The Kansas
ECONOMIC DATABOOK

A summary of regional economic indicators
for the state of Kansas

SUMMARY OF CURRENT KANSAS ECONOMIC CONDITIONS

The unemployment rate in Kansas was 5.9 percent at the end of the third quarter, down 6 percentage points from its high of 11.9 percent in April. Although roughly half of the jobs that were lost in April have been recovered, total payroll employment is still 63,000 (4.4 percent) below year-ago levels. Manufacturing and leisure and hospitality are still experiencing the largest declines in employment relative to January levels. While most sectors have experienced some rebounds in employment, mining and logging, and financial activities are experiencing persistent declines in employment through the third quarter. Personal income increased 8.8 percent in the second quarter, fueled primarily by transfer payments, though earnings from work declined.

This databook provides current economic indicators to help monitor trends and allow comparison of past information. These indicators include employment; employment by industry; county and state unemployment; personal income; home prices; housing indicators; manufacturing activity; oil, gas and coal production; and exports. These indicators can be found on the following pages.

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Unemployment Rates
Seasonally Adjusted

September 2020 Unemployment Rates
Seasonally Adjusted

| Over 12% |
| 10 to 12% |
| 8 to 10% |
| 6 to 8% |
| Under 6% |
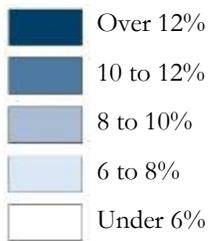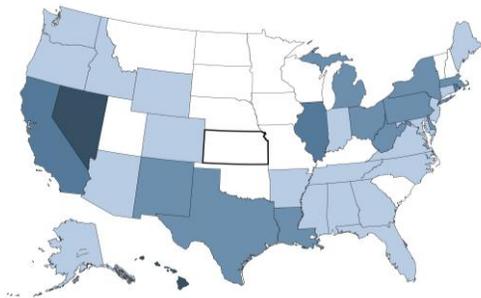
September 2020		
	United States	*Kansas*
Unemployment Rate	7.9%	5.9%
Unemployment Rate, *Last Year*	3.5%	3.1%

**Unemployment Rates,** *Seasonally Adjusted*
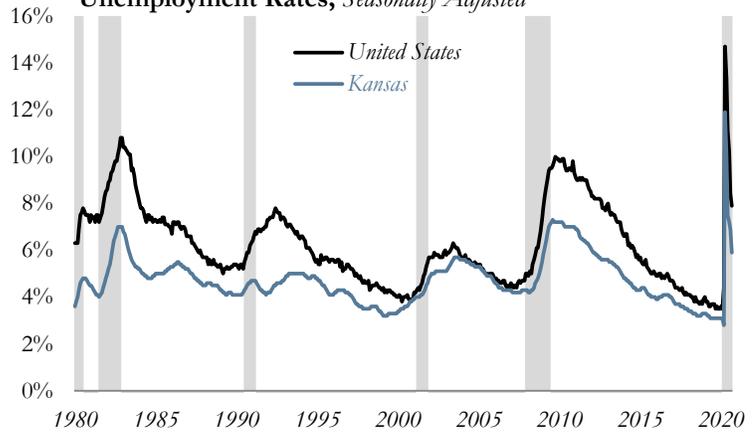
Note: Gray bars indicate recession.

Payroll Employment
Seasonally Adjusted

September 2020 Payroll Employment
Seasonally Adjusted, Year-over-Year Percent Change

| Under -12% |
| -12 to -10% |
| -10 to -8% |
| -8 to -6% |
| -6 to 0% |
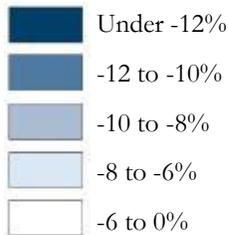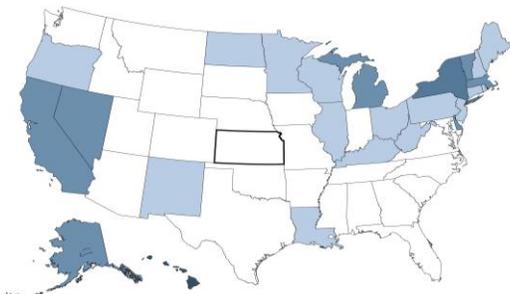
September 2020		
	United States	*Kansas*
Jobs (*Thousands*)	141,720.0	1,360.4
Change from Last Year	-6.4%	-4.4%

Payroll Employment
Seasonally Adjusted, Year-over-Year Percent Change
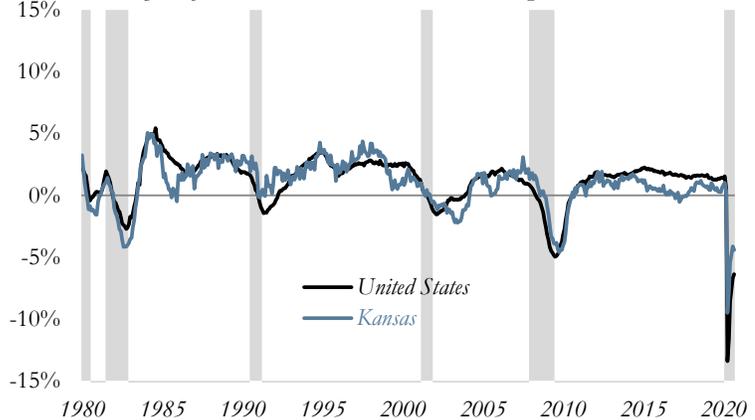
Note: Gray bars indicate recession.

September 2020 Unemployment Rates & Civilian Labor Force
Seasonally Adjusted

	Over 9%
	7 to 9%
	5 to 7%
	3 to 5%
	Under 3%
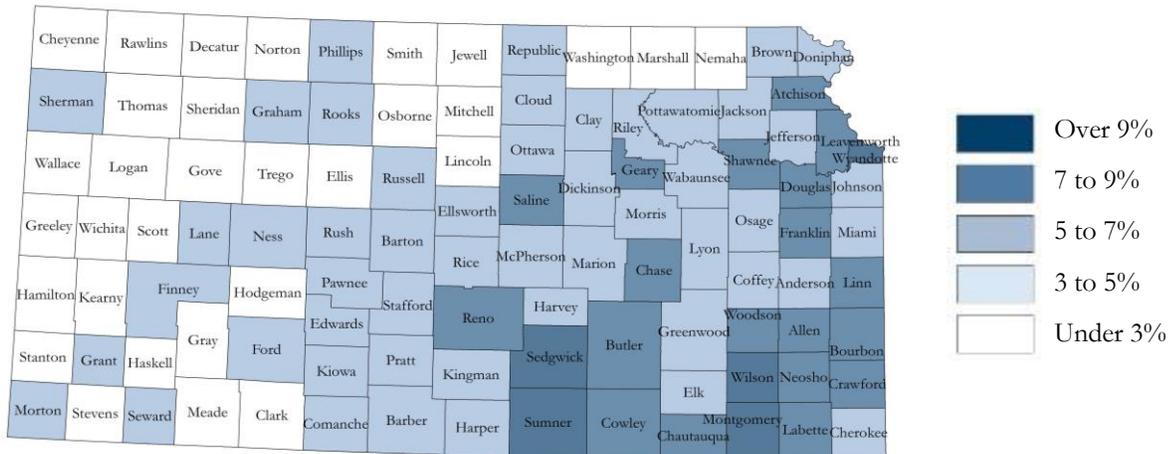
		Percent *Unemployed*	*Labor Force* *(Thousands)*			*Percent* *Unemployed*	*Labor Force* *(Thousands)*
	United States	**7.9%**	**160,143.0**	23	Leavenworth	5.7	35.9
	Kansas	**5.9**	**1,475.7**	24	Osage	5.6	7.8
1	Sedgwick	8.8	254.2	25	Coffey	5.6	3.8
2	Wyandotte	8.0	77.4	26	Saline	5.5	29.8
3	Wilson	8.0	3.9	27	Cherokee	5.3	9.9
4	Sumner	8.0	11.0	28	Miami	5.3	17.1
5	Montgomery	7.9	15.1	29	Greenwood	5.3	3.1
6	Linn	7.8	4.3	30	Harper	5.2	2.7
7	Geary	7.4	11.7	31	Kingman	5.2	3.3
8	Chautauqua	7.2	1.5	32	Riley	5.1	33.2
9	Atchison	7.0	6.7	33	Jefferson	5.0	9.8
10	Woodson	6.9	1.5	34	Johnson	5.0	333.8
11	Chase	6.8	1.5	35	Graham	5.0	1.2
12	Neosho	6.8	6.1	36	Jackson	5.0	7.0
13	Cowley	6.6	16.8	37	Harvey	5.0	16.5
14	Butler	6.6	32.1	38	Barton	4.9	13.7
15	Labette	6.3	9.7	39	Dickinson	4.9	8.9
16	Bourbon	6.3	6.8	40	Clay	4.9	3.7
17	Shawnee	6.1	89.0	41	Elk	4.9	1.2
18	Douglas	6.0	64.5	42	Morris	4.8	3.0
19	Crawford	5.9	19.2	43	Cloud	4.8	3.7
20	Allen	5.8	6.3	44	Lyon	4.8	16.9
21	Franklin	5.8	14.2	45	Grant	4.8	3.2
22	Reno	5.7	30.0	46	Anderson	4.7	4.2

Source: Bureau of Labor Statistics/Haver Analytics

September 2020 Unemployment Rates & Civilian Labor Force

		Percent Unemployed	Labor Force (Thousands)			Percent Unemployed	Labor Force (Thousands)
47	Rush	4.6	1.6	77	Ellis	3.3	17.2
48	Stafford	4.6	2.0	78	Jewell	3.3	1.2
49	Rooks	4.6	2.5	79	Barber	3.3	2.3
50	Doniphan	4.6	4.1	80	Lane	3.3	0.7
51	Brown	4.5	5.1	81	Norton	3.2	2.6
52	Comanche	4.4	0.8	82	Meade	3.1	2.1
53	Seward	4.4	9.7	83	Stevens	3.1	2.8
54	Ottawa	4.3	2.9	84	Rawlins	3.0	1.5
55	Pottawatomie	4.3	11.7	85	Mitchell	3.0	3.3
56	Wabaunsee	4.2	3.5	86	Osborne	3.0	1.9
57	Rice	4.2	5.0	87	Thomas	2.9	4.2
58	Marion	4.1	6.0	88	Nemaha	2.9	5.4
59	Pawnee	4.0	2.7	89	Kearny	2.8	2.1
60	Ness	3.9	1.3	90	Gove	2.7	1.4
61	Morton	3.9	1.1	91	Sheridan	2.6	1.4
62	Pratt	3.9	4.9	92	Hodgeman	2.6	1.0
63	Republic	3.8	2.3	93	Smith	2.6	1.9
64	Ford	3.8	17.3	94	Scott	2.6	2.8
65	Russell	3.8	3.2	95	Washington	2.6	3.0
66	Trego	3.7	1.5	96	Haskell	2.4	2.2
67	Sherman	3.6	2.8	97	Cheyenne	2.3	1.2
68	Phillips	3.6	2.6	98	Stanton	2.3	1.0
69	McPherson	3.6	17.3	99	Gray	2.3	3.1
70	Edwards	3.5	1.5	100	Logan	2.2	1.6
71	Decatur	3.5	1.2	101	Clark	2.2	1.1
72	Kiowa	3.5	1.2	102	Wichita	2.0	1.3
73	Ellsworth	3.5	2.7	103	Wallace	2.0	0.8
74	Marshall	3.4	5.5	104	Hamilton	1.6	1.6
75	Lincoln	3.4	1.7	105	Greeley	1.6	0.8
76	Finney	3.4	20.7				

Source: Bureau of Labor Statistics/Haver Analytics

Payroll Employment

Payroll Employment   *Seasonally Adjusted*
Ten-Year Index of Growth
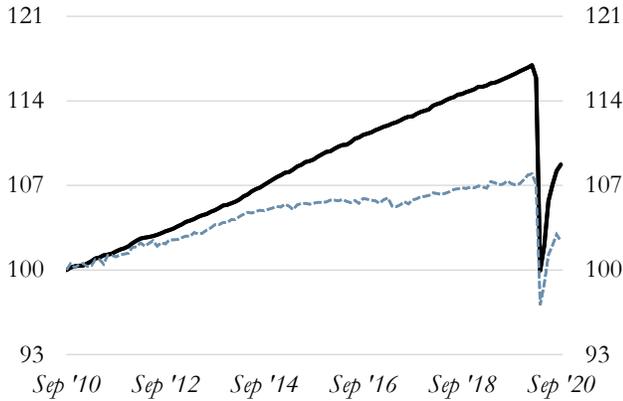
—— *United States*
----- *Kansas*

September 2020		
	United States	*Kansas*
Jobs (*Thousands*)	141,720.0	1,360.4
Change from Last Year	(9,648.0)	-63.0
(*Thousands*)		
Share of U.S. Employment		1.0%

Labor Force Dynamics

Ten-Year Index of Growth, Seasonally Adjusted

Employed (Household Survey)
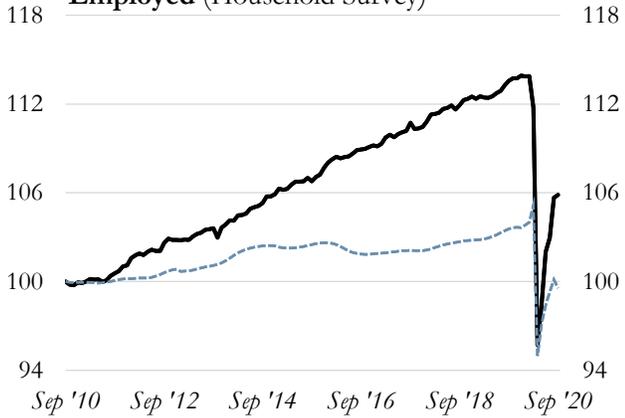
Unemployed
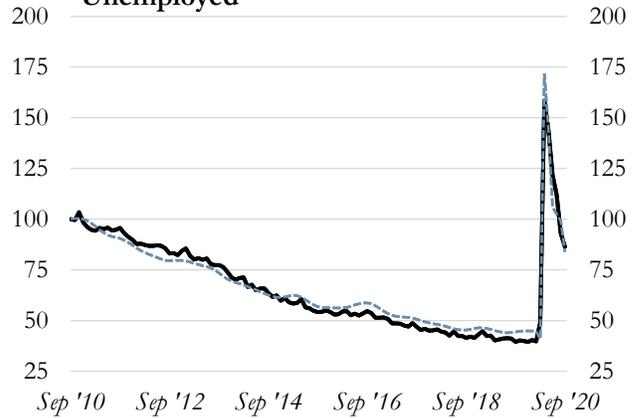
Labor Force
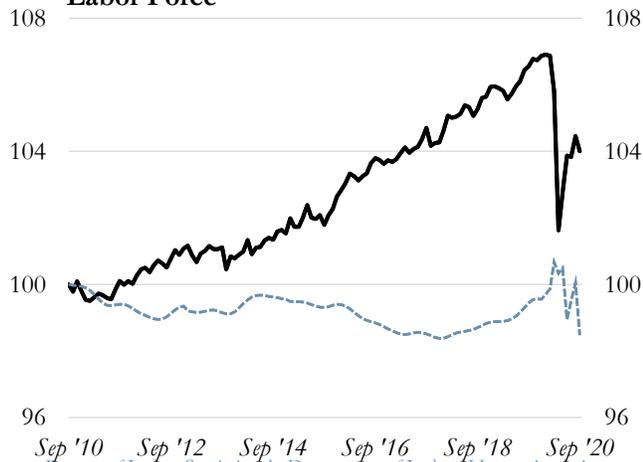
Unemployment Insurance Claims
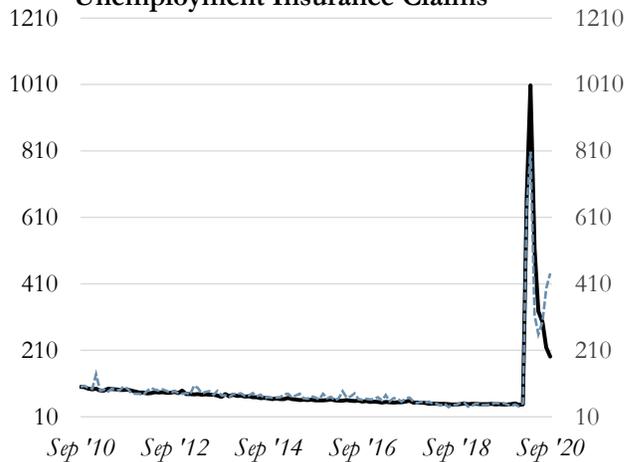
*Source: Bureau of Labor Statistics & Department of Labor/Haver Analytics*

Payroll Employment by Industry

Seasonally Adjusted

September 2020 *Percent Change Year-over-Year*

Industry	Percent Change
Federal Government	6.6%
Trans. & Warehousing	2.9%
Educational Services	1.6%
Retail Trade	0.1%
Construction	-0.8%
Healthcare & Social Assist.	-3.0%
Prof. & Business Services	-3.3%
State Government	-4.2%
Financial Activities	-4.3%
Wholesale Trade	-4.3%
Manufacturing	-6.1%
Local Government	-7.0%
Other Services	-9.2%
Information	-9.4%
Mining & Logging	-11.9%
Leisure & Hospitality	-13.0%
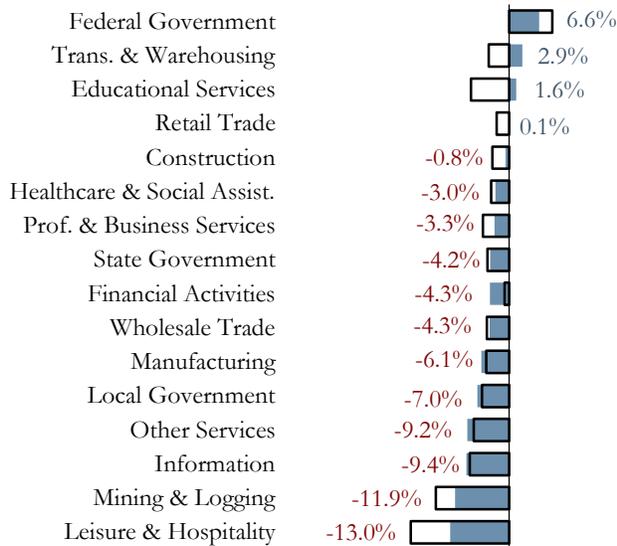
—— United States
- - - *Kansas*

Ten-Year Index of Growth

Construction

Share of Jobs
United States
5.1%
Kansas
4.6%

Manufacturing

Share of Jobs
United States
8.6%
Kansas
11.6%

Mining & Logging

United States
0.4%
Kansas
0.4%

Retail Trade

United States
10.7%
Kansas
10.4%

Wholesale Trade

United States
4.0%
Kansas
4.1%

Utilities

United States
0.4%
Kansas
0.4%

Transportation & Warehousing

United States
3.8%
Kansas
4.6%
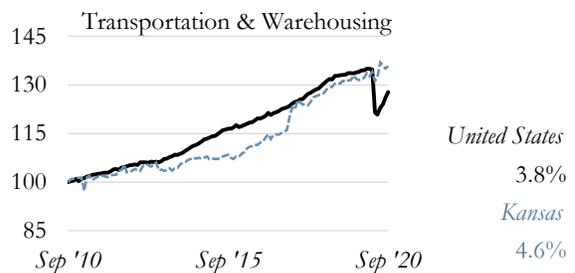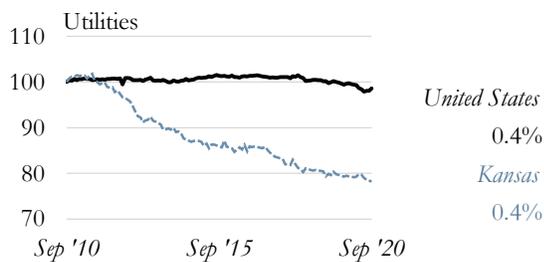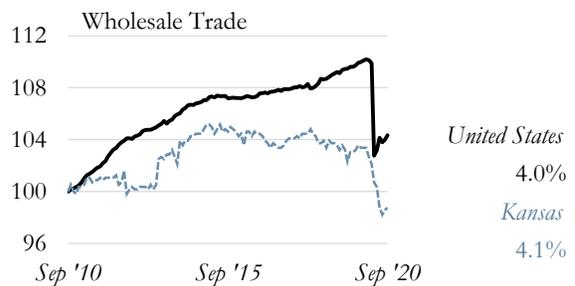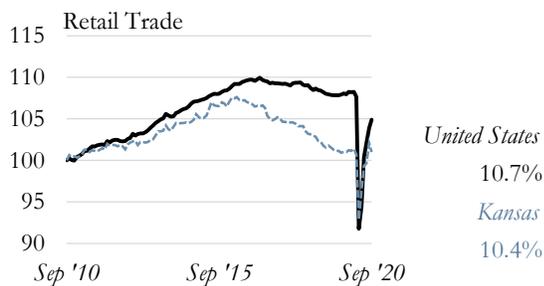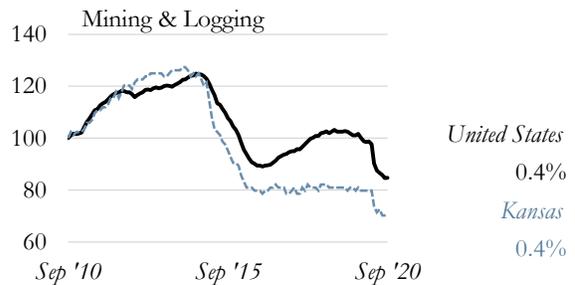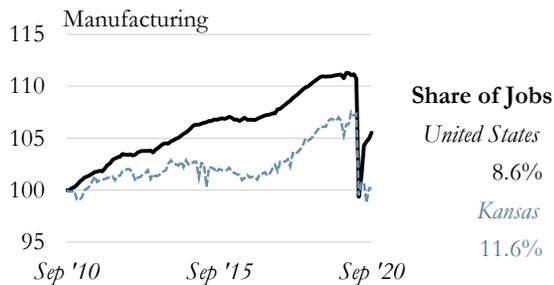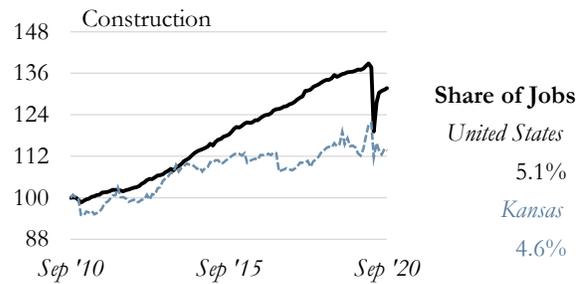
Source: Bureau of Labor Statistics/Haver Analytics

## Payroll Employment by Industry

Ten-Year Index of Growth, Seasonally Adjusted

—— *United States*

----- *Kansas*

Information
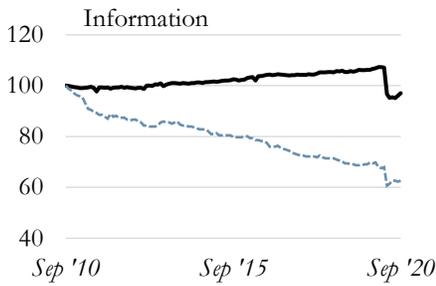
Share of Jobs

United States

1.8%

Kansas

1.2%

Professional & Business Services
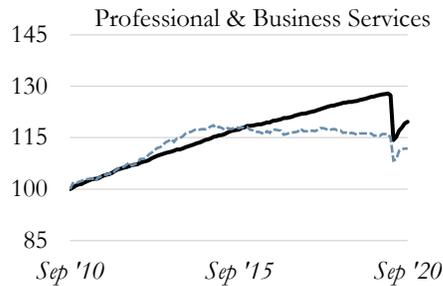
Share of Jobs

United States

14.2%

Kansas

12.7%

Financial Activities
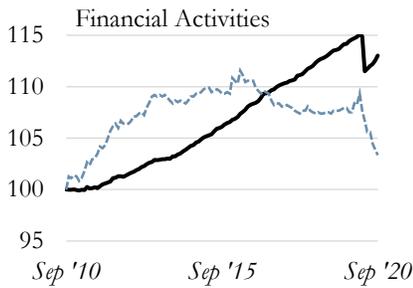
United States

6.1%

Kansas

5.5%

Healthcare & Social Assistance
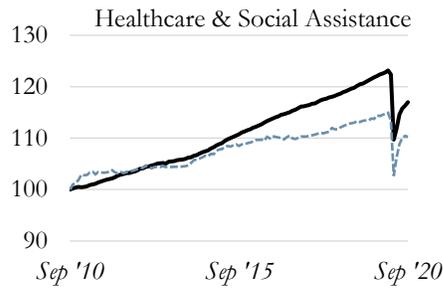
United States

13.9%

Kansas

13.1%

Private Educational Services
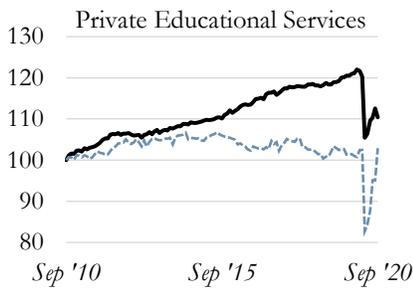
United States

2.5%

Kansas

1.4%

Other Services
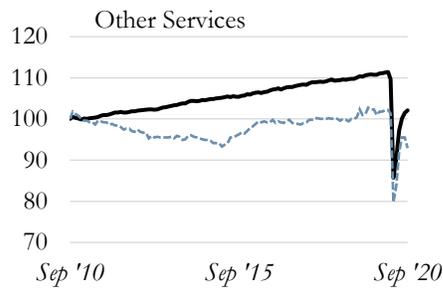
United States

3.8%

Kansas

3.5%

Leisure & Hospitality
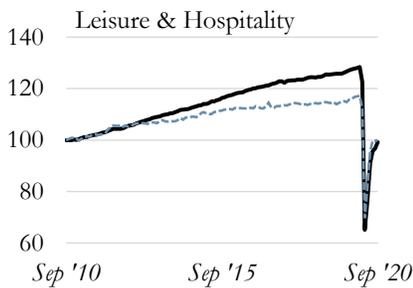
United States

9.2%

Kansas

8.3%

Federal Government
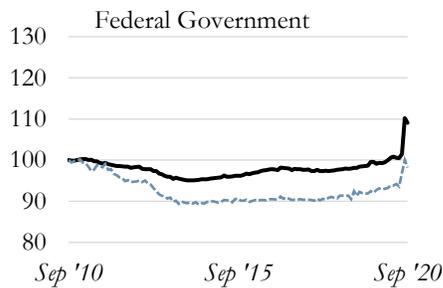
United States

2.2%

Kansas

2.0%

State Government
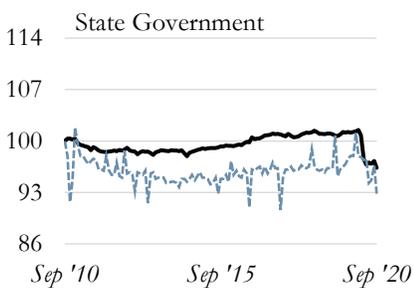
United States

3.5%

Kansas

3.7%

Local Government
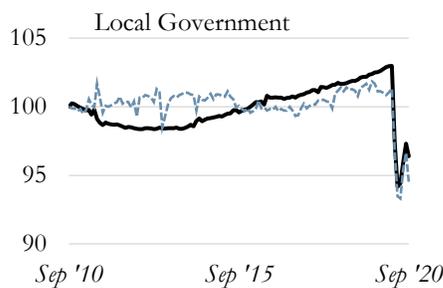
United States

9.7%

Kansas

12.5%

Source: Bureau of Labor Statistics/Haver Analytics

Kansas Nominal Personal Income Growth

Contributions to Percent Change Year-over-Year, Seasonally Adjusted

| Contributions to Social Insurance | Transfer Payments | Dividends, Interest & Rent |
| Residence Adjustment | Earnings by Place of Work | Total Personal Income |
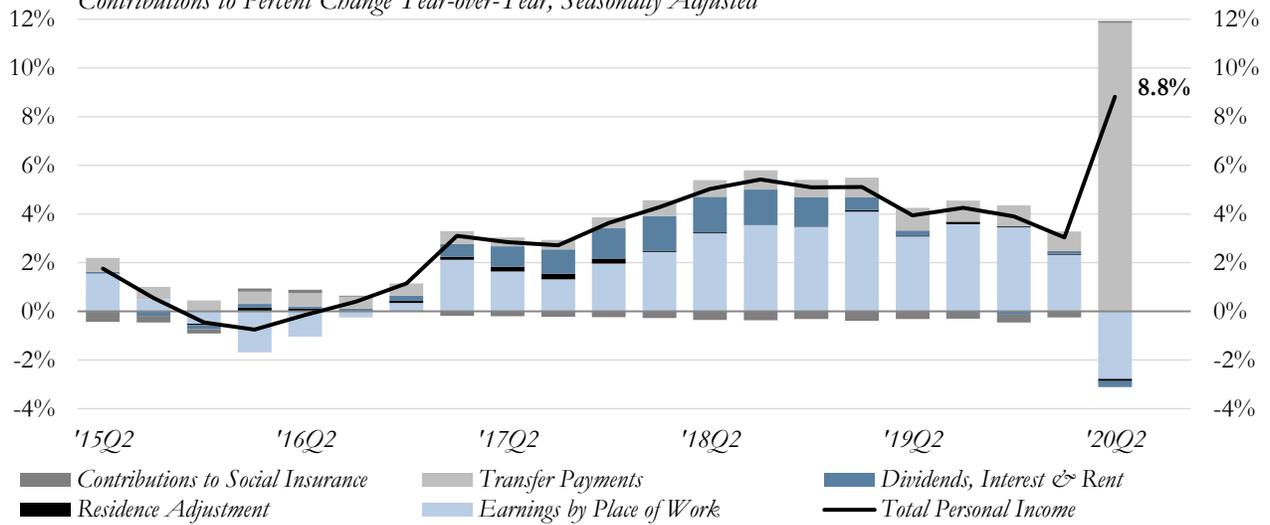
2020Q2	Percent Change Year-over-Year		Share of Personal Income	
	United States	Kansas	United States	Kansas
Total Personal Income	**10.4%**	**8.8%**		
Earnings by Place of Work	-4.8%	-3.9%	60.8%	62.9%
Social Insurance Contributions*	2.5%	1.0%	-6.8%	-7.1%
Residence Adjustment		-8.1%		0.9%
Dividends, Interest & Rent	-1.3%	-1.2%	18.2%	17.8%
Transfer Payments	82.1%	74.2%	27.8%	25.6%

*Subtracted from personal income.

Real Average Hourly Wage

Current Dollars, Seasonally Adjusted
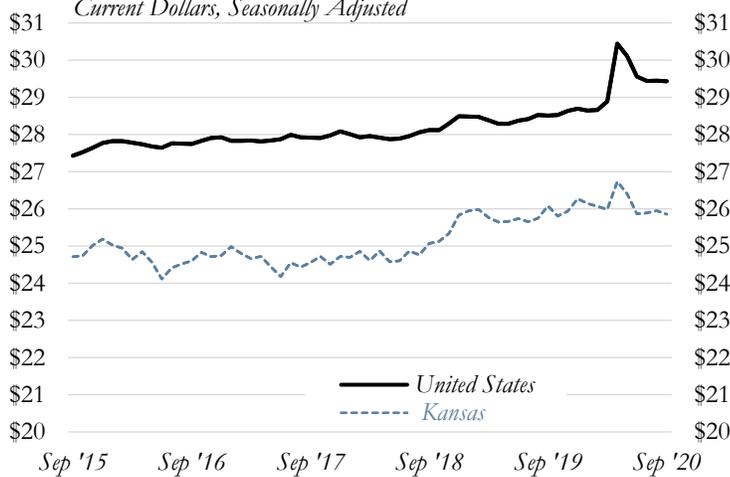
September 2020		
Average	United States	Kansas
Hourly Wage	$29.43	$25.85
Real Change from		
Last Month	-0.1%	-0.4%
Last Year	3.2%	-0.9%

FHFA Purchase-Only Home Price Index

Ten-Year Index of Growth, Seasonally Adjusted
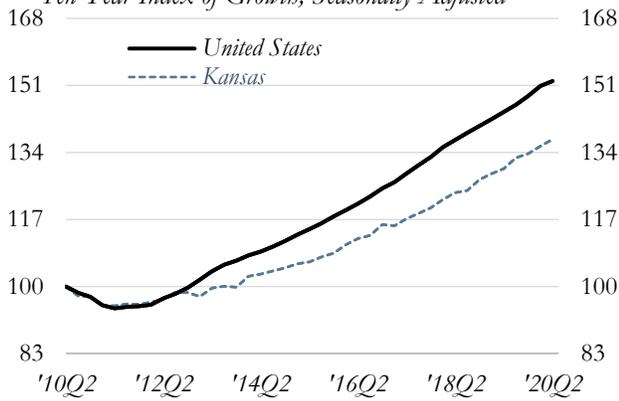
Rental Vacancy Rates
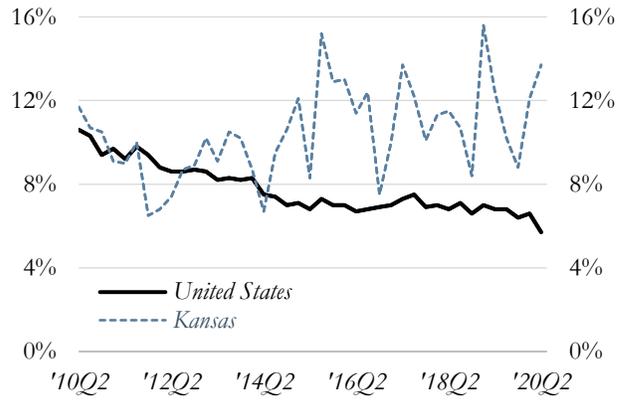
Housing Permits

Ten-Year Index of Growth, Seasonally Adjusted
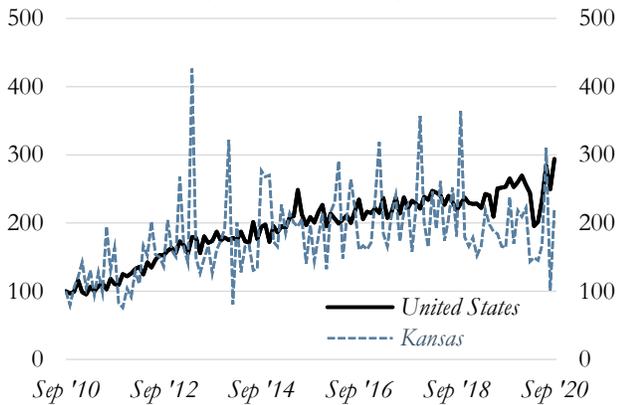
Summary Statistics		
	United States	*Kansas*
Prices (2020Q2)*	5.4%	5.8%
Vacancy Rates (2020Q2)	5.7%	13.7%
Permits (*Year-to-Date*)*		
Single Family	10.2%	11.3%
Multifamily	-6.5%	-17.4%

*Percent change year-over-year.

Top 10 Kansas Counties for Permit Activity

Year-to-Date through September

2020
Single Family
Multifamily
2019, Year-to-Date
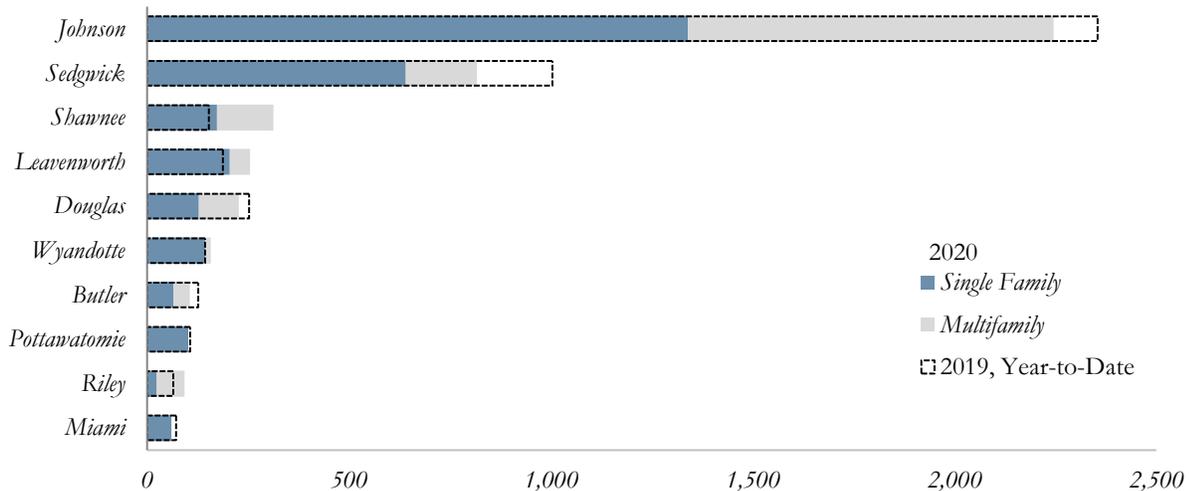
Source: Federal Housing Finance Agency (FHFA) & Census Bureau/Haver Analytics

Kansas Energy Activity

Oil & Gas Rig Counts
Number of Active Drilling Rigs
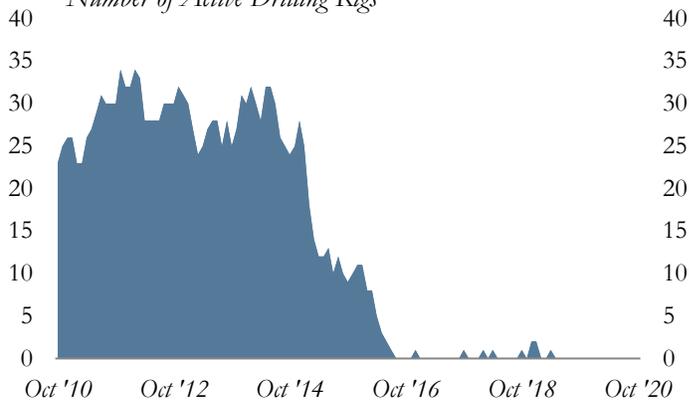
October 2020		
	United States	*Kansas*
Rig Count	280	0
Change from		
Last Month	23	0
Last Year	-568	0
Share of U.S. Activity		0.0%

Crude Oil Production
Thousand Barrels per Month, Seasonally Adjusted
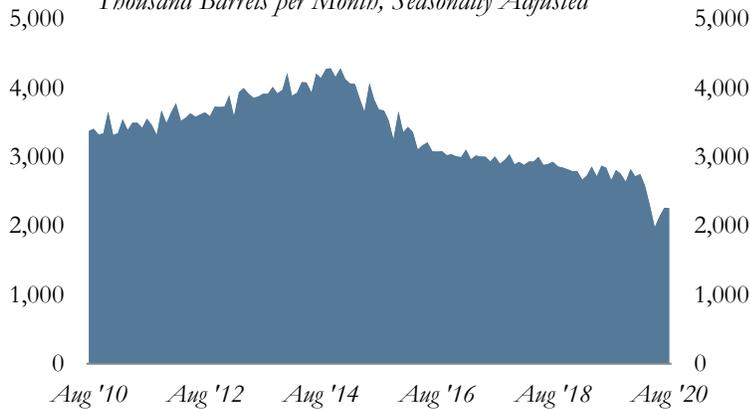
August 2020		
	United States	*Kansas*
Production	323,116	2,256
Change from		
Last Month	-5.4%	-0.3%
Last Year	-15.0%	-15.3%
Share of U.S. Activity		0.7%

Coal Production
Thousand Short Tons, Seasonally Adjusted
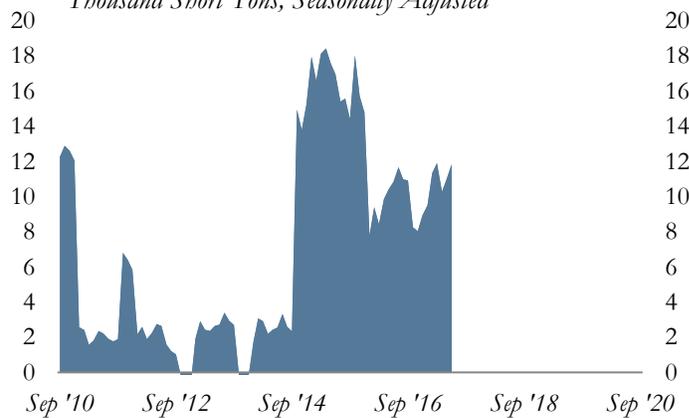
September 2020		
	United States	*Kansas*
Production	44,281	0
Change from		
Last Month	3.3%	N/A
Last Year	-23.0%	N/A
Share of U.S. Activity		0.0%

Source: Baker Hughes & Department of Energy, Energy Information Administration/Haver Analytics

Global Exports

*Ten-Year Index of Growth, Seasonally Adjusted*
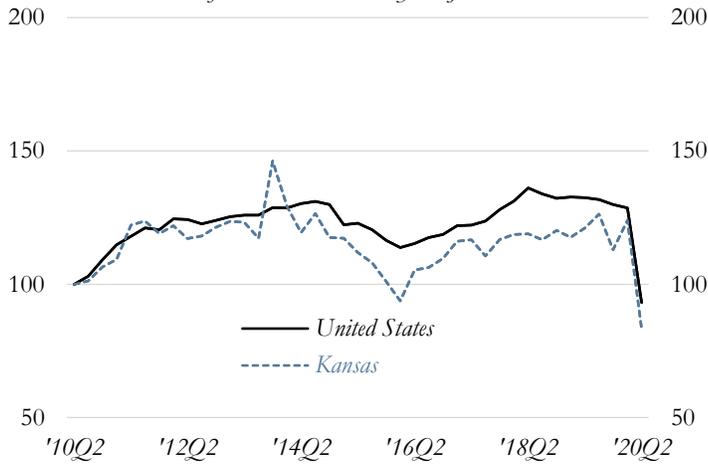
2020Q2		
	United States	*Kansas*
Exports *(Millions)*	$290,478.1	$2,030.1
Change from		
Last Quarter	-27.6%	-32.9%
Last Year *(year-to-date)*	-16.4%	-13.2%
Share of U.S. Activity		0.7%

2019		
Exports as a	*United States*	*Kansas*
Percent of GDP	7.7%	6.6%

Kansas Exports Year-to-Date through 2020Q2

Percent Change Year-over-Year

Over 100%
50 to 100%
25 to 50%
0 to 25%
-25 to 0%
Below -25%
Not Applicable
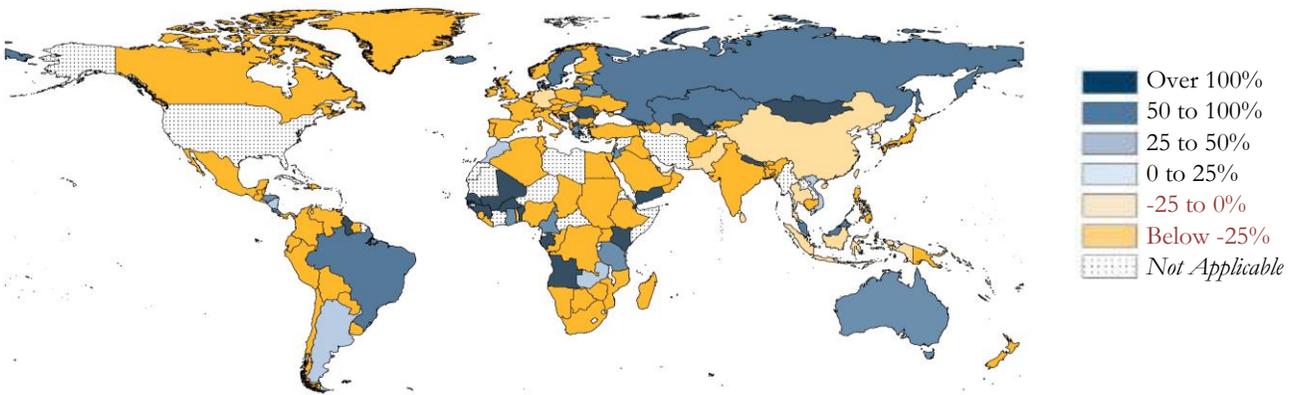
Top Markets		*Share*
1	Mexico	20.2%
2	Canada	15.5
3	China*	9.1
4	Japan	8.9
5	Germany	4.4
6	South Korea	3.9
7	United Kingdom	3.8
8	Singapore	3.4
9	Brazil	2.5
10	Australia	2.1

Top Exports		*Share*
1	Food	21.9%
2	Transportation Equip.	19.8
3	Agriculture & Livestock	14.2
4	Machinery (Except Electrical)	8.7
5	Chemicals & Rare Earth Metals	8.6
6	Computers & Electronics	7.9
7	Special Class Provisions	4.9
8	Plastics & Rubber Products	3.0
9	Electronic Equip. & Appliances	2.6
10	Fabricated Metal Products	2.3

*China includes Hong Kong, Taiwan, and Macao.

Source: Census Bureau, WISERTrade & Bureau of Economic Analysis/Haver Analytics

Pages 2 - 4: County unemployment rates typically lag state data releases by one month. Gray bars show recessionary periods as designated by the National Bureau of Economic Research. The "official" and most commonly reported unemployment rate is calculated as the number of unemployed workers divided by the total civilian labor force. These data are reported from the Bureau of Labor Statistics Current Population Survey, or commonly called the "Household" survey.

Page 2 and 5: Nonfarm employment data from the Bureau of Labor Statistics Current Employment Survey are commonly called "Payroll" employment data. Estimates from this survey are revised throughout the year and a major revision or "benchmark" of the data occurs in March of each year. "Payroll" and "Household" surveys are released monthly, providing the most current estimates of employment published by the Bureau of Labor Statistics. Because methodologies differ between surveys, employment estimates also differ. For more information, visit:
http://www.bls.gov/web/empsit/ces_cps_trends.pdf
Initial claims show monthly applications for initial claims for state unemployment insurance benefits.

Pages 6 and 7: Payroll employment by industry is shown for each of the major two-digit North American Industrial Classification System industries.

Page 8: Personal income provides a measure of all income received by residents of a given geographic area. Data shown are in nominal terms (not adjusted for inflation). Transfer payments include social benefits such as unemployment insurance, Social Security, and Medicaid. Contributions to social insurance are subtracted from personal income. These contributions include taxes paid by businesses and employees that support social insurance programs such as unemployment insurance, Social Security, and Medicaid. The residence adjustment adds income received outside of a recipient's state of residence and makes a corresponding subtraction from the area where this income was earned or received. Real average hourly wages are calculated as total earnings divided by total employment for a given geographic area. Data are adjusted for inflation using the consumer price index for all urban areas (CPI-U) and are indexed to the most current month of data.

Page 9: Home price indices estimate regional growth in home values based on repeat sales data for detached single family residential properties. Monthly single and multifamily housing permits data are not revised, and therefore, may not sum to published year-end totals.

Page 10: The active rig count is the number of rigs actively exploring for or developing oil or natural gas. Rig counts provide an indicator of new drilling activity and potential for expanded crude oil or natural gas production. Coal production is shown as production during a given month.

Page 11: Exports measure the total physical movement of a given product from the United States to a foreign country.

Data Revisions
Most data are revised periodically to correct for errors and incorporate additional information as it becomes available. Data shown in this report are subject to change.

Seasonal Adjustments
Most data are seasonally adjusted to remove variance caused by seasonal fluctuations in economic activity. Data in this report show the seasonal adjustments of data publishers where available. In other cases, Census X-12 adjustments were applied.

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