SUMMARY OF CURRENT KANSAS ECONOMIC CONDITIONS

In Kansas, the unemployment rate was 3.4 percent in June, and total payroll employment grew 0.8 percent compared to the previous year. Employment growth was mixed across industries, with the strongest gains in the leisure and hospitality and mining and logging sectors. Kansas nominal personal income grew 3.4 percent in the first quarter of 2019 compared to the previous year, with workplace earnings up 3.2 percent. Home prices increased 5.7 percent in the first quarter of 2019 compared to a year ago, while single-family and multifamily permits recorded a -22.2 and 20.3 percent change, respectively, year-to-date through May 2019. In April 2019, crude oil production was down 2.4 percent over last year. Kansas exports were 0.7 percent lower in the first quarter of 2019 compared to the same period in 2018.

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.
June 2019 Unemployment Rates  
*Seasonally Adjusted*

<table>
<thead>
<tr>
<th></th>
<th>United States</th>
<th>Kansas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployment Rate</td>
<td>3.7%</td>
<td>3.4%</td>
</tr>
<tr>
<td>Unemployment Rate, Last Year</td>
<td>4.0%</td>
<td>3.3%</td>
</tr>
</tbody>
</table>

**Unemployment Rates, Seasonally Adjusted**

Payroll Employment  
*Seasonally Adjusted, Year-over-Year Percent Change*

<table>
<thead>
<tr>
<th></th>
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<tbody>
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<td>Jobs (Thousands)</td>
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<td>1,425.8</td>
</tr>
<tr>
<td>Change from Last Year</td>
<td>1.5%</td>
<td>0.8%</td>
</tr>
</tbody>
</table>

**Payroll Employment, Seasonally Adjusted, Year-over-Year Percent Change**

Note: Gray bars indicate recession.

Source: Bureau of Labor Statistics/Haver Analytics
May 2019 Unemployment Rates & Civilian Labor Force

<table>
<thead>
<tr>
<th>County</th>
<th>Percent Unemployed</th>
<th>Labor Force (Thousands)</th>
<th>County</th>
<th>Percent Unemployed</th>
<th>Labor Force (Thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>47 Decatur</td>
<td>3.1</td>
<td>1.2</td>
<td>77 Stanton</td>
<td>2.7</td>
<td>1.0</td>
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<td>48 Jefferson</td>
<td>3.1</td>
<td>10.2</td>
<td>78 Nemaha</td>
<td>2.7</td>
<td>5.3</td>
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<tr>
<td>49 Washington</td>
<td>3.1</td>
<td>2.9</td>
<td>79 Kiowa</td>
<td>2.6</td>
<td>1.3</td>
</tr>
<tr>
<td>50 Pottawatomie</td>
<td>3.1</td>
<td>12.3</td>
<td>80 Kearny</td>
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<td>2.0</td>
</tr>
<tr>
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<td>5.2</td>
<td>81 Smith</td>
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<tr>
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<td>3.3</td>
<td>82 Rawlins</td>
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<td>1.4</td>
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<tr>
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<tr>
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<tr>
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<td>87 Finney</td>
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<tr>
<td>58 Wallace</td>
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<td>0.8</td>
<td>88 Republic</td>
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<td>2.3</td>
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<tr>
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<td>2.9</td>
<td>89 Cheyenne</td>
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<td>1.3</td>
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<tr>
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<td>1.4</td>
<td>90 Ellis</td>
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<td>16.9</td>
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<td>338.1</td>
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<td>1.1</td>
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<td>95 Barber</td>
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<td>1.4</td>
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<td>97 Sheridan</td>
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<td>1.4</td>
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<td>98 Logan</td>
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<td>7.2</td>
<td>99 Gove</td>
<td>2.2</td>
<td>1.4</td>
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<td>70 Chase</td>
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<td>100 Hamilton</td>
<td>2.0</td>
<td>1.6</td>
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<tr>
<td>71 Clark</td>
<td>2.8</td>
<td>1.0</td>
<td>101 Osborne</td>
<td>2.0</td>
<td>2.0</td>
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<tr>
<td>72 Stevens</td>
<td>2.8</td>
<td>2.5</td>
<td>102 Greeley</td>
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<td>0.8</td>
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<tr>
<td>73 Haskell</td>
<td>2.8</td>
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<td>103 Gray</td>
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<td>74 Ness</td>
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<td>1.4</td>
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<tr>
<td>75 Phillips</td>
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<td>2.7</td>
<td>105 Scott</td>
<td>1.8</td>
<td>2.8</td>
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<tr>
<td>76 Comanche</td>
<td>2.7</td>
<td>0.9</td>
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</tbody>
</table>

Source: Bureau of Labor Statistics/Haver Analytics

www.KansasCityFed.org
Payroll Employment
Ten-Year Index of Growth

United States
Kansas

June 2019

<table>
<thead>
<tr>
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<td>1,425.8</td>
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<tr>
<td>Change from Last Year (Thousands)</td>
<td>2,301.0</td>
<td>11.0</td>
</tr>
<tr>
<td>Share of U.S. Employment</td>
<td>0.9%</td>
<td></td>
</tr>
</tbody>
</table>

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

www.KansasCityFed.org
Payroll Employment by Industry
Seasonally Adjusted

June 2019 Percent Change Year-over-Year

Leisure & Hospitality 3.1%
Mining & Logging 2.9%
Federal Government 2.4%
Other Services 2.3%
Prof. & Business Services 2.2%
Manufacturing 1.5%
Construction 1.5%
Healthcare & Social Assist. 1.2%
Trans. & Warehousing 0.7%
Local Government -0.4%
State Government -0.5%
Retail Trade -0.9%
Financial Activities -2.7%
Information -2.7%
Wholesale Trade -2.7%
Educational Services -3.7%

Share of Jobs

United States 5.0%
Kansas 4.4%

Ten-Year Index of Growth
Construction

Share of Jobs

United States 8.5%
Kansas 11.8%

Retail Trade

United States 10.4%
Kansas 10.2%

Utilities

United States 0.4%
Kansas 0.4%

Transportation & Warehousing

United States 3.7%
Kansas 4.1%
Payroll Employment by Industry

Ten-Year Index of Growth, Seasonally Adjusted

Information

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
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<tbody>
<tr>
<td>1.9%</td>
<td>1.3%</td>
</tr>
</tbody>
</table>

Financial Activities

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
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<tbody>
<tr>
<td>5.7%</td>
<td>5.4%</td>
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</tbody>
</table>

Private Educational Services

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
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</thead>
<tbody>
<tr>
<td>2.5%</td>
<td>1.3%</td>
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</tbody>
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Leisure & Hospitality

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
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<tbody>
<tr>
<td>11.0%</td>
<td>9.3%</td>
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</tbody>
</table>

State Government

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.4%</td>
<td>3.6%</td>
</tr>
</tbody>
</table>

Professional & Business Services

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
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<tbody>
<tr>
<td>14.2%</td>
<td>12.9%</td>
</tr>
</tbody>
</table>

Healthcare & Social Assistance

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
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<tbody>
<tr>
<td>13.5%</td>
<td>12.8%</td>
</tr>
</tbody>
</table>

Other Services

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<tr>
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<tbody>
<tr>
<td>3.9%</td>
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Federal Government

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<tr>
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<td>1.8%</td>
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Local Government

<table>
<thead>
<tr>
<th>United States</th>
<th>Kansas</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6%</td>
<td>12.7%</td>
</tr>
</tbody>
</table>

Source: Bureau of Labor Statistics/Haver Analytics

www.KansasCityFed.org
Kansas Nominal Personal Income Growth

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

2019Q1

Percent Change Year-over-Year | Share of Personal Income
--- | --- | --- | ---
Total Personal Income | United States | Kansas | United States | Kansas
Earnings by Place of Work | 3.8% | 3.4% | 70.5% | 71.0%
Social Insurance Contributions* | -3.8% | -3.8% | -7.8% | -8.0%
Residence Adjustment | -0.5% | 0.9%
Dividends, Interest & Rent | 2.7% | 2.0% | 19.8% | 19.5%
Transfer Payments | 6.9% | 6.5% | 17.5% | 16.5%

*Subtracted from personal income.

Real Average Hourly Wage
Current Dollars, Seasonally Adjusted

June 2019

Average Hourly Wage | United States | Kansas
--- | --- | ---
$27.89 | $25.29

Real Change from
Last Month | 0.2% | 0.3%
Last Year | 1.5% | 4.2%

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

www.KansasCityFed.org
FHFA Purchase-Only Home Price Index
Ten-Year Index of Growth, Seasonally Adjusted

United States vs Kansas

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

United States vs Kansas

Housing Permits
Ten-Year Index of Growth, Seasonally Adjusted

United States vs Kansas

Summary Statistics

<table>
<thead>
<tr>
<th>Source</th>
<th>United States</th>
<th>Kansas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prices (2019Q1)*</td>
<td>5.1%</td>
<td>5.7%</td>
</tr>
<tr>
<td>Vacancy Rates (2019Q1)</td>
<td>7.0%</td>
<td>15.6%</td>
</tr>
<tr>
<td>Permits (Year-to-Date)*</td>
<td>Single Family: -5.8%</td>
<td>Multifamily: 4.4%</td>
</tr>
<tr>
<td></td>
<td>Multifamily: 20.3%</td>
<td></td>
</tr>
</tbody>
</table>

*Percent change year-over-year.

Top 10 Kansas Counties for Permit Activity
Year-to-Date through May

Johnson
Sedgwick
Shawnee
Butler
Leavenworth
Wyandotte
Douglas
Pottawatomie
Miami
Riley

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

www.KansasCityFed.org
Kansas Energy Activity

Oil & Gas Rig Counts
Number of Active Drilling Rigs

- Rig Count: 970
- Change from Last Month: -16
- Change from Last Year: -86
- Share of U.S. Activity: 0.0%

Crude Oil Production
Thousand Barrels per Month, Seasonally Adjusted

- Production: 370,043
- Change from Last Month: 3.0%
- Change from Last Year: 16.2%
- Share of U.S. Activity: 0.8%

Coal Production
Thousand Short Tons, Seasonally Adjusted

- Production: 56,995
- Change from Last Month: -8.7%
- Change from Last Year: -10.3%
- Share of U.S. Activity: 0.0%

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

www.KansasCityFed.org
Global Exports
Ten-Year Index of Growth, Seasonally Adjusted

United States
Kansas

Exports (Millions)

$416,704.4
$2,861.2

Change from
Last Quarter
0.5%
-3.6%

Last Year (year-to-date)
1.3%
-0.7%

Share of U.S. Activity
0.7%

Kansas Exports Year-to-Date through 2019Q1
Percent Change Year-over-Year

Top Markets

1. Mexico
2. Canada
3. Japan
4. China*
5. United Kingdom
6. Germany
7. South Korea
8. Singapore
9. Spain
10. France

Share
17.8%
16.9%
8.8%
7.5%
4.4%
4.4%
3.3%
3.2%
3.2%
2.1%

*China includes Hong Kong, Taiwan, and Macao.

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

www.KansasCityFed.org
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.