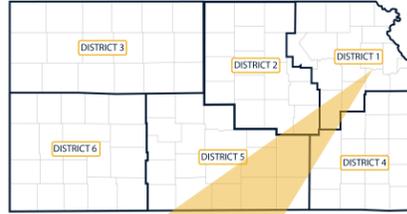




KDOT/DISTRICT 1



NORTHEAST KANSAS INFRASTRUCTURE ASSETS

T-WORKS INVESTMENTS

NORTHEAST KANSAS | BY MODE 2009-2019*

State Highways	\$ Amt**	% of Total Investment in NE KS
Preservation	\$944M	28%
Modernization	\$153M	5%
Expansion	\$1B	32%
Local Roads	\$1B	32%
Modes		
Public Transit	\$70M***	2%
Aviation	\$5M	<1%
Rail	\$40M	1%
Bike/Pedestrian	\$24M	1%
TOTAL	\$3B	

*Additional investments are made that KDOT categorizes as statewide and are not reflected in an individual district's totals.

**Includes federal and state dollars.

***Public Transit funding is allocated by regional transit districts. These dollars reflect investments in the Urban Corridor, Northeast, and Flint Hills transit regions.

MOVING PEOPLE, FREIGHT & TECHNOLOGY



MOVING PEOPLE/THE REGION BY THE NUMBERS

Population - Current **1,382,997** (48% of Kansas)
 Population - Projected in 2044 **1,787,457** (54% of Kansas)
 Median Age - Current **38**
 Percent of Population 65+ in 2044 **53%** (compared to **23%** statewide)

With an aging population, will more transit services be needed?

Based on population projections, where are people likely to live? Where will people need to go; what connections will they need?

CONNECTING TO HEALTH & SAFETY

26 hospitals in the region. **10** are critical access hospitals.

91% of southwest Kansans are buckling up compared to **92%** statewide.
29,275 vehicle crashes (annual average from 2014-2018); **47%** of the statewide average.
116 fatalities (annual average from 2014-2018); **32%** of the statewide average.
6,262 injuries (annual average from 2014-2018); **47%** of the statewide average.

CONNECTING TO EDUCATION

581 K-12 Schools in the region
46% K-12 students transported by bus
3 community colleges in the region
42,343 community college students
3 technical colleges in the region
5,064 technical college students

12 universities in the region
77,877 university students

What transportation investments would better support students? K-12? College?



MOVING FREIGHT IN KANSAS

Types of Freight Being Transported:

- Farm products, such as corn, soybeans and cattle
- Consumer goods (non-food)
- Shipping Containers
- Petroleum/Coal
- Transportation Equipment
- Manufactured Products
- Concrete/Stone
- Coal
- Chemicals
- LPG
- Oil/Natural Gas
- Other Hazardous Materials
- Wind Energy Components
- Construction Equipment
- Metal and Plastics

Current top employment industries

- Local Government
- Manufacturing
- Healthcare & Social Assistance
- Retail Trade
- Accommodation & Food Services

Top growing occupations in Kansas by 2026

- Personal Care Aides
- Computer and Information Research Scientists
- Home Health Aides
- Information Security Analysts
- Software Developers

What transportation investments would better support employees, especially those in the region's top growing occupations?

How can transportation investments support attracting other occupations?



MOVING TECHNOLOGY

According to the Federal Communications Commission, an average of **85%** of the population in this region is covered by broadband (91% statewide) and an average of about **100%** is covered by cell service (100% statewide). However, residents, businesses and local government officials report ongoing concerns about accessibility as well as affordability of these services.

EV Charger Facilities

166 electric vehicle charging stations operate in this region, most in the KC metro area. Many are open to the public; some are restricted to customers of hotels and businesses.

ROADS & BRIDGES

- 1,971** state highway system miles (**19%** of the statewide miles)
- 20.3M** daily vehicle miles of travel (**40%** of statewide); **11%** of the miles are trucks
- 1,389** 2-lane miles (**16%** of statewide) | **581** 4+-lane miles (**31%** of statewide)
- 122** miles of Kansas Turnpike Authority Roads (**51%** of the KTA system)
- 12%** of roadways don't have shoulders as wide as KDOT would like (compared to **10%** statewide)
- Average pavement smoothness rating **gradually declining** over last three years.
- 22,680** local (non-state) road miles (17% of local road miles statewide)
- 1,443** state bridges - **24%** in fair/poor condition (compared to **22%** statewide)
- 3,977** local bridges - **47%** in fair/poor condition (compared to **53%** statewide)



What should KDOT focus on to move people, freight and information on roads and bridges in northeast Kansas in the next 10 years? 25 years?

RAIL

- Railroads in northeast Kansas are important connectors for shipping both raw materials and finished goods.
- There are **701** miles of track in this region, about **17%** of the total of Kansas track miles.
- All counties in northeast Kansas have freight rail service, either Class 1 (**678** miles, about **25%** of the state total) or short line service (**23** miles, about **2%** of the state total). There are **2** passenger rail stations in this district - Lawrence and Topeka.



What should KDOT's role and focus be in funding rail projects in northeast Kansas in the next 10 years? The next 25 years?

TRANSIT

- While all **17 counties in this district have some type of transit service**, not all counties are covered by all-encompassing general public transportation that can serve the needs of all demographics. Insufficient geographic coverage was noted as a priority in the recently completed Regional Coordinated Transit Plans.
- With **5 of the state's 6** urban transit operators, this district records more than **6 million** transit trips per year providing connections to work, recreation, and medical and social services. This is **66%** of the state's total transit trips.
- About **5% of households** in this region and 5% of households in Kansas do not have access to a vehicle. About **31% of households** in this region and 30% of households in Kansas have access to only one vehicle.
- Although transit services are available in large portions of this district, the frequency of urban services and the hours of service limit a user's ability to access desired destinations in a timely and consistent manner.



What should KDOT consider about moving workers, the elderly and disabled, students and others in the next 10 years? 25 years?

AVIATION

- In northeast Kansas, **6 airports** have runways considered long enough to attract new jobs/businesses, just under the statewide average of 7 per region.
- There are **6 airports** capable of immediate all-weather access to health care in northeast Kansas, just under the statewide average of 7 per region.
- About **25% of airport construction needs** are currently funded in this region, above the statewide average of 20% of funded needs.



What should KDOT know about aviation needs to move freight and people in the next 10 years? 25 years?

BIKE/PEDESTRIAN

- All **17 counties** in this district have received funding through the Transportation Alternative program, which includes funding for bicycle and pedestrian facilities.



There's growing interest in bicycle and pedestrian projects across Kansas. What should KDOT know about needs in northeast Kansas in the next 10 years? 25 years?

The data in this profile has been collected from a variety of state and federal sources. Contact michael.moriarty@ks.gov with questions.