

THE Kansas ECONOMIC DATABOOK

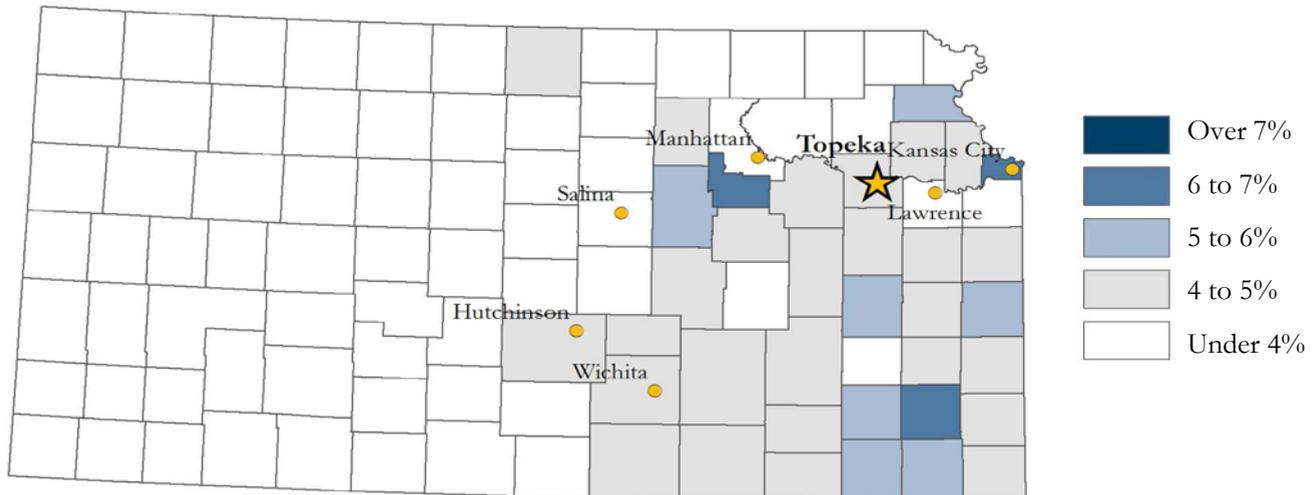
*A summary of regional economic indicators
for the state of Kansas*



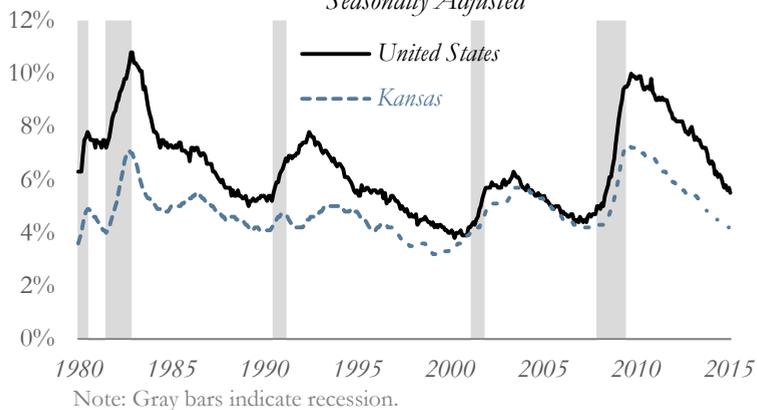
MARCH 27, 2015

FEDERAL RESERVE BANK of KANSAS CITY

January 2015 Unemployment Rates *Seasonally Adjusted*

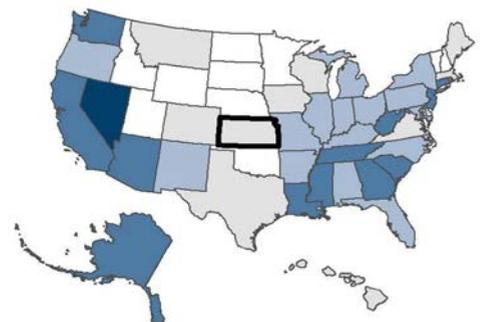


Unemployment Rates *Seasonally Adjusted*



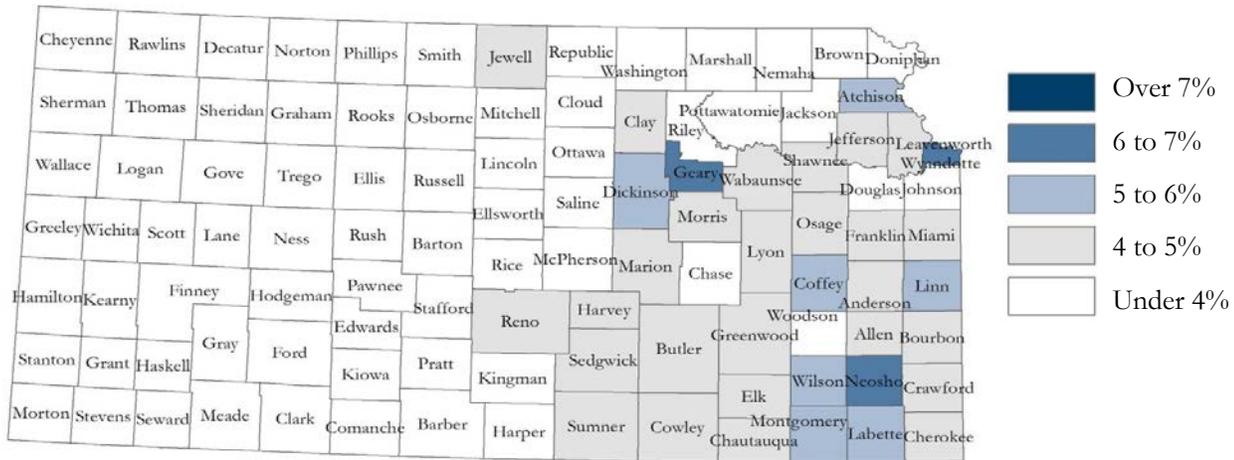
Note: Gray bars indicate recession.

| February 2015 | |
|---------------|------|
| United States | 5.5% |
| Kansas | 4.2% |



Source: Bureau of Labor Statistics/Haver Analytics

January 2015 Unemployment Rates & Civilian Labor Force
Seasonally Adjusted



| | | <i>Percent Unemployed</i> | <i>Labor Force (Thousands)</i> | | | <i>Percent Unemployed</i> | <i>Labor Force (Thousands)</i> |
|----------------------|-------------|---------------------------|--------------------------------|----|--------------|---------------------------|--------------------------------|
| United States | | 5.7% | 157,180.0 | 23 | Shawnee | 4.5 | 92.6 |
| Kansas | | 4.2 | 1,502.9 | 24 | Lyon | 4.5 | 16.6 |
| 1 | Wyandotte | 6.8 | 76.5 | 25 | Elk | 4.4 | 1.3 |
| 2 | Neosho | 6.5 | 6.2 | 26 | Clay | 4.4 | 4.2 |
| 3 | Geary | 6.2 | 12.3 | 27 | Cherokee | 4.4 | 10.5 |
| 4 | Wilson | 6.0 | 4.2 | 28 | Sumner | 4.4 | 11.1 |
| 5 | Atchison | 5.8 | 7.6 | 29 | Harvey | 4.3 | 17.1 |
| 6 | Montgomery | 5.5 | 17.4 | 30 | Reno | 4.2 | 31.3 |
| 7 | Coffey | 5.5 | 4.8 | 31 | Anderson | 4.2 | 4.1 |
| 8 | Labette | 5.4 | 10.8 | 32 | Wabaunsee | 4.2 | 3.8 |
| 9 | Dickinson | 5.4 | 9.7 | 33 | Marion | 4.1 | 6.2 |
| 10 | Linn | 5.3 | 4.3 | 34 | Morris | 4.1 | 3.1 |
| 11 | Crawford | 5.0 | 19.2 | 35 | Jefferson | 4.1 | 10.1 |
| 12 | Sedgwick | 4.9 | 244.5 | 36 | Miami | 4.0 | 17.1 |
| 13 | Osage | 4.8 | 8.2 | 37 | Ottawa | 4.0 | 3.3 |
| 14 | Chautauqua | 4.8 | 1.6 | 38 | Doniphan | 4.0 | 4.3 |
| 15 | Franklin | 4.6 | 14.1 | 39 | Woodson | 3.9 | 1.6 |
| 16 | Bourbon | 4.6 | 7.1 | 40 | Jackson | 3.9 | 7.3 |
| 17 | Leavenworth | 4.6 | 35.2 | 41 | Brown | 3.8 | 5.4 |
| 18 | Cowley | 4.5 | 17.2 | 42 | Cloud | 3.8 | 4.4 |
| 19 | Butler | 4.5 | 31.6 | 43 | Pottawatomie | 3.8 | 11.7 |
| 20 | Allen | 4.5 | 6.8 | 44 | Saline | 3.8 | 30.8 |
| 21 | Greenwood | 4.5 | 3.3 | 45 | Barton | 3.8 | 15.8 |
| 22 | Jewell | 4.5 | 1.4 | 46 | Stafford | 3.7 | 2.2 |

Source: Bureau of Labor Statistics/Haver Analytics

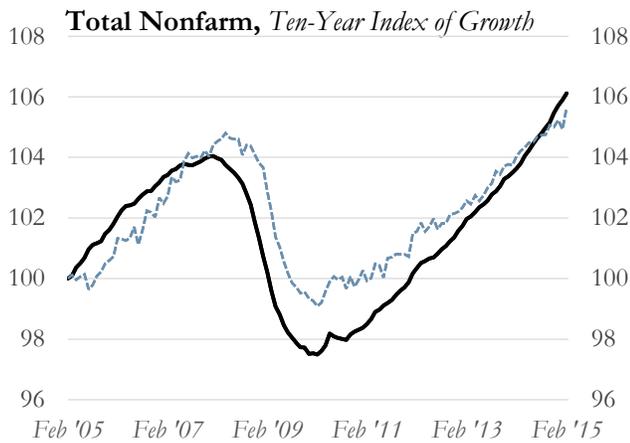
January 2015 Unemployment Rates & Civilian Labor Force

| | | <i>Percent Unemployed</i> | <i>Labor Force (Thousands)</i> | | | <i>Percent Unemployed</i> | <i>Labor Force (Thousands)</i> |
|----|-----------|-------------------------------|------------------------------------|-----|------------|-------------------------------|------------------------------------|
| 47 | Douglas | 3.7 | 64.3 | 77 | Washington | 3.1 | 3.2 |
| 48 | Chase | 3.7 | 1.2 | 78 | Hodgeman | 3.1 | 1.0 |
| 49 | Pawnee | 3.7 | 3.5 | 79 | Phillips | 3.1 | 3.0 |
| 50 | Grant | 3.6 | 4.0 | 80 | Wichita | 3.0 | 1.3 |
| 51 | Decatur | 3.6 | 1.4 | 81 | Ness | 2.9 | 1.7 |
| 52 | Morton | 3.5 | 1.5 | 82 | Republic | 2.8 | 2.6 |
| 53 | Johnson | 3.5 | 321.9 | 83 | Ellis | 2.8 | 18.0 |
| 54 | Kingman | 3.5 | 3.7 | 84 | Marshall | 2.8 | 6.0 |
| 55 | Ford | 3.5 | 18.2 | 85 | Barber | 2.7 | 2.7 |
| 56 | Seward | 3.5 | 11.4 | 86 | Sherman | 2.7 | 3.2 |
| 57 | Rooks | 3.4 | 2.9 | 87 | Thomas | 2.6 | 4.5 |
| 58 | Russell | 3.4 | 3.9 | 88 | Kearny | 2.6 | 2.2 |
| 59 | Kiowa | 3.4 | 1.4 | 89 | Gray | 2.6 | 3.5 |
| 60 | Harper | 3.4 | 3.0 | 90 | Meade | 2.5 | 2.5 |
| 61 | Riley | 3.4 | 36.0 | 91 | Ellsworth | 2.5 | 3.5 |
| 62 | Rice | 3.4 | 5.7 | 92 | Comanche | 2.5 | 1.0 |
| 63 | Edwards | 3.4 | 1.6 | 93 | Cheyenne | 2.5 | 1.3 |
| 64 | Lane | 3.3 | 0.9 | 94 | Nemaha | 2.5 | 5.9 |
| 65 | Stanton | 3.3 | 1.1 | 95 | Wallace | 2.5 | 0.9 |
| 66 | Finney | 3.3 | 20.5 | 96 | Haskell | 2.4 | 2.4 |
| 67 | Mitchell | 3.3 | 3.9 | 97 | Scott | 2.4 | 2.9 |
| 68 | Trego | 3.2 | 1.6 | 98 | Gove | 2.2 | 1.5 |
| 69 | Graham | 3.2 | 1.3 | 99 | Greeley | 2.2 | 0.9 |
| 70 | Rush | 3.2 | 1.8 | 100 | Norton | 2.2 | 3.1 |
| 71 | Osborne | 3.2 | 2.1 | 101 | Sheridan | 2.2 | 1.5 |
| 72 | Stevens | 3.2 | 3.3 | 102 | Clark | 2.2 | 1.2 |
| 73 | Lincoln | 3.2 | 1.8 | 103 | Hamilton | 2.1 | 1.6 |
| 74 | McPherson | 3.2 | 17.0 | 104 | Rawlins | 2.0 | 1.5 |
| 75 | Pratt | 3.1 | 5.7 | 105 | Logan | 1.7 | 1.8 |
| 76 | Smith | 3.1 | 2.1 | | | | |

Source: Bureau of Labor Statistics/Haver Analytics

Payroll Employment

Seasonally Adjusted

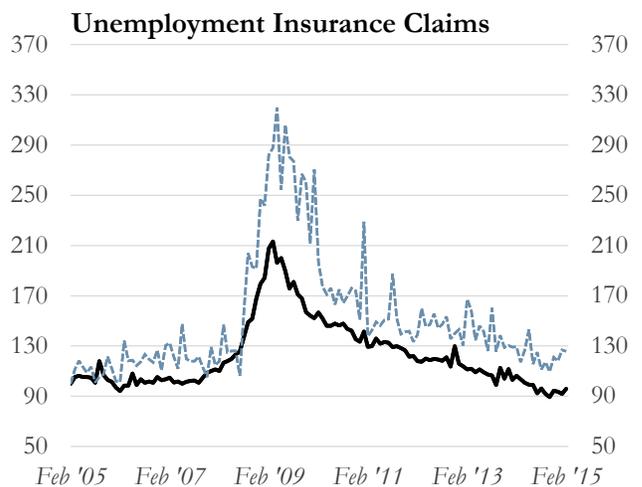
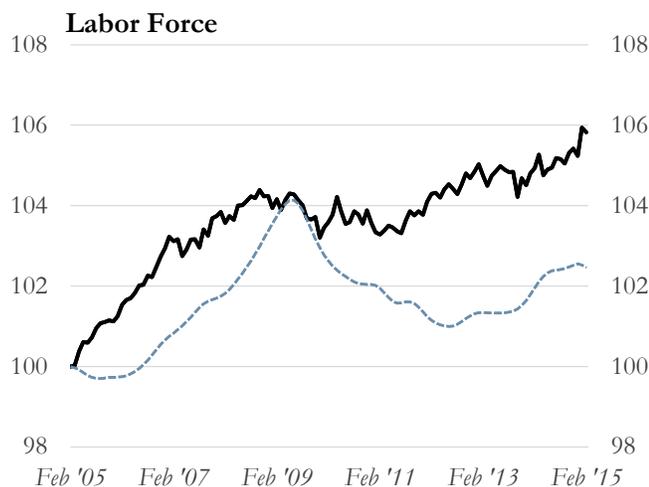
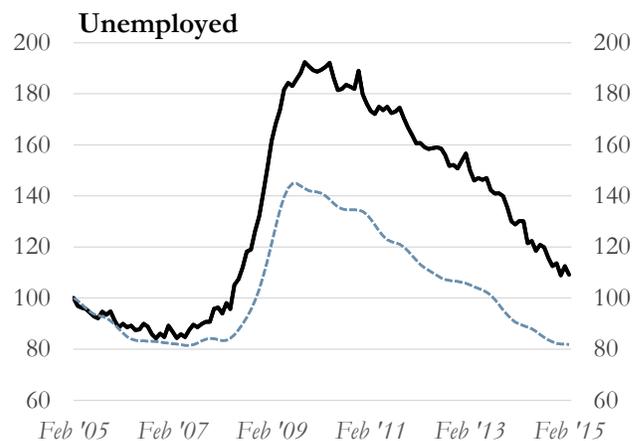
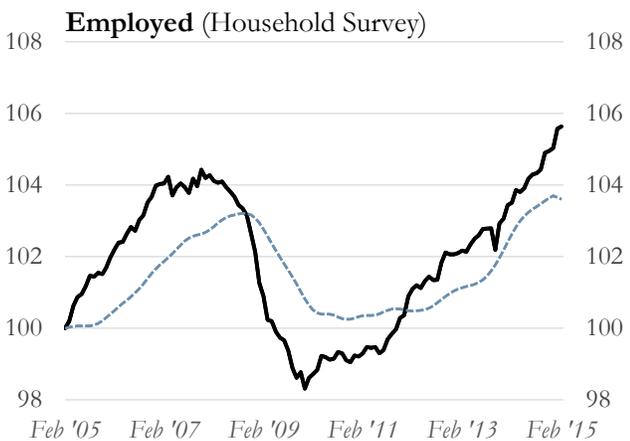


— United States
- - - Kansas

| February 2015 | | |
|--------------------------|---------------|---------|
| | United States | Kansas |
| Jobs (Thousands) | 141,126.0 | 1,407.3 |
| Change from Last Year | 2.4% | 1.5% |
| Share of U.S. Employment | | 1.0% |

Labor Force Dynamics

Ten-Year Index of Growth, Seasonally Adjusted

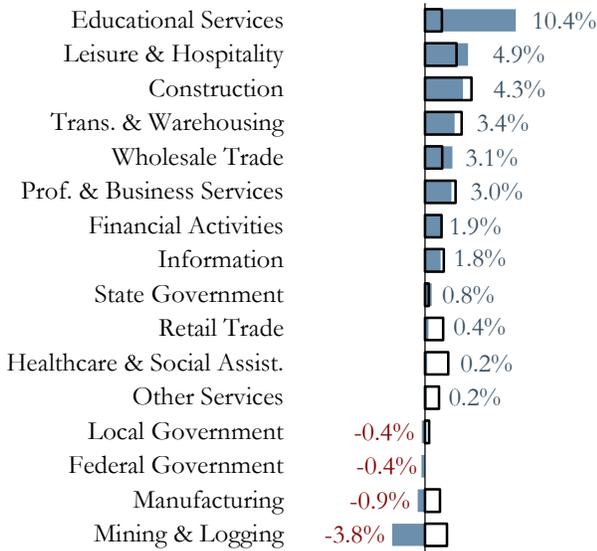


Source: Bureau of Labor Statistics & Department of Labor/Haver Analytics

Payroll Employment by Industry

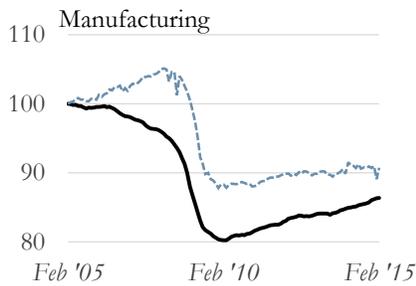
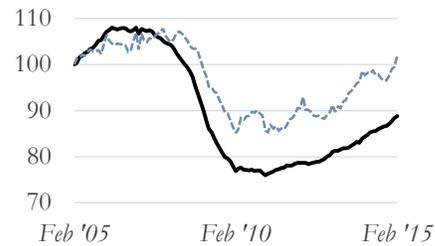
Seasonally Adjusted

February 2015 *Percent Change Year-over-Year*

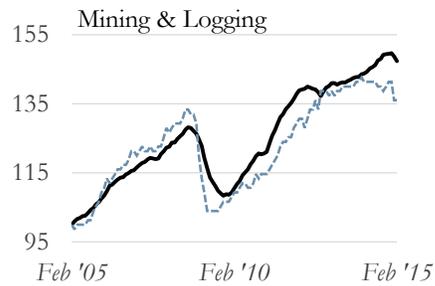


— United States
 - - - - Kansas

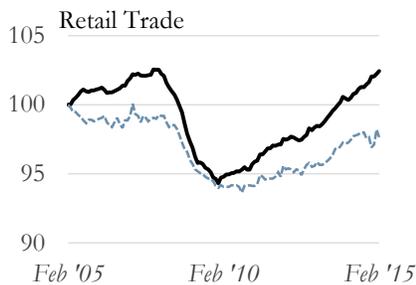
Ten-Year Index of Growth
 Construction



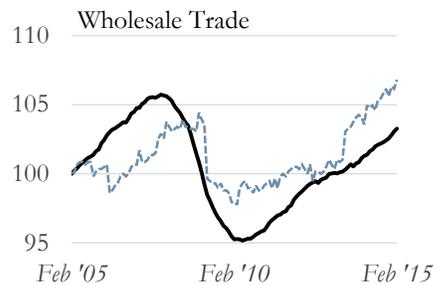
Share of Jobs
 United States
 8.7%
 Kansas
 11.5%



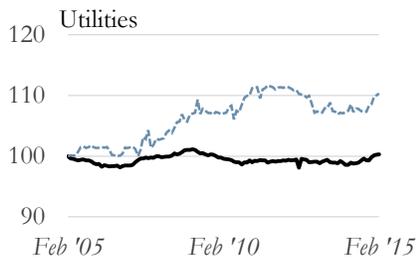
Share of Jobs
 United States
 4.5%
 Kansas
 4.4%



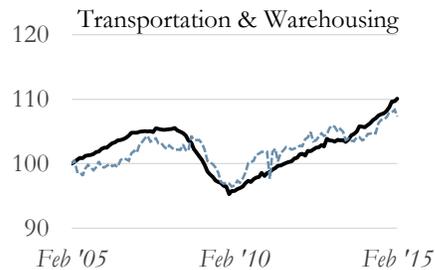
Share of Jobs
 United States
 11.0%
 Kansas
 10.4%



Share of Jobs
 United States
 4.2%
 Kansas
 4.4%



Share of Jobs
 United States
 0.4%
 Kansas
 0.6%

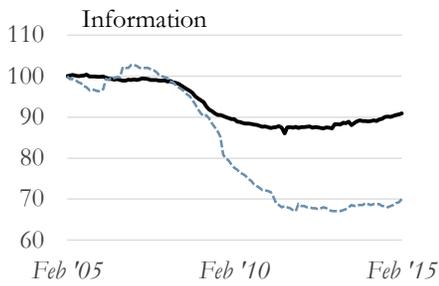


Share of Jobs
 United States
 3.4%
 Kansas
 3.5%

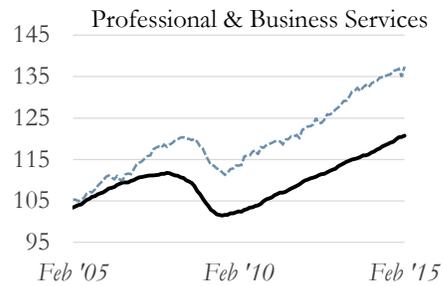
Source: Bureau of Labor Statistics/Haver Analytics

Payroll Employment by Industry
Ten-Year Index of Growth, Seasonally Adjusted

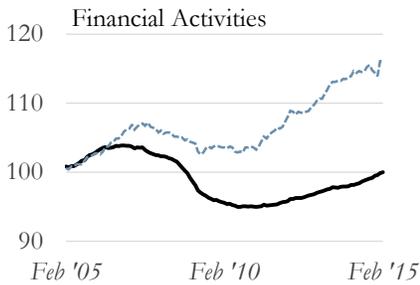
— United States
 - - - - Kansas



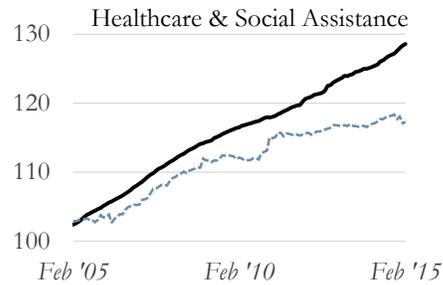
Share of Jobs
 United States
 2.0%
 Kansas
 2.0%



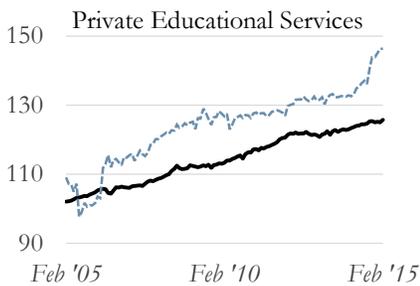
Share of Jobs
 United States
 13.8%
 Kansas
 12.3%



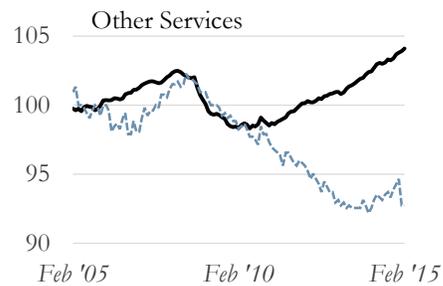
United States
 5.7%
 Kansas
 5.7%



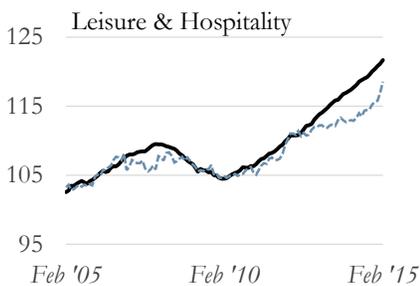
United States
 13.0%
 Kansas
 12.0%



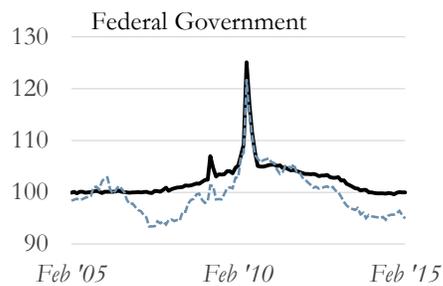
United States
 2.4%
 Kansas
 1.5%



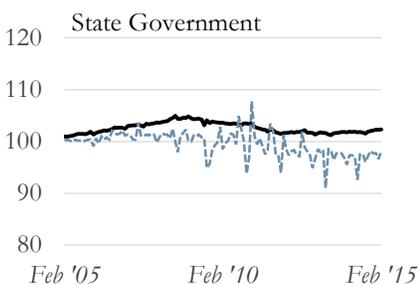
United States
 4.0%
 Kansas
 3.5%



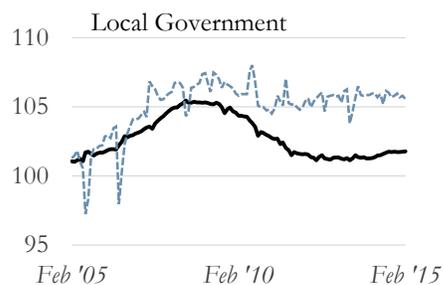
United States
 10.7%
 Kansas
 9.1%



United States
 1.9%
 Kansas
 1.8%



United States
 3.6%
 Kansas
 3.7%

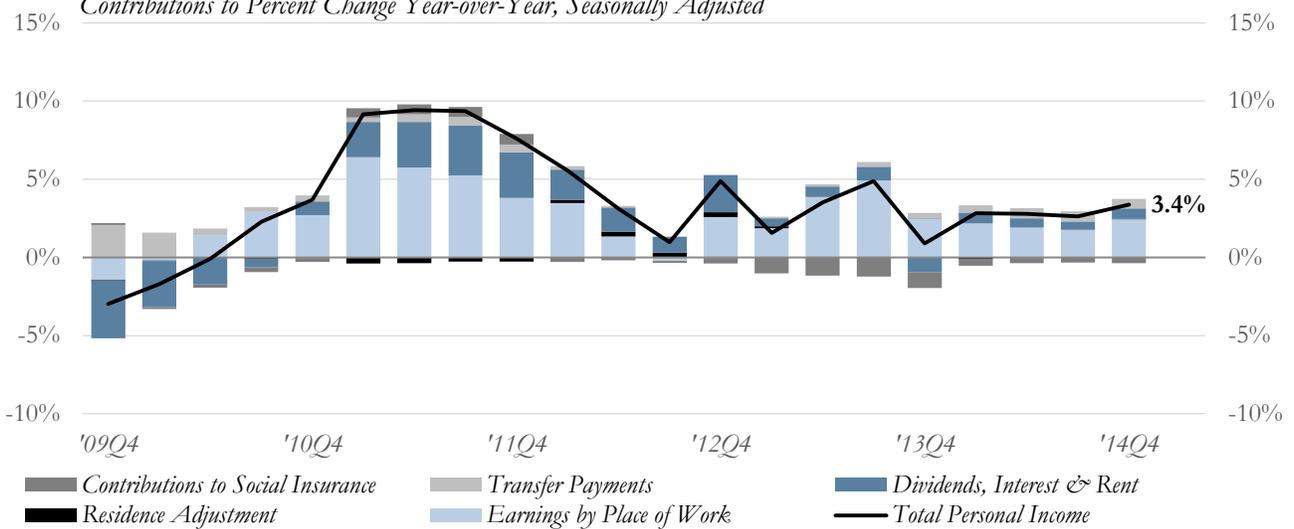


United States
 10.0%
 Kansas
 12.8%

Source: Bureau of Labor Statistics/Haver Analytics

Kansas Nominal Personal Income Growth

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

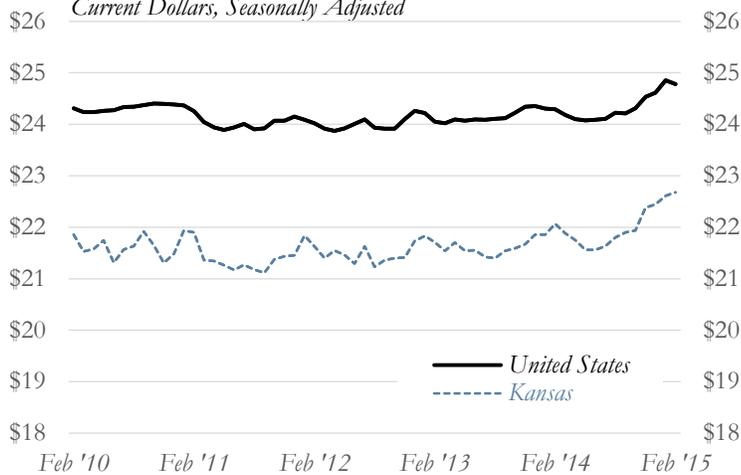


| 2014Q4 | Percent Change Year-over-Year | | Share of Personal Income | |
|---------------------------------|-------------------------------|-------------|--------------------------|--------|
| | United States | Kansas | United States | Kansas |
| Total Personal Income | 4.5% | 3.4% | | |
| Earnings by Place of Work | 4.7% | 3.4% | 72.0% | 72.4% |
| Social Insurance Contributions* | -5.5% | -4.6% | -7.9% | -8.0% |
| Residence Adjustment | | 2.1% | | 1.0% |
| Dividends, Interest & Rent | 3.5% | 3.4% | 18.7% | 19.3% |
| Transfer Payments | 5.4% | 4.1% | 17.1% | 15.4% |

*Subtracted from personal income.

Real Average Hourly Wage

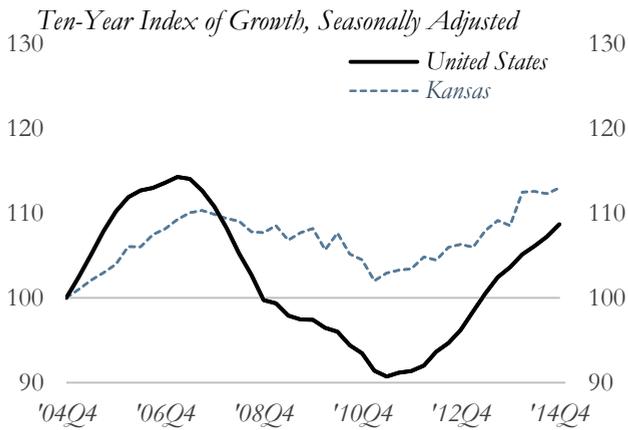
Current Dollars, Seasonally Adjusted



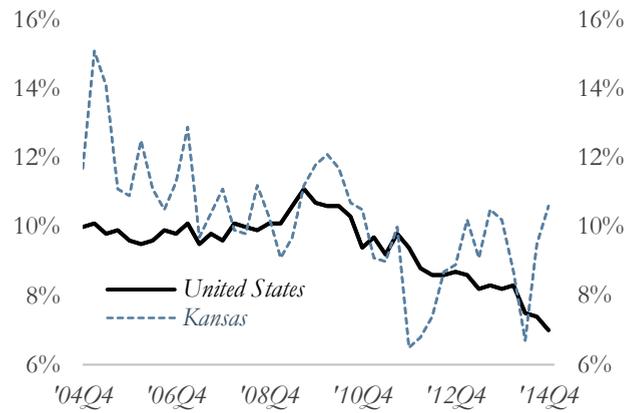
| February 2015 | | |
|-------------------------|---------------|---------|
| Average Hourly Wage | United States | Kansas |
| | \$24.78 | \$22.68 |
| <i>Real Change from</i> | | |
| Last Month | -0.3% | 0.3% |
| Last Year | 2.0% | 2.8% |

Source: Bureau of Economic Analysis & Bureau of Labor Statistics/Haver Analytics

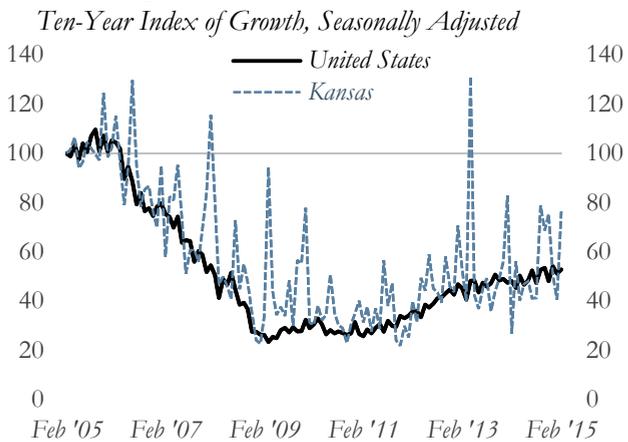
FHFA Purchase-Only Home Price Index



Rental Vacancy Rates



Housing Permits

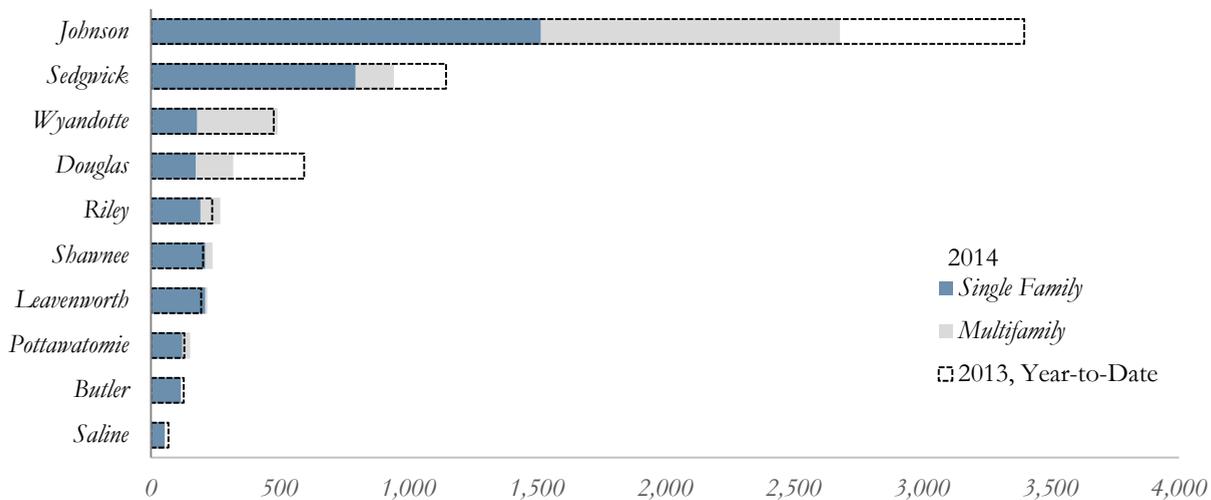


| Summary Statistics | | |
|-------------------------|---------------|--------|
| | United States | Kansas |
| Prices (2014Q4)* | 4.9% | 4.1% |
| Vacancy Rates (2014Q4) | 7.0% | 10.6% |
| Permits (Year-to-Date)* | | |
| Single Family | 2.1% | -6.9% |
| Multifamily | 13.8% | 3.3% |

*Percent change year-over-year.

Top 10 Kansas Counties for Permit Activity

Year-to-Date through December

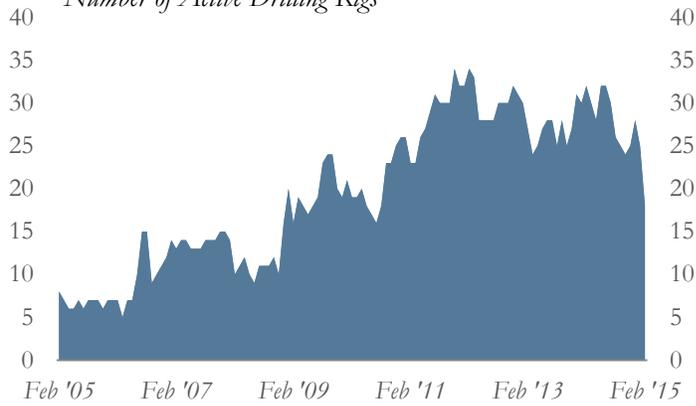


Source: Federal Housing Finance Agency (FHFA) & Census Bureau/Haver Analytics

Kansas Energy Activity

Oil & Gas Rig Counts

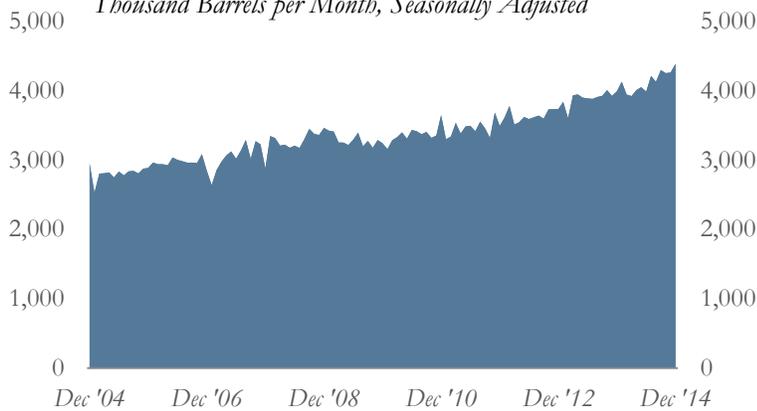
Number of Active Drilling Rigs



| February 2015 | | |
|------------------------|----------------------|---------------|
| | <i>United States</i> | <i>Kansas</i> |
| Rig Count | 1,348 | 18 |
| <i>Change from</i> | | |
| Last Month | -335 | -7 |
| Last Year | -421 | -14 |
| Share of U.S. Activity | | 1.3% |

Crude Oil Production

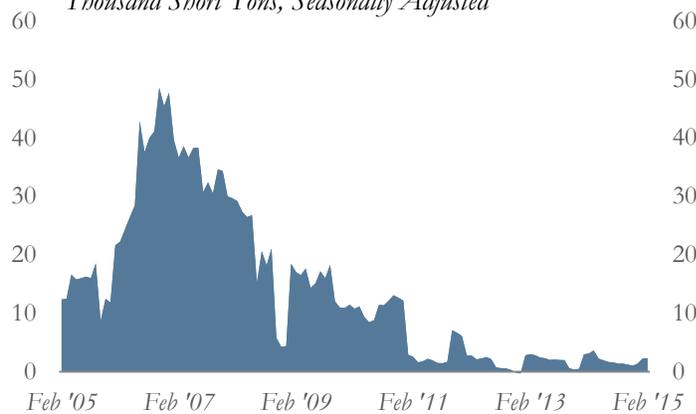
Thousand Barrels per Month, Seasonally Adjusted



| December 2014 | | |
|------------------------|----------------------|---------------|
| | <i>United States</i> | <i>Kansas</i> |
| Production | 277,623 | 4,394 |
| <i>Change from</i> | | |
| Last Month | 2.3% | 2.9% |
| Last Year | 17.4% | 9.9% |
| Share of U.S. Activity | | 1.6% |

Coal Production

Thousand Short Tons, Seasonally Adjusted

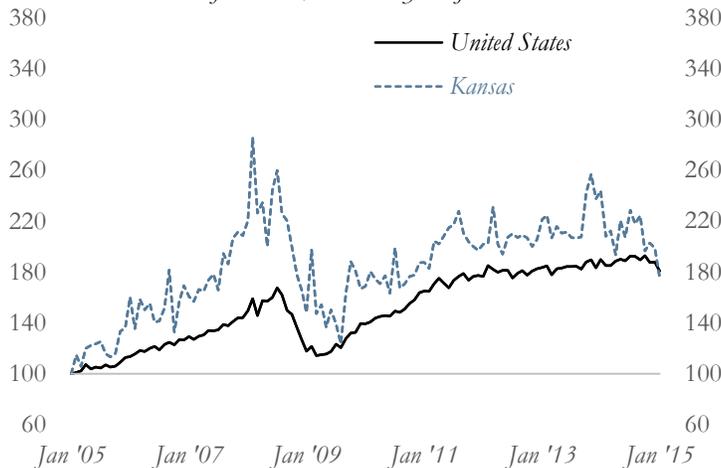


| February 2015 | | |
|------------------------|----------------------|---------------|
| | <i>United States</i> | <i>Kansas</i> |
| Production | 76,069 | 2 |
| <i>Change from</i> | | |
| Last Month | -9.7% | 2.0% |
| Last Year | -5.8% | -26.2% |
| Share of U.S. Activity | | 0.0% |

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

Global Exports

Ten-Year Index of Growth, Seasonally Adjusted

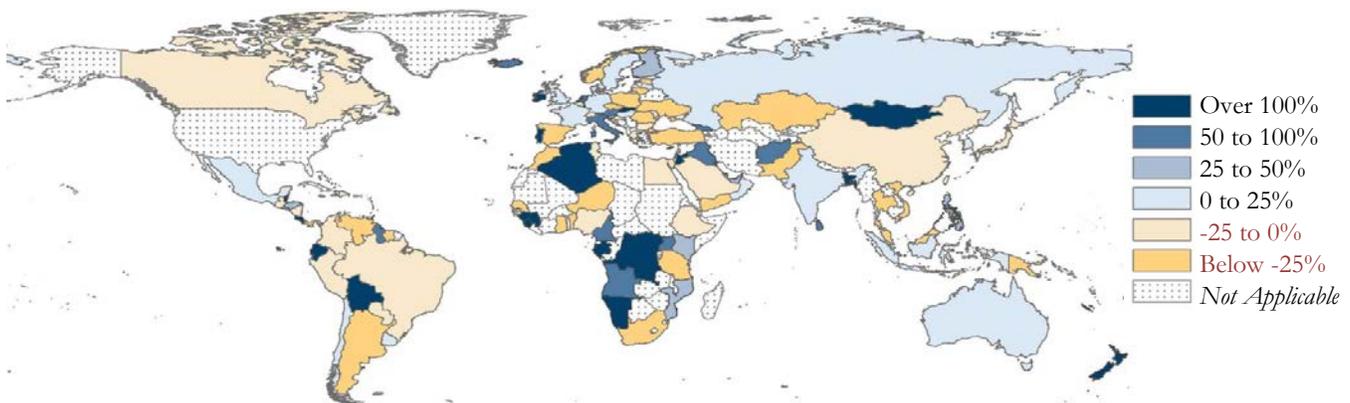


| January 2015 | | |
|------------------------|---------------|---------|
| | United States | Kansas |
| Exports (Millions) | \$129,279.7 | \$826.9 |
| <i>Change from</i> | | |
| Last Month | -3.8% | -11.5% |
| Last Year | -4.8% | -27.9% |
| Share of U.S. Activity | | 0.6% |

| 2013 | | |
|----------------|---------------|--------|
| Exports as a | United States | Kansas |
| Percent of GDP | 9.4% | 8.6% |

Kansas Exports Year-to-Date through 2014Q4

Percent Change Year-over-Year



| Top Markets | Share |
|------------------|-------|
| 1 Canada | 21.1% |
| 2 Mexico | 14.9 |
| 3 China* | 13.1 |
| 4 Japan | 6.9 |
| 5 Brazil | 4.5 |
| 6 United Kingdom | 4.3 |
| 7 Germany | 2.8 |
| 8 Nigeria | 2.4 |
| 9 France | 2.2 |
| 10 South Korea | 2.0 |

| Top Exports | Share |
|----------------------------------|-------|
| 1 Transportation Equip. | 21.0% |
| 2 Food | 19.2 |
| 3 Agriculture & Livestock | 15.0 |
| 4 Machinery (Except Electrical) | 11.7 |
| 5 Chemicals & Rare Earth Metals | 8.8 |
| 6 Computers & Electronics | 6.3 |
| 7 Electronic Equip. & Appliances | 2.9 |
| 8 Fabricated Metal Products | 2.6 |
| 9 Plastics & Rubber Products | 2.6 |
| 10 Special Class Provisions | 2.0 |

*China includes Hong Kong, Taiwan, and Macao.

Pages 1 - 3: 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 4: 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/empstat/ces_cps_trends.pdf

Initial claims show monthly applications for initial claims for state unemployment insurance benefits.

Pages 5 and 6: Payroll employment by industry is shown for each of the major two-digit North American Industrial Classification System industries.

Page 7: 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 8: 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 9: 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 10: 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.

Regional Economic Analysis

Sign up to receive *The Kansas Economic Databook* and other publications each month via email using the link below:

<http://www.kansascityfed.org/ealert/>

For regional economic analysis on the state of Kansas, read the latest issues of *The Midwest Economist*.

<http://www.kansascityfed.org/publications/research/>



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