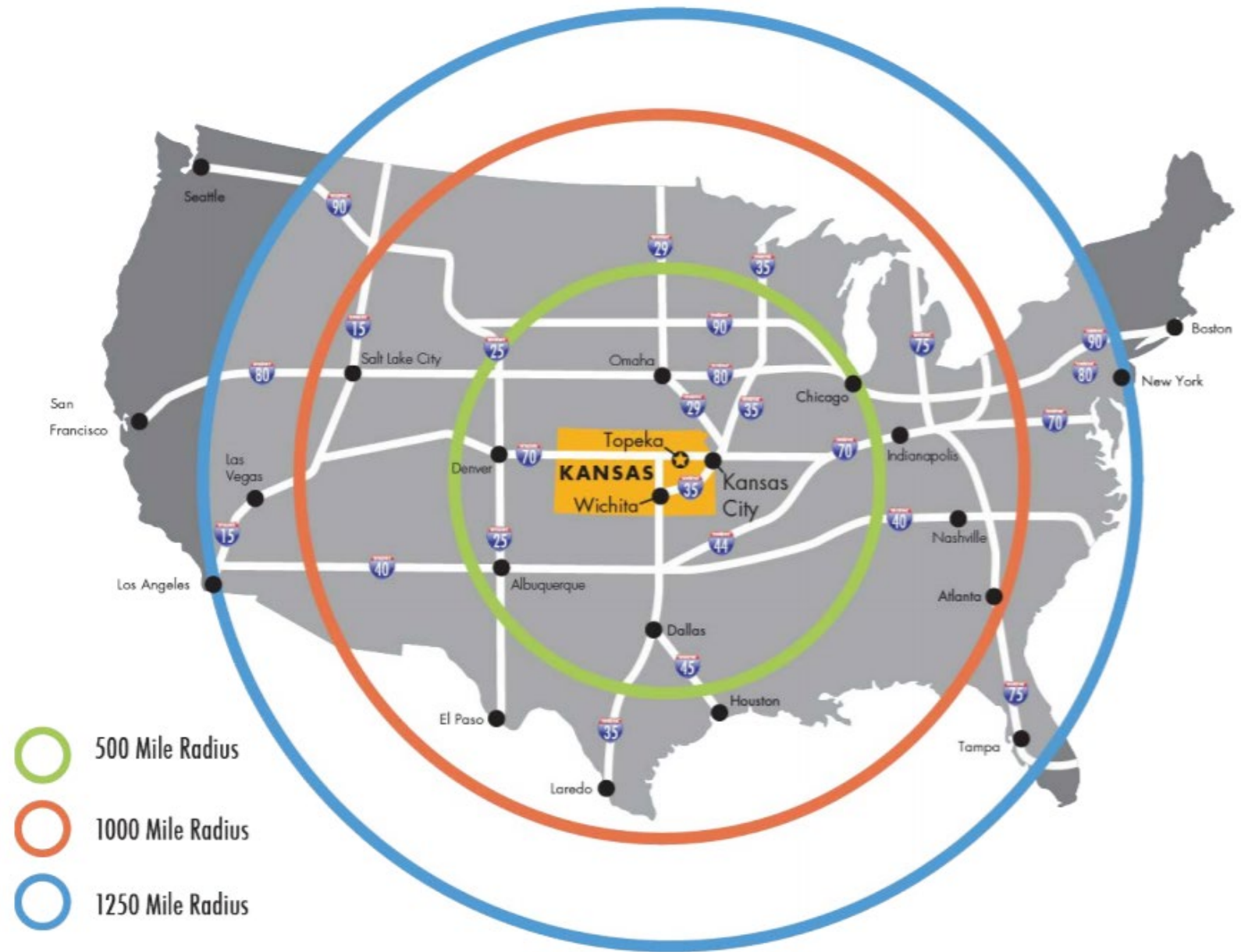




Julie Lorenz, Secretary
Kansas Department of Transportation
CEO of the Kansas Turnpike Authority

**85% of US
Population is
within 2-Day
Drive**



A modern transportation system **moves...**



People



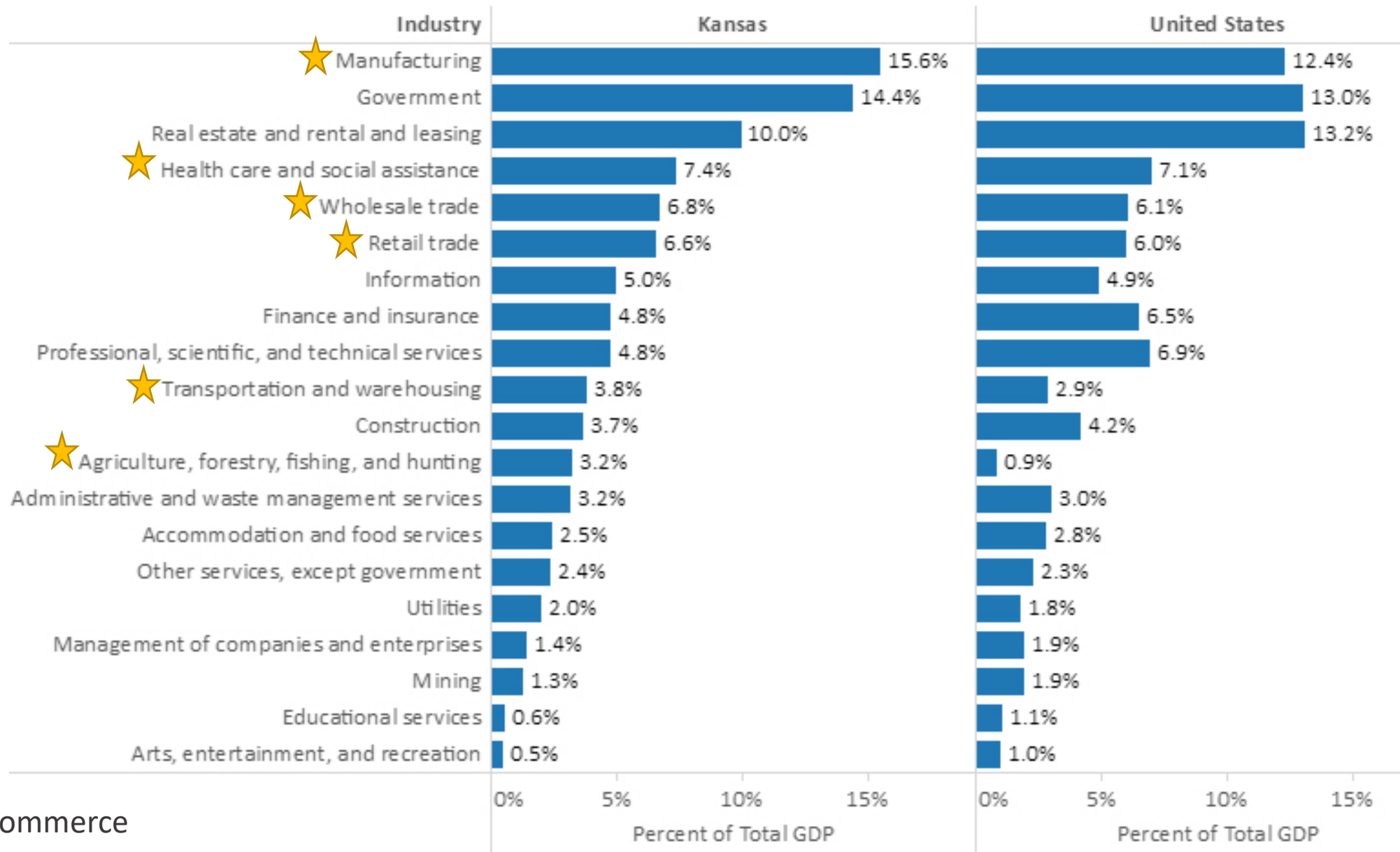
Freight



Technology

Kansas economy is transportation dependent

★ Kansas
above US
average



Source: U.S. Dept. of Commerce

A modern transportation system moves...



People

- Health Care
- Education
- Entertainment



Freight

- Manufacturing
- Agriculture
- Retail/Trade
- Warehousing

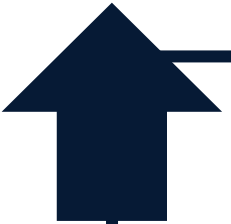


Technology

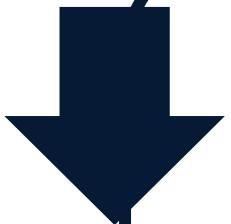
- Information
- Services
- Utilities

Allows workers from all sectors to get to work

Supply chain disruptions



Demand boom as global economy recovers



Constraints on supply and operations, due to:

- Reduced labor capacity
- **Workforce shortages**
- Strained equipment availability
- Variable access to global markets



Backlog of ships waiting outside the Ports of Los Angeles/Long Beach

Examples of recent disruptions



COVID-19



Extreme weather events



E-commerce boom



Suez Canal blockage



Shifts in global politics and trade policies

Supply chain challenges in Kansas

Kansas and the Greater Midwest Region mirror the national picture

Overwhelmed ports, intermodal facilities & transportation networks

- Record surges of container imports to LA/LB, much of which is destined for the Chicago area
- Overwhelmed networks in the Midwest forced railroads to restrict traffic flow into the Chicago area



Import and export challenges for Kansas businesses

- Ability to capture industrial development growth threatened by limited supply of equipment needed for operation, material shortages that delay construction, and high volatility
- Agriculture exports threatened by limited availability of and high prices for containers
- Kansas shippers seeking resources to meet new complex supply chain challenges



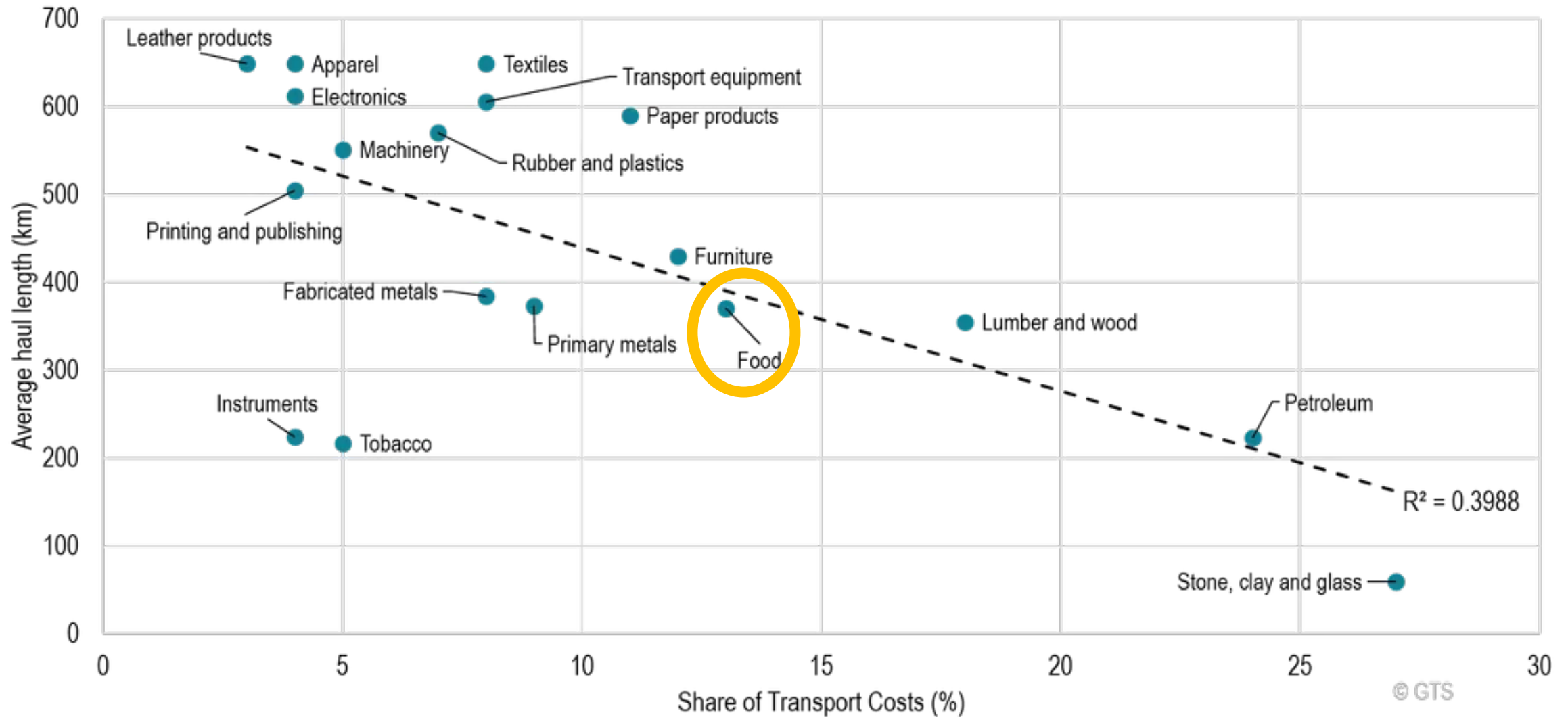
Smaller businesses have less flexibility

- Short line railroads have limited options to respond to disruptions
- Greater difficulty exporting in lesser quantities (less than a container load)

Kansas' central location provides an opportunity to strengthen supply chains

- Close to many domestic markets, including international ports
- Companies looking to increase variation in sourcing and build more resilient supply chains

The Transportation Cost of Business



Source: U.S. Dept. of Commerce



New IKE program serves today & tomorrow's needs by providing more flexibility

- **\$9.9 billion** over **10 years**
- Strengthens infrastructure
- More economic growth opportunities

All new programs were underway in 2020



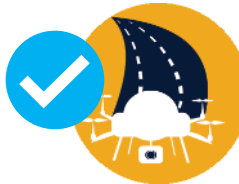
PRESERVATION +
\$17 Million



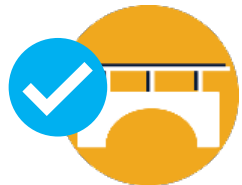
BROADBAND
\$5 Million



COST SHARE
38 Projects | \$21.7 Million



INNOVATION TECH
5 Projects | \$1.3 Million



LOCAL BRIDGE
30 counties/ cities | \$5.1 Million



DRIVER'S ED
Nearly 1000 students enrolled



SHORT-LINE RAIL
13 Projects | \$5 Million



STRATEGIC SAFETY IMPROVEMENTS
1st project to construction in 2020



A well-delivered transportation system



Cares about you.

- Travelers should be safe.
- Time should not be wasted in traffic unnecessarily.
- Make communities better.



Is affordable.

- Use tax dollars wisely.
- Reduce mobility costs for people and goods.



Innovates for now & later.

- Solve today's problems.
- Grow tomorrow's opportunities.
- Works with great urgency for you.

You Speak. KDOT Listens. Together, we work.



**Staying
engaged
lets people
know you
care**



Making roads safer & saving time



K-156 Hodgeman County



- Narrow road
- Lack of shoulders
- Increased truck traffic/wide load vehicles
- Increased school bus traffic due to consolidation

“These investments will address longstanding transportation needs, **create jobs and deliver long-term economic opportunities.**”

-Andrew Wiens,
Wichita Regional Chamber

North Junction - Wichita

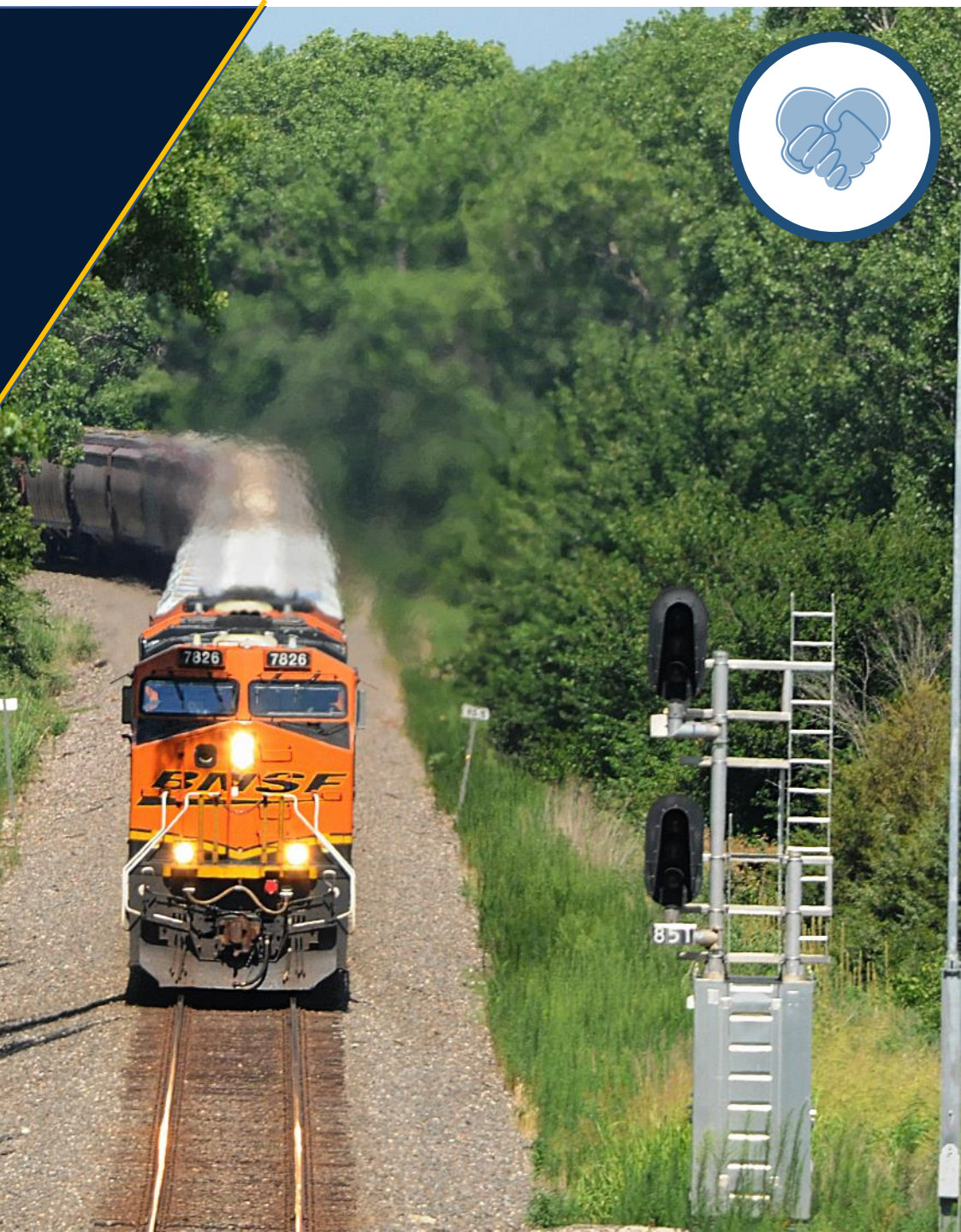


Making Communities Better



“I just know it’s going to be the shot in the arm this community needs. I feel like it’s just the beginning of good news to start rolling back our way. People will be encouraged that Small Town America really does have a voice in this world.”

- Robin Macy





Driving down costs through partnerships



Edgerton Intermodal



Turner Diagonal

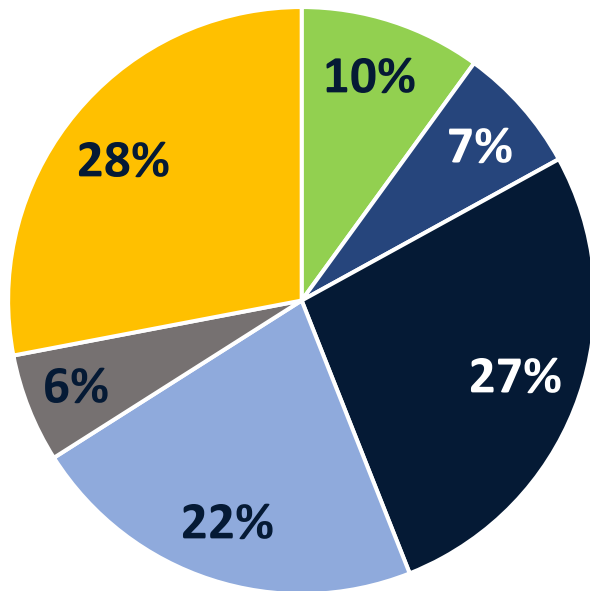


New IKE Rail Improvement Project increases options for shippers and drives down costs



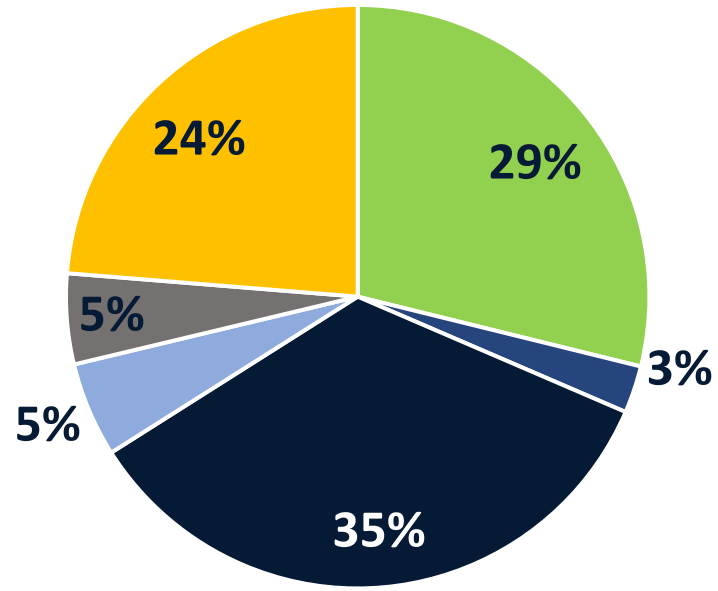
Greenhouse Gas Emissions by Economic Sector

United States

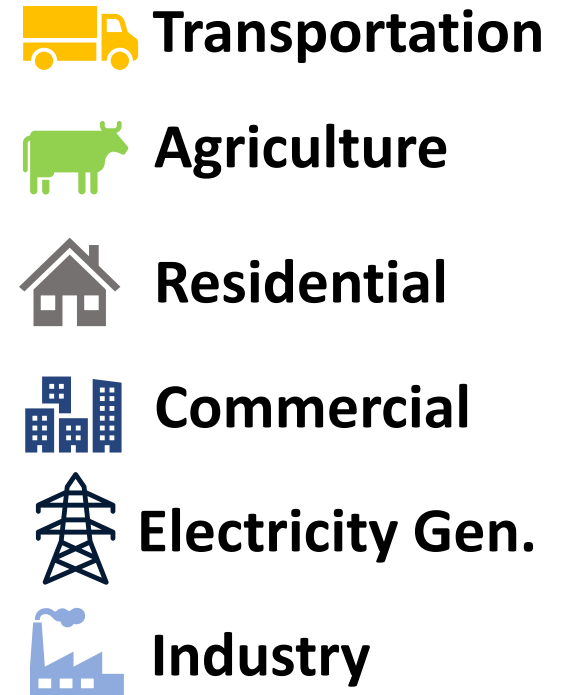


Source: EPA, 2018

Kansas



Source: World Resources Institute, 2014



Private Industry response



Forbes WHEELS

GM Plans To Phase Out Gas And Diesel Cars By 2035

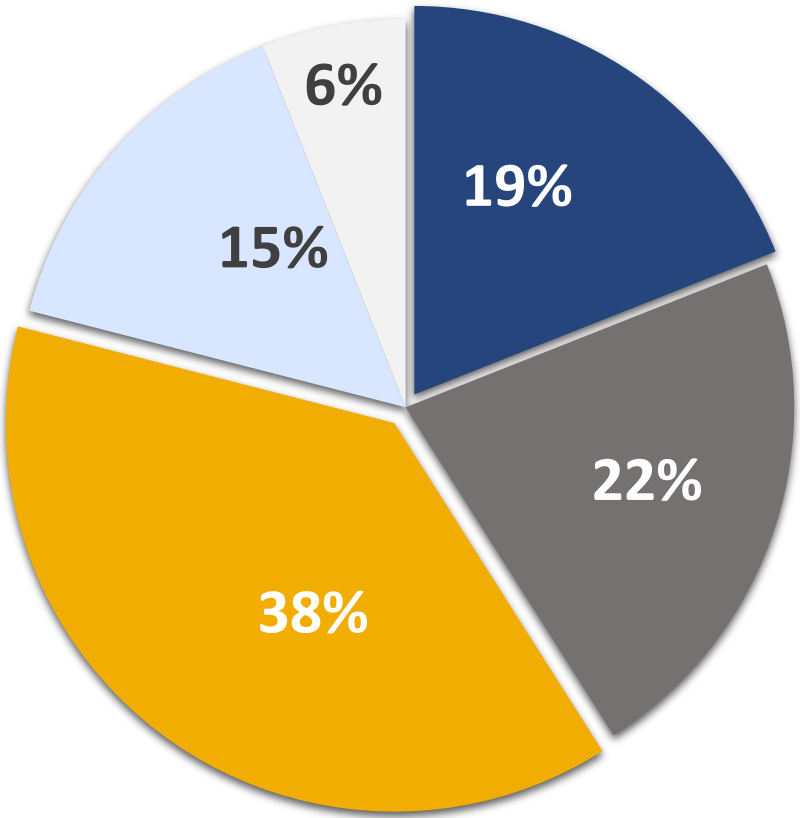


Jerry Hirsch
Contributor

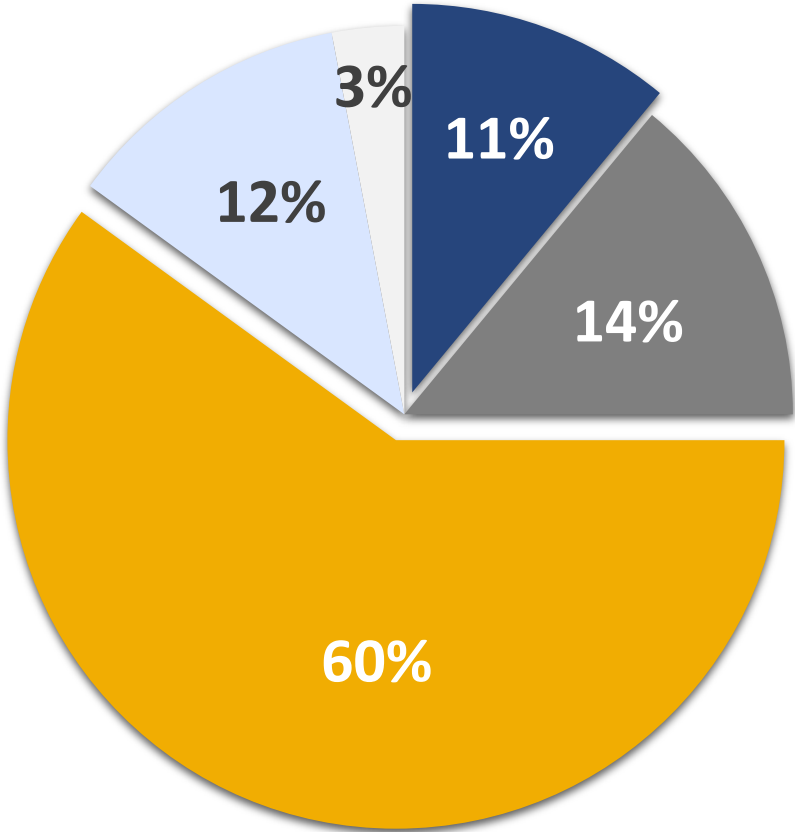
Published: Jan 28, 2021

Transportation Funding is changing

Revenue Mix in **FY2021**



Revenue Projection for **FY2045**



State Motor Fuel Taxes

Federal Fuel Taxes & Fees

State Sales Tax

State Driver & Vehicle Fees

Local Construction



Innovative
efforts
underway to
move us
forward



Road Usage
Charge Study



HEARTLAND OPPORTUNITIES, MARKETS & ENVIRONMENT

A regional approach to problem-solving

MAASTO State	2020 Pop.	2010-20 growth rate	Rural Pop.	Urban Pop.	Congress. Delegates	State GDP	Lane Miles	People per Lane Mile
Illinois	12.8 M	-0.1%	12%	88%	19	\$865 B	306,614	42
Indiana	6.8 M	+4.7%	28%	72%	11	\$367 B	202,417	34
Iowa	3.2 M	+4.7%	36%	64%	6	\$195 B	235,048	14
Kansas	2.9 M	+3.0%	26%	74%	6	\$176 B	289,948	10
Kentucky	4.5 M	+3.8%	42%	58%	8	\$215 B	167,092	27
Michigan	10.0 M	+2.0%	25%	75%	15	\$537 B	256,207	39
Minnesota	5.7 M	+7.6%	27%	73%	10	\$384 B	286,708	20
Missouri	6.2 M	+2.8%	30%	70%	10	\$328 B	276,619	22
Ohio	11.8 M	+2.3%	22%	78%	17	\$676 B	262,377	45
Wisconsin	5.9 M	+3.6%	30%	70%	10	\$349 B	239,027	25
U.S. Avg.	6.5 M	+7.4%	26%	74%	11	\$418 B	171,874	38

Well above U.S. avg.

Well below U.S. avg.



OCTOBER

15
2021

KANSAS STATE
UNIVERSITY

- ▶ Sponsored by KDOT, KS Department of Agriculture and 10 MAASTO states
- ▶ Intersection of transportation, agriculture and technology
- ▶ Public and private sector leaders
- ▶ Drive down the cost of transporting agriculture products, expand economic opportunities, diversify crops and improve soil health

REGISTER NOW AT:

ksdotike.org/homefield