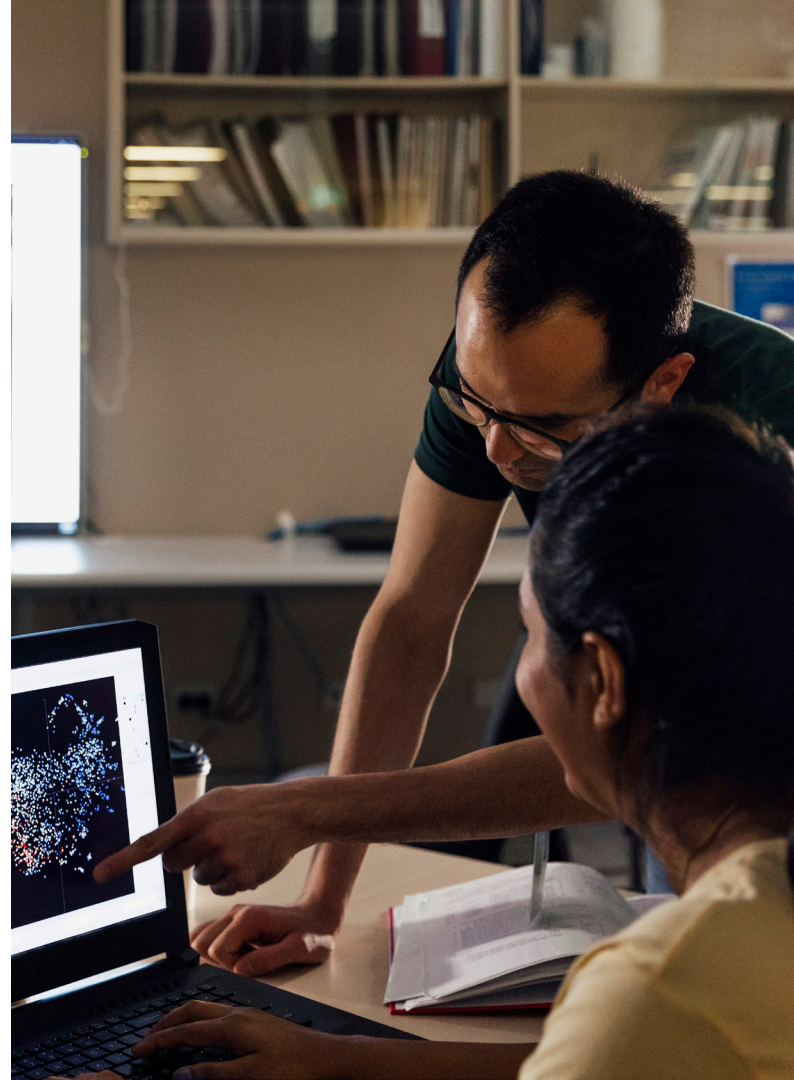


POST-SECONDARY INSTITUTIONS

The public system of higher education within the state of Kansas includes four sectors: six state universities, one municipal university, 19 community colleges and seven technical colleges.

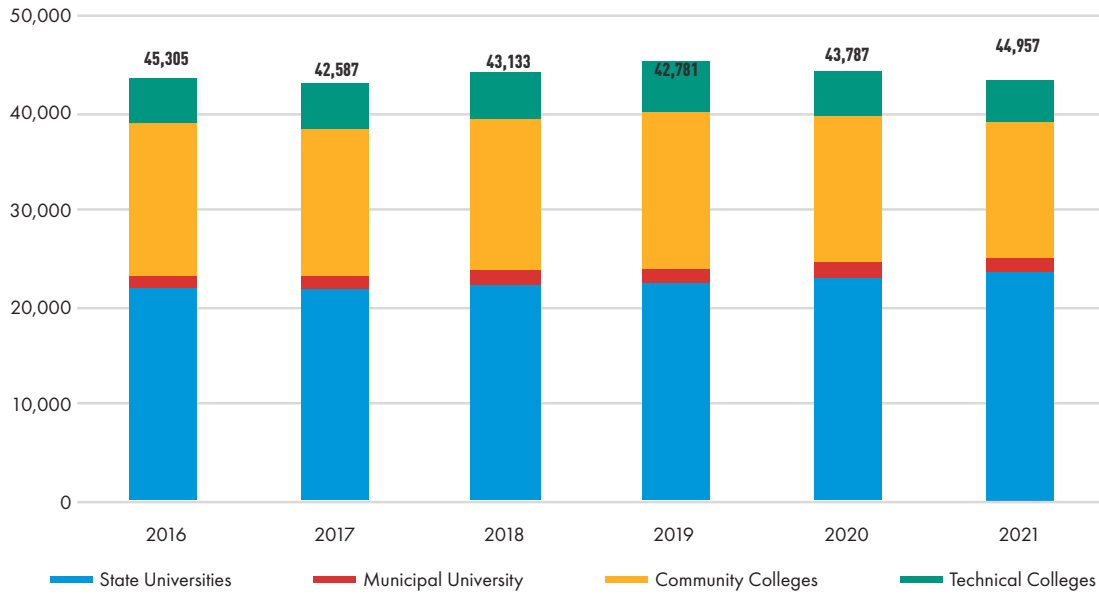
The Kansas Board of Regents governs the state universities and has coordinating authority over the other three sectors. Annually, the system enrolls nearly 243,000 students in a wide array of academic disciplines and degree programs.

The system annually awards almost 45,000 credentials ranging from certificates to doctoral degrees. Programs at our public post-secondary institutions support our diverse industries with graduates educated in the most current industry practices.

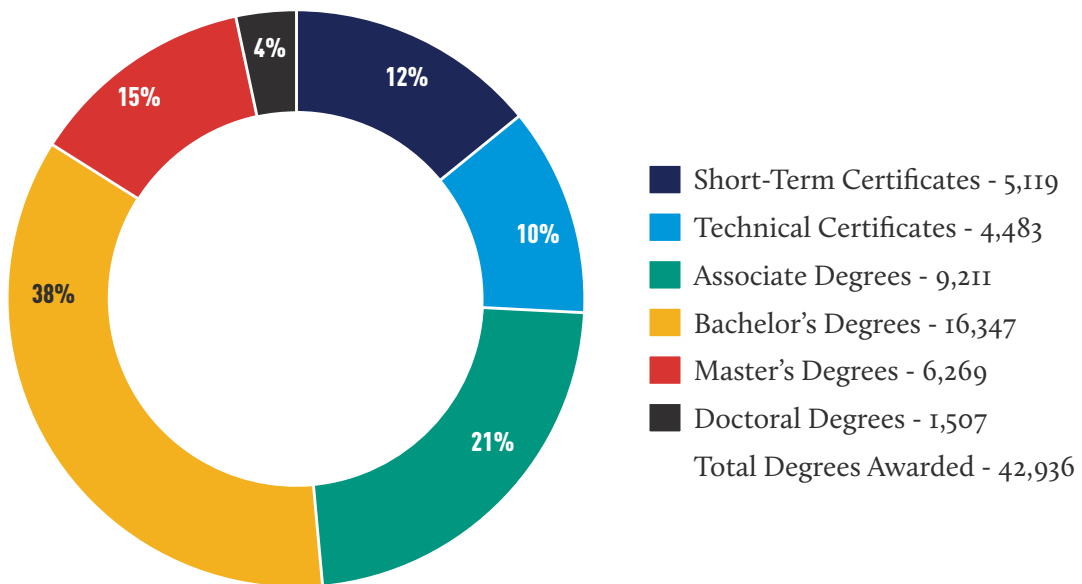


7 University 19 Community College 7 Technical College 7 Satellite Campus

NUMBER OF CERTIFICATES AND DEGREES AWARDED BY UNIVERSITIES, COMMUNITY AND TECHNICAL COLLEGES



SYSTEMWIDE PERCENTAGE OF COMPLETIONS BY CREDENTIAL TYPE, ACADEMIC YEAR 2021



Source: Kansas Board of Regents, KHEDS AY Collection - Accessed Oct. 2021

CREDENTIALS GIVEN BY PROGRAM, 2021	
Program Type	Academic Year 2021
Agriculture, Agriculture Operations and Related Science	1,198
Architecture and Related Services	207
Area, Ethnic, Cultural, Gender, and Group Studies	71
Biological and Biomedical Sciences	933
Business, Management, Marketing, and Related Support Se	5,249
Communication, Journalism, and Related Programs	812
Communications Technologies/Technicians and Support Ser	122
Computer and Information Sciences and Support Services	963
Construction Trades	597
Education	3,737
Engineering	1,487
Engineering Technologies and Engineering-Related Fields	832
English Language and Literature/Letters	296
Family and Consumer Sciences/Human Sciences	310
Foreign Languages, Literatures, and Linguistics	190
Health Professions and Related Programs	10,085
History	149
Homeland Security, Law Enforcement, Firefighting, and R	438
Interpersonal and Social Skills	^
Legal Professions and Studies	326
Liberal Arts and Sciences, General Studies and Humaniti	7,024
Library and Information Science	165
Mathematics and Statistics	216
Mechanic and Repair Technologies/Technicians	1,007
Military Technologies	^
Multi/interdisciplinary Studies	608
Natural Resources and Conservation	81
Parks, Recreation, Leisure, and Fitness Studies	475
Personal and Culinary Services	388
Philosophy and Religious Studies	61
Physical Sciences	275
Precision Production	1,051
Psychology	1,051
Public Administration and Social Service Professionals	610
Science Technologies/Technicians	81
Social Sciences	884
Transportation and Materials Moving	185
Visual and Performing Arts	772
Unknown	^
Total	42,936

Source: KHEDS Academic Year Collection, Accessed October 2021

^ Indicates a cell has been marked for small-cell protection.





PERCENT OF CERTIFICATES AND DEGREES AWARDED IN STEM FIELDS

Workers in the Science, Technology, Engineering and Mathematics (STEM) fields continue to be in high demand, and according to the National Science and Technology Council, the projected nationwide supply of qualified professionals to fill these roles cannot meet demand. An educated workforce prepared for STEM occupations is essential for the growth of our state's economy.

From AY 2012 to AY 2019, there has been a 1.2 percentage point increase in the percent of all awards in STEM fields (37.9 percent to 39.1 percent); moreover, the number of STEM awards increased by 1,784 awards during that same period. While the majority of STEM awards each year are certificates, universities have also made gains since 2012 in increasing the number of bachelor's degrees and advanced degrees in STEM fields fueled, in part, by the University Engineering Initiative Act.

TOTAL NUMBER OF STEM FIELD CERTIFICATES & DEGREES

Award Type	2012	2013	2014	2015	2016	2017	21018	2019
Certificates	7,286	7,242	8,283	7,446	7,601	7,565	7,535	7,946
Associate Degrees	2,220	2,258	2,366	2,260	2,049	1,908	1,923	2,053
Bachelor's Degrees	4,118	4,543	4,483	4,529	4,746	4,876	5,273	5,310
Advanced Degrees	2,176	2,076	2,193	2,360	2,353	2,458	2,324	2,275
Grand Total	15,800	16,119	17,325	15,595	16,749	16,807	17,055	17,584

Source: KBOR KHEDS AY Collection

TOTAL PERCENTAGE OF STEM FIELD CERTIFICATES & DEGREES AMONG ALL REWARDS

Award Type	2012	2013	2014	2015	2016	2017	21018	2019
Certificates	69.1%	68.4%	71.6%	69.6%	69.7%	69.4%	68.0%	68.1%
Associate Degrees	25.2%	24.3%	24.5%	22.8%	21.1%	20.4%	19.7%	20.1%
Bachelor's Degrees	26.2%	28.4%	28.7%	29.7%	30.0%	31.7%	33.4%	33.4%
Advanced Degrees	32.7%	33.0%	33.7%	34.8%	35.1%	34.7%	32.3%	31.5%
Grand Total	37.9%	38.3%	40.0%	38.9%	38.8%	39.4%	38.9%	39.1%

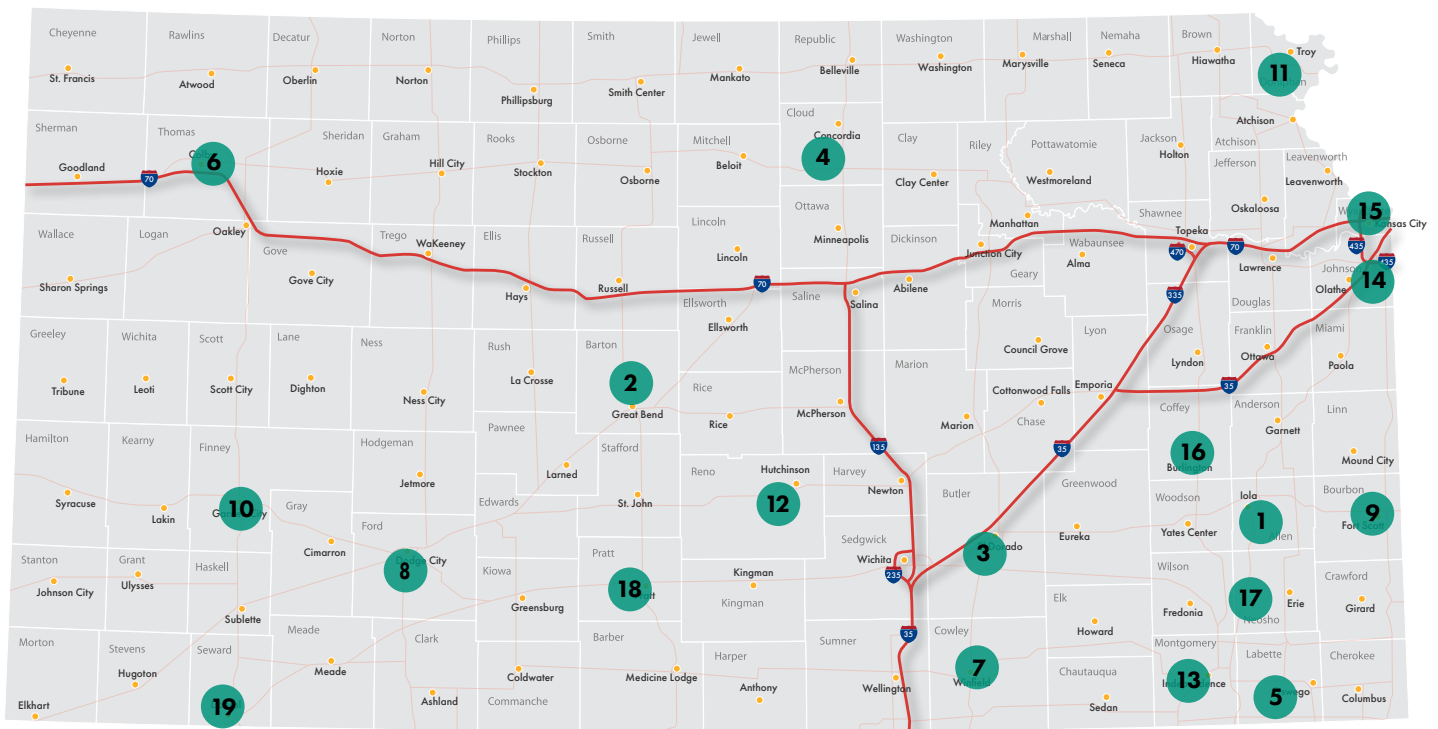
Source: KBOR KHEDS AY Collection

COMMUNITY COLLEGES

Kansas provides a strong two-year education through a vast network of 19 public community colleges that are located across the state. Our community colleges offer programs ranging from cybersecurity and biotechnology, to supply-chain management. These colleges provide education and training for your incoming workforce and current employees.

Almost 110,000 students were enrolled at our community colleges at the beginning of the 2019 academic year.

Our community colleges annually award over 16,000 certificates and associate degrees. Certificates include Short-Term Certificates (fewer than 16 Credit Hours); Technical Certificates: A (16-29 Credit Hours), B (30-44 Credit Hours), C (45-59 Credit Hours); and Associate Degrees (more than 60 Credit Hours).

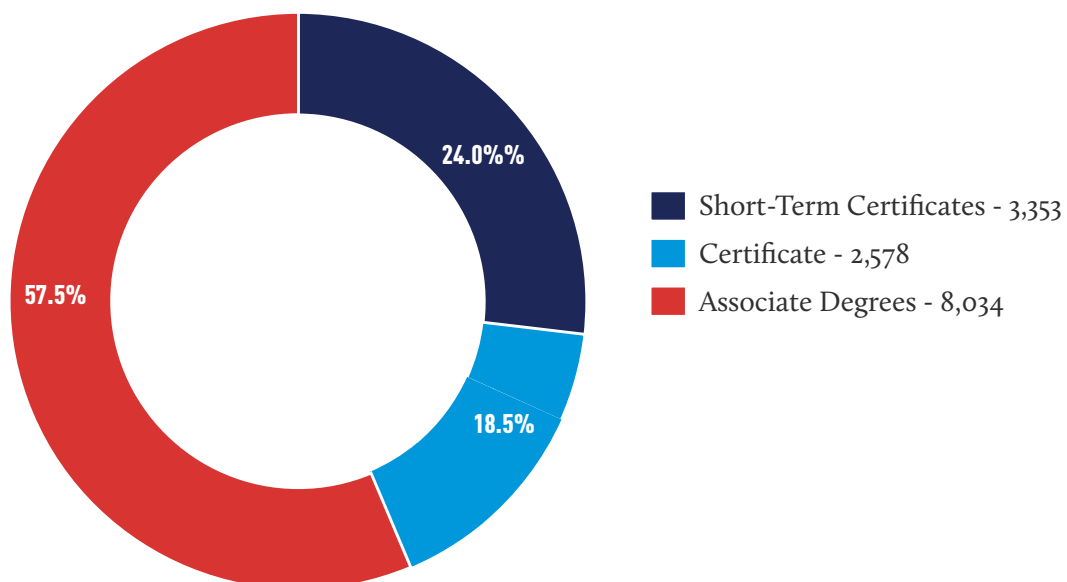


19 Community College

- | | | |
|-----------------------------------|-------------------------------------|---|
| 1 Allen County Community College | 8 Dodge City Community College | 15 Kansas City Kansas Community College |
| 2 Barton County Community College | 9 Fort Scott Community College | 16 Labette Community College |
| 3 Butler Community College | 10 Garden City Community College | 17 Neosho County Community College |
| 4 Cloud County Community College | 11 Highland Community College | 18 Pratt Community College |
| 5 Coffeyville Community College | 12 Hutchinson Community College | 19 Seward County Community College |
| 6 Colby Community College | 13 Independence Community College | |
| 7 Cowley County Community College | 14 Johnson County Community College | |



COMMUNITY COLLEGE DEGREES & CERTIFICATES AWARDED BY TYPE, ACADEMIC YEAR 2021



Source: Kansas Board of Regents, KHEDS AY Collection - Accessed Oct. 2021

TECHNICAL COLLEGES

Kansas provides strong technical education through a network of seven public technical colleges that are located across the state.

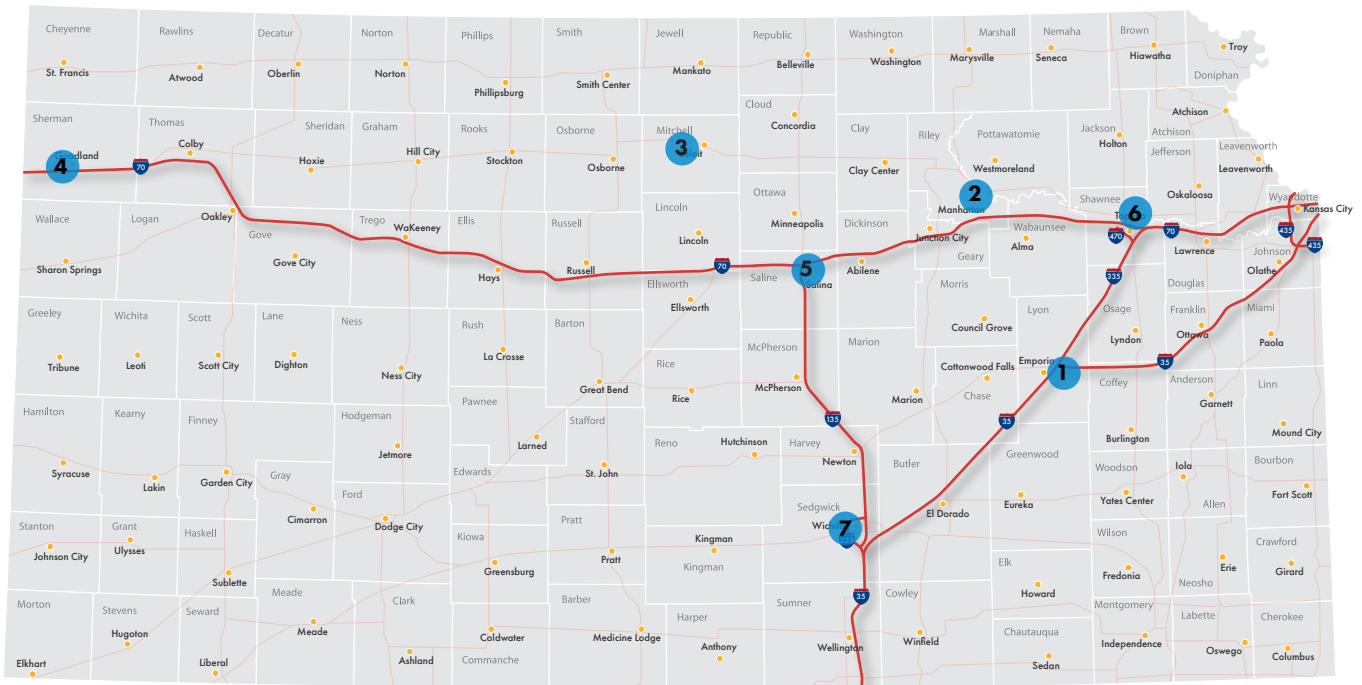
When it comes to training our next workforce and attracting more skilled jobs to our state, Kansas technical colleges are at the forefront. For more than 50 years, our state's technical colleges have trained and prepared students to meet the ever-changing demands of today's employers.

More than 17,300 students were enrolled at our technical colleges at the beginning of the 2019 academic year.

Our technical colleges annually award over 5,200 certificates and associate degrees. Certificates include Short-Term Certificates (fewer than 16 Credit Hours); Technical Certificates: A (16-29 Credit Hours), B (30-44 Credit Hours), C (45-59 Credit Hours); and Associate Degrees (more than 60 Credit Hours).



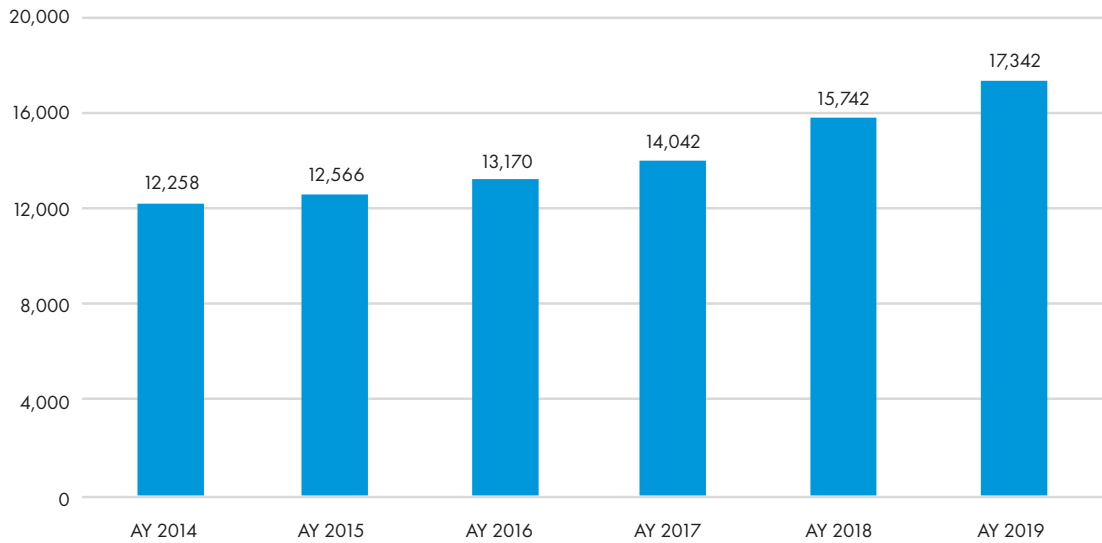
Kansas technical colleges rank among the best in the country, with all seven colleges having ranked among the Top 10% in the nation of two-year colleges.



7 Technical College

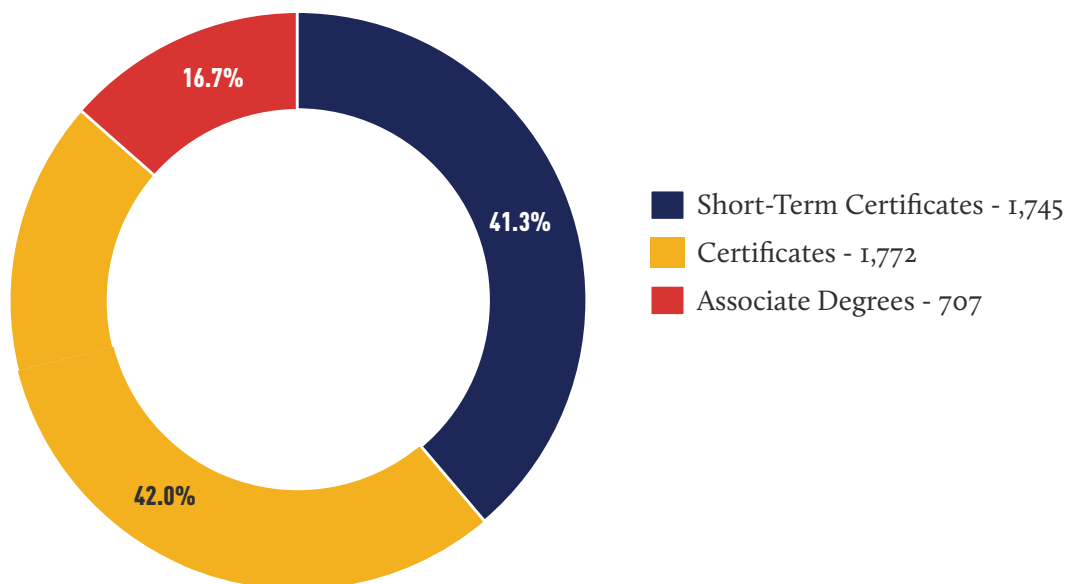
- 1 Flint Hill Area Technical College
- 2 Manhattan Area Technical College
- 3 North Central Kansas Technical College
- 4 Northwest Kansas Technical College
- 5 Salina Area Technical College
- 6 Washburn Institute of Technology
- 7 WSU Tech

TOTAL HEADCOUNT AT TECHNICAL COLLEGES IN KANSAS



Source: Kansas Board of Regents, Kansas Higher Education Reporting System

TECHNICAL COLLEGE DEGREES & CERTIFICATES AWARDED BY TYPE, ACADEMIC YEAR 2021



Source: Kansas Board of Regents, KHEDS AY Collection, Accessed Oct. 2021

UNIVERSITIES

Kansas universities have enjoyed increased research support for the last several years. Combined, all three research universities (University of Kansas, Kansas State University, Wichita State University) were funded \$638.5 million for research and development activity, with \$254.3 million of that coming from federal sources. Total research funding for Kansas universities increased 11% in the last fiscal year. Federal funding increased 3.7%, primarily at the University of Kansas and Kansas State University.

More than 115,000 students were enrolled at Kansas universities at the beginning of the 2019 academic year.

Our six state and one municipal universities annually award more than 22,000 Certificates, Associate Degrees, Bachelor's Degrees, Master's Degrees and Doctoral Degrees in academic year 2019. Credit hours for the certificate and degree programs are dictated by the Kansas Board of Regents.



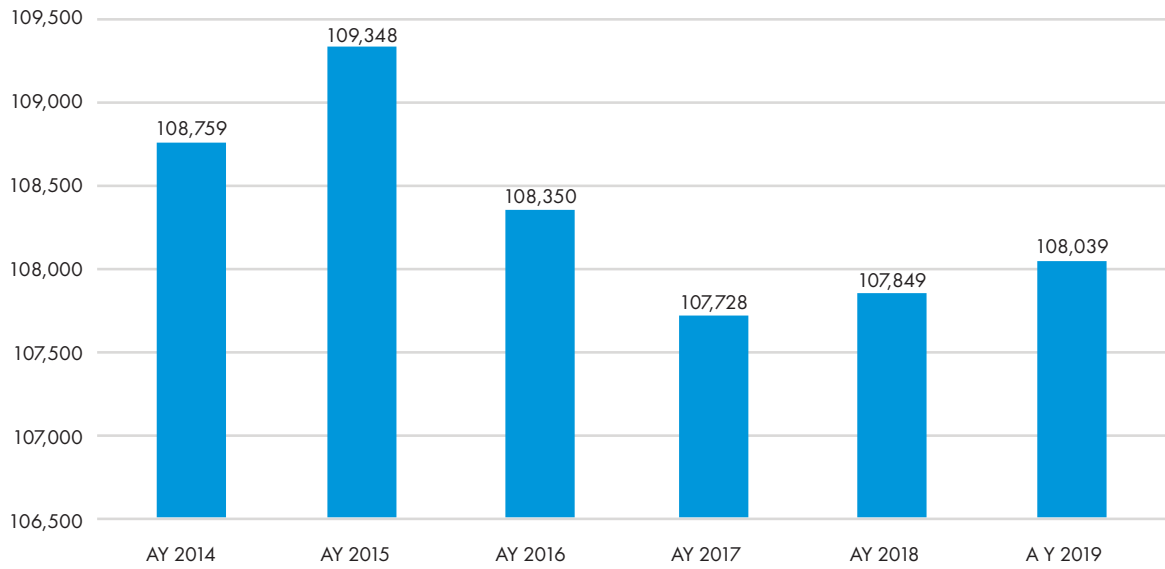
Our universities across the state offer nationally recognized degree programs ranging from veterinary medicine to nanotechnology, aviation to polymer research, just to name a few. In addition, many of our universities have been ranked in the Top 10 for quality of life, student satisfaction and health services.



- 7** Satellite Campus
- 7** University

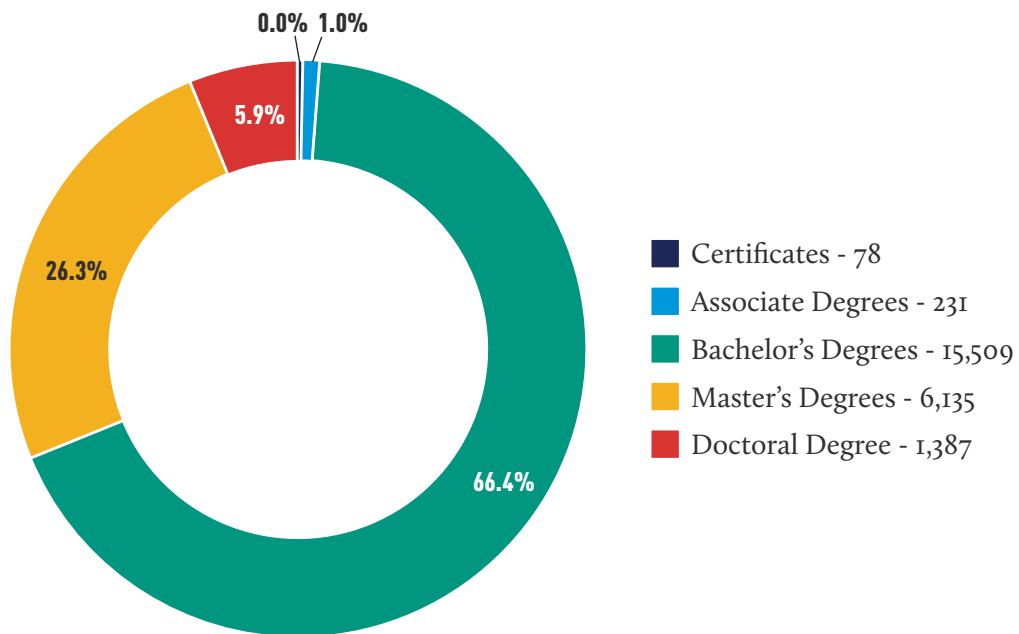
- 1 Kansas State Polytechnic
- 2 Kansas State University Olathe
- 3 University of Kansas Edwards Campus
- 4 University of Kansas Medical Center- Kansas City, MO
- 5 University of Kansas Medical Campus – Salina
- 6 University of Kansas Medical Campus – Wichita
- 7 Wichita State University – Haysville

TOTAL HEADCOUNT AT KANSAS UNIVERSITIES



Source: Kansas Board of Regents, Kansas Higher Education Reporting System

UNIVERSITY DEGREES & CERTIFICATES AWARDED BY TYPE, ACADEMIC YEAR 2021



Source: Kansas Board of Regents, KHEDS AY Collection, Accessed Oct. 2021

KANSAS STATE UNIVERSITY

Kansas State University (K-State) is a major comprehensive public research university with a faculty of more than 1,300 and an enrollment of more than 24,000 students. The university is a recognized leader in animal health and food safety and security, which is drawing national research centers to Manhattan: the U.S. Department of Homeland Security's National Bio- and Agro-Defense Facility, the U.S. Department of Agriculture's Center for Excellence in Emerging and Zoonotic Animal Diseases and the Arthropod-Borne Animal Disease Research Unit.

K-State faculty received 1,553 research awards, which set an annual funding record for the school of \$173,586,081. K-State continues to attract industry-funded projects and experienced a 23% increase in these types for projects from FY 2018 to FY 2019. The total industry-funded projects for 2019 was 359, which led to a 13% increase in funding, equating to \$3.6 million.

K-State is on the path to becoming a Top 50 public research university by 2025. Innovative researchers are leading the charge in improving the global food system, bioscience technology and animal health using interdisciplinary approaches that capitalize on existing resources. Research efforts bring in more than \$170 million in sponsored research annually, including \$31 million in corporate-sponsored research and \$2.8 million in licensing revenue. Additionally, corporate engagement and economic development efforts have created nearly 600 new jobs in the region, and more than 275 patents have been granted to the university in the last 10 years.

- No. 1 - Average starting salary for graduates in Kansas (Smart Asset, 2019)
- No. 2 - In the nation for Town-Gown relations (Princeton Review, 2019)
- No. 12 - University in the nation for improving students' critical thinking skills (Wall Street Journal, 2017)
- No. 1 - Value in higher education in the state (Money Magazine, 2019)
- No. 1 of 64 - Public universities in the nation designated as an Innovation and Economic Prosperity University (APLU, 2019)
- Top College for Diversity - In 2019, K-State received its sixth consecutive Higher Education Excellence in Diversity award for inclusive efforts and practices.
- No. 2 - [Kansas State Polytechnic](#) in Salina, Kansas was named the No. 2 Unmanned Aerial Systems College in the United State and boasts a 98% job placement rate.
- Leading publications are calling K-State one of the best colleges in the nation, including U.S. News and World Report and The Princeton Review's Best 373 Colleges. And with nods from Military Advanced Education magazine and G.I. Jobs magazine, K-State is a perennial selection as one of the nation's most military-friendly universities.



What you may not know about Kansas State:



K-State Research Facilities and Centers

Kansas State University ensures our researchers and partners have the tools they need to solve global challenges. The university is home to more than 90 research centers, from the 3,487-hectare Konza tallgrass prairie to the Biosecurity Research Institute's focus on food safety.

Explore our wide array of research facilities at all three Kansas State University campuses and work across the state of Kansas through [K-State Research and Extension](#).

Core Facilities

- [Beocat](#)
- [Biotechnology Core Facility](#)
- [Biosecurity Research Institute](#)
- [Bulk Solids Innovation Center](#)
- [Confocal Microscopy Facility](#)
- [Electronic Design Laboratory](#)
- [Electron Microscopy Facility](#)
- [Flow Cytometry Laboratory](#)
- [Geographic Information Systems Spatial Analysis Laboratory](#)
- [Integrated Genomics Facility](#)
- [K-State Olathe Innovation Accelerator](#)
- [Molecular Biology Facility](#)
- [NMR Laboratory](#)
- [Nuclear Reactor Facility](#)
- [Statistics Consulting Laboratory](#)

Centers and Institutes

- [Applied Aviation Research Center](#)
- [Beef Cattle Institute](#)
- [Biosecurity Research Institute](#)
- [Bulk Solids Innovation Center](#)
- [Center for Engagement and Community Development](#)
- [Center for Genomic Studies on Arthropods Affecting Human, Animal, and Plant Health](#)
- [Center for Hazardous Substance Research](#)
- [Center for Information and Systems Assurance](#)
- [Center for Outcomes Research and Epidemiology](#)
- [Center for Quantitative Education](#)
- [Center for STEAM Education](#)
- [Center of Excellence for Emerging and Zoonotic Animal Diseases](#)
- [Center of Excellence for Vector-Borne Diseases](#)
- [Center of Excellence for Translational and Comparative Oncology Research](#)
- [Center on Aging](#)
- [Chapman Center for Rural Studies](#)
- [Collaborative Intercultural and Multilingual Advocacy Center](#)
- [Ecological Genomics Institute](#)

- [Food Innovation Accelerator](#)
- [Food Programs and Services](#)
- [Food Science Institute](#)
- [Geographic Information Systems Spatial Analysis Laborator](#)
- [Huck Boyd Center for Community Media](#)
- [Institute for Civic Discourse and Democracy](#)
- [Institute for Environmental Research](#)
- [Institute for Military History and 20th Century Studies](#)
- [Institute of Computational Comparative Medicine](#)
- [J R MacDonald Laboratory](#)
- [Johnson Cancer Research Center](#)
- [Kansas City Design Center](#)
- [Kansas Cooperative Fish and Wildlife Research Unit](#)
- [Kansas Lipidomics Research Center](#)
- [Konza Prairie Biological Station](#)
- [KSU Bioinformatics Center](#)
- [KSU Herbarium](#)
- [Nanotechnology Innovation Center of Kansas State](#)
- [National Agricultural Biosecurity Center](#)
- [National Gas Machinery Laboratory](#)
- [Pollution Prevention Institute](#)
- [Semiconductor Materials for Radiological Technologies Lab](#)
- [Sensory Analysis Center](#)
- [Technology Development Institute](#)
- [University Transportation Center](#)
- [U.S.-China Center for Animal Health](#)

Regional Affiliations

BioNexus KC

BioNexus KC, formerly the Kansas City Area Life Sciences Institute, strives to advance the life sciences in the KC region through research, commercialization and workforce development.

Animal Health Corridor

The Corridor, anchored by Manhattan, Kansas, and Columbia, Missouri, is home to more than 300 animal health companies, representing the largest concentration in the world.

Industry Partnerships

K-State prides itself on a business-friendly approach. Companies can explore research collaboration, professional development and co-location options to build fruitful partnerships.

- [Access research and innovation](#)
- [Explore a strategic partnership](#)
- [Find talent and resources](#)
- [Co-locate with K-State](#)
- [Explore professional development opportunities](#)
- [Invest in K-State](#)
- [Schedule a visit](#)
- [Learn about contract and agreement options](#)

UNIVERSITY OF KANSAS

The University of Kansas (KU), with an enrollment of more than 31,410 students, 2,600 faculty and 2,500 medical center faculty members, offers over 400 areas of academic studies. Ranking among the nation's top 50 public universities, KU is one of just 36 public schools in the prestigious Association of American Universities. It has a strong research portfolio, with many opportunities available to partner with businesses. While the main campus for the university is located in Lawrence, affiliate KU Medical Center is in Kansas City, Kansas. The University of Kansas boasts 13 academic schools with campuses in Overland Park, Salina and Wichita and educational and research centers in Garden City, Hays, Parsons, Pittsburg, Topeka and Yoder.

KU continues to build on a tradition of strong academics. The National Science Foundation and the Carnegie Foundation both classify KU as a top research university. KU works to educate leaders, build healthy communities and make discoveries that change the world. Those discoveries also create jobs for Kansans and prosperity for the state. KU's strengths in drug discovery, biorefining and engineering continue to draw companies to Kansas.

KU works to spur faculty and student entrepreneurship and tracks patents and active startup companies as part of its evaluation of the university's overall goals. Additionally, the university has a strong research commercialization focus, with three business incubator facilities located in Lawrence and at the KU Medical Center housing both university spin-outs and companies eager to partner with researchers at the university.

KU continues to demonstrate its research strength by conducting nearly \$250 million in research activity. Many of

these research projects are industry-supported. There are 45 active start-ups from KU technology, 30 of which are based in Kansas. In the last 10 years, KU has enticed 29 companies to move to Kansas to be closer to KU researchers and student interns. KU is also home to the Institute of Policy and Social Research (IPSR), the designated state data center and Census partner for the state.

KU serves the State of Kansas in a number of ways:

- KU collaborated with area economic development associations to create the Bioscience and Technology Business Center, which is home to 52 tenant companies, totaling 326 employees and more than \$19 million in payroll.
- A nationally-designated Cancer Center and Alzheimer's Disease Center serve Kansas and the region.
- More than half of all Kansas doctors trained at KU.
- Each year, KU trains more than 8,300 firefighters and first responders and 8,000 law enforcement officers.
- KU provides free health services to underserved patients through student-run JayDoc clinics in Kansas City and Wichita.

What you may not know about the University of Kansas:

- 45 - Active startup companies based on KU research
- No. 7 - School of Pharmacy in NIH research funding
- 48 - Nationally ranked graduate programs (U.S. News & World Report)
- 52 - Corporate tenants in KU's Bioscience and Technology Business Center, including Garmin and ADM
- 1 of 36 - U.S. public institutions in the prestigious Association of American Universities
- 27 - Rhodes Scholars, more than all other Kansas schools combined





University of Kansas Research Facilities and Centers

The University of Kansas Office of Research facilitates innovation, creative activity, discovery and the application and dissemination of knowledge. To accomplish this mission, KU Research advocates for research, implements research integrity requirements and, through the KU Center for Research (KUCR), manages the administration of research grants and contracts. KU Research also has oversight of activities related to technology commercialization and business and industry outreach.

Core Research Labs

The University of Kansas research staff works together with faculty, students and industry researchers to acquire data, train users to operate the instruments themselves, help with planning experiments and interpreting the data. They also frequently are co-authors of publications and investigators on grant proposals. Discover why some of the nation's top investigators are doing their research at KU.

- [Advanced Computing Facility](#)
- [Analytical Proteomics](#)
- [Animal Care Unit](#)
- [Applied Bioinformatics](#)
- [BIO Center](#)
- [Biological Irradiation](#)
- [Biomolecular NMR](#)
- [Center for Research Computing](#)
- [Chemical Methodologies and Library Development](#)
- [Computational Chemical Biology](#)
- [Experimental and Preclinical Imaging](#)
- [Genome Sequencing](#)
- [Genomics and Bioinformatics](#)
- [Genomics Facility](#)
- [High Throughput Screening](#)
- [Immunology](#)
- [Infectious Disease Assay Development](#)

- [Instrumentation Design](#)
- [KU Nanofabrication Facility](#)
- [Mass Spectrometry](#)
- [Medicinal Chemistry](#)
- [Microscopy and Analytical Imaging](#)
- [Molecular Graphics and Modeling](#)
- [Molecular Probes](#)
- [Nuclear Magnetic Resonance](#)
- [Protein Production Group](#)
- [Protein \(X-ray\) Structure](#)
- [Solid State NMR](#)
- [Specialized Chemistry Center](#)
- [Synthetic Chemical Biology](#)
- [X-Ray Crystallography](#)

Designated Research Centers and Institutes

- [Achievement and Assessment Institute \(AAI\)](#)
- [Biodiversity Institute and Natural History Museum \(BI/NHM\)](#)
- [Center for Environmentally Beneficial Catalysis \(CEBC\)](#)
- [Center for Remote Sensing of Ice Sheets \(CREGIS\)](#)
- [Hall Center for the Humanities](#)
- [Higuchi Biosciences Center \(HBC\)](#)
- [Information and Telecommunication Technology Center](#)
- [Institute for Bioengineering Research \(IBER\)](#)
- [Institute for Policy and Social Research \(IPSR\)](#)
- [Life Span Institute \(LSI\)](#)

Other Centers and Programs

- [COBRE: Cancer Experimental Therapeutics](#)
- [COBRE: Chemical Biology of Infectious Disease](#)
- [COBRE: Center for Molecular Analysis of Disease Pathways](#)
- [Ralph N. Adams Institute for Bioanalytical Chemistry](#)

Affiliated Centers

- [Biopharmaceutical Innovation and Optimization Center](#)



WICHITA STATE UNIVERSITY

Wichita State University (WSU) is a comprehensive urban-serving research university of more than 18,500 students and more than 700 faculty in Wichita, Kansas. WSU offers graduate (master's and doctorate) and undergraduate degree programs in seven colleges and over 175 majors and minors. Wichita State research programs attracted \$104.5 million in funding in FY 2019 and increased industry-supported research by \$3 million.

The University is classified as an “R2: Research Universities (higher research activity)” in the Carnegie Classification of Institutions of Higher Education. The University offers internationally recognized research programs in aviation and advanced materials. WSU is a training partner for the National Institute for Aviation Research (NIAR). Being a part of WSU gives NIAR a distinct advantage, having an excellent academic connection from which to draw the most outstanding aviation researchers. This program has impressive funding total of \$693 million with clients including Boeing, Bombardier, NASA and Textron Aviation, to name a few.

Wichita State's location in Kansas' largest city enhances the traditional classroom experience by providing students on- and off-campus applied learning and career opportunities. The university is the most diverse in Kansas and places a strong emphasis on community involvement. WSU's cooperative education program, which offers students the opportunity to earn credit along with job experience, is among the largest and most successful of its kind in the Midwest. Students are placed not only in local companies but also at national organizations such as the National Aeronautics and Space Administration.

What you may not know about Wichita State:

- No. 1 - Industry-funded research and development expenditures for aerospace
- No. 1 - Transfer destination in Kansas for eight years in a row
- \$136M - in research and development awards for FY 2019, a new record
- Top 80 – “Most Affordable Colleges and Universities” by College Consensus
- Top 3 – 6 - In the past five years of all schools on the Social Mobility Index, a U.S. ranking for providing access to economically disadvantaged students, graduating and transitioning them to well-paying jobs
- Via Christi Health System and WSU researchers have partnered to create the Center of Innovation for Biomaterials in Orthopedic Research (CIBOR) in Wichita. CIBOR's goals include: development of medical devices that can be quickly brought to market, such as surgical instruments, stretchers and operating tables that do not require a long FDA-approval process; and longer-term development of advanced implantable devices, such as artificial hips and knees.
- NIAR is a Center of Excellence for General Aviation Research and the headquarters for the Center of Excellence for Composites and Advanced Materials. Other government organizations have also designated NIAR as a research hub. NASA sponsors the National Center for Advanced Materials Performance, located within NIAR, and the National Science Foundation has named WSU/NIAR as a Center for Friction Stir Processing.



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**WICHITA STATE
UNIVERSITY**

Wichita State Research Facilities and Centers

Wichita State maintains a focus on research in all of its colleges. Much of that work, as well other academic pursuits, takes place in our many centers and institutes. Here's a comprehensive listing of these vital entities.

- [Center for Applied Research and Evaluation](#)
- [Applied Psychology Research Institute](#)
- [Center for Behavioral Health Initiatives](#)
- [Center for Combating Human Trafficking](#)
- [Center for Economic Development and Business Research](#)
- [Center for Economic Education](#)
- [Center for Energy Studies](#)
- [Center for Entrepreneurship](#)
- [Center for International Business Advancement](#)
- [Center for Leadership Development](#)
- [Center for Management Development](#)
- [Center for Physical Activity and Aging](#)
- [Center for Real Estate](#)
- [Center for Organizational Development and Collaboration](#)
- [Center for Public Health Initiatives](#)
- [Center for Public Policy and Management](#)
- [College of Fine Arts Institute](#)
- [Community Engagement Institute](#)
- [Ennovar, Institute of Emerging Technologies and Market Solutions](#)
- [Environmental Finance Center](#)
- [FirePoint Innovations Center](#)
- [GoCreate](#)
- [The IMPACT Center](#)
- [Kansas Mentor and Induction Center](#)
- [Kansas Small Business Development Center](#)
- [Midwest Criminal Justice Institute](#)
- [National Center for Advanced Materials Performance](#)
- [National Institute for Aviation Research](#)
 - Center of Excellence for UAS Research
 - Center of Excellence for Composites and Advanced Materials
 - Center of Innovation for Biomaterials in Orthopaedic Research
- [Regional Institute on Aging](#)
- [World Trade Council of Wichita](#)
- [WSU Ventures](#)

PITTSBURG STATE UNIVERSITY

Pittsburg State University is one of the largest economic engines in southeast Kansas. With 7,964 students and over 1,000 employees, the most recent economic impact study conducted by the Pittsburg Area Chamber of Commerce estimates Pittsburg State University's total economic impact at more than \$750 million. The direct economic impact on wages, student spending and capital investment is \$200 million, while indirect impact in visitor spending, Center for innovation and Business Development Activities, rollover spending and more account for more than \$500 million.

Pittsburg State University actively invests in economic impact drivers, notably the ongoing use of the Robert W. Plaster Center. This \$13 million, 154,000 square foot indoor track and field and event facility opened in April 2015 and includes a 100-yard turf football practice field, an 11,000-square-foot weight room, a state-of-the-art, 300-meter indoor track (one of only 15 in the nation), event prep and hosting space and seating for 2,500. Through December 2019, the facility has been home to nearly 500 sporting and community events, including NCAA Division II national indoor track championships. During the 12-month period ending May 2019, the Plaster Center created a \$3,566,809 economic impact in Crawford County. In addition, the Center led to job creation and steady growth in the community's lodging revenue.

Another example is Pittsburg State University's progressive Block22 development, a mixed-use living/learning project in four historic buildings in downtown Pittsburg. Block22 is home to nearly 100 students, five business tenants in modern working spaces, a paid-access co-working/collaboration space and maker space for area entrepreneurs, a community event space, a coffee shop, a retail store and three restaurants.

Pittsburg State's Enterprise PSU offers small business support to small- and medium-sized businesses and incubates several startups. Enterprise PSU currently supports more than 70 clients with a growing economic impact of more than \$1 million in Pittsburg.

In 2020, the Four States Farm Show will move to Pittsburg and the campus of Pittsburg State University. This event draws in excess of 20,000 visitors and vendors to Pittsburg over several days each May. The estimated economic impact is \$500,000 annually.

PSU's College of Technology is a special point of pride for the university and is home to more than 30 nationally known programs in automotive technology, construction management and construction engineering technologies, engineering technology, graphics and imaging technologies and technology and workforce learning. Some of the programs, such as Plastics Engineering Technology, are ranked among the top in the nation.

PSU is also the home of the Kansas Polymer Research Center (KPRC), which specializes in research on bio-based polyols used to replace petroleum products in manufacturing. KPRC scientists were honored by the National Academy of Sciences with the Presidential Green Chemistry Challenge Award.



Pittsburg
State
University





What you may not know about Pittsburg State:

- No. 1 - Regional Public University in Kansas (U.S. News & World Report, 2020)
- No. 6 - Family-friendly Business School (Princeton Review, 2020)
- Top 60 - Online Master's in Education Degree (U.S. News & World Report, 2020)
- No. 24 - Public schools in the Midwest (U.S. News & World Report, 2020)
- No. 95 - Regional Universities in the Midwest (U.S. News & World Report, 2020)

Pittsburg State's plastics, automotive and wood technology programs are among the only programs of their type in the nation.

PSU's Gladys A. Kelce College of Business is one of only around 100 schools in the country to earn the Information Systems Security certification by the Committee on National Security Systems and one of 28 colleges that offer a program in Endorsed Internal Auditing.

Pittsburg State University Research Facilities and Centers

- [Kansas Polymer Research Center](#)
The Kansas Polymer Research Center (KPRC) is a leading center in the development of new bio-based polymer materials. With a well-developed expertise in polymers and a history of performing applied research for several industries, they assist in developing, processing and testing new materials for licensing and commercial applications.
- [Business and Economic Research Center](#)
The Business and Economic Research Center (BERC) was established to provide current and prospective businesses with the latest data, cutting-edge research and expert advice on regional economic trends and issues. BERC staff can provide the information and conduct the custom research necessary for business and non-profit decision-makers to make well-informed choices for their organizations.

FORT HAYS STATE UNIVERSITY

Based on an economic impact report prepared by faculty of the university's Department of Economics, Finance and Accounting, the economic impact of Fort Hays State University on Ellis County in 2018 was more than \$233 million. The university, with 18,358 students, is one of the largest employers in Hays and Ellis County. The economic activity of FHSU and its employees generates more than \$5 million in local taxes. Approximately 2,854 jobs in the local economy are a result of this activity, which in turn generates \$112 million in labor income.

In addition to the immediate economic impact of Fort Hays State University, there are longer-term and non-monetized benefits for the region. The workforce tends to be better educated and more productive, with a higher level of personal income.

Businesses receive a transfer of expertise and technology. Students and employees provide civic leadership and service to the community. Athletic events, cultural activities and educational programs improve the quality of life for area citizens. Ellis County and the city of Hays are great places to live due in large measure to the presence of a Kansas Board of Regents university.

FHSU is known for its innovation and entrepreneurship. Among the universities in the Kansas Board of Regents system, FHSU has the unique mission to integrate computer and telecommunications technology with the educational environment and the workplace. Through its Department of Informatics, FHSU serves as both a local and regional academy for Cisco Systems, the worldwide leader in networking for the Internet. The U.S. government has designated the university a National Center of Academic Excellence in Information Assurance.

The Carnegie Foundation for the Advancement of Teaching selected the university for its Community Engagement Classification in both the Curricular Engagement category and the Outreach and Partnerships category. FHSU serves as administrator of the Kansas Small Business Development Center network, which is a partnership with the U.S. Small Business Administration and the Kansas Department of Commerce. Also, FHSU's Docking Institute of Public Affairs facilitates effective decision-making among governmental and non-profit leaders through applied research, training and strategic planning.



What you may not know about Fort Hays State:

- No. 1 in Kansas and No. 4 in the nation for Best Colleges for Adult Learners – (Washington Monthly Magazine)
- No. 1 – Best Online Degrees in Kansas – (OnlineDegrees.com)
- No. 1 – Online Graduate Nursing Programs in Kansas (U.S. News and World Report)
- Top 50 – Universities Offering Online Courses 2019 (OnlineCourseReport.com)
- 19 – Consecutive years of enrollment growth
- 97% - Placement rate of graduates in the job market or postgraduate study
- 12% - Growth in enrollment of Kansans over the past seven years

Fort Hays State University Research Facilities and Centers

- [Institute for New Media Studies](#)
The Institute for New Media Studies is dedicated to the transdisciplinary study of new media as it impacts human communication.
- [Information Enterprise Institute](#)
Enterprise Institute as a specialized center for expanding Information Assurance* and information technology education, training, research and consulting throughout Kansas and organizations around the world.
- [Docking Institute for Public Affairs](#)
The primary mission of Fort Hays State University's Docking Institute of Public Affairs is to facilitate effective public policy decision-making among governmental and non-profit entities.



FORT HAYS STATE UNIVERSITY

Forward thinking. World ready.



EMPORIA STATE UNIVERSITY

Emporia State University has been educating students and supporting the economy in Kansas for 157 years. Both the 844 employees and the 7,100 students give back to Emporia, Lyon County and Kansas through community service. In 2018-19, ESU students, including student athletes, logged more than 19,116 hours of service. Additionally, events such as ESU athletic competitions, the Kansas Class 6A high school championship football game, Kansas Class 5A high school championship basketball tournament, National Teachers Hall of Fame induction, National Memorial to Fallen Educators dedication, Kansas Master Teacher celebration and many camps and conferences draw visitors and tourism dollars to campus and the community annually.

Academic Excellence

With more than 200 academic programs, Emporia State graduates are prepared to fill the needs of the workforce. ESU boasts a 97 percent average career-outcomes rate over three years.

Emporia State University is known for exceptional academic quality and delivering high-impact learning experiences as

part of standard curriculum. Students have immediate access to faculty, mentors, research projects and technology that provide the educational opportunities to prepare students for the workforce. The most recent investment in high-impact practices is the construction of the Prophet Aquatic Research and Outreach Center, which will serve ESU students, state agencies and K-12 students through outreach programs and research.

The School of Business reports 100 percent career outcomes for its accounting, business management and computer science graduates. New programs include Sports Leadership and Recreation undergraduate degrees and master's degrees in athletic training in The Teachers College. The Department of Nursing will launch a master's-level program and a fully online registered nurse to Bachelor of Science in nursing degree to meet the need for nurses and administrators in rural Kansas. A new concentration in the Department of Communication — Communication, Emerging Technology and Society — will fill the need for employees who can use new tech platforms, social media and website content as messaging methods. The School of Library and Information Management continues to grow and has added a ninth location in Arkansas.





EMPORIA STATE
UNIVERSITY.

What you may not know about Emporia State:

- 97% - Three-year average career outcomes rate for graduates
- 1st - Public instruction in Kansas to be named a College of Distinction for three consecutive years
- 3 - Academic programs unique to ESU, including the only master's in forensic science offered in Kansas, the only bachelor's in glass-blowing offered in Kansas and the only bachelor's in engraving offered in the world
- 5 - Of the eight members of the 2020 Kansas Teacher of the Year team are ESU alumni
- 97% - First-time NCLEX passage rate for May 2019 test-takers
- The William Allen White Children's Book Award Program, the first statewide reader's choice award in the nation, was established at ESU in 1952.

Emporia State University Research Facilities and Centers

- Center for Economic Education
The ESU Center for Economic Education delivers high-quality programs and materials that facilitate knowledge of essential economics concepts and economic-reasoning ability of students from kindergarten through senior high school.

WASHBURN UNIVERSITY

Washburn University (WU) located in Topeka is a municipal university enrolling more than 7,500 students. Through the College of Arts and Sciences and schools of Law, Business, Nursing and Applied Studies, Washburn students have access to more than 200 programs of study. Graduate degrees are also offered at Washburn, and the law school is nationally ranked. The Washburn School of Business has earned accreditation from The Association to Advance Collegiate Schools of Business, the oldest and largest business school accreditation organization in the world.

With a low student-faculty ratio of 16:1, students receive personalized, quality education from a qualified staff. More than 83 percent of the faculty members hold a doctoral degree or the highest degree available in their fields. WU is home to the Mulvane Art Museum, the oldest accredited art museum west of the Mississippi and KTWU, the first public television station in Kansas.

The University provides state-of-the-art integrated educational and residential centers for 800 students. Learning at Washburn is facilitated by extensive computer, video and teleconferencing capabilities within meeting and seminar rooms.

What you may not know about Washburn:

- Washburn is annually ranked as one of the best colleges in the Midwest by U.S. News and World Report.
- Washburn University School of Law was named an outstanding law school by the Princeton Review in the 2020 edition of The Best 167 Law Schools and ranked 107 in U.S. News and World Report Best Law Schools.

WASHBURN
UNIVERSITY





INVESTING IN THE FUTURE WORKFORCE

TAILORING EDUCATION TO MEET WORKFORCE DEMAND

Kansas has a long history of investing in the education of our youth, to provide a quality workforce to fill jobs created by firms choosing to do business in this state.

Program Alignment

One initiative underway by the Post-Secondary Technical Education Authority (TEA) to enhance technical education in our state is the alignment of specific technical programs. This project is driven by the needs of business and industry in the state. Groups of business leaders are convened by the Kansas Department of Commerce and the Kansas Board of Regents with participation by program advisory committee members from our colleges to essentially “map” a preferred outcome for an occupational category. Program Alignment has 25 tracks, ranging from political

science to welding. The purposeful outcomes of the project include allowing business and industry to identify value-added exit points within programs, identifying and supporting student acquisition of nationally recognized third-party industry credentials, identifying common courses that can serve as a bridge for articulation opportunities and decreasing the variability in program length.

[Click here](#) for more information.

ALIGNED PROGRAMS RECEIVING INDUSTRY-RECOGNIZED CERTIFICATION/CREDENTIAL LISTING					
Aligned Programs	Occupation Code	Associate of Applied Science	Certificate A	Certificate B	Certificate C
Registered Nursing	51.3801	x			
Automation Engineer Technology	15.0406	x			x
Automotive Collision & Repair	47.0603	x	x	x	x
Automotive Technology	47.0604	x	x	x	x
Carpentry/Construction	46.0201	x	x	x	x
Computer Support Specialists	11.1006	x	x	x	x
Corrections	43.0102	x	x		
Dental Assistant	51.0601	x		x	
Dental Hygiene	51.0602	x			
Diesel Technology	47.0605	x			x
Electrical Technology	46.0302	x		x	
Healthcare Documentation and Transcription Specialist	51.0708	x		x	
HVAC	47.0201	x		x	
Industrial Machine Mechanic	47.0303	x			x
Machine Technology	48.0501	x	x	x	x
Medical Assistant	51.0801	x		x	x
Medical Coding - Healthcare Coding	51.0713	x		x	x
Medical Laboratory Technician	51.1004	x			
Physical Therapist Assistant	51.0806	x			
Criminal Justice & Political Science	43.0104	x			x
Practical Nursing	51.3901				x
Radiologic Technology	51.0911	x			
Respiratory Therapy	51.0908	x			
Surgical Technologist	51.0909	x			x
Welding	48.0508	x	x	x	x

GED Accelerator

The GED Accelerator awards community and technical colleges with performance funding for students who concurrently earn a GED and an approved postsecondary credential.

Colleges are eligible to receive up to \$1,500 — payment of \$500 for completion of the GED and payment of \$1,000 for completion of a high demand, state-approved technical certificate — for students co-enrolled in adult basic skills and technical education pathway programs. Funding in this model also covers up to \$170 of the cost of students taking the GED test. In order to receive the \$170 incentive, colleges must verify that the student is enrolled in Adult Basic Education or provide other evidence that the student is pursuing a GED.

[Click here](#) for more information.

Kansas Technology Innovation and Internship Program

Grants may be awarded to full-time career technical education faculty participating in an internship with a business, industry or another agency for the purpose of upgrading knowledge and skills in their profession, vocation or trade. Similarly, full-time employees in private business/industry or other agencies may participate in an internship at an eligible institution teaching in approved career technical-education programs. A faculty member or business/industry employee can take up to two internships over a three-year period. Internships in this program may range from two weeks to 16 weeks during the year. Internship activities may take place during non-consecutive weeks. The grant-funded intern salary can be up to \$25 per hour with a maximum salary of \$1,000 per week. The max amount that can be awarded is \$3,000.

[Click here](#) for more information.

Kansas Nursing Initiative

The Kansas Nursing Initiative was developed to address the growing nursing shortage in the state by providing needed resources to nursing-education programs to enable them to increase their capacity to instruct additional nursing students.

The Kansas Legislature responded to the nursing shortage with funds for postsecondary institutions with nursing programs through a competitive grant process and required matching funds from the institution.

Today, subject to annual appropriation from the Legislature, \$1.8 million is available to both public and privately-funded educational institutions with registered nursing programs. These grant funds support faculty and nursing lab supplies with the goal of improving program quality and student success. It has been shown that 69% of nursing programs that participate and get funding experience an increase in nursing student test scores.

[Click here](#) for more information.





MILITARY OPPORTUNITIES

The Kansas Collaborative for Military Credit Advisory Council was created to ensure veteran/military students are granted appropriate academic credit for military training and education and had 1,087 participants in 2020.

Through collaboration among 24 Kansas public postsecondary institutions and the United States Army, Army University, the Medical Education Training Campus and the Kansas National Guard, 30 academic programs have been aligned with current military occupational specialties. These bridge programs formalize the credit that will be awarded to these service members upon enrollment in a given academic program.

[Click here](#) for more information.

ACCELERATING OPPORTUNITY: KANSAS

From 2012 to 2015, Kansas participated in the grant-funded Jobs for the Future initiative, Accelerating Opportunity. Accelerating Opportunity. Kansas is a career pathways program assisting non-college-ready students in obtaining a high school equivalency credential (GED), while co-enrolled in credit-bearing career technical education programs at Kansas postsecondary institutions. Pathways contain a minimum of 12 team-taught credit hours, leveraging the presence of basic skills and career technical education instructors to boost student success. Outside the classroom, students are supported with supplemental instruction and wraparound support services.

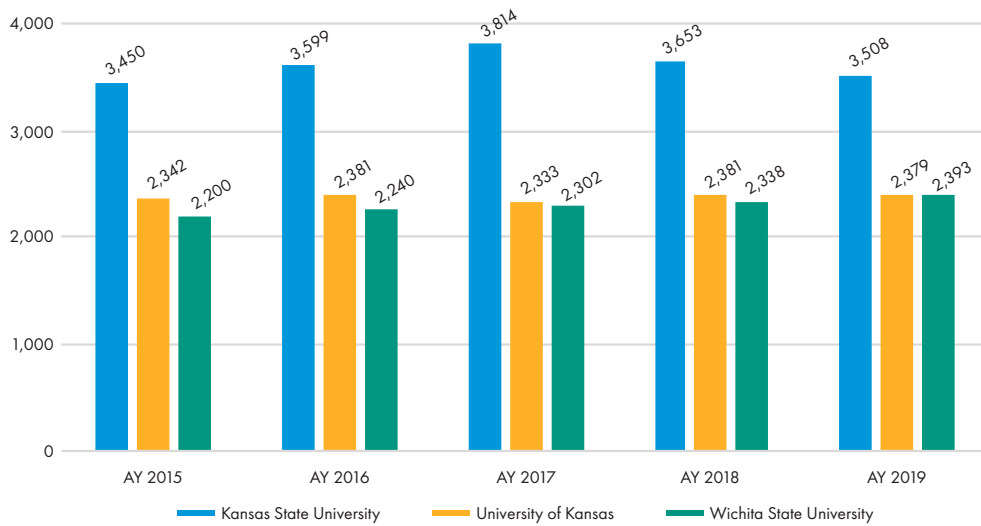
[Click here](#) for more information.

UNIVERSITY ENGINEERING INITIATIVE

In 2012, the Legislature recognized the competitive need for an increase in the number of engineering graduates in Kansas and committed to invest \$105 million over 10 years to ensure engineering industry partners can find the new talent, designs and techniques needed to fuel economic growth and business success in Kansas. Kansas State University, Wichita State University and the University of Kansas each match this legislative investment, dollar for dollar, resulting in more than \$200 million being directed toward the education of engineers in Kansas.

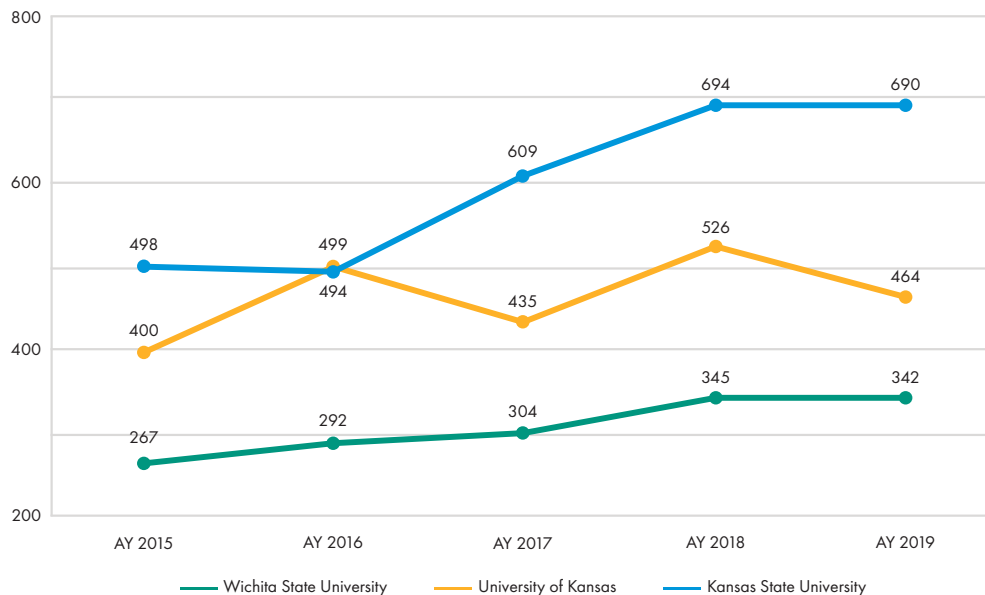
Through increased enrollments, better connections for students at critical stages with Kansas companies and increased opportunities for scholarships and internships, the three universities have surpassed the initial goal of increasing undergraduate engineering degrees by 1,365 annually by 2021. As of AY 2019, the universities have exceeded expectations with the number of engineering graduates per year rising to nearly 1,500.

ENGINEERING STUDENTS ENROLLED BY ACADEMIC YEAR



Foresight 2020 Report KBOR - Accessed 2020

ENGINEERING STUDENTS GRADUATED BY ACADEMIC YEAR



CAREER AND TECHNICAL EDUCATION

Career and Technical Education (CTE) in Kansas embraces the needs of business and industry through the development of the foundational knowledge and skills aligned to the Kansas workforce.

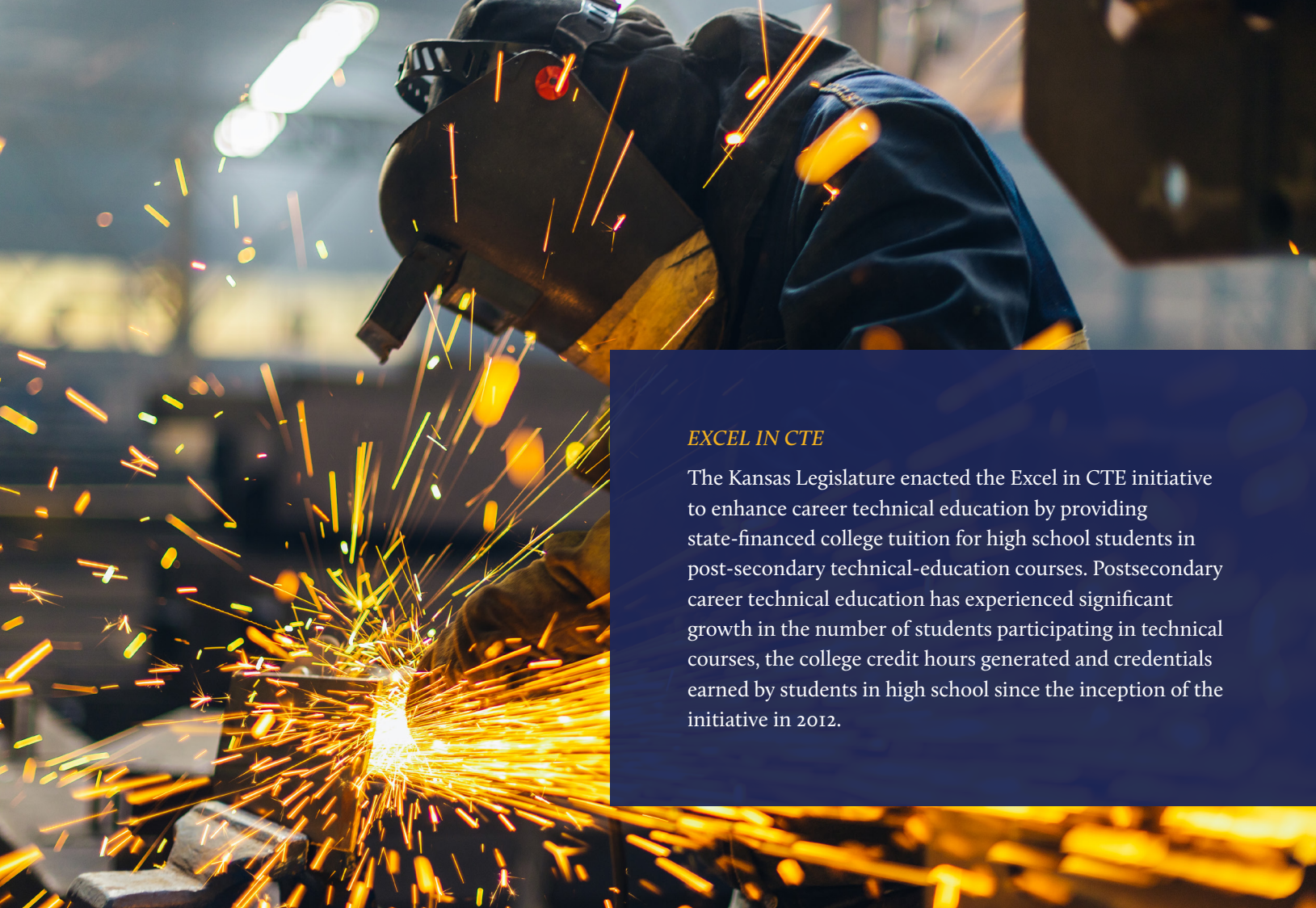
Kansas has 16 career clusters for students to choose from, and there are 35 Career Cluster Pathways. A career cluster is a group of occupations similar in skill-set training. Career Cluster Pathways are focused on specific areas of study leading to an area of industry or business. These occupations fall within seven career fields in Kansas – agriculture; business; design, production and repair; family and consumer sciences; health; media and technology; and public services. Kansas schools have 2,606 pathways across these fields.

Career and Technical Student Organizations (CTSOs) enhance this instruction by offering opportunities to apply what is learned in a variety of ways, interact with adults in their selected Career Pathway, develop leadership and employability skills and address community issues through in-depth projects. Kansas' CTSOs are:

- Kansas FFA Organization
- Kansas Family, Career and Community Leaders of America
- Kansas Business Professionals of America
- Kansas HOSA, Future Health Professionals
- Kansas DECA, Association of Marketing Students
- SkillsUSA Kansas
- Kansas Future Business Leaders of America
- Kansas Technology Student Association

In 2019, students in Kansas enrolled in 140,000 CTE courses, and 23,000 students are in Kansas CTSOs. Kansas students earning three or more CTE credits have a 99 percent graduation rate.

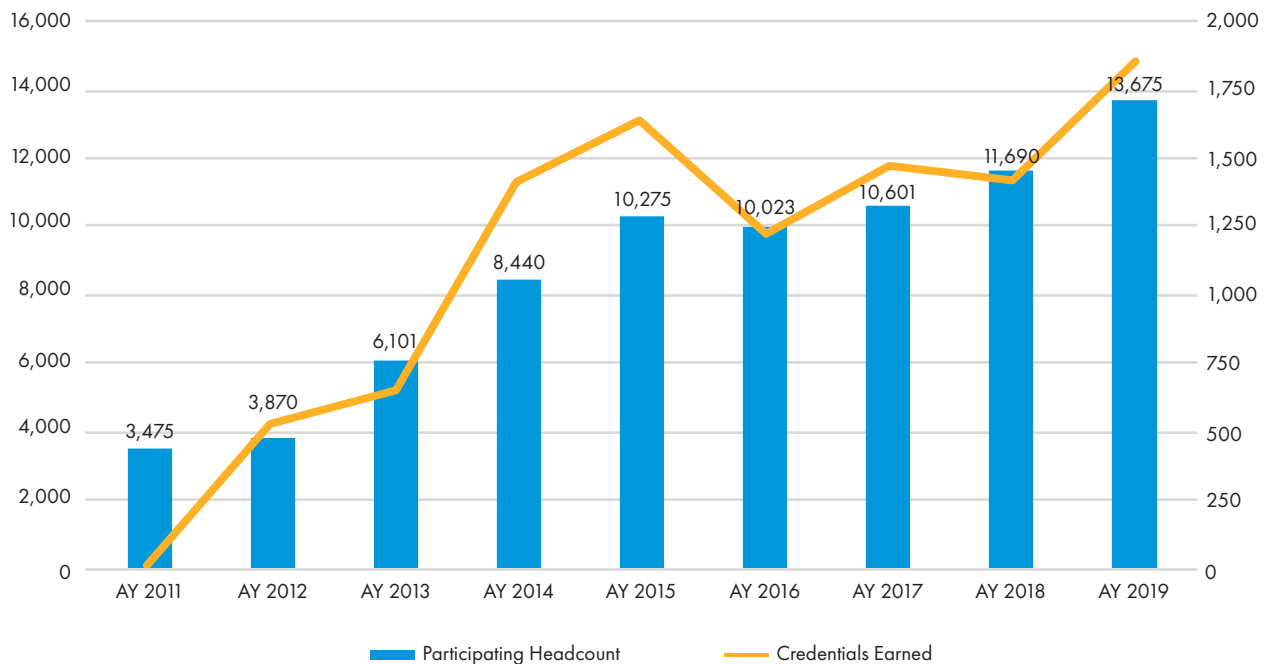




EXCEL IN CTE

The Kansas Legislature enacted the Excel in CTE initiative to enhance career technical education by providing state-financed college tuition for high school students in post-secondary technical-education courses. Postsecondary career technical education has experienced significant growth in the number of students participating in technical courses, the college credit hours generated and credentials earned by students in high school since the inception of the initiative in 2012.

EXCEL IN CTE





Technology, Innovation & Entrepreneurship

For decades, Kansas has been committed to the development of a comprehensive network to support research, facilitate commercialization and promote the adoption of new technologies in the state. The state has a variety of tools to support and promote new technology for companies, whether they are in the early stages of their business or more mature in their operations.

SUPPORT FOR INNOVATION AND TECHNOLOGY

In today's rapidly moving technology economy, entrepreneurs and companies must work quickly to develop technologies before the commercial window of opportunity closes.

VENTURE CAPITAL AND ANGEL NETWORKS

There are several regional networks of venture capital and Angel Tax Credit investors dedicated to identifying and funding promising start-up business opportunities in Kansas.

KANSAS ANGEL TAX CREDITS

Kansas income tax credits are available to individuals who provide seed-capital financing for emerging Kansas businesses engaged in development, implementation and commercialization of innovative technologies, products and services.

RESEARCH AND DEVELOPMENT AT POST-SECONDARY INSTITUTIONS

The Kansas Legislature provided financing for four major research facilities at Kansas universities:

- Food Safety and Security Research Facility at Kansas State University
- Biomedical Research Facility at the University of Kansas Medical Center
- Equipment for the Biosciences Research Building at the University of Kansas
- Expansion of the Aviation Engineering Complex at Wichita State University

In addition, the Legislature authorized improvements to the National Institute for Aviation Research at Wichita State University. The National Center for Aviation Training is a 225,000-square-foot training facility built in collaboration with the WSU Tech, Sedgwick County and others to support the large aviation cluster in the state.

WSU TECH NATIONAL CENTER FOR AVIATION TRAINING

The National Center for Aviation Training (NCAT) combines the state's industry experience and expertise with innovative instructional techniques, producing a new standard for education. NCAT was originally established to meet aviation manufacturing workforce demand in Wichita. Offering certification and degree programs with the latest technology trends transferred from the National Institute for Aviation Research, students receive optimum exposure to the most advanced capabilities and techniques.

WSU Tech is the state's leader in modern technical education offering over 100 degree and certificate options in aviation, health care, manufacturing, design, information technology, police science and business. In 2018, WSU Tech was named the second-fastest growing college among two-year colleges by The Chronicle of Higher Education. WSU Tech serves as managing partner of the National Center for Aviation Training (NCAT) in Wichita, KS, is fully accredited by The Higher Learning Commission and is a Kansas Board of Regents institution.

For more information, visit wsutech.edu.

FORT HAYS STATE UNIVERSITY

Fort Hays State University offers a Bachelor of Science in Technology Studies with four Industrial Concentrations.

MANUFACTURING TECHNOLOGY

Fort Hays State University offers a Bachelor of Technology Studies with a Concentration in Manufacturing Technology. The Manufacturing Technology concentration prepares graduates for a variety of careers in the manufacturing industry including production designer, fabricator, supervisor and computer-aided manufacturing (CAM) technician. Throughout the program, students learn the concepts and skills needed for success in manufacturing along with effective business and leadership principles. In addition to industrial technology, business and liberal education courses, coursework in the concentration includes hands-on learning in the areas of material processes, machine tool operations, robotics, fluid systems, computer-aided manufacturing and maintenance and repair of equipment.

CONSTRUCTION MANAGEMENT

Fort Hays State University offers a Bachelor of Technology Studies with a Concentration in Construction Management. The Construction Management concentration prepares graduates for a career in the construction management industry. Throughout the program, students learn the concepts and skills needed for success in construction, as well as the business and management skills for effective leadership in the construction industry. In addition to industrial technology, business management and liberal education courses, coursework in the concentration includes hands-on learning in the areas of planning and design, estimating and scheduling, construction graphics, building construction and mechanical and electrical systems.

CONSTRUCTION TECHNOLOGY

Fort Hays State University offers a Bachelor of Technology Studies with a Concentration in Construction Technology. The Construction Technology concentration prepares graduates for a variety of careers in the construction industry including residential and commercial construction, millwork, furniture and cabinet construction and home and building inspections. Throughout the program, students learn the concepts and skills needed for success in construction, as well as the business skills needed for effective leadership in the construction industry. In addition to industrial technology, business and liberal education courses, coursework in the concentration includes hands-on learning in the areas of material processes, furniture and cabinetmaking, construction graphics, fluid systems, building construction and mechanical and electrical systems.

ENGINEERING DESIGN TECHNOLOGY

Fort Hays State University offers a Bachelor of Technology Studies with a Concentration in Engineering Design Technology. The Engineering Design Technology concentration prepares graduates for a variety of careers in the drafting and design industry. Throughout the program, students learn how to solve design problems using the engineering design process, engineering design principles, drafting and design standards and a combination of 2D and 3D CAD applications. In addition to industrial technology, business and liberal education courses, coursework in the concentration includes application-based learning in the areas of computer-aided drafting and design, engineering graphics, construction graphics, civil graphics and manufacturing graphics.



KANSAS STATE UNIVERSITY

TECHNOLOGY DEVELOPMENT INSTITUTE

The Technology Development Institute (TDI), formerly the Advanced Manufacturing Institute, provides a broad range of services and project management resources for both private industry and university researchers to advance the commercial readiness of new products and technologies.

TDI employs industry-experienced engineers and business professionals who work directly with its clients to identify the following tasks to be completed to move development projects forward:

PRODUCT ENGINEERING AND PROTOTYPING

- Assistance with intellectual property and commercialization of new products
- Design and fabrication of custom equipment
- Simulation and component analysis

Over the past 30 years, TDI has created an extensive network of organizations including university experts, patent attorneys, engineering service providers, prototyping specialists and manufacturers with whom it has collaborated to assist in moving products into the marketplace.

POLYTECHNIC CAMPUS' APPLIED AVIATION RESEARCH CENTER

Kansas State University Polytechnic Campus' Applied Aviation Research Center (AARC) is a leader in unmanned aircraft systems (UAS) as demonstrated through nationally recognized education and research, commercial and governmental partnerships and commitment to delivering high quality training, outreach and advocacy for the UAS industry. The AARC provides a variety of technical, engineering and scientific solutions in UAS. A fully dedicated applied research and training department, the AARC is staffed with full-time research support and supports projects

sponsored by government and industry. The AARC is a core member of the Federal Aviation Administration's (FAA) UAS Center of Excellence (COE), the Alliance for System Safety of UAS through Research Excellence (ASSURE). The AARC offers industry training focusing on flight operations, data collection and analysis and industry specific operations.

BULK SOLIDS INNOVATION CENTER

The Bulk Solids Innovation Center (BSIC) is dedicated to the study and development of the understanding of bulk solids material handling. This university-level research center is the only one of its kind in North America. Dry bulk solids materials are used in chemical, food, pharmaceutical and plastic sectors. The BSIC has a material properties test lab that allows for bulk solids and particle properties to be evaluated and modeled in a test-bench environment, as well as a full-scale bulk solids test bay. The BSIC supports industries across the country through research, consulting and education on these materials and the systems that convey, store and dispense them.

UNIVERSITY OF KANSAS

UNIVERSITY OF KANSAS NATIONAL CANCER INSTITUTE (NCI)

The University of Kansas Cancer Center has been recognized as a National Cancer Institute (NCI)-designated cancer center since 2012. It is the only such center in the region and one of only 71 in the United States. In order to become designated, centers must go through a rigorous, highly competitive application process to demonstrate their contributions to reducing cancer burden.

NCI-designated cancer centers are pioneers in cancer research, recognized for their scientific leadership, resources and depth of research in basic, clinical and population science. [Click here](#) for more information.



BIOPHARMACEUTICAL INNOVATION & OPTIMIZATION CENTER

The Biopharmaceutical Innovation and Optimization Center (BIO Center) provides drug delivery, solubilization and stabilization services to researchers. The center is closely aligned with the Institute for Advancing Medical Innovation (IAMI) and seeks to translate innovative research into new medical treatments and technologies. The BIO Center works with researchers at the University of Kansas and with experts around the world to transform new discoveries into products for patients. A large portion of the center's research is conducted in partnership with the KU Cancer Center (KUCC). Drug development specializations include preformulation and formulation, analytical chemistry, bioanalytical chemistry and pharmacokinetics and pharmacology. Visit biocenter.ku.edu for more information.

INFORMATION AND TELECOMMUNICATION TECHNOLOGY CENTER

The Information and Telecommunication Technology Center (ITTC) develops technologies and advances knowledge in the areas of information technology and telecommunications. It is among the largest research centers at the University of Kansas, with resources and state-of-the-art facilities supporting 37 principle investigators and 120 students. Core areas include security and assurance, radar and remote sensing, embedded systems, languages and semantics, materials and optics and scientific computing. Research is funded by federal agencies including NSF, DARPA, NSA, NIH and NASA. ITTC is nationally recognized for its research. It is one of six NSA Science of Security Lablets, an NSA/DHS Center of Academic Excellence in Cybersecurity Education and Research and one of 29 institutions selected for membership in the Ripple University Blockchain

Research Initiative (UBRI). Existing companies collaborate with ITTC for research and development, realizing that targeted research reduces costs and improves service to consumers. Fledgling companies seeking to develop new technologies draw on the expertise of faculty, staff and students. More information can be found at lttc.ku.edu.

UNIVERSITY OF KANSAS TRANSPORTATION CENTER

The University of Kansas Transportation Center (KUTC) conducts, coordinates and promotes transportation research, training and technology transfer. It is a multidisciplinary center that encompasses several research and technology transfer programs. Primary areas of interest are highway engineering and maintenance, traffic engineering and safety, workforce development and community transit. More information can be found at kutc.ku.edu.

PITTSBURG STATE UNIVERSITY

KANSAS POLYMER RESEARCH CENTER

The Kansas Polymer Research Center (KPRC) specializes in vegetable oil-based polymer research and development. KPRC scientists work with industrial partners, state and federal agencies and producer associations on developing and commercializing PSU's intellectual property.

KANSAS TECHNOLOGY CENTER

The Kansas Technology Center (KTC) was designed around flexibility, transformability and ease of movement of materials and equipment. The building is a lab for teaching about utility systems, construction and other technologies. Students are provided hands-on learning opportunities within 70 technical laboratories.

WICHITA STATE UNIVERSITY

NATIONAL INSTITUTE FOR AVIATION RESEARCH

The National Institute for Aviation Research (NIAR) provides research, design, testing, certification and training for aviation and manufacturing technologies. Established in 1985, NIAR has a \$70 million annual budget; a staff of 500; and 600,000 square feet of laboratory and office space in four locations across the city of Wichita, the Air Capital of the World. Learn more at niar.wichita.edu.

NIAR LABORATORIES:

- Additive Manufacturing
- Advanced Coatings
- Advanced Manufacturing
- Aging Aircraft/Sustainability
- Ballistics and Impact Dynamics
- CAD/CAM
- Composites and Advanced Materials
- Crash Dynamics
- Emerging Technologies
- Environmental and Electromagnetic Test
- Full-Scale Structural Test
- Mechanical Test
- Nondestructive Test/Oil Analysis
- Reverse Engineering
- Robotics and Automation
- Virtual Engineering and Flight
- Virtual Reality
- Walter H. Beech Wind Tunnel

NIAR CENTERS:

3DEXPERIENCE Center

An interconnected community of top researchers, corporations and laboratories to accelerate innovation. The 22,000-square-foot facility, a partnership with Dassault Systèmes, offers the expertise and technology necessary to accelerate innovation. Technologies include additive manufacturing, multi-robotic advanced manufacturing, reverse engineering and inspection and virtual reality and immersive technologies. [Click here](#) to learn more.

National Center for Advanced Materials Performance (NCAMP)

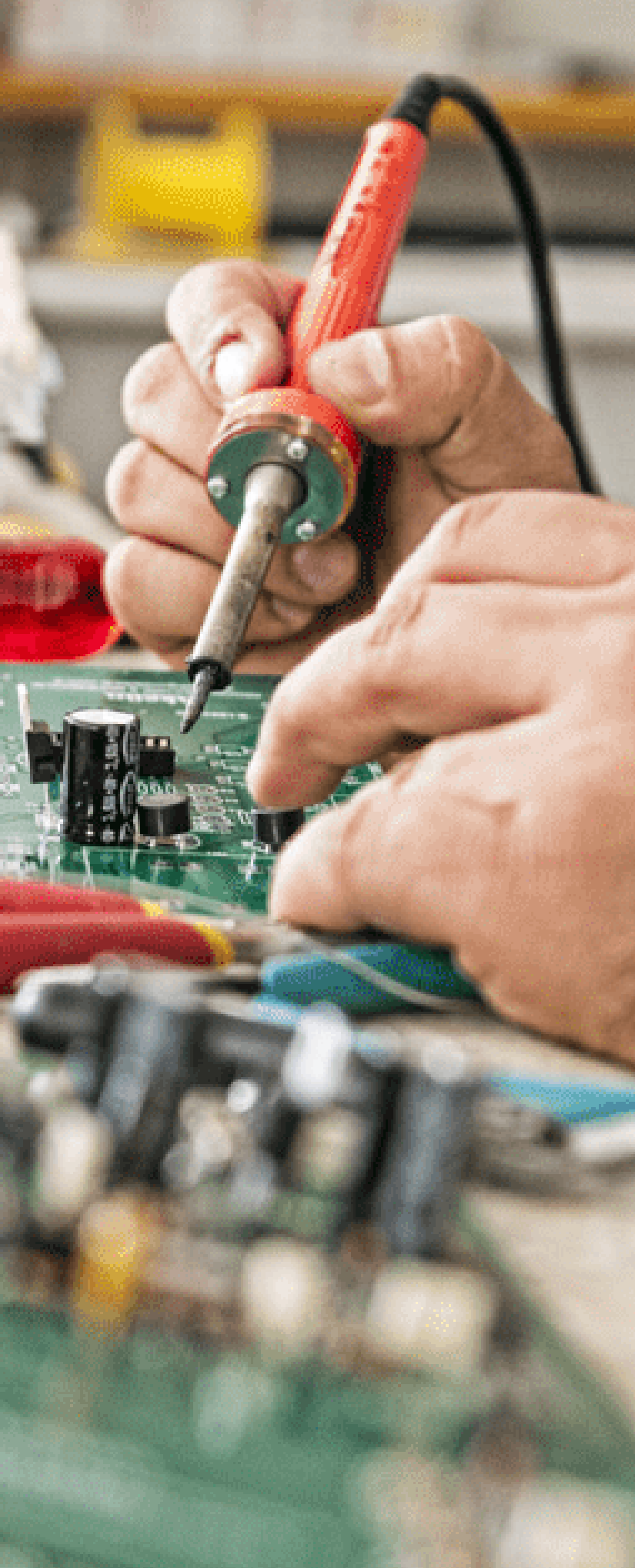
Provides the nation's commercial and military aviation industry with a center for the validation and quality assurance of composites and advanced materials. Both the FAA and EASA accept composites specification and design values developed using the NCAMP process. NCAMP works with the FAA, DoD and industry partners to qualify material systems and populate a shared materials database that can be viewed publicly. Learn more at niar.wichita.edu/ncamp.

Composite Materials Handbook-17 (CMH-17)

Provides information and guidance necessary to design and fabricate end items from composite materials. Its primary purpose is the standardization of engineering data development methodologies related to testing, data reduction and data reporting of property data for current and emerging composite materials. Learn more at cmh17.org.

FAA Center of Excellence for Composites and Advanced Materials (CECAM)

An FAA-sponsored consortium of universities competent in advanced materials research. CECAM is led by Wichita State University, which interacts directly with the FAA to support its advanced materials safety programs. Learn more at niar.wichita.edu/cecam.



NIAR CENTERS (CONT.):

FAA Center of Excellence for UAS Research

A member of the center known as the Alliance for System Safety of UAS through Research Excellence (ASSURE), which plays a key role in helping the FAA develop rules regulating commercial unmanned aerial systems (UAS). Learn more at assureuas.org.

Innovation Campus

Situated on 120 acres, WSU's Innovation Campus is an interconnected community of partnership buildings where organizations establish operations and reap the rewards of the university's vast resources: laboratories that give students access to real-world applications and the training needed to effortlessly assimilate into the workforce, a community makerspace that gives both students and nonstudents alike access to the technology and services that help facilitate product development and mixed-use areas that provide everyone with a place to eat, sleep, play, shop and share.

Innovation Campus partners include Airbus; Boston Consulting Group; Dassault Systèmes; Fuzzy's Taco Shop; GoCreate, A Koch Collaborative; Hexagon Manufacturing Intelligence; Meritrust Credit Union; Spirit AeroSystems; Textron Aviation; Deloitte; NetApp; Starbucks; Wichita/Sedgwick County Law Enforcement Training Center; YMCA and Wesley Healthcare. Additional locations are available for development.

GoCreate, A Koch Collaborative

GoCreate is a premier makerspace open to creators of all ages and experiences. The 18,000-square-foot space offers sophisticated tools and equipment — beyond the reach of most DIYers — and expert training and a supportive community that can help make your prototypes, projects and dreams come true. Learn more at gocreate.com.

THE SMART FACTORY @ WICHITA

The Smart Factory @ Wichita is part of the Deloitte Catalyst network, an immersive center focused on bringing together advanced manufacturing method and technologies for companies to experience first hand. Located at Wichita State University, the global immersive experience is designed to accelerate digital transformation. [Click here](#) to learn more about The Smart Factory @ Wichita.

KANSAS MANUFACTURING SOLUTIONS (FORMERLY MAMTC)

Kansas Manufacturing Solutions (KMS), part of the NIST Manufacturing Extension Partnership (MEP), exists to provide solutions to small- and medium-sized manufacturers in the state of Kansas. The solutions create growth for manufacturers, improving their business results, bettering the communities they reside in and positively impacting the Kansas economy.

A trusted advisor to Kansas manufacturers, KMS's suite of solutions includes: Continuous Improvement, Sustainability, Quality and Compliance, Workforce Development and Business Optimization. These solutions are crucial to enabling Kansas manufacturers to increase profits, grow sales and create and retain jobs, strengthening their competitiveness in the global marketplace.

KMS maintains a large network of vetted strategic alliance partners who have a shared interest in creating growth for Kansas manufacturing and the ecosystem that supports these companies. Collaboration with these organizations allows KMS to bring information, resources, best practices and solutions to Kansas manufacturers so they can focus on building their products.

As the only resource in Kansas solely dedicated to supporting small- to medium-sized manufacturing companies with programs and services, KMS is held accountable through published third-party quarterly surveys of KMS clients to ensure a performance scorecard of certified value for the manufacturing customers they serve.

Focused on this mission since its inception in 1991, KMS continues to evolve its business model based on the shifting needs of manufacturers and changes in the manufacturing support ecosystem.

BIOKANSAS

BioKansas is a not-for-profit organization serving the life science interests in Kansas. Across the human, plant and animal health industries, BioKansas is focused on enhancing the business and research climate and working with leaders across the state to attract and retain talent, and companies, and grow funding.

From the Kansas City area to all of Kansas, BioKansas represents the life science continuum from the university laboratories to the established pharmaceutical, animal health and crop science companies, to the entrepreneurial ventures,

start-ups and service providers in the heart of the continuum.

BioKansas was founded in 2004 to unify Kansas' bioscience industry, academic research institutions and economic development organizations. It has since grown to serve over 180 life science companies, service providers, universities and more.

BioKansas is a state affiliate organization of the Biotechnology Industry Organization (BIO). BIO is a national organization representing more than 1,000 biotechnology companies, academic institutions, state biotechnology centers and related organizations in all 50 U.S. states and 33 other nations. BioKansas enjoys the benefits of membership in BIO as well as the Council of State Bioscience Affiliates.

BIOSCIENCE & TECHNOLOGY BUSINESS CENTER

The Bioscience & Technology Business Center in Lawrence, Kansas, provides incubator space, startup support and access to a technological ecosystem for commercializing innovations. BTBC is the University of Kansas' technology commercialization partner and is located on the West Campus of KU, with expansion facilities in Kansas City and west Lawrence. Tenant companies have the freedom to customize laboratory and office space to fit exact specifications and accommodate highly individualized security, equipment, privacy and functionality needs. Comprised of roughly 85,000 square feet of functional space, the BTBC now houses more than 50 companies that employ over 310 employees with an aggregated annual payroll over \$18.5 million.

AG TECH STARTUP ACCELERATOR PROGRAM/ANIMAL HEALTH INNOVATION CAMPUS

In 2019, Silicon Valley-based Plug and Play chose Topeka, Kansas, for its Animal Health and Ag Tech Startup Accelerator. Plug and Play will work collaboratively with the industry leaders in the Kansas City region to identify key industry challenges in animal health and ag-tech. Once identified, Plug and Play will seek out the best startups to help develop solutions to these challenges. Plug and Play will bring eight to 10 startups to the region every six months. Selected startups will go through three-month "accelerator" programs to help the businesses get off the ground, providing mentorship, resources and office space. This initiative includes the development of a large-scale animal health innovation campus to house the program, as well as research and development labs and office spaces for startups and corporate innovation partners. Topeka is centrally located within the [KC Animal Health Corridor](#), home to more than 300 animal health companies, representing the largest concentration in the world.





KU

BIOSCIENCE &
TECHNOLOGY
BUSINESS
CENTER

2029 Becker Drive



BUSINESS RESOURCES

SECRETARY OF STATE'S APPLICATION AND RECORDING FEE

At the time of filing articles of incorporation, each domestic business entity (any entity organized under Kansas law) pays a filing fee to the Secretary of State. Business entities may file articles of incorporation and other documents online at sos.kansas.gov.

A business entity classified as foreign (any entity organized under the laws of another state) is required to submit an application for certificate of authority and pay a filing fee to the Secretary of State to do business in Kansas. More details can be found at the Secretary of State's website sos.kansas.gov.

KANSAS BUSINESS ONE STOP

The Kansas Business One Stop serves as a link between the business owner and state government. An interagency collaboration among five state agencies, the One Stop offers a central point of contact for state government requirements to plan, start, operate and grow a business. The Kansas Business Startup Wizard helps to streamline the registration process, providing access to state forms, applications and contacts that relate to the formation of new businesses based on the specific needs of the business owner. More information can be found at ksbiz.kansas.gov.

NETWORK KANSAS

NetWork Kansas is cultivating an entrepreneurial environment throughout Kansas by overseeing a robust and collaborative partner network. Beyond connections, this network encourages connectivity among its more than 500 partners. NetWork Kansas also provides a variety of matching loan programs designed to support private capital for startups and expanding businesses. NetWork Kansas funding does not replace private capital. In fact, the programs are designed to support private capital through matching funds that provide much needed capital into

startups and expanding businesses.

REFERRAL CENTER

NetWork Kansas offers a statewide resource referral service that connects entrepreneurs with expertise, education and economic resources throughout the state.

You can contact a referral coordinator at 877.521.8600, info@networkkansas.com, or via an online chat. A referral coordinator will conduct research on the client's behalf and connect them to the correct professional who can address the entrepreneur's need. This is a free service offered to participating organizations and entrepreneurs.

E-COMMUNITIES

NetWork Kansas' resource partners provide key support to the organization's flagship partnership program – Entrepreneurship (E-) Communities. These innovative towns and counties embody the key strategy to fundamental, long-term change. The E-Community Partnership connects targeted resources to targeted entrepreneurs. Empowered and led at the local level, E-Communities work every day to grow a sustainable entrepreneurial environment that supports startups and expansions of businesses in their community. Through E-Communities, entrepreneurs gain access to board certified programs and receive consulting from local and national representatives. The result is a community vision centered around utilizing entrepreneurship as a primary tool for economic development.



TIFFANY NIXON

Manager
Referral Center Operations
tjnixon@networkkansas.com
877.521.8600



Taxes & Incentives

The structure of Kansas' financial incentives, tax levies and tax credits has been thoughtfully planned to be fair and favorable for your business. Our tax base ensures that no single industry is disproportionately burdened. Our incentives reflect an awareness of what it takes to attract and retain the companies that provide jobs for Kansans. Our state is constitutionally restrained from overspending, providing a foundation of fiscal integrity for our business climate.

CORPORATE INCOME TAX

For corporations whose business income is solely within state boundaries, the tax is 4 percent of net income. In addition, net income in excess of \$50,000 is subject to a 3 percent surtax. For those corporations with business income both inside and outside the state, the net income attributed to the Kansas operation is based upon the percentage of the corporation's business located in Kansas. A business' tax obligation is determined by a three-factor formula using the proportion of sales, property and payroll in Kansas compared to total sales, property and payroll.

State law allows net operating losses to be carried forward to each of the 10 years following the taxable year of the net operating loss.

Three-Factor Formula

$$\frac{\text{Sales in KS}}{\text{Total Sales}} \quad \frac{\text{Property in KS}}{\text{Total Property}} \quad \frac{\text{Payroll in KS}}{\text{Total Payroll}}$$

After adding the percentages calculated for the three factors, the result is divided by three to provide an average percentage. Total apportionable income is multiplied by the average percentage to determine Kansas net income. Kansas corporate income tax is calculated using the apportioned net income multiplied

PERSONAL INCOME TAX	
Married Filing Joint	Tax Rate
\$0 - \$30,000	3.10%
\$30,001 - \$60,000	5.25%
\$60,001 and over	5.70%
Single, Head of Household, Married Filing Separate	Tax Rate
\$0 - 15,000	3.10%
\$15,001 - \$30,000	5.25%
\$30,001 and over	5.70%

Tax year 2018 & all tax years thereafter.

by the corporate income tax rate mentioned above.

Corporations may opt to use a two-factor (sales and property) apportionment formula to calculate tax liability if the payroll factor for a taxable year exceeds 200 percent of the average of the property and sales factors.

TWO-FACTOR FORMULA

$$\frac{\text{Sales in KS}}{\text{Total Sales}} \quad \frac{\text{Property in KS}}{\text{Total Property}}$$

After adding the percentages calculated for the two factors, the result is divided by two to provide an average percentage. Total apportionable income is multiplied by the average percentage to determine Kansas net income. Kansas corporate income tax is calculated using the apportioned net income multiplied by the corporate income tax rate mentioned above.

SINGLE-FACTOR FORMULA

Investment funds services companies headquartered in Kansas and employing at least 100 individuals on a full-time equivalent basis are taxed only on their income earned from the administration of funds of Kansas residents. An investment funds service corporation is defined as any

corporation or S-corporation headquartered and doing business in Kansas that derives more than 50 percent of its gross income from the provision of management, distribution or administration services to or on behalf of an investment company, or from trustees, sponsors and participants of employee benefit plans that have accounts in an investment company.

These companies may compute their tax liability using a single-factor formula, which multiplies their qualifying income from funds management services by the percentage of their funds' shares that are owned by Kansas residents. Qualifying income is business income derived from the provision of management, distribution or administration services to or on behalf of an investment company or from trustees, sponsors and participants of employee benefit plans that have accounts in an investment company. A separate calculation must be performed on each fund administered by a company. To continue to use this computation method, companies must maintain at least 95 percent of the Kansas jobs that they had when they first used the computation method. All income that is not from the management, distribution or administration of services is apportioned using the three-factor formula of property, payroll and sales.

EXAMPLE: SINGLE-FACTOR FORMULA, INVESTMENT FUNDS SERVICES COMPANY TAX LIABILITY

Assumptions:

IFSC Company has \$150,000 apportionable income. The company has gross receipts (sales) of \$190,000. Fund A has \$100,000 gross receipts; Fund B has \$40,000 gross receipts and Nonfund gross receipts are \$50,000. The three-factor ratio for IFSC Company Kansas activity is 20%. Fund A has 35% Kansas Shareholders and Fund B has 40% Kansas shareholders

Tax Liability Using Single-Factor Formula:

Assumptions:

IFSC Company has \$150,000 apportionable income. The company has gross receipts (sales) of \$190,000. Fund A has \$100,000 gross receipts; Fund B has \$40,000 gross receipts and Nonfund gross receipts are \$50,000. The three-factor ratio for IFSC Company Kansas activity is 20%. Fund A has 35% Kansas Shareholders and Fund B has 40% Kansas shareholders

Tax Liability Using Single-Factor Formula:

Step 1: Complete qualifying income for each fund & non-fund:

Fund A: Apportionable income $\$150,000 \times (\text{Fund A } \$100,000 \text{ gross receipts}/\text{total gross receipts } \$190,000) = \$79,947$

Fund B: Apportionable income $\$150,000 \times (\text{Fund B } \$40,000 \text{ gross receipts}/\text{total gross receipts } \$190,000) = \$31,579$

Non-Fund Income: Apportionable income $\$150,000 \times (\text{Fund A } \$50,000 \text{ gross receipts}/\text{Total gross receipts } \$190,000) = \$39,474$

Step 2: Compute Kansas income for each fund & non-fund:

Fund A: Qualifying income $\$78,947 \times 35\% \text{ Kansas Shareholders} = \$27,631$

Fund B: Qualifying income $\$31,579 \times 40\% \text{ Kansas Shareholders} = \$12,632$

Non-Fund: Qualifying income $\$39,474 \times 20\% \text{ Kansas 3-factor} = \$7,895$

Step 3: Sum Kansas income for each fund & non-fund:

Fund A $\$27,631 + \text{Fund B } \$12,632 + \text{Non-fund } \$7,895 = \$48,158$

Step 4: Compute Kansas Tax:

Kansas income $\$48,158 \times \text{Kansas Tax Rate } 4.0\% \text{ (no surtax because } \$50,000) = \$1,926$

INSURANCE TAX AND SALARY TAX CREDIT

The premium tax rate for domestic and foreign insurance companies doing business in Kansas is 2 percent, and the tax rate for domestic and foreign HMOs doing business in Kansas is 5.77 percent. Kansas law K.S.A. 40-252d provides for a tax credit for insurance companies equal to 15 percent of Kansas-based employees' salaries (not including commissions or fringe benefits), or up to a maximum of 1.125 percent of taxable premiums dependent on the company's affiliation. The company can claim either the 15 percent credit or up to the 1.125 percent, whichever is less. This could make the effective tax rate on such companies as low as 0.875 percent. This is an annual credit that is recalculated each year.

For example, if a company qualified for the 15 percent tax credit, the estimated credit would be calculated as follows: 100 jobs at a \$50,000 salary produces an annual payroll of approximately \$5 million. The 15 percent salary credit would generate a yearly tax credit of \$750,000, which can potentially offset up to 1.125 percent of the company's 2 percent premium tax. Insurance companies may also qualify for the High Performance Incentive Program (HPIP) tax credits to further offset their tax liability.

TANGIBLE PROPERTY TAX

Both real and tangible personal property are subject to ad valorem taxation by cities, counties and special taxing districts. Intangible property, to the extent it is taxable, is classified and taxed separately. All property is appraised at its fair market value, except for agricultural land, commercial and industrial personal property and certain vehicles. The assessment rate set forth in Art. 11, § 1 of the Kansas Constitution and K.S.A. 79-1439 is applied to the appraised value to determine the assessed value.

The rate of tax depends on the levy of the local taxing district and will vary within the state by location. Both real and tangible personal property are assessed by the county appraiser in the taxing district in which the property is located. Taxes are paid to the county treasurer.

Property taxation is administered by the Division of Property Valuation of the Department of Revenue together with local taxing officers. Public utilities are treated separately for property tax purposes. Utility property is assessed and apportioned to local taxing districts by the Division of Property Valuation.

There are several property tax exemptions that may be available to businesses for certain qualifying real and tangible personal property. The Board of Tax Appeals or appeals courts will decide whether a specific property qualifies for exemption. There are a few exceptions to the filing requirement, including machinery and equipment qualifying for exemption pursuant to K.S.A. 79-223 or K.S.A. 79-224 and items of business machinery, equipment and supplies qualifying for exemption pursuant to K.S.A. 79-201w. (K.S.A. 79-213(l))

The request for exemption shall be filed with the county appraiser of the county where such property is principally located.

After a review of the exemption request and a preliminary examination of the facts as provided, the county appraiser shall recommend to the Board of Tax Appeals that the exemption request either be granted or denied and may request a hearing be held.

If a denial is recommended, a statement of the controlling facts and law relied upon shall be included on the form. The final decision will be made by the Kansas Board of Tax Appeals. (K.S.A. 79-213)



EXAMPLE OF PROPERTY TAX CALCULATION FOR COMMERCIAL AND INDUSTRIAL PROPERTY



*Note: 1 mill = 1/1000 of a dollar

INTANGIBLE PROPERTY TAX

Cities, counties and townships can levy taxes on intangible property. Counties may tax such property at a rate of up to 0.75 percent, and cities or townships may impose an intangible property tax of up to 2.25 percent. The total intangible property tax burden of any individual or business cannot exceed 3 percent. In practice, most local governments have no tax on intangible property.

One-third of the counties in Kansas, less than one-fifth of the cities and about one-third of the townships impose such a tax.

Intangible property is defined as monies and credits including gold and silver coin, United States Treasury notes and stock certificates otherwise taxable to the owner or holder. Intangibles also include: notes, bonds and debentures; claims secured by deed; liquidated claims and demands for money; accounts receivable; and all written instruments, contracts or other writings evidencing, calling for, fixing or showing a fixed obligation in favor of the owner.

SALES AND USE TAX

The Kansas state sales and use tax rate is 6.50 percent of the sale price of tangible personal property and taxable services sold at retail to the consumer. The retailer must charge a customer the combined sales tax rate that equals the sum of the applicable state rate plus all local sales tax rates.

A city sales tax may be imposed in increments of 0.05 percent, not to exceed 2 percent for general purpose and not to exceed 1 percent for special purposes.

A county sales tax may be imposed in increments of 0.25 percent, not to exceed 1 percent. Counties may impose an additional sales tax of up to 1 percent for health care services. Certain counties have statutory authority to exceed the cap as contained in K.S.A. 12-189.

MAJOR CLASSES OF PROPERTY	
Rate	Class
11.5%	Real Property used for residential purposes including multi-family residential real property
12%	Vacant lots, real property owned & operated by not-for-profit organizations
25%	Real property used for commercial & industrial purposes, buildings & other improvements located upon land devoted to agricultural use (Commercial & industrial machinery & equipment are also taxed at this rate)
30%	Agricultural land, mineral leasehold interests & motor vehicles
33%	Public utility real & personal property
Property meeting certain requirements can be exempted from ad valorem taxation. (See Tax Exemptions for Industrial Revenue Bonds & Property Tax Exemptions previously described.)	

KANSAS UNEMPLOYMENT INSURANCE

In Kansas, as in all states, the unemployment insurance system is a federal-state joint venture, financed by both federal and state unemployment taxes. The Unemployment Insurance program is administered by the Kansas Department of Labor, Division of Employment Security, “to provide temporary, weekly compensation to qualified unemployed workers. The two units of this division are Benefits and Tax (Contributions). The Benefits unit determines claimant eligibility and payment of unemployment benefits. The Tax unit collects the state unemployment tax from subject employers.”

Due to Kansas House Bill No. 2576, all new non-construction employers who began operation on July 1, 2014, or after are eligible for the new UI contribution rate of 2.7 percent. Alternatively, if the employer moves to Kansas from another state, the employer may pay Kansas unemployment tax rate corresponding with the employer’s earned experience from the previous state instead of the standard 2.7 percent. The minimum rate is 1 percent. To qualify for this alternative UI rate, employers must meet four requirements:

1. The new employer has been in operation in another state for a minimum of three years;
2. The new employer provided an authenticated account history from the employer’s operations;
3. The business operations established in Kansas are of the same nature, as defined by the North American Industrial Classification System, as the operations in another state;
4. The new employer must make election of the alternative

rate within 30 days of notice of Kansas liability.

The employer has a positive account balance, meaning the employer has contributed more to the Unemployment Insurance System than what has been paid out in benefits to workers previously employed;

The employer maintains a positive account balance through the Additionally, the bill creates a new classification for employers called “Entering and Expanding Employers,” targeted toward existing, growing Kansas employers; an expanding employer is eligible to receive a lower rate based on the employer’s demonstrated risk as reflected in the employer’s reserve fund ratio history or the new employer rate of 2.7 percent for four years, subject to approval by the Secretary of Labor. To qualify for this, an employer must meet the following criteria:

- There has been a 100 percent increase in the taxable payroll over the previous year, due to employment growth and not because of a change in the taxable wage base; four-year period the reduced rate is in effect.

Employers who are not eligible for a rate computation shall pay contributions at the rate of 2.7 percent, except for employers in the construction industry, who will pay at the rate of 6 percent. House Bill 2576, passed in 2014, changed the minimum rate for positive balance employers from 0.11 to 0.09 percent.

The maximum rate remained the same at 5.4 percent. The taxable wage base for Kansas employers was \$8,000 per year in 2014, \$12,000 in 2015 and has been at \$14,000 since 2016.

Lastly, the bill removed the cap placed on voluntary contributions. “Previously, the statute limited voluntary

UNEMPLOYMENT INSURANCE FOR SELECTED STATES		
State	Taxable Wages	Average
Kansas	\$14,000	1.13%
California	\$7,000	4.26%
New York	\$11,100	2.53%
Illinois	\$12,960	2.56%
Missouri	\$12,500	1.17%
Oklahoma	\$17,600	0.95%

Source: U.S. Department of Labor, Employment & Training Administration (accessed January 30, 2020)



contributions to no more than five rate groups. Any employer is permitted to buy down the tax rate as much as desired.”

- Prior to July 1, 2015, the maximum weekly benefit was computed from 60 percent of the average weekly wages paid to employee in insured work during the previous calendar year. After July 1, 2015, the maximum weekly benefit is calculated at 55 percent of the average weekly wages but not to be less than \$474. The maximum weekly benefit for the July 1, 2019 to June 30, 2020 benefit year is \$488.
- Senate Bill 154, passed in 2015, changed the rate schedule for 2016 and future years. Beginning January 1, 2016, there are 27 rate groups for positive-balanced employers. Negative-balanced employers have 11 rate groups. The tax rate and the reserve ratio ranges are now fixed for both positive- and negative-balanced employers. The impact for employers is greater certainty from year to year concerning their unemployment contribution rate.

KANSAS SHARED WORK UNEMPLOYMENT INSURANCE

The Shared Work Unemployment Insurance Program is designed to help both employers and employees by:

- Allowing an employer to divide the workday among a group of affected employees in lieu of a layoff; or
- Allowing employees to receive a portion of their unemployment benefits while working reduced hours.

KANSAS WORKERS' COMPENSATION

Kansas Workers' Compensation Program has undergone major changes over the past few years. We have made dramatic annual decreases in rates, and new laws have been passed that have helped reduce the costs for employers.

Premiums for workers' compensation insurance are determined by applying the rate for occupational classes and experience ratings for individual firms. Premiums are calculated per \$100 of annual employee wages. The rates are competitive and vary by insurance company. Workers' compensation premium rates in Kansas are ninth lowest in the nation.

Kansas employers may secure workers' compensation insurance for employees in one of three ways:

- 1.They may obtain insurance from private insurance companies authorized to transact workers' compensation insurance in Kansas, either in the voluntary market or assigned risk plan;
- 2.Apply to the Kansas Department of Labor to become self-insured; or
- 3.Become a member of a group-funded workers' compensation insurance pool if they are eligible.

The maximum weekly benefit is two-thirds of the employee's average weekly wage at the time of the injury, up to a maximum of \$666 per week.

WORKERS' COMPENSATION PREMIUM RATE RANKING						
2010 Ranking	2012 Ranking	2014 Ranking	2016 Ranking	2018 Ranking	State	Index Rate
43	41	39	41	46	Kansas	1.15
5	3	1	1	2	California	2.87
13	5	4	3	1	New York	3.08
33	36	21	20	27	Missouri	1.68
3	4	7	8	22	Illinois	1.80
4	6	6	8	24	Oklahoma	1.71

Source: Oregon Department of Consumer & Business Services, Information Management Division (accessed September 15, 2021)

INCENTIVES, TAX CREDITS & TAX COMPENSATION

The State of Kansas offers significant and comprehensive business incentives to encourage the construction and expansion of Kansas businesses and industries.





PROMOTING EMPLOYMENT ACROSS KANSAS (PEAK)

The Promoting Employment Across Kansas (PEAK) program was created by the 2009 Kansas Legislature. The 2010, 2011 and 2014 Legislative sessions passed subsequent changes to the PEAK Act, effectively broadening the eligibility criteria resulting in increased program scope and participation. The Legislature enacted PEAK to encourage economic development and job creation in Kansas by incenting companies to relocate, locate, expand or retain a business facility/operations and related jobs. The Secretary of Commerce has discretion to deny or approve applications of qualified companies and determine the benefit term. The PEAK benefit and term are based upon the number of PEAK Jobs/Employees to be hired, their wage levels and other economic impact variables of a project. The PEAK benefit is a fixed amount spread equally and capped annually over a benefit term of up to 10 years. During the benefit term, participating PEAK companies may retain or be refunded 95 percent (95%) of the state withholding tax of PEAK-eligible employees that are paid at or above the county median wage where the PEAK business facility is or will be located.

Qualified companies must create within a two-year period and maintain thereafter, a minimum of five new PEAK Jobs in non-metropolitan counties or 10 new PEAK Jobs in the metropolitan counties of Shawnee, Douglas, Wyandotte, Johnson, Leavenworth and Sedgwick to receive “Basic” program benefits. Qualified companies must create within a two-year period and maintain thereafter, a minimum of 100 new PEAK Jobs regardless of location to receive “High Impact” program benefits. Aggregate wages of the PEAK Jobs must meet or exceed the county median wage (CMW) or North American Industry Classification System (NAICS) average wage for their industry. Applicants meeting program requirements may include for-profit companies and not-for-profit headquarters.

Qualified applicants also must:

1. Offer an adequate health insurance policy (see Definitions) to

its full-time employees within 180 days of hire, and pay at least 50 percent of the employee’s health insurance premium;

2. Not owe undisputed federal, state or local taxes; and

3. Not be under or intend to seek protection under the federal bankruptcy code.

Wages of PEAK-Eligible Employees may not be considered when computing the research and development tax credit (K.S.A. 79-32, 182b). Also, PEAK-Eligible Employees who participate in the Rural Opportunity Zones (ROZ) income tax credit/waiver program are not eligible to have their withholding taxes retained by or refunded to the qualified company for the PEAK benefit.

REMOTE WORKERS

The Kansas Department of Commerce is now able to include employees who work from home in our PEAK incentive program. In addition to employees who work at the Kansas business facility, we can now include a remote workforce. For these individuals to qualify, they must pay withholding to the state of Kansas, appear on the Kansas Department of Labor reports and receive his or her direction from the project facility located in Kansas. In addition, employees must also meet all other program related requirements. Companies must work with a Commerce business recruitment manager or an in-state business development manager to apply to the PEAK program. Applications are accepted throughout the year and must be received prior to hiring PEAK Employees in Kansas and within 180 days of acknowledgment from

Commerce of the company’s decision to relocate, newly locate or expand jobs in Kansas.

For detailed information, please see the PEAK Guidelines and Application available online at KansasCommerce.gov/PEAK.

(1 The ability to offer PEAK incentive to retain the employees of existing Kansas companies ended June 30, 2018.)

(1 The ability to offer PEAK incentive to retain the employees of existing Kansas companies ended June 30, 2018.



HIGH PERFORMANCE INCENTIVE PROGRAM

The State of Kansas offers significant and comprehensive business incentives to encourage the construction and expansion of Kansas businesses and industries. Specifically, the High Performance Incentive Program (HPIP) offers business incentives to companies that make new capital investment in their companies, pay above-average wages for their industry. For certain non-manufacturing firms, there may be an additional qualifier that a majority of their revenues will need to come from outside of Kansas. HPIP can offer corporate income tax credits and a sales tax exemption on purchases related to your project. These credits can be used by corporations, as well as by other entities such as Subchapter S corporations and limited liability companies.

To be eligible for HPIP, a worksite must either pay above-average wages for its industry or one-and-a-half times the statewide average wage exclusive of owner compensation. To determine whether a worksite pays above-average wages, the worksite's wages will be compared to those of business establishments in like industries within the county or counties that comprise the appropriate HPIP wage region.

Firms must be certified by Commerce before filing for this credit. Participating businesses must be in the North American

Industry Classification System (NAICS) categories 22I, 31I-339, 423-425, 48I-72I or 81I-928. If a business is in major NAICS non-manufacturing categories 22I, 423-425, 48I-72I or 81I-928, more than half of sales must be to Kansas manufacturers and/or out-of-state commercial or government customers.

Specific incentives extended to firms meeting the qualifications include the following:

- A 10 percent investment tax credit against corporate income tax on qualified business facility investment (as defined by K.S.A. 79-32,154) that exceeds \$50,000 or \$1 million for metro counties of: Johnson, Shawnee, Sedgwick, Wyandotte and Douglas. The investment tax credit is a one-time credit with a 16-year carry forward provision, subject to requalification for any unused credits, and can be used to reduce up to 100

percent of a firm's annual tax liability.

- A workforce training tax credit of up to \$50,000 per annum on qualified training expenditures above 2 percent of reported worksite wages. Unused training tax credit cannot be carried forward for use in future tax years.
- A sales tax exemption on purchases and services relating to new investment in facility or equipment after HPIP certification is obtained.

As a critical first step in order to take advantage of HPIP tax credits, the firm must submit a Project Description (PD) Form to Commerce, estimating the start date and scope of anticipated investment. The statute requires submittal of the Project Description form before the company commits to move forward with the investment (e.g., by making a purchase, signing a commitment document such as an equipment purchase order or lease agreement or construction contract or moving assets into Kansas that are already owned by the company at an out-of-state location). Pre-identification of qualified investment on the PD allows the company to potentially earn tax credits on that investment.

For detailed information, please see the HPIP webpage available online kansascommerce.gov/HPIP.

REMOTE WORKERS

The Kansas Department of Commerce is now able to include employees who work from home in our HPIP incentive program.

In addition to employees who work at the Kansas business facility, we can now include a remote workforce. For these individuals to qualify, they must pay withholding to the state of Kansas, appear on the Kansas Department of Labor reports and receive his or her direction from the project facility located in Kansas. In addition, employees must also meet all other program related requirements.

For detailed information, please see the HPIP webpage available online kansascommerce.gov/HPIP.

EXAMPLE: High Performance Incentive Program

Investment Tax Credit (ITC) may be used to offset income, privilege or premium tax liability. HPIP is allowed for income tax filers, privilege tax filers (banks) and insurance company filers. Allowed unused credits can be carried forward for 16 years. Employee training tax credit is applied first and does not carry forward.

HPIP Requirements:

1. Pay above-average wages (as compared to other similar firms in the same geographical area with matching NAICS codes);
2. Classify as a headquarters or ancillary support “back-office” operation of a national or multi-national corporation in any NAICS category OR be in the NAICS category 221, 311 - 339, 423 - 425, 481 - 519, 521 - 721 or 811 - 928;
3. Be either a manufacturer or able to document that most of its sales are to Kansas manufacturers and/or out-of-state businesses or government agencies;
4. be a for-profit company subject to state taxes;
5. For any investment in which the company anticipates claiming a related tax credit through HPIP, a Project Description form must be submitted before the company commits to that investment.

*For metropolitan counties of: Johnson, Shawnee, Sedgwick, Wyandotte and Douglas, the minimum threshold of \$1 million would be deducted vs. \$50,000 for all other counties before calculating the 10 percent investment tax credit.

Assumptions:

1. Capital investment.....\$5 million (all expenses in this example go toward equipment)
2. Number of jobs created30 (not required to qualify for HPIP)
3. Annual payroll\$1 million
4. Investment in training\$60,000
5. Year’s income tax liability\$75,000

Benefits:

1. Employee training tax credit\$40,000 (exceeding 2 percent of annual payroll, max \$50,000)
2. Investment tax credit\$495,000 (10 percent of amount exceeding \$50,000*)
3. Total HPIP income tax credit.....Total HPIP income tax credit
4. Less: Total income tax liability during year of investment\$75,000
5. ITC’s to use toward future tax liability\$420,000
6. Sales tax project exemption\$307,500 (capital investment times 6.15 percent tax)

Total High Performance Incentive Program Benefit:

HPIP Investment Tax Credit	\$495,000
Sales Tax Exemption Savings	\$307,500
Total HPIP Benefit	\$802,500

HPIP TERMS GLOSSARY

Sales Tax Exemption: Eligible purchases including the purchase and installation of machinery and equipment, as well as materials used in the construction, reconstruction, enlarging, remodeling or furnishing of a qualified business facility. The exemption includes any quality control or pollution control equipment installed as part of the aforementioned activities. A business must file a Request for Project Exemption Certification (Form PR-70b) at ksrevenue.org/pecwelcome with the Department of Revenue before starting the project and making taxable purchases. The sales tax exemption is available in all counties in Kansas.

Net New Job: For new companies, any job that is new to Kansas is a “net new job.” For an expanding industry or one building a replacement facility, a “net new job” refers to any job created over and above the employee base, which is determined by averaging the preceding year’s annual employment.

Qualified Business Facility: Includes the value of all real and tangible personal business property except inventory or property intended for sale to customers. The value of such property is its original cost if owned by the company or eight times the annual rental rate if leased by the company. Equipment transferred to Kansas from out-of-state to a new or expanding facility is considered qualified investment. Such equipment is valued at its original purchase cost.

If the company purchases and takes delivery of canned software, this is tangible personal property and can be included as qualified business facility investment. If the company developed the software for their own use (customized software), this would be considered as intangible property and not qualified business facility investment for HPIP purposes.



HPIP TAX CREDIT TRANSFERS

During the 2021 Legislative Session, Senate Bill 65 was passed and signed by the Governor. This legislation will permit an HPIP certified company to sell or transfer HPIP tax credits, under certain conditions, to another entity or individual.

For projects placed into service on and after January 1, 2021, a taxpayer may sell or transfer up to 50% of the tax credit allowed. The taxpayer may sell or make a transfer to one or more transferees, but the total of all transfers shall not exceed 50% of the taxpayer's tax credit. An HPIP certified company may request up to two transfers a year. The taxpayer shall make the transfer or transfers within a single tax year. The credit may be sold or transferred to any individual or entity and shall be claimed in the year the credit was transferred against the transferee's tax liability for the income tax under the Kansas income tax act or the premium tax, privilege fees, or the privilege tax.

The amount of the credit that exceeds the transferee's tax liability for such year may be carried forward for credit in the succeeding taxable year or years until the total amount of the tax credit is used, except that no such credit shall be carried forward for deduction after the 16th taxable year succeeding the taxable year in which such credit was initially claimed.

In the event the tax credit earned by the taxpayer and transferred to a transferee is later disallowed in whole or in part by the Secretary of Revenue, the taxpayer that originally earned the tax credit shall be liable for repayment to the state in the amount disallowed.

HPIP - SALES TAX EXEMPTION FOR CAPITAL EXPENDITURES

Companies that qualify for HPIP can also qualify for a state and local sales tax exemption for expenditures made on the materials, equipment and services purchased when building, expanding or renovating a business facility. Companies that

qualify for HPIP are eligible to receive a state and local sales tax exemption without being tied to a job creation requirement. The Request for Project Exemption Certificate (PR-70b) needs to be filed prior to making taxable purchases related to the project. The application is filed with the Kansas Department of Revenue..

A letter from the Kansas Department of Commerce would need to accompany the sales tax exemption request indicating the legal entity was certified under HPIP for the request to be approved. The sales tax exemption certificate will be issued effective from the latter of the date the exemption request is received by Revenue or the start of the HPIP certification period. The sales tax exemption can be effective for the term of the project if the company remains certified under HPIP.

The sales tax exemption application can be completed by completing the PR-70b. This can be done online by creating an account on the Kansas Department of Revenue website.

A company may need to pay sales tax on the taxable purchases and file for reimbursement if the company is not HPIP-certified at the time of purchase.

Eligible purchases include the purchase and installation of machinery, equipment, labor and materials used in the construction, reconstruction, enlarging or remodeling of a qualified business facility. The exemption includes any telecommunications systems, quality control equipment or pollution control equipment installed as a part of the previously mentioned activities.

The amount of the exemption is dependent on the portion of the building leased and the costs of renovating or developing the facility. Partial exemptions for leases where only a portion of the building is leased are calculated using a percent-of-total-square-foot-leased method or a cost-per-square-foot method for the leased space.





WORKFORCE TRAINING

KANSAS INDUSTRIAL TRAINING

The Kansas Industrial Training (KIT) program may be used to assist firms involved in job creation. Training can include subjects that provide knowledge and specific skills necessary for job entry, including instruction on the company's own production equipment on the plant floor or on similar machinery in a classroom setting.

Examples of eligible expenditures include instructor salaries, curriculum planning and development, materials, supplies, textbooks and minor training equipment. To participate, a company must be creating at least one new position at an average wage equal to or greater than the median wage for their county.

REMOTE WORKERS

The Kansas Department of Commerce is now able to include employees who work from home in our KIT / KIR Training incentive programs.

In addition to employees who work at the Kansas business facility, we can now include a remote workforce. For these individuals to qualify, they must pay withholding to the state of Kansas, appear on the Kansas Department of Labor reports and receive his or her direction from the project facility located in Kansas. In addition, employees must also meet all other program related requirements.





KANSAS INDUSTRIAL RETRAINING

The Kansas Industrial Retraining (KIR) program is a job retention tool that helps employees of restructuring companies who are likely to be displaced because of obsolete or inadequate job skills and knowledge. To participate, a company must retrain at least one existing position at an average wage equal to or greater than the median wage for their county as well as show the employee will be displaced.

Examples of eligible expenditures include instructor salaries, curriculum development, materials, supplies, textbooks and minor training equipment. To be eligible, a company must retrain at least one existing position at an average wage equal to or greater than the median wage for their county.

For detailed information, [click here](#) to view the KIT/ KIR Guidelines available online.

MACHINERY AND EQUIPMENT EXPENSING DEDUCTION

Eligible Kansas taxpayers can claim an expense deduction for business machinery and equipment placed in service in Kansas during the tax year. The expense deduction will not be available to other types of taxpayers. Effective Tax Year 2014 and forward, privilege taxpayers may claim the expense deduction against the privilege tax liability.

The one-time deduction is allowed for each qualified purchase of machinery and equipment in the year that it is placed in service. The unused expense deduction is treated as a Kansas net operating loss that may be carried forward for 10 years. The Kansas net operating loss deduction is only available to C-Corporations and is no longer available to other types of taxpayers. Eligible investment is machinery and equipment depreciable under the Modified Accelerated Cost Recovery System (MACRS) in section 168 of the Internal Revenue Code or canned software as defined in section 197 of the Internal Revenue Code. Examples of eligible equipment include manufacturing equipment, office furniture, computers, software and racking. Part of the deduction is recaptured if the property is later sold or moved outside of Kansas during its applicable recovery period.

MACHINERY AND EQUIPMENT PROPERTY TAX EXEMPTION

A state and local property tax exemption is available for new or used commercial and industrial machinery and equipment acquired by qualified purchase or lease or transferred into the state for the purpose of expanding an existing facility or establishing a new facility after June 30, 2006. This exemption covers:

- Equipment used in manufacturing operations
- Equipment used in warehousing/distribution
- Business machinery
- Computers
- Desks and chairs
- Copiers
- Fax machines
- Semi-trailers
- Spare parts, supplies and materials

(Items not covered include: motor vehicles; oil-and-gas leases including the prescribed personal property; oil-and-gas itemized personal property such as drilling equipment and rigs, pipe and casing and public utility personal property except telecommunications, railroads and electric generation facilities utilizing renewable energy resources.)



INVENTORY TAX EXEMPTION

All merchants' and manufacturers' inventories have been exempt from property taxes by constitutional amendment since 1989 (K.S.A. 79- 201m). This exemption does not apply to public utility inventories.

TAX EXEMPTIONS FOR INDUSTRIAL REVENUE BONDS

Businesses using Industrial Revenue Bonds (IRBs) as a financing mechanism may enjoy certain tax exemptions:

- Property financed with IRBs is exempt from ad valorem taxation for up to 10 years after the bonds are issued. However, localities may elect to negotiate payments in lieu of taxes (K.S.A. 79-201a).
- The cost of construction labor, building materials and machinery and equipment is exempt from state and local sales taxes if financed by IRBs (K.S.A. 79-3603).

PROPERTY TAX EXEMPTION

The board of county commissioners or the governing body of a city may exempt certain business property from ad valorem taxation. Qualifying properties must be used exclusively for manufacturing articles of commerce, conducting research and development or storing goods or commodities that are sold or traded in interstate commerce. The tax exemption includes all or any portion of the appraised value of buildings and commensurate land and improvements. Property additions and expansions of existing businesses are eligible for the property tax exemption if new jobs are created as a result of such activity.

A total or partial ad valorem tax exemption may be in effect for up to 10 years after the calendar year in which the business commences its operations or an expansion is completed (Art. 11, Sec. 13, Kansas Constitution).

Items of machinery, equipment, materials and supplies used for business purposes with a retail cost when new of \$1,500 or less are exempt from property tax (K.S.A. 79-201w). Aircraft used predominantly in the conduct of the owner's business or industry is exempt from property tax (K.S.A. 79-201k).

For more information, [click here](#).



SALES TAX EXEMPTIONS

There are several sales tax exemptions available in Kansas by state statute that are identified, along with the application for the exemption, in the [Exemption Certificates booklet](#). Some of the key sales tax exemptions are below.

- Electricity, gas and water consumed in production during manufacturing are exempt from the Kansas sales tax [K.S.A. 79-3606(n)].
- Sales of manufacturing machinery and equipment are exempt from sales taxes [K.S.A. 79-3606(kk)]. This exemption extends to machinery and equipment purchased primarily for use in the assembly, processing, finishing, storing, warehousing or distribution of tangible personal property intended for resale. Specifically, K.S.A. 79-3606 (fff) provides that the following shall be exempt from tax.
- Sales of material handling equipment, racking systems and other related machinery and equipment that is used for the handling, movement or storage of tangible personal property in a warehouse or distribution facility in this state.
- Sales of installation, repair and maintenance services performed on such machinery and equipment.
- Sales of repair and replacement parts for such machinery and equipment.
- Labor and services used in original construction of a building or facility. [K.S.A. 79-3603(p)]
- Tangible personal property purchased by a railroad or public utility for direct and immediate consumption or movement in interstate commerce. [K.S.A. 79-3606(f)]
- Tangible personal property that becomes an ingredient or component part of tangible personal property or services produced, manufactured or compounded for ultimate sale at retail either inside or outside of Kansas. [K.S.A. 79-3606(m)]
- Tangible personal property that is consumed or dissipated within a year in the actual production, manufacturing, processing, mining, drilling, refining or compounding of tangible personal property for ultimate sale at retail either inside or outside Kansas. [K.S.A. 79- 3606(n)]
- Purchases of animals, fowl and fish primarily used in agriculture; the production of food for human consumption; the production of animal, dairy, poultry or fish products, fiber or fur; or the production of offspring for use in any such endeavor. [K.S.A. 79-3606(o)]
- Tangible personal property purchased by a city from

the proceeds of industrial revenue bonds issued prior to July 1, 1973; the cost of the building and all items of fixed equipment are entitled to exemption from Kansas sales tax at the time of initial purchase. [K.S.A. 79- 3603(h)];

- Incoming and outgoing interstate-wide area telephone or transmission services (WATTS). The gross receipts from sales of interstate telephone or telegraph services utilizing a WATTS line are specifically exempted from state sales taxes. [K.S.A. 79-3603(b)].

A sales tax exemption certificate must be obtained from the Kansas Department of Revenue prior to any purchases. The exceptions to this involve the labor on residential construction, original construction and replacement or repair of bridges and highways, which does not require a certificate [K.S.A. 79-3603(p)].

The Kansas Department of Commerce can assist businesses in obtaining exemption certificates.

Kansas applies the “Integrated Plant” standard to the taxation of machinery and equipment used in production [K.S.A. 79-3606(kk)]. Adoption of the integrated plant standard makes it easier for the taxpayer to interpret the boundaries of the exemption. Traditionally, manufacturing machinery and equipment used in production qualified for the tax exemption only if they had a “direct and immediate effect” on the physical transformation of raw material into new material.

The integrated plant theory is broader and allows for additional machinery and equipment to qualify for the tax exemption. Machinery such as pollution control equipment will qualify for the tax exemption under the integrated plant theory.

The integrated plant theory is specifically intended to include the following:

- Pre-production machinery and equipment (e.g., raw material storage equipment, raw material handling equipment).
- Machinery that services the production line (e.g., machinery that purifies water, cleans oil, screens chemicals).
- Machinery that deals with byproducts of production (e.g., pollution control equipment, waste handling equipment).
- Ancillary property that might otherwise not be viewed as machinery or equipment (e.g., gas pipes that are part of the manufacturing or processing equipment, electric wiring that is part of the manufacturing equipment, special foundations, clean rooms).
- Labor services for installation and repair of qualified machinery or equipment.



TAX CREDIT FOR RESEARCH AND DEVELOPMENT

In order to stimulate increased research and development activity by Kansas businesses, the State offers an income tax credit equal to 6.5 percent of a company's investment in research and development above an average of the actual expenditures in research and development activities made in the taxable year and the two immediately preceding taxable years. Only 25 percent of the allowable annual credit may be claimed in any one year.

Any remaining credit may be carried forward in 25 percent increments until exhausted. Expenditures in research and development activities are defined by Kansas law as those expenses that are allowable as deductions under the federal Internal Revenue Code. Credit is only available to corporations subject to the Kansas corporate income tax, i.e. C-Corporations. Beginning in tax year 2013, this credit shall not be available to individuals, partnerships, S-Corporations, limited liability companies or other pass-through entities (Schedule K-53, K.S.A. 79-32,182b).

RESEARCH TAX CREDIT CALCULATIONS TABLE

RESEARCH TAX CREDIT CALCULATIONS TABLE	
Total Qualified Investment	
2020	\$150,000
2019	\$125,000
2018	\$100,000
Tax Year 2020 Return Calculations	
Total Qualified Expenditures	\$375,000
Three-Year Average Expenditure	\$125,000
Amount of Expenditures for Credit (\$150,000 less \$125,000)*	\$25,000
2016 Credit Calculation	
6.5% of base expenditure allowed 6.5% x \$25,000	\$1,625
25% of credit claimed per year 25% x \$1,625	\$406.25
Previous Carry-Over Credits (may be claimed from previous tax years)	
2020	\$541.67
2019	\$1,083.25
Total Credits Against 2020 Taxes	\$2,031.17
*Current expenditures of \$150,000 minus three-year average of \$125,000	



DISABLED TAX CREDIT

Any taxpayer who spends money to make all or any portion of an existing building or facility accessible to persons with a disability is entitled to a tax credit. The building or facility must be on real property located in Kansas and used in a trade, business or for the production of income.

The tax credit available is equal to 50 percent of expenditures of this kind, or \$10,000, whichever is less for a business taxpayer. The tax credit is applied against the income tax, premium tax or privilege fees and shall be deducted from the taxpayer's tax liability in the taxable year in which the expenditures are made.

This tax credit may be carried over for a period of four years after the year the credit was earned. This credit shall only be available to corporations subject to the Kansas corporate income tax, i.e. C-Corporations. Effective tax year 2014 and forward, the credit becomes available to all taxpayers (Schedule K-37, K.S.A. 79-32,177, K.S.A. 79-1117 and K.S.A. 40-2813).

TAX CREDITS FOR DAY CARE FACILITIES

Tax credits are offered against Kansas income tax liability for businesses providing child day care services to employees. These credits apply to taxpayers who pay for or locate child day care services for their employees or that provide facilities and necessary equipment for child day care services.

The credit is equal to 30 percent of the amount spent in Kansas during the tax year for child day care services purchased for the dependent children of the taxpayer's employees. However, the credit for any taxpayer cannot exceed \$30,000 for any tax year.

Employers wishing to establish a child day care facility primarily for the employees' dependent children can claim additional benefits. A credit of up to 50 percent of the amount spent in the establishment of such a facility can be taken, up to \$45,000 per taxpayer, during the first year. One or more taxpayers may work together to establish such a facility. In the taxable years after the year of establishment, the annual credit available to the taxpayer would be 30 percent of the amount expended for the annual operation of the facility but not to exceed \$30,000 for any tax year.

When computing the credit, amounts received by the taxpayer as payment for use of the child day care services are subtracted from the annual cost of operating the facility.

In order to receive this tax credit, the child day care facility or provider must be licensed or registered in Kansas. Should the taxpayer qualify for the credit, the amount of the credit in excess of the taxpayer's liability for the tax year will be refunded. The aggregate amount of child day care facility credits that may be claimed for any fiscal year cannot exceed \$3 million statewide. Beginning in tax year 2013, this credit shall only be available to corporations subject to the Kansas corporate income tax, i.e. C-Corporations. This credit shall not be available to individuals, partnerships, S-Corporations, limited liability companies or other pass-through entities (Schedule K-56, K.S.A. 79-32,190 et seq.).



ENTREPRENEURSHIP TAX CREDIT

Taxpayers, including corporations that invest in the Kansas Center for Entrepreneurship, can claim a state tax credit of 75 percent of the amount donated. The minimum investment to claim the tax credit is \$250, and the tax credit is limited to a total of \$2 million for any fiscal year.

The tax credit is limited to \$100,000 per individual contributor per tax year. Funds will be used for awards to regional and community organizations that provide seed capital to qualified entrepreneurs, especially those located in distressed and rural communities (Schedule K-3I, K.S.A. 74-99c09).

ANGEL INVESTOR TAX CREDIT

The personal income tax credit is 50 percent of the investor's cash investment through qualified securities of an eligible Kansas business. If the amount of the credit exceeds the investor's tax liability in any one taxable year, the remaining portion of the credit may be carried forward until the total amount of the credit is used. The credit is limited to \$50,000 per single Kansas business invested in, with a maximum total

of \$250,000 in tax credits for a single year per investor.

The cumulative aggregate amount of Angel Investor tax credits allowed shall not exceed \$6 million for each tax year. The 2016 Legislature extended this tax credit until 2021. An accredited investor is a natural person or an owner of a permitted entity investor, who is of high net worth, as defined in 17 C.F.R. 230.501(a) as in effect on the effective date of the act.

The SEC defines an accredited investor as any natural person whose individual net worth, or joint net worth with that person's spouse, exceeds \$1 million or any natural person who had an individual income in excess of \$200,000 in each of the two most recent years or joint income with that person's spouse in excess of \$300,000 in each of those years and has a reasonable expectation of reaching the same income level in the current year (Schedule K-30, K.S.A. 74-8133).

For more information, please visit [kansascommerce.gov/angels](https://www.kansascommerce.gov/angels).





KANSAS DOWNTOWN REDEVELOPMENT TAX REBATE

Through the Downtown Redevelopment Act, areas designated by the Secretary of Commerce can receive a rebate of property tax collected on properties that have undergone approved improvements. The city must request and be approved by Commerce before businesses can take advantage of the rebate. The amount of the rebate depends on the city and whether or not there are inter-local agreements in place with all local taxing entities or if the rebate is only from the city's percentage. A property owner submits a written application to the governing body of the city to request the rebate.

A rebate of the incremental tax increase between the valuation prior to the improvements and the new assessed valuation is made available for five years. For the sixth year, 80 percent of the tax increment is subject to rebate. For the seventh, eighth and ninth years, the percentage of the tax increment that is not subject to rebate will increase by 20 percent each year. Beginning in the 10th year, no rebate is available.

[Click here](#) for more information.

COMMUNITY SERVICE PROGRAM TAX CREDIT

The Kansas Community Service Program authorizes tax credits against the state income tax, premium tax and privilege tax for businesses that make contributions toward state-approved community service capital projects. The awarded organizations or entities must engage in activities that meet demonstrated needs in the state in the areas of community service, health care, crime prevention and/or youth apprenticeship and technical training.

Contributions toward approved projects are eligible for up to a 50 percent credit. Contributions toward approved projects in designated rural areas are eligible for up to a 70 percent credit. The Community Development Division of Commerce administers this program, determining the eligibility of contributing recipients by process of application (Schedule K-60 K.S.A. 79-32,194 et seq.).

[Click here](#) for more information.

ENERGY INCENTIVES

With an ever-increasing percentage of the state's energy coming from renewable sources, Kansas offers an immediate advantage to companies committed to meeting corporate sustainability goals.

In 2019, wind energy surpassed coal for the first time as the largest energy source for generating electricity in Kansas. Wind energy provided 43 percent of electricity generation in Kansas, the second-largest share for any state.

Kansas is committed to the growth of this industry through the development of additional wind farms and a strong supply chain. In addition, the state has a strong solar rating, supporting growth in residential and commercial solar energy use.

Kansas is also a leader in the production of biofuels, with multiple operating ethanol facilities across the state and strong potential for biogas, biodiesel and related operations.

The State of Kansas has several incentives to assist the development of renewable energy. State tax exemptions are available for projects that utilize biomass or waste heat to convert to energy or otherwise generate power using renewable sources.

PROPERTY TAX EXEMPTION FOR RENEWABLE ENERGY GENERATION

Kansas offers outstanding opportunities for electricity production from renewable sources. The Kansas Legislature enacted a property tax exemption for projects that use wind, solar, photovoltaic, biomass, hydropower, geothermal or landfill gas resources to generate electrical energy. Kansas Statute 79-201 K.S.A. grants a property tax exemption for all property actually and regularly used predominantly in the generation of electricity from renewable sources, whether it is an industrial, commercial, utility or personal application. After December 31, 2016, exemptions granted for new renewable energy facilities are limited to the 10 taxable years immediately following the taxable year in which construction or installation of such property is completed.



BIOMASS-TO-ENERGY PLANT TAX EXEMPTION AND DEDUCTION

A taxpayer may be entitled to a deduction from Kansas adjusted gross income of the amortizable costs of a new facility or expansion of an existing biomass-to-energy plant. The deduction is equal to 55 percent of the amortized costs of the facility for the first taxable year and 5 percent for the next nine taxable years.

Any new biomass-to-energy plant property or any expanded biomass-to-energy plant property is exempt from all property taxes levied from and after purchase or commencement of construction or installation of such property and for the 10 taxable years immediately following the taxable year in which construction or installation of such property is completed (K.S.A. 79-229).

The Kansas Development Finance Authority is authorized to issue revenue bonds in amounts sufficient to pay the costs of construction or expansion.

WASTE HEAT UTILIZATION SYSTEM TAX EXEMPTION AND DEDUCTION

A waste heat utilization system includes facilities and equipment for the recovery of waste heat generated in the

process of generating electricity and the use of such heat to generate additional electricity or to produce fuels from renewable energy resources or technologies.

A taxpayer shall be entitled to a deduction from Kansas adjusted gross income the amortizable costs of a waste heat utilization system. Such deduction shall be equal to 55 percent of the amortizable costs of such system for the first taxable year and 5 percent for the next nine taxable years. The provisions of this section shall apply to all taxable years commencing after Dec. 31, 2006 (K.S.A. 79-32,250).

For all taxable years commencing after Dec. 31, 2006, any waste heat utilization system property is exempt from all property taxes levied from and after purchase or commencement of construction or installation of such property and for the 10 taxable years immediately following the taxable year in which construction or installation of such property is completed (K.S.A. 79-231).

The Kansas Development Finance Authority is authorized to issue revenue bonds in amounts sufficient to finance the construction of waste heat utilization systems at electric generation facilities.





ALTERNATIVE-FUEL FUELING STATION TAX CREDIT

A taxpayer that makes qualified expenditures for eligible alternative-fuel fueling stations shall be allowed a credit against the income tax imposed. For any qualified alternative-fuel fueling station placed in service on or after Jan. 1, 2009, an amount equal to 40 percent of the total amount expended but not to exceed \$100,000 for each fueling station is allowed as a credit. Beginning in tax year 2013, this credit shall only be available to corporations subject to the Kansas corporate income tax, i.e. C-Corporations. This credit shall not be available to individuals, partnerships, S-Corporations, limited liability companies or other pass-through entities (Schedule K-62, K.S.A. 79-32, 201).

CARBON DIOXIDE CAPTURE/SEQUESTRATION TAX EXEMPTION AND DEDUCTION

A taxpayer is entitled to a deduction from Kansas adjusted gross income with respect to the amortizable costs of carbon dioxide capture, sequestration or utilization machinery and equipment over a period of 10 years. The amortization deduction shall be an amount equal to 55 percent of the amortizable costs of such machinery and equipment for the first taxable year in which such machinery and equipment are in operation and 5 percent of the amortizable costs of such machinery and equipment for each of the next nine taxable years (K.S.A. 79-32, 256).

The taxpayer can claim the deduction by filing a statement with the Secretary of Revenue of such election. The deduction is available in all taxable years commencing after Dec. 31, 2007.

For all taxable years commencing after Dec. 31, 2007, any carbon dioxide capture, sequestration or utilization property and any electric generation unit which captures and sequesters all carbon dioxide and other emissions is exempt from all property taxes levied from and after purchase or commencement of construction or installation of such property and for the five taxable years immediately following the taxable year in which construction or installation of such property is completed (K.S.A. 79-233).



ALTERNATIVE-FUELED MOTOR VEHICLE TAX CREDIT

A taxpayer who makes qualified expenditures for eligible alternative-fueled motor vehicles shall be allowed a credit against the income tax imposed. For any qualified alternative-fueled motor vehicle placed in service on or after Jan. 1, 2005, the credit is equal to 40 percent of the incremental cost or conversion cost for each qualified vehicle expended but not to exceed \$2,400 (credits based on vehicle weight).

The credit for motor vehicles that are capable of operating on a blend of 85 percent ethanol and 15 percent gasoline are

allowed for taxable years commencing after Dec. 31, 1999, only if the individual claiming the credit furnishes evidence of the purchase of 500 gallons of ethanol and gasoline blend during the period of time beginning with the vehicle purchase and ending on Dec. 31 of the next succeeding calendar year. Beginning in tax year 2013, this credit shall only be available to corporations subject to the Kansas corporate income tax, C-Corporations. This credit shall not be available to individuals, partnerships, S-Corporations, limited liability companies or other pass-through entities (Schedule K-62, K.S.A. 79-32, 201).



INTERNATIONAL TRADE AND INVESTMENT

The International Division works directly with Kansas companies to increase sales of products and services in international markets. The International team also takes an active role in recruiting international businesses to the state. It uses worldwide marketing initiatives to enhance awareness of Kansas around the globe and helps Kansas businesses reach the largest possible market.

These initiatives also promote the advantages of doing business in Kansas in an effort to recruit international investment to the state. For more information, please visit the Export Assistance and Marketing page at kansascommerce.gov/international.

EXPORT ASSISTANCE

Assistance is provided to Kansas companies wishing to begin or expand their international marketing efforts. Department staff members counsel individual Kansas firms, provide export data and foreign market research, coordinate with domestic and foreign agencies in marketing promotions, participate in export seminars, recruit and assist company participation in international trade shows, host foreign delegations and distribute foreign trade leads to appropriate Kansas companies.

STATE TRADE EXPANSION PROGRAM

The State Trade Expansion Program (STEP), funded in part through a Cooperative Agreement with the U.S. Small Business Administration, helps Kansas non-exporters to get started and existing exporters to expand into additional markets. Since the grant's inception in 2012, more than 160 Kansas small businesses have participated and achieved over \$33 million in actual export sales. Qualified companies can receive funding

assistance on export training, foreign trade shows and trade missions and market entry activities.

KANSAS INTERNATIONAL TRADE SHOW ASSISTANCE PROGRAM

The Kansas International Trade Show Assistance Program (KITSAP) provides funding assistance to Kansas companies that are exhibiting at foreign trade shows for the first time or introducing a new product into that market for the first time. Qualified companies can receive funding assistance on booth rental, design, construction, etc. The KITSAP program will reimburse one-half of a company's eligible direct expenses -- up to \$3,500 per show and up to \$7,000 during a state fiscal year (July 1 through June 30).

KANSAS MARKET ACCESS PROGRAM

The Kansas Market Access Program (K-MAP) assists Kansas companies in accelerating their exporting efforts. Qualified companies can receive funding assistance on foreign sales trips, market research projects, foreign product certification, translation services, etc. The K-MAP program will reimburse up to 50 percent of a company's eligible direct expenses, and a company can receive up to \$5,000 in total financial assistance during a state fiscal year (July 1 through June 30).

INTERNATIONAL INVESTMENT RECRUITMENT

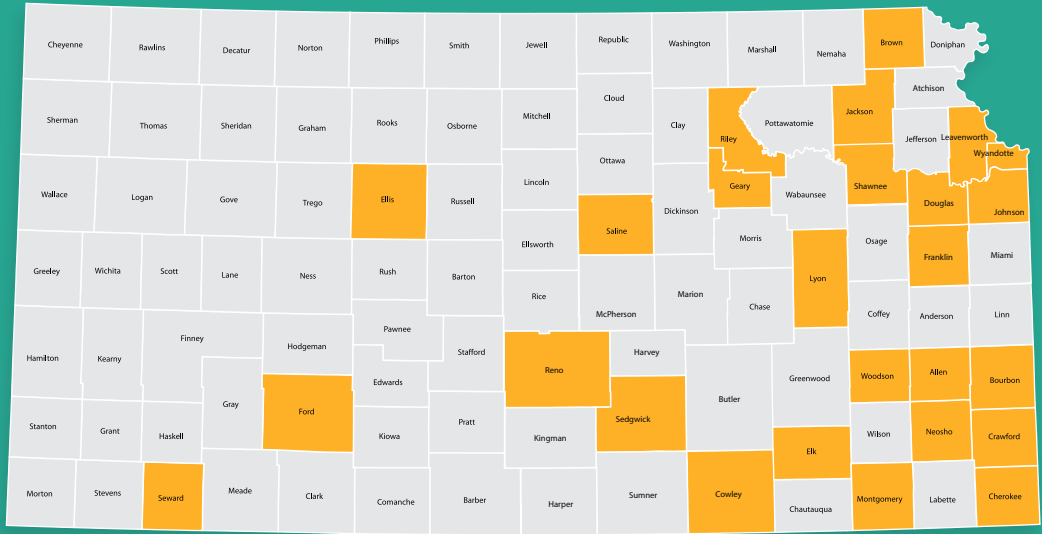
The Department's international investment experts provide assistance to international companies or their consultants who are considering Kansas for new manufacturing, distribution or office facilities. Assistance includes information on location, developing incentive proposals, coordinating in-state site visits, serving as a liaison with other state agencies and serving as your single Kansas contact to ensure project confidentiality.

SBA HUBZONE PROGRAM

The Historically Underutilized Business Zones (HUBZone) program helps small businesses in urban and rural communities gain preferential access to federal procurement opportunities.

In order to qualify for the HUBZone program, your business must be located in an area designated as a Historically Underutilized Business (HUB) Zone.

For more information on the HUB Zone program, please visit sba.gov/hubzone or contact the SBA Office in Wichita 316.269.6616 or Kansas City 816.426.4900.



SBA.gov Accessed Oct. 2021

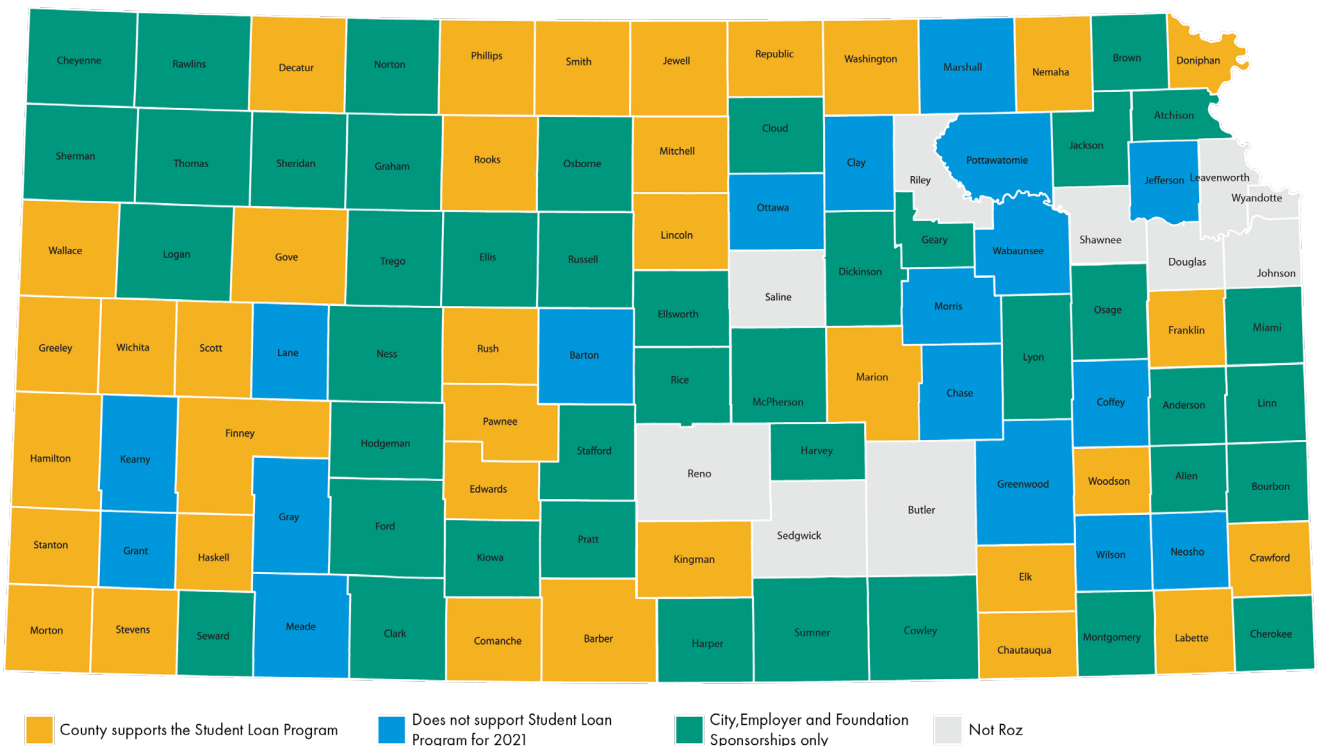
RURAL OPPORTUNITY ZONES

Rural Opportunity Zones (ROZ) are designed to spur economic development and population growth in 77 key counties around the state. The program has two main incentives:

- I. A 100 percent state income tax credit up to five years for individuals who move to a ROZ county from outside the state. Individuals must not have lived in Kansas for the past five years, nor have Kansas source income of more than \$10,000 per year over the past five years.

2. Student loan repayment assistance of up to \$3,000 per year (\$15,000 maximum benefit) for individuals who graduate from an accredited post-secondary institution with at least an associate degree and move to a ROZ county after receiving the degree and the county was designated a ROZ county. The student loan repayment assistance portion of the program is a county-state partnership, counties must opt and provide matching funds in to participate in the program.

For more information, please see the Rural Opportunity Zones page at kansascommerce.gov/ROZ.



INDUSTRIAL REVENUE BONDS

Industrial Revenue Bonds (IRBs) (K.S.A. 12-1740 et seq.) are among the most popular methods of providing economic development benefits for the acquisition by a new or growing business of land, buildings and equipment. In Kansas, IRBs are issued by cities and counties. The Kansas Development Finance Authority issues a similar type of bond under K.S.A. 74-8901 et seq.

IRBs used to finance certain types of facilities may allow the interest payable to the owners of the bonds to be exempt from federal income tax. This type of IRB is generally called a “tax-exempt” bond. Interest payable on bonds issued to finance other types of commercial facilities, or to finance non-qualifying portions of an eligible facility, is subject to federal income taxation. This type of IRB is generally called a “taxable” bond. Interest payable on all IRBs is exempt from Kansas income taxation. If the interest received by owners of tax-exempt IRBs is not subject to federal income taxation, the rate of interest on such bonds will often be less than interest rates charged for a comparable taxable bond or a conventional loan. IRBs may have fixed or adjustable rates of interest.

Whether your property is financed through tax exempt or taxable IRBs, the bond issuer (Issuer) will often offer some level of property tax abatements to your company as an additional incentive to locate in the community. Kansas law (K.S.A. 79-201a, Twenty-Fourth) permits exemptions from ad valorem property taxation for most projects financed with IRBs for up to 10 years, commencing with the year after the year the bonds are issued. The Issuer may exempt all property taxes except the capital outlay levy of a school district, which currently is limited to a maximum of 8 mills (K.S.A. 72-53,113). Cities and counties often require that a portion of the abated taxes be made available to local taxing jurisdictions in the form of payments in lieu of taxes. Personal property acquired after July 1, 2006 for commercial and industrial business is not subject to ad valorem personal property tax (K.S.A. 79-223). In addition to a potential property tax exemption, the cost of building material and labor, as well as fixed items of machinery and equipment purchased with IRBs, may be exempt from state and local sales taxes under K.S.A. 79-3606(d).

Many Issuers also have their own policies and regulations regarding issuance of IRBs and the granting of property and sales tax exemptions for the financed facilities. Most bonds are structured to be repaid over 10 to 15 years. Principal repayment terms are flexible and can be structured to meet your company's specific cash-flow needs. Your company is responsible for selecting the bond purchaser and negotiating repayment terms and financial covenants on the bonds.

The business generally has up to three years to spend the proceeds of tax-exempt bonds on eligible property. IRBs may be issued as “draw down” construction loans or the proceeds may be placed in escrow and disbursed upon request of the business.

Project Eligibility -- Under current federal tax law, specific projects eligible for tax-exempt financing include small manufacturing facilities (less than \$10 million); airports, docks and wharves; mass commuting facilities; certain facilities for furnishing water, sewage and solid waste disposal; qualified residential projects; local district heating and cooling facilities; facilities furnishing electricity or gas on a local basis; high-speed inter-city rail facilities; and certain hazardous waste disposal facilities. Tax-exempt bonds are subject to many restrictions, including what may be purchased with the bond proceeds and the amount of issuance costs that may be paid from bond proceeds. Under Kansas law, taxable bonds may be issued for agricultural, commercial, hospital, industrial, natural resources, recreational development and manufacturing. IRBs may be issued for retail commercial projects to qualify for a sales tax exemption on materials and labor, but they are not eligible for an ad valorem property tax exemption. Retail is defined as a business having an NAICS beginning with 44 of 45.

Customized Lease Agreement -- In IRB financing, the Issuer must acquire an ownership or leasehold interest in the property financed. The Issuer leases its interest in the property and the improvements paid for with bond proceeds to the business. The payments required to be paid by the business to the Issuer must be sufficient to repay the bonds with interest. Typically, the business is given an option to purchase the property at the end of the lease term for a nominal sum.

Kansas law requires that a company enter into a lease of the bond-financed project from the Issuer (typically the Kansas city or county where the financed facility is located). The basic security agreement for bondholders is the triple-net lease from the Issuer to the company. The lease creates the company's unconditional obligation to make rental payments sufficient to pay the principal and interest on the bonds throughout the term of the lease. When all debt service on the bonds has been paid, the company may exercise an option to purchase the project for a nominal price, such as \$100. The bonds are not general obligations of the Issuer, payable from taxation; rather, they are sold on the strength of the company's ability to repay principal and interest on the bonds.

The Issuer does not exercise control over any aspect of the building's construction or the company's operations, therefore the company will usually be required to provide a broad indemnity for the benefit of the Issuer and also lists the Issuer and bond trustee as additional insureds under its general liability insurance policy. During the term of the bond issue and within specified limits, a company may make structural changes to the building, replace equipment and machinery and even sell portions of the land no longer needed for future expansion.

APPLICATION PROCESS

Issuers may provide a form for a business to apply for IRBs. In some cases, it doubles as the form used to apply for property tax abatements under the Kansas Constitution.

Getting Your Bonds Issued

The bond issuance process can take as few as 60 days and generally follows these steps:

- Secure an option to purchase a building site.
- Apply to the city or county or K DFA for an IRB issue.
- Cost-Benefit analysis is prepared by analyst designated by the Issuer.
- Select an underwriter or other bond purchaser and negotiate terms of the bonds.
- Publish notice seven (7) days in advance of governing body meeting if property exemption is requested and mail notice to local school district and city or county government.
- The governing body holds public hearing and considers a resolution of its intent to issue bonds for the company.
- Final negotiation of the terms and conditions of the bonds and the financing with a bond underwriter or other bond purchaser (such as a commercial bank) and selection of trustee.
- For a project qualifying for tax-exempt bonds, the Issuer files its application for private activity bond allocation with the Kansas Department of Commerce.
- Bond counsel to the Issuer drafts the lease agreement, the indenture of trust, the bond ordinance and all other applicable documents.
- The governing body considers the bond ordinance.
- An IRB notice is filed with the Kansas Board of Tax Appeals (BOTA) at least seven days prior to issuance of the bonds.
- The basic documents are executed (signed) by the Issuer, the trustee and the company.
- At the bond closing at least a portion of the funds are paid by the underwriter or the purchaser to the trustee in exchange for the delivery of the bonds.

- Bond proceeds are deposited into an account maintained by the trustee to be spent on the project as directed by the company.
- Bond counsel notifies BOTA within 15 days of issuance that the bond issue has been closed.

If the project involves property tax abatement, the company must annually apply for its abatement no later than March 1.

Limitations on Tax-Exempt IRBs

A bond issue can provide a manufacturing company with up to \$1 million of tax-exempt bonds for a qualifying project, regardless of project size.

A maximum of \$10 million of tax-exempt IRBs can be issued for a manufacturing project, so long as a company's total capital expenditures at the project location do not exceed \$20 million for a six-year period of three years before and after the bond issue, including the amount of the bonds issued. If the \$20 million limit is exceeded during the total six-year time frame, either by issuing more than \$10 million in bonds or by exceeding the \$20 million capital expenditures limitation, the tax-exempt status is forfeited and the company must redeem the bonds at a premium. Despite the size restrictions on tax-exempt IRB financed projects, advantages may still accrue to projects requiring in excess of \$10 million. For example, a \$15 million project could combine a \$10 million tax-exempt bond issue with a \$5 million taxable bond issue.

Congress has placed an annual limit on the amount of tax-exempt IRBs that each state can issue. This limitation is called a "volume cap." An allocation of volume cap must be obtained for bonds for most privately owned, qualifying facilities. In Kansas, volume cap is allocated by the Secretary of Commerce. Bonds for government-owned solid waste disposal facilities, airports, docks or wharves are not subject to the state volume cap. A company may not have more than \$40 million of tax-exempt IRBs outstanding, nationwide, at any one time. For this purpose, a company is defined as that entity that ultimately benefits from the tax-exempt bonds.





TAX INCREMENT FINANCING (TIF)

Tax Increment Financing (TIF) is a real estate redevelopment tool applicable to industrial, commercial, intermodal transportation area and residential projects. TIF uses the increases in local taxes (property, sales, use and franchise fees) to retire the bonds sold to finance eligible redevelopment project costs (K.S.A. 12-1770 et seq.).

Monies raised through TIF may be used for eligible redevelopment project costs approved by the city, such as land acquisition, site preparation, infrastructure, parking structures and other related costs. TIF cannot be used for the construction of privately-owned buildings.

Financing is available from the proceeds of bonds issued by the city or on a pay-as-you-go reimbursement. The bonds are primarily secured by the incremental increase in property taxes within the redevelopment district as a result of the new construction or rehabilitation but may, under certain circumstances, also be general obligations of the city. TIF works for both privately- and publicly owned land to be sold for redevelopment. Advance developer commitment to the project is essential. TIF cannot be used speculatively to prepare a site for development. Businesses have found that TIF offers several distinct advantages. Using TIF generally allows the financing of land acquisition and other eligible costs with tax-free borrowing at generally lower interest costs. Also, TIF offers businesses the opportunity to purchase renovated sites at sub-market costs.

STAR BOND FINANCING

A program with certain similarities to TIF – Sales Tax and Revenue (STAR) Bonds allow municipalities to finance tourism, entertainment attractions, and rural redevelopment, as well as headquarters or office developments resulting in new visitors. This program uses state and local sales tax revenue generated by the project as a source of revenue to retire bonds issued to finance eligible project costs. In metropolitan areas, STAR Bonds can be used only for projects with anticipated capital investment of \$75 million and with at least \$75 million in projected gross annual sales or \$40 million each if the project is in a metropolitan area with a population between 50,000 and 75,000 and the project is deemed of high value by the Secretary.

STAR Bond projects in rural areas have no specific financial threshold but must be of major regional or statewide significance. Generally, STAR Bond financing is used in connection with large retail projects that contain an entertainment and/or tourism destination component.

COMMUNITY DEVELOPMENT BLOCK GRANT

The Small Cities Community Development Block Grant -- Economic Development (CDBG-ED) program is a source of financing for companies that are expanding an existing facility or starting a new operation in the non-metropolitan areas of Kansas. The maximum amount of funds available is \$750,000 per project. There are two parts to the program: business finance and infrastructure. Under the business finance component, funds are available for working capital, machinery and equipment and real property. The interest rate is currently set at 4 percent. The term of the loan is based on the class of the asset being financed. The working capital loan has a term of five years, machinery and equipment 10 years and real property 15 years. If the project finishes by the end of the 24-month contract period without any issues, delays, etc., a 25 percent discount will be applied to the principal portion of the loan at the time of project closure. Under the infrastructure component, funding is available for water lines, sewer lines, roads, rail spurs and pre-treatment facilities. Infrastructure funding requires that 25 percent of the funds be paid back over a 10-year period at a rate of zero percent. This is accomplished through a special assessment placed on the real property. In order to obtain the funds, the city or county governing body applies on behalf of the private business. Applications are accepted from January 2 through December 4. Funding requires the creation or retention of one full-time job for up to \$35,000. The maximum amount of CDBG assistance can be up to \$750,000. At least 51 percent of the jobs created or retained must meet HUD's low- and moderate-income (LMI) test, which is based on median family income in the county in which the project is located.

SMALL BUSINESS ADMINISTRATION (SBA) 504 PROGRAM

The U.S. Small Business Administration (SBA) 504 Loan Program provides long-term, low down payment, subordinated, fixed-rate financing for fixed assets, including machinery and equipment with a life of 10 or more years or real estate loans with a maturity of up to 25 years. Assets appropriate for purchase under the 504 program include land and buildings, building renovation, construction of new facilities or converting existing facilities, machinery and equipment and eligible fees and soft costs. The program serves healthy, expanding businesses with a tangible net worth of less than \$15 million and average net profits of less than \$5 million after taxes over the past two years.

Funded projects usually range between \$500,000 and \$5 million. The 504 loan is a two-part loan. A Third-Party Lender will finance 50 percent of the total project costs, and SBA can cover up to 40 percent of a project's cost. One job should be created or retained for every \$75,000 loaned or the project should meet another public policy goal, such as rural development. Projects meeting certain public policy goals, or some manufacturers, may warrant a loan for up to \$5.5 million. A state-funded network of Kansas Certified Development Companies (CDCs) assists with the preparation of the application and originates and services the subordinated loan. Other programs may be used in conjunction with 504 loans to provide working or fixed-asset financing for larger projects.



SMALL BUSINESS ADMINISTRATION 7(A) LOAN GUARANTEE PROGRAM

The U.S. Small Business Administration 7(a) Loan Guarantee Program is the primary SBA mechanism for financing user-owned or user-operated business expansions. The program can also finance the purchase of an existing business or finance a start-up business. The program is used to provide long-term, low-down payment financing for a variety of needs, including machinery, equipment, furniture and fixtures, land and buildings, inventory and working capital. The program operates through private-sector lenders that provide loans that are guaranteed by SBA. The SBA has no funds appropriated for direct lending or grants. The SBA may guarantee up to 85 percent of a loan, not to exceed \$150,000, or 75 percent of a loan up to \$5 million. The guarantee increases to 90 percent for any size loan up to \$5 million made through the Export Working Capital Program or as an International Trade Loan. The loan can cover up to 100 percent of an expansion of an existing business and a lesser amount for start-up costs for a new business or change of ownership. The SBA requires a minimum equity injection of 10 percent of the total project costs from a startup business or for a new owner.

Financing applies to activities in which the borrower uses or occupies the assets purchased with the loan. This stipulation disqualifies developers, with the exception of Builders CAPLine loans. The 7(a) financing option applies to costs associated with expansion and acquisition of assets,

including working capital (usually seven- to 10-year terms for working capital). The maximum term for loans on machinery and equipment is 10 years or the useful life of the equipment. The term of loans for renovation, remodeling and lease hold improvements is generally less than 10 years, and those for new construction and land acquisition may extend up to 25 years. For-profit businesses are subject to certain size standards that vary according to business types. General size limitations are listed below:

- Manufacturing – maximum number of employees may range from 500 to 1,500, depending on the product being manufactured.
- Wholesaling – maximum number of employees may not exceed 100.
- Service – sales may not exceed \$3.5 million to \$29 million, depending on the industry.
- Retailing – sales may not exceed \$5 million to \$24.5 million, depending on the industry.
- Agriculture – sales may not exceed \$750,000 to \$9 million, depending on the industry.
- General Construction – sales may not exceed \$17 million to \$28.5 million, depending on the industry.
- Special Trade Construction – average annual receipts may not exceed \$7 million to \$11.5 million, depending on the industry.



RURAL DEVELOPMENT, U.S. DEPARTMENT OF AGRICULTURE

RURAL ECONOMIC DEVELOPMENT LOANS AND GRANTS PROGRAM

This program finances economic development and job creation projects in rural areas based on sound economic plans. Rural Economic Development Loans and Grants (REDLG) are available to any Rural Utilities Service (RUS) electric or telecommunications borrower to assist in developing rural areas from an economic standpoint, to create new job opportunities and to help retain existing employment.

- Loans, at zero percent interest, are made primarily to finance business start-up ventures and business expansion projects. Projects should create or save jobs.
- Grants are made to these electric and telephone utilities to establish a revolving loan that is operated at the local level by the utility. The revolving loan fund facilitates rural areas by providing needed capital (a) to nonprofit entities and municipal organizations to finance community facilities that promote job creation in rural areas, (b) for facilities that extend or improve medical care to rural residents and (c) for facilities that promote education and training to enhance marketable job skills for rural residents.

Rural Business Development Grants

Rural Business Development Grants (RBDG) help eligible entities (public bodies, nonprofit corporations and federally recognized Indian tribal groups), facilitate development of small and emerging private business enterprises located in rural areas. (This includes all areas other than cities of more than 50,000 people and the urbanized area contiguous and adjacent to such a city). Grant funds, which go to an eligible entity as noted above, help provide assistance to small and emerging private business.

RBDG funds may be used for the following:

- Technical assistance and related training
- Through the establishment of a revolving loan fund, the eligible entity could then make loans for start-up costs and working capital and financial assistance to a third party
- For the acquisition and development of land and the construction of buildings, plants, equipment, access streets and roads, parking areas, utility and service extensions and fees for professional services that will ultimately assist small businesses

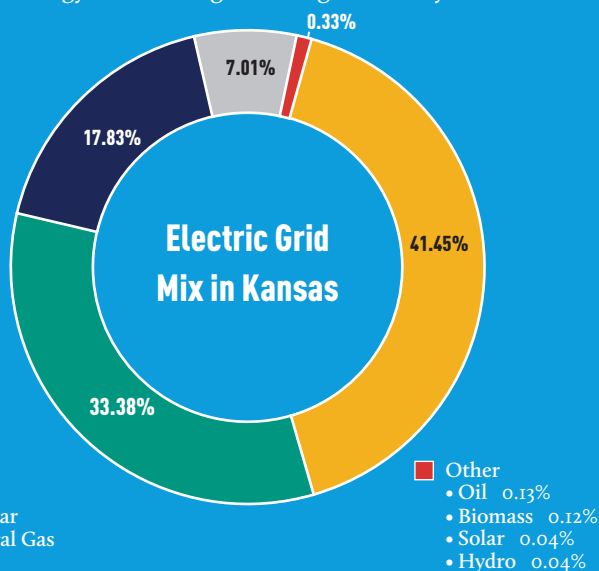
Rural Energy for America

Rural Energy for America (REAP) is for agricultural producers and small businesses in rural areas to make energy efficiency improvements or to install renewable energy systems for their business.

Utilities

With an ever-increasing percentage of the state's energy coming from renewable sources, Kansas offers an immediate advantage to companies committed to meeting corporate sustainability goals. From our investor-owned utilities to co-ops and municipal utilities across the state, our energy providers are incorporating wind energy as a key component of their energy portfolios.

In 2019, wind energy surpassed coal for the first time as the largest energy source for generating electricity in Kansas.



Source: U.S. Energy Information Administration's Open Data API, Electricity Net Generation.

Wind energy provides **43 percent** of electricity generation in Kansas, the second-largest share for any state.

COMPETITIVE AND UNINTERRUPTED ELECTRIC POWER

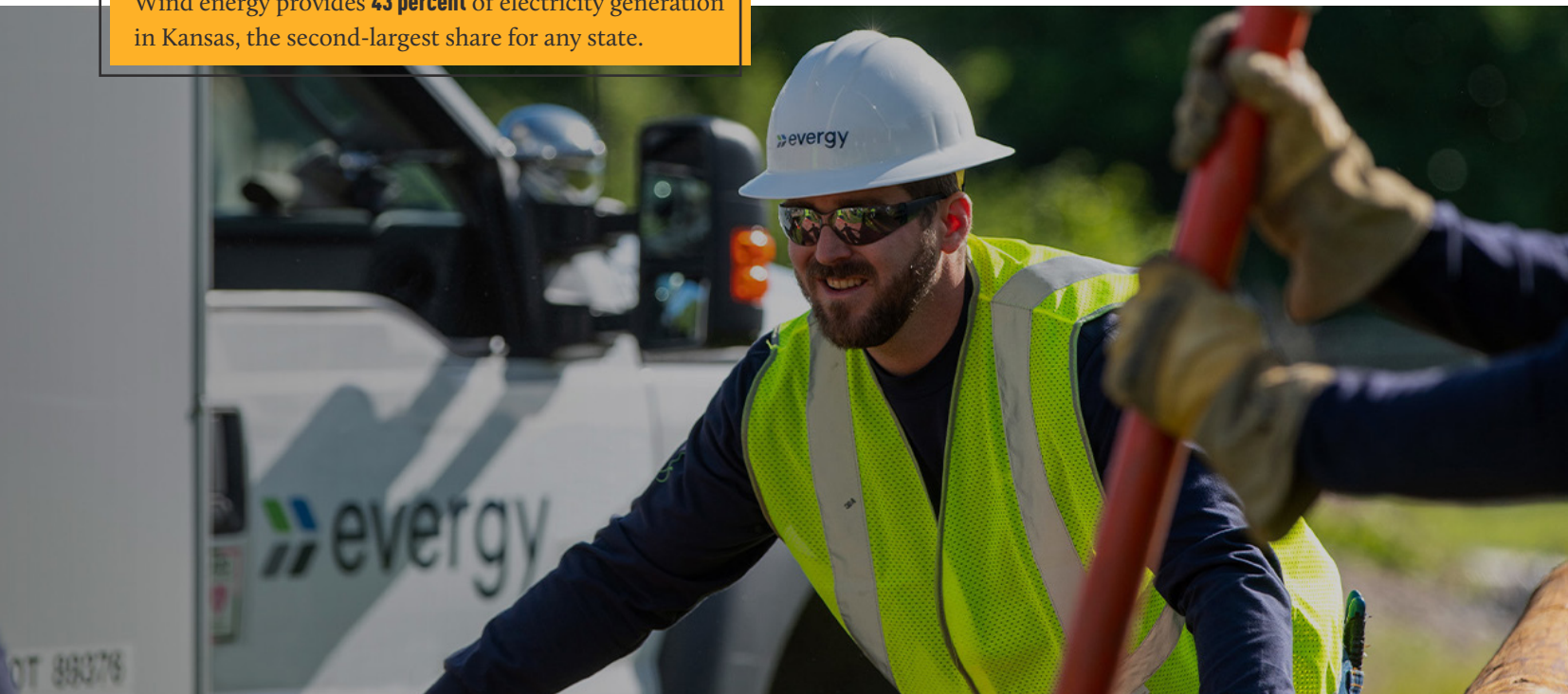
Kansas' average electricity retail price for all sectors is near the national average. A modern, comprehensive generation and distribution network keep Kansas' electric rates competitive.

Kansas is part of the Southwest Power Pool (SPP), a multi-state power transmission grid that encompasses a diverse group of utilities and transmission companies in 14 states. The SPP ensures the reliable supply of power, adequate transmission infrastructure and competitive wholesale electricity prices for a 546,000-square-mile region including more than 60,000 miles of high-voltage transmission lines.

There are two investor-owned utilities producing over one-half of the electric power for the state (Evergy and Liberty Utilities). The remainder is supplied by three in-state member-owned Generation and Transmission (G&T) cooperatives (Midwest Energy, Sunflower and Kansas Electric Power Coop - KEPCo) and 65 municipal generating systems. Sixty of the 65 municipal generating systems interconnect with investor-owned systems. A support network of 30 distribution cooperatives and 119 municipalities enhances the electrical system.

This system connects with a multi-state power transmission grid, including most of the electric systems east of the Rocky Mountains.

Kansas has not experienced a major power shortage in many years. Should one occur, the reserve power capacity of the major investor-owned companies alone far exceeds the average national generating capacity.



AVERAGE ELECTRIC PRICES FOR CUSTOMERS

Many of our state utility partners can offer discounted rates or other cost-saving tools to assist companies looking to establish or grow their operations in Kansas.

- Eversource and Liberty Utilities offer Economic Development Rider rates giving eligible non-retail customers discounted energy prices for up to five years depending on load, location and other factors.
- In addition, SB339 recently passed allowing public investor-owned utilities access to a tool designed to attract new, very large electric utility economic development opportunities to the State of Kansas. With final approval by the Kansas Corporation Commission, this incentive provides a competitive rate to new customers with an electric demand of 50 MW or larger.
- Eligible customers include non-retail industries such as data centers, aviation and other large-scale industrial development. Customers benefit from the special rate for 10 years. A new load of at least 50 MW must be located at a single location. Renewable resources can be incorporated into the rate making, providing for additional savings and allowing customers to meet their corporate goals.
- Co-ops and municipal utilities may also offer discounted or reduced rates to eligible customers, with industrial rates as low as 5.2 cents per kWh in some locations.

For more information, please reach out to your Commerce project manager, and they will connect you with the appropriate utility partner.

AVERAGE ELECTRIC PRICES FOR CUSTOMERS										
	Residential		Commercial		Industrial		Transportation		All Sectors	
	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
Kansas	13.31	13.35	10.59	10.66	7.54	7.60	--	--	10.60	10.72
California	18.31	18.84	15.76	16.34	12.73	13.20	8.68	8.64	16.06	16.58
Illinois	12.95	12.77	9.09	9.12	6.47	6.80	6.35	6.75	9.49	9.60
Missouri	11.63	11.34	9.47	9.40	7.33	7.22	8.42	8.52	10.03	9.93
New York	18.03	18.52	14.75	14.50	5.92	6.02	12.67	12.14	14.74	14.83
Oklahoma	10.61	10.30	8.11	8.07	5.42	5.34	--	--	8.20	8.09
U.S. Average	12.89	12.87	10.66	10.67	6.88	6.92	9.68	9.70	10.48	10.53

Source: U.S. Energy Information Administration, Electricity Data Browser, Report 5.6 Average Retail Price of Electricity to Ultimate Consumers by End-Use Sector, by State, eia.gov/electricity/data/browser/ (accessed January 31, 2020).



WORLD-CLASS SUPPLIER OF NATURAL GAS

Kansas benefits from one of America's largest deposits of natural gas, a resource that translates into easy access and excellent prices for natural gas consumers. The 12,000-square-mile Hugoton Gas Area, one of the largest natural gas fields in the United States, covers much of southwestern Kansas.

There are three large (annual operating revenue greater than \$10 million) natural gas distribution utilities serving Kansas: ATMOS Energy Corporation, Black Hills Energy and Kansas Gas Service, a Division of ONE Gas, Inc. Economic development incentives may be offered by these service providers for eligible projects to take advantage of discounted delivery charges.

Several interstate pipelines serve Kansas local distribution companies, towns and other large-volume gas users. Chief among these is Southern Star Central, which transports 50 percent to 70 percent of all natural gas consumed annually in Kansas. Other interstate gas pipelines transporting gas in Kansas include Kansas Pipeline Company, Cheyenne Plains Gas Transmission, Tallgrass Interstate Gas Pipeline and Northern Natural Gas.

In the areas not served by distributors, direct hook-ups from transmission lines can accommodate most businesses. In addition, municipal distribution lines may be able to use existing taps and transport gas to larger customers at a lower cost.

KANSAS REGULATION

The Kansas Corporation Commission (KCC) continues to participate in Southwest Power Pool forums addressing various aspects of new transmission lines to assure reliability, accessing low-cost power markets and selling power to the benefit of Kansas electric customers. The KCC continues to address various aspects of energy-efficiency programs of natural gas and electric utilities through tariffs implementing Demand Side Management (DSM) programs. The KCC is also implementing efforts to review utility rate structures to track cost of service in demand and energy charges.

RENEWABLE ENERGY

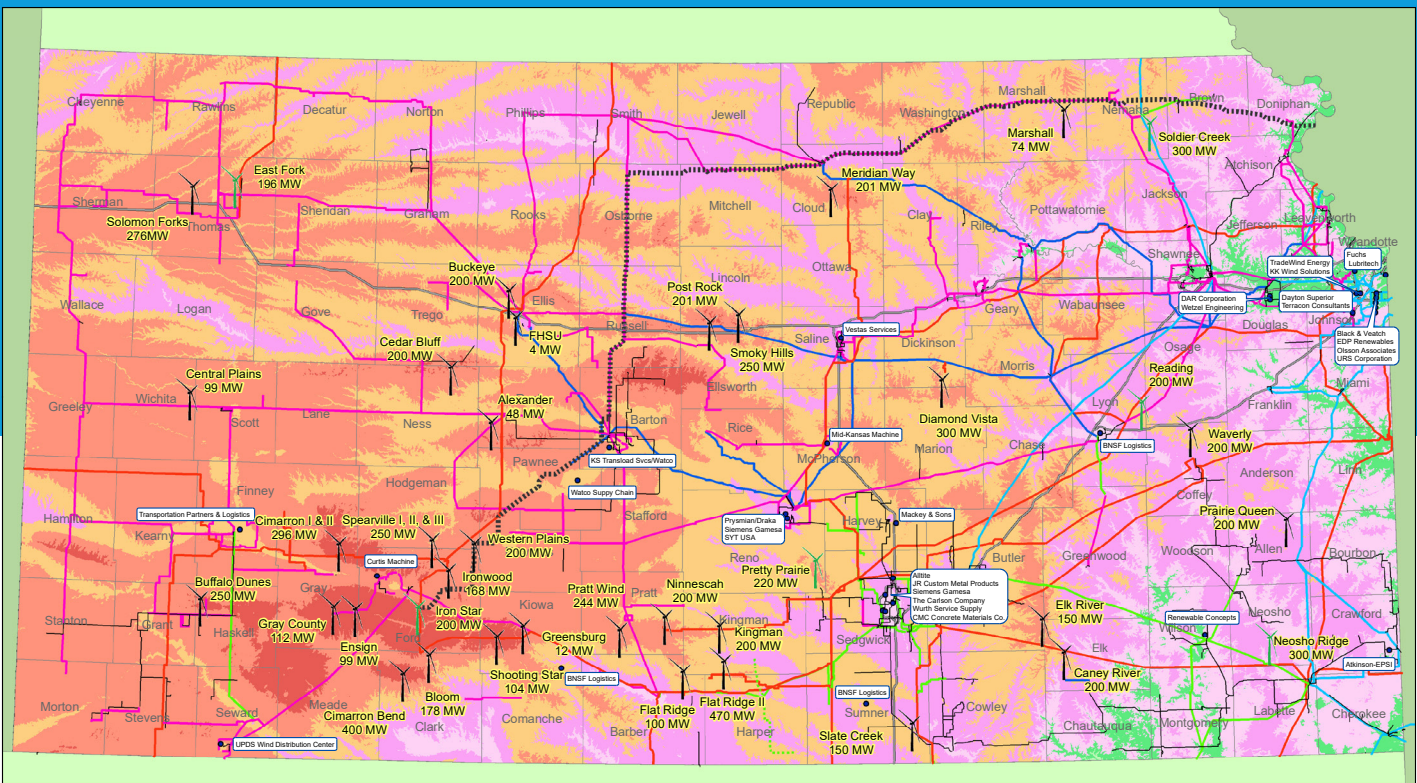
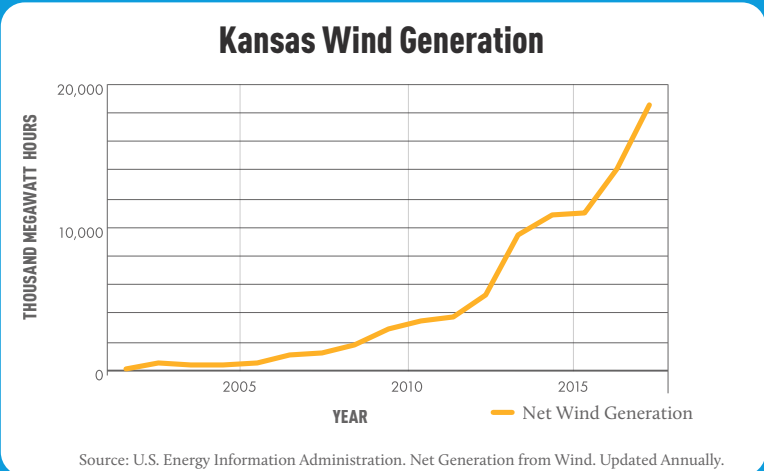
As a leader in wind energy, Kansas offers an ideal location for companies committed to meeting sustainability goals by powering their facilities with renewable energy. With over 6,500 megawatts of operating capacity, Kansas ranks fourth in the nation for wind generation. The state ranks third in corporate wind purchases, providing competitively-priced wind energy and helping corporate purchasers such as Google, T-Mobile, Target, Kohler, Textron Aviation, Spirit AeroSystems and others meet their sustainability goals.

Companies with corporate sustainability goals have several options to reach those targets. Various purchase arrangements may be offered by developers with renewable energy projects in Kansas, and a number of utilities across the state have wind and solar energy as part of their electricity portfolio. Energy efficiency incentives may be offered by some service providers, and there is also a “green tariff” type of option available in some locations that allows commercial and industrial customers to offset a percentage of their energy usage through a renewable resource.

For example, depending on the service territory, an Eergy customer can sign up for Wind Subscription giving customers the opportunity to support wind growth throughout the community in an affordable, simple way.

Customers can choose a renewable energy purchase for up to 100 percent of their power for an additional cost per kWh. In addition, throughout the entire service territory, Eergy may enter into a wholesale contract with customers. Eergy purchases Renewable Energy Credits (REC) from the wholesale market to match 100 percent of the customer’s load and Eergy will sell the RECs to them at a fixed and agreed upon dollar per REC on an annual basis.

Kansas has a strong solar rating, supporting growth in residential and commercial solar energy use, and the state is also a leader in the production of biofuels.



Wind Speed at 100m (m/s)

- 4.0 - 5.5
- 5.5 - 6
- 6.0 - 6.5
- 6.5 - 7
- 7.0 - 7.5
- 7.5 - 8
- 8.0 - 8.5
- 8.5 - 9
- 9.0 - 9.5
- 9.5 - 10
- 10 - 12

Generation Sites

- Existing
- Under Construction
- Wind Related Businesses
- Interstate Hwy

Transmission Lines

- Operational: 345 kV, 230 kV, 138 kV, 138 kV, 138 kV, 115 kV, 69 kV
- Approved/Under Construction: 115 kV, 138 kV, 345 kV, 600 kV, 115 kV

*Routes on Approved lines are subject to change

Wind Resources of Kansas

Mean Annual Wind Speed at 100 Meters

Miles

0 10 20 40 60 80

Wind speed at 100 meters data layer was created by AWS Truewind using the MesoMap system and historical weather data. July 2008

For additional information, please contact Randi Tveitaraas Jack at 785-296-7868 or Randi.tveitaraasjack@ks.gov



KANSAS TELECOMMUNICATIONS

Kansas enjoys one of the most sophisticated and reasonably priced telecommunications systems in the nation. Thanks to our central location, businesses have access to east-west and north-south major trunk lines, connecting them to a nationwide fiber optic network. Whether it's a small business needing voice services and Internet or a large business with maximum data transport requirements, Kansas has the telecommunications infrastructure your company needs to succeed and grow.

Kansans are served by a variety of local exchange carriers, long distance or inter-exchange carriers and wireless carriers. These carriers provide a wide range of telecommunication services from basic dial tone to sophisticated data transport services to nearly ubiquitous wireless or cellular services.

Kansas has 37 incumbent local exchange carriers, including AT&T and CenturyLink (previously Embarq). In addition to these incumbent carriers, Kansas currently has over 115 competitive local exchange carriers. These carriers are operating primarily in AT&T and CenturyLink territories and are competing with the incumbents, offering competitive services and competitive rates.

Interconnecting these local networks with the national Public Switched Network are more than 200 long-distance carriers. These carriers offer a wide variety of long-distance calling plans and sophisticated private-line services, of particular interest to small and large business.

The technology used to deliver these services is state-of-the-art digital switching and transport technologies. Digital switching equipment is deployed nearly seamlessly from the large metropolitan areas to the smallest rural entities throughout the state. This technology delivers the popular call management services (i.e. call forwarding, caller ID, call waiting, distinctive ring, etc.) to residential and business customers. In addition, business customers also have access to business-oriented services, commonly referred to as Centrex features.

Digital transport equipment is also deployed throughout the state, utilizing fiber optics technology to interconnect telephone company switching offices and inter-exchange carriers. In addition, fiber technology is now being deployed to the customers' premises in many locations throughout the state, thus providing broadband Internet services and in some locations, video service. These two families of technology, digital switching and digital transport, combine to provide the customer with a broad menu of high-quality, highly reliable services.

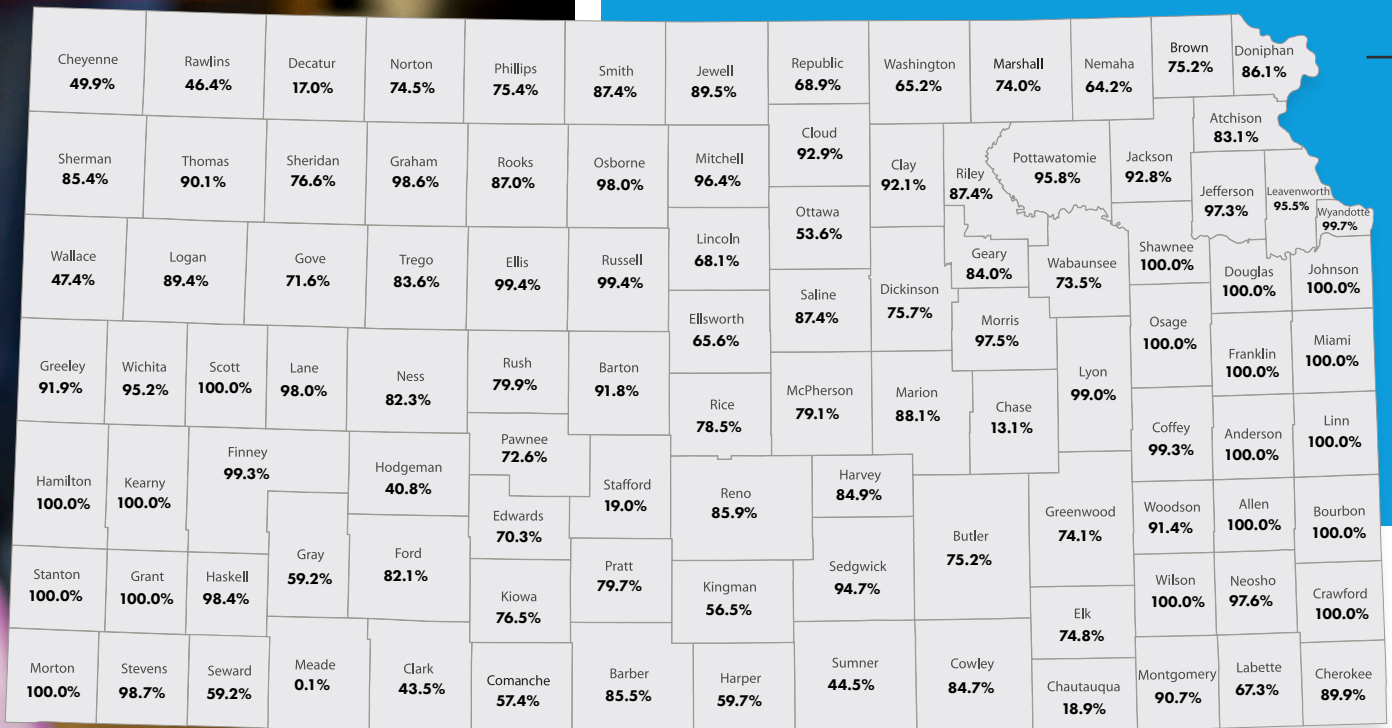


BROADBAND

Kansas compares favorably with neighboring states with respect to broadband access to the Internet. In fact, U.S. News & World Report ranked Kansas the 5th best state for internet access in 2019. Many Kansas communities have state-of-the-art broadband network deployments, making high-quality, high-capacity bandwidth a reality as we move forward in the digital economy.

In addition, Kansas City, Kansas, was selected as the first Google Fiber Community. Fiber-To-The-Premise buildouts have increased across the state ever since.

Widespread availability of broadband services is a key foundation for our state's economic growth and is a priority at the Department of Commerce. Our Office of Broadband Development is supporting expanded service availability through infrastructure grants and technical assistance for local communities.



MINIMUM-STANDARD BROADBAND AVAILABILITY IN KANSAS

At Least 25 Mbps Download/3 Mbps Upload Speeds

Percentage of households served by wired, non-mobile broadband service.

Note: Percentages are an estimate of actual served HH's within each county. FCC data is aggregated to the Census Block Level; some HH's may not be served within a particular Census Block that is served.

Source: 2019 FCC Broadband Deployment Report



Environment

Kansas' environmental regulations strive to balance the prudent conservation of environmental resources and sensitivity to the operation of our industries. For environmental/regulatory questions relating to site selection, please contact the Kansas Department of Commerce and we will put you in touch with the appropriate Kansas Department of Health and Environment (KDHE) official to assist your company.

AIR

Kansas' clean air is healthy and translates into simpler, less expensive requirements for industries.

Apart from ozone-maintenance agreements in Wyandotte and Johnson counties, and an area of less than one square mile in Saline County, the entire state is an air quality attainment area. In fact, Kansas City is the first and largest metropolitan region in the country re-designated as an attainment area according to the federal clean air standards for ozone. Because of the state's compliance with the national ambient air quality standards, air emissions quality restrictions are limited.

WATER

Water covers 520 square miles of Kansas. Even so, water quality and availability vary across the state. Most businesses requiring 10 acre-feet or less of water annually (3,258,500 gallons) from municipalities can be easily accommodated, as most Kansas municipalities have future growth needs factored into their water rights as well as their treatment and distribution systems.

ENVIRONMENTAL REGULATION

Most of the state's environmental regulations are administered by the Kansas Department of Health and Environment (KDHE). That agency also has authority to issue many federal environmental permits. The KDHE's main office is in Topeka, with district offices throughout the state that can address questions involving air, water, waste and remediation. The district offices are in Chanute, Wichita, Dodge City, Hays, Salina and Lawrence. The Surface Mining Office is in Frontenac.

A few Kansas counties – Johnson, Sedgwick and Shawnee – also have their own environmental inspection bureaus. Wyandotte County has its own environmental agency through which many state permits are written and issued.

The most common types of permits are outlined in the chart within this section. If you think your business may need a permit, license or other approval from the KDHE, please contact that department before you start your business or project. If you are planning to purchase or acquire a business facility or structure, please check with the KDHE first, since not all permits, licenses and approvals are transferable from one owner to the next.



OBTAINING ENVIRONMENTAL PERMITS

Because many permits are industry and location specific, an initial meeting between your company, KDHE and an environmental consultant of your choice can serve as a valuable planning tool. The following process is generally used to obtain environmental permits:

1. Company meets with KDHE to discuss its proposed operations.
2. KDHE provides relevant permit/license applications.
3. Company completes the application(s). Information such as detailed engineering reports, specifications and quantity and characteristics of anticipated waste are requested. Application(s) and supporting documentation are submitted to KDHE.
4. KDHE reviews the application(s). Information that is justified as being confidential by the company is kept confidential by KDHE.
5. If the proposed waste is a federally regulated pollutant, such as a hazardous waste, portions of the draft permit are sent to the EPA for approval.
6. After being reviewed for completeness and approved by KDHE (and the EPA if necessary), the project is usually subject to a 30-day public notice period. Requirements on when construction may begin vary depending on permit types. This detail should be clarified with KDHE early in the permit process.

HELP IS AVAILABLE

In many cases, the best technical assistance can be found through the KDHE's network of district offices located in:

- Chanute | 620.431.2390
- Wichita | 316.337.6041
- Dodge City | 620.682.7940
- Hays | 785.261.6100
- Salina | 785.827.9639
- Lawrence | 785.842.4600
- Frontenac | 620.231.8540 (Surface Coal Mining Only)

Compliance inspectors in each office, specializing in waste, water, air and remediation, can work with company officials to ensure that the proper procedures are followed to obtain the appropriate permits.

KDHE also provides specialized assistance for businesses with fewer than 100 employees. The Small Business Environmental Assistance Program is operated on behalf of KDHE by the Pollution Prevention Institute at Kansas State University. This program is designed to help small businesses understand the permitting process and learn about options for preventing pollution without having to obtain a permit and to provide on-site consulting on a variety of environmental issues. This program can be accessed by calling 800.578.8898.

PERMITTING DATA & CONTACTS

Activities Requiring Permits	Permitting Authority	Authority Number	When to Apply	Approval Time Frame	Notes
Air Emissions - Construction Permit	KDHE Bureau of Air	785.296.1570	When design complete - must have permit prior to commencement of construction	40 to 120 Days	Fees differ by emission source and type- Time frame depends on need for public notice
Air Emissions - Construction Permit - Major Facilities	KDHE Bureau of Air	785.296.1570	When design complete - must have permit prior to commencement of construction	180+ Days	Sources subject to the prevention of significant deterioration (40 CFR Part 52) requirements
Air Emissions - Construction Approval	KDHE Bureau of Air	785.296.1570	When design complete - must have permit prior to commencement of construction	40 to 60 Days	Approval application fee is dependent on the size and complexity of the approval
Wastewater Discharge or Storage	KDHE Bureau of Water	785.296.5545	At least 180 days prior to discharge initiation	180 Days	For facilities that discharge or treat wastewater
Storm Water Control	KDHE Bureau of Water	785.296.5545	Notice of intent prior to operation of facility- Some localities require notification 180 days prior to operation of facility	Some localities require notification 180 days prior to operation of facility	For industries discharging storm water from manufacturing, processing or raw materials
Construction Activities	KDHE Bureau of Water	785.296.5545	60 days prior to when construction activity begins	N/A	Storm water construction activity permit is required for construction activities involving clearing, grading and excavation of land that is one acre or larger
Confined Feeding Facilities (Livestock)	KDHE Bureau of Water	785.296.5545	At least 180 days prior to operation.	180 days	Larger feeding operations are subject to siting requirements
Filling Flood Plains	KS Department of Agriculture, Divisions of Water Resources	785.296.2933	On completion of plans- cities that are identified as flood hazard areas may also require a locally issued permit	3 to 6 Months	For placement of fill
Water Use	KS Department of Agriculture, Divisions of Water Resources	785.296.2933	On-site selection	12 Months	For companies requiring installation of water wells or water diversion structures



Solid Waste Disposal Industrial Landfills	KDHE Bureau of Waste Management	785.296.1601	When site is selected and facility plans are complete	9 Months	Allows company to construct and operate on-site landfills for wastes generated on the premises
PERMITTING DATA & CONTACTS					
Activities Requiring Permits	Permitting Authority	Authority Number	When to Apply	Approval Time Frame	Notes
Municipal Solid Waste Disposal	KDHE Bureau of Waste Management	785.296.1601	When site is selected and facility plans are complete and local government approvals are obtained regarding zoning and consistency with the county solid waste plan	12 months	Allows company to construct and operate a municipal solid waste landfill
Solid Waste Disposal Construction & Demolition Landfills	KDHE Bureau of Waste Management	785.296.1601	When site is selected facility plans are complete, and local government approvals are obtained regarding zoning and consistency with the county solid waste plan	9 Months	Allows company to construct and operate landfills to accept wastes generated in the construction and demolition of structures and land clearing
Hazardous Waste Facilities (Treatment, Storage or Disposal)	KDHE Bureau of Waste Management	785.296.1601	When site is selected and facility plans are complete	2 Years	No permit required for generation only, unless storage time exceeds 90 days
Hazardous Waste Transporters	KDHE Bureau of Waste Management	785.296.1601	Transporters must register prior to transport of waste	2 Weeks	Transporters pay an annual monitoring fee
Hazardous Waste Generators	KDHE Bureau of Waste Management	785.296.1601	Generators must register to obtain an identification number prior to generating hazardous waste	1 Week	Generators pay an annual fee based upon waste generation rate
Operation of Underground and Above-Ground Storage Tanks	KDHE Bureau of Environmental Remediation	785.296.1678	Permits for above-ground and underground tanks are issued for a calendar year beginning August 1	Approx. 1 Month	Compliance information is collected throughout the year and submitted prior
Operating Coal Mines	KDHE Bureau of Environmental Remediation	620.231.8540	Coal mining permit	About 8 Months depending on the site	
Dry Cleaning Facilities	KDHE Bureau of Environmental Remediation	785.296.6370	Register within 30 Days of start-up	1 Week	Annual registration plus gross receipts fee paid throughout the year