

THE Nebraska ECONOMIC DATABOOK

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



SEPTEMBER 18, 2017

FEDERAL RESERVE BANK of KANSAS CITY

SUMMARY OF CURRENT NEBRASKA ECONOMIC CONDITIONS

In Nebraska, the unemployment rate was 2.8 percent in August, and total payroll employment grew 1.3 percent compared to the previous year. Employment growth was broad-based across industries, with the strongest gains in the private education and other services sectors. Nebraska nominal personal income grew 1.2 percent in the first quarter of 2017 compared to the previous year, with workplace earnings up 0.8 percent. Home prices increased 6.0 percent in the second quarter of 2017 compared to a year ago, while single-family and multifamily permits recorded a 4.1 and 25.4 percent change, respectively, year-to-date through July 2017. Nebraska exports were 13.0 percent higher in the second quarter of 2017 compared to the same period last year.

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; and exports. These indicators can be found on the following pages.



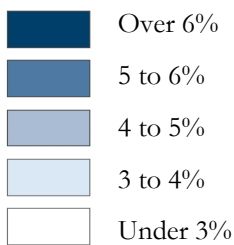
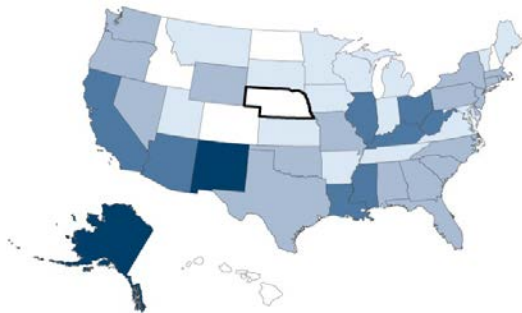
Nathan Kauffman is Assistant Vice President and Omaha Branch Executive. In this role, Kauffman is the Federal Reserve Bank of Kansas City's regional economist and lead officer in Nebraska. He is responsible for briefing the Kansas City Fed's President on the economy in Nebraska and the Tenth District.

Unemployment Rates

Seasonally Adjusted

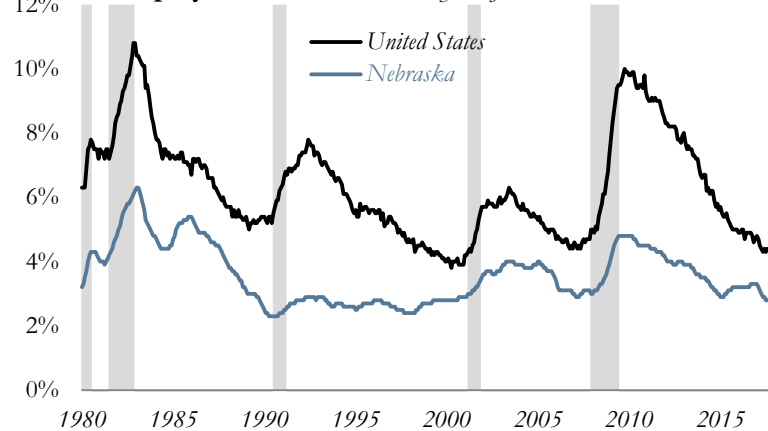
August 2017 Unemployment Rates

Seasonally Adjusted



| August 2017 | | |
|------------------------------|---------------|----------|
| | United States | Nebraska |
| Unemployment Rate | 4.4% | 2.8% |
| Unemployment Rate, Last Year | 4.9% | 3.2% |

Unemployment Rates, Seasonally Adjusted



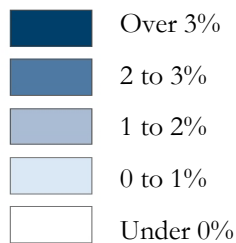
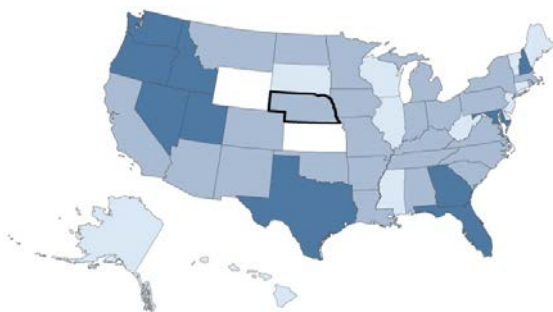
Note: Gray bars indicate recession.

Payroll Employment

Seasonally Adjusted

August 2017 Payroll Employment

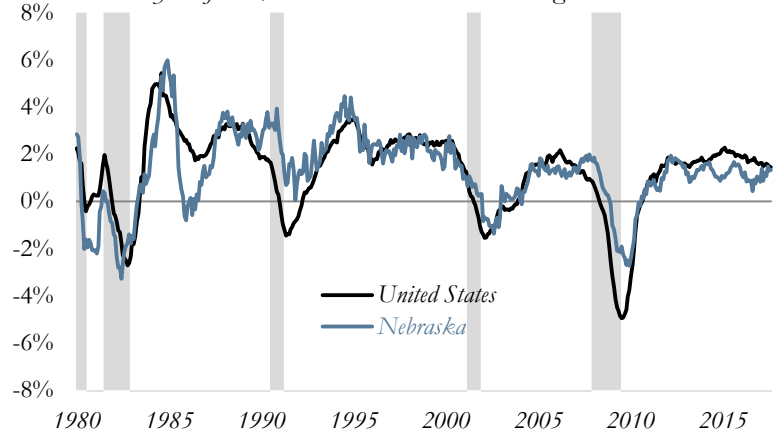
Seasonally Adjusted, Year-over-Year Percent Change



| August 2017 | | |
|-----------------------|---------------|----------|
| | United States | Nebraska |
| Jobs (Thousands) | 146,730.0 | 1,027.1 |
| Change from Last Year | 1.4% | 1.3% |

Payroll Employment

Seasonally Adjusted, Year-over-Year Percent Change



Note: Gray bars indicate recession.

Source: Bureau of Labor Statistics/Haver Analytics

July 2017 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 | 4.3% | 160,494.0 | 23 | Keith | 3.0 | 4.5 |
| | Nebraska | 2.8 | 1,006.4 | 24 | Burt | 3.0 | 3.5 |
| 1 | Thurston | 4.5 | 2.9 | 25 | Douglas | 2.9 | 289.4 |
| 2 | Blaine | 4.5 | 0.3 | 26 | Thomas | 2.9 | 0.4 |
| 3 | Arthur | 4.0 | 0.2 | 27 | Lincoln | 2.9 | 18.5 |
| 4 | Hooker | 3.8 | 0.4 | 28 | Dixon | 2.9 | 3.0 |
| 5 | Nemaha | 3.7 | 3.5 | 29 | Garden | 2.9 | 1.2 |
| 6 | Banner | 3.5 | 0.4 | 30 | Franklin | 2.8 | 1.5 |
| 7 | Hitchcock | 3.4 | 1.3 | 31 | Hall | 2.8 | 31.4 |
| 8 | Otoe | 3.3 | 8.2 | 32 | Pawnee | 2.8 | 1.6 |
| 9 | Dakota | 3.2 | 10.8 | 33 | Frontier | 2.8 | 1.5 |
| 10 | Richardson | 3.1 | 4.2 | 34 | Brown | 2.8 | 1.4 |
| 11 | Greeley | 3.1 | 1.2 | 35 | Cuming | 2.8 | 4.7 |
| 12 | Knox | 3.1 | 4.7 | 36 | Garfield | 2.8 | 1.1 |
| 13 | Box Butte | 3.1 | 5.6 | 37 | Saline | 2.8 | 7.3 |
| 14 | Scotts Bluff | 3.1 | 18.1 | 38 | Gosper | 2.8 | 1.0 |
| 15 | Gage | 3.1 | 10.8 | 39 | Morrill | 2.8 | 2.6 |
| 16 | Boyd | 3.0 | 1.1 | 40 | Washington | 2.7 | 11.0 |
| 17 | Cass | 3.0 | 13.2 | 41 | Saunders | 2.7 | 11.0 |
| 18 | Loup | 3.0 | 0.4 | 42 | Logan | 2.7 | 0.5 |
| 19 | Adams | 3.0 | 16.4 | 43 | Clay | 2.7 | 3.3 |
| 20 | Johnson | 3.0 | 2.0 | 44 | Holt | 2.7 | 5.8 |
| 21 | Stanton | 3.0 | 3.4 | 45 | Butler | 2.7 | 4.5 |
| 22 | Sioux | 3.0 | 0.8 | 46 | Platte | 2.7 | 16.7 |

Source: Bureau of Labor Statistics/Haver Analytics

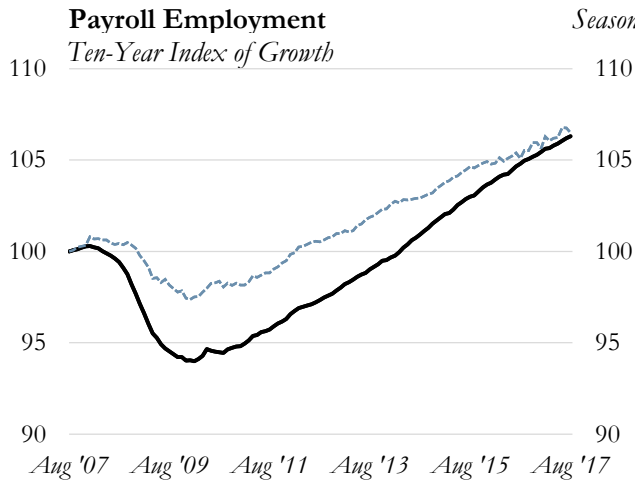
July 2017 Unemployment Rates & Civilian Labor Force

| | | <i>Percent Unemployed</i> | <i>Labor Force (Thousands)</i> | | | <i>Percent Unemployed</i> | <i>Labor Force (Thousands)</i> |
|----|-----------|-------------------------------|------------------------------------|----|------------|-------------------------------|------------------------------------|
| 47 | Sarpy | 2.7 | 91.7 | 71 | Buffalo | 2.3 | 27.0 |
| 48 | Kimball | 2.6 | 1.9 | 72 | Phelps | 2.3 | 4.8 |
| 49 | Valley | 2.6 | 2.1 | 73 | Grant | 2.3 | 0.4 |
| 50 | Dawson | 2.6 | 12.8 | 74 | Cherry | 2.3 | 3.4 |
| 51 | Cheyenne | 2.5 | 5.3 | 75 | Furnas | 2.3 | 2.7 |
| 52 | Howard | 2.5 | 3.3 | 76 | Red Willow | 2.3 | 5.9 |
| 53 | Webster | 2.5 | 1.7 | 77 | Wheeler | 2.3 | 0.6 |
| 54 | Sherman | 2.5 | 1.7 | 78 | Fillmore | 2.2 | 3.1 |
| 55 | Nuckolls | 2.5 | 2.3 | 79 | Hayes | 2.2 | 0.6 |
| 56 | Madison | 2.5 | 18.9 | 80 | Nance | 2.2 | 2.0 |
| 57 | Dodge | 2.5 | 19.0 | 81 | Kearney | 2.2 | 3.7 |
| 58 | Dawes | 2.5 | 5.2 | 82 | Merrick | 2.2 | 3.9 |
| 59 | Antelope | 2.5 | 3.5 | 83 | Deuel | 2.2 | 1.0 |
| 60 | Pierce | 2.5 | 4.1 | 84 | Colfax | 2.1 | 5.5 |
| 61 | Seward | 2.4 | 8.7 | 85 | Sheridan | 2.1 | 2.7 |
| 62 | Lancaster | 2.4 | 169.5 | 86 | Hamilton | 2.1 | 4.6 |
| 63 | Harlan | 2.4 | 1.7 | 87 | Cedar | 2.1 | 4.4 |
| 64 | York | 2.4 | 7.3 | 88 | Polk | 2.1 | 2.8 |
| 65 | Boone | 2.4 | 2.9 | 89 | Thayer | 2.1 | 2.8 |
| 66 | Wayne | 2.4 | 5.6 | 90 | McPherson | 1.9 | 0.5 |
| 67 | Rock | 2.4 | 0.9 | 91 | Custer | 1.9 | 6.3 |
| 68 | Keya Paha | 2.4 | 0.7 | 92 | Chase | 1.8 | 2.3 |
| 69 | Dundy | 2.3 | 1.2 | 93 | Perkins | 1.6 | 1.8 |
| 70 | Jefferson | 2.3 | 4.1 | | | | |

Source: Bureau of Labor Statistics/Haver Analytics

Payroll Employment

Seasonally Adjusted

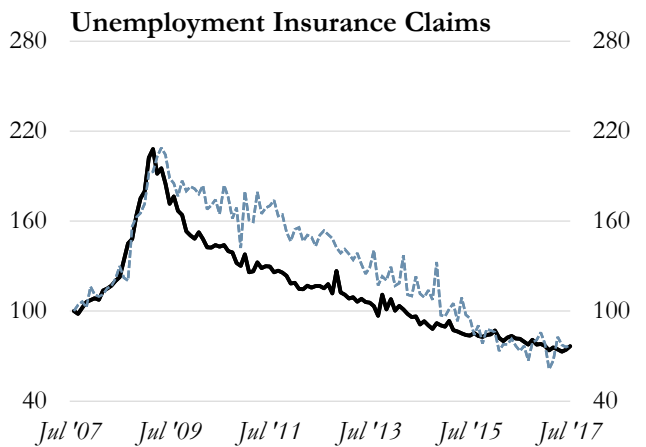
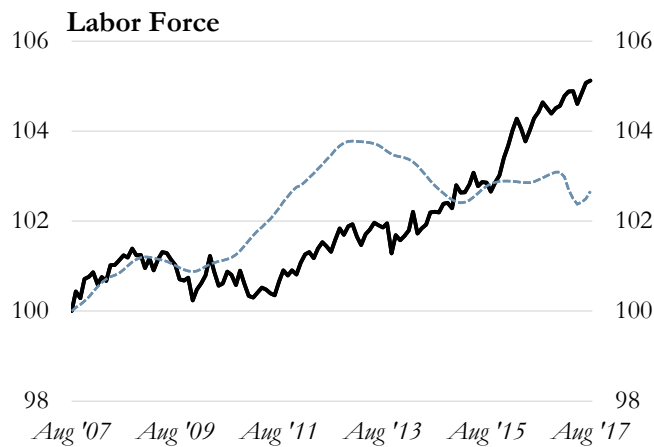
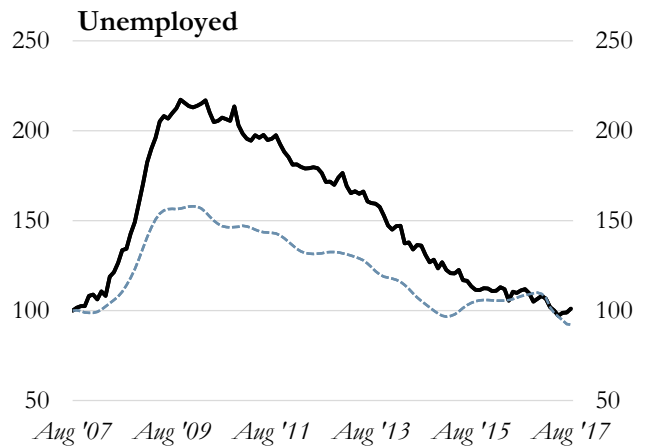
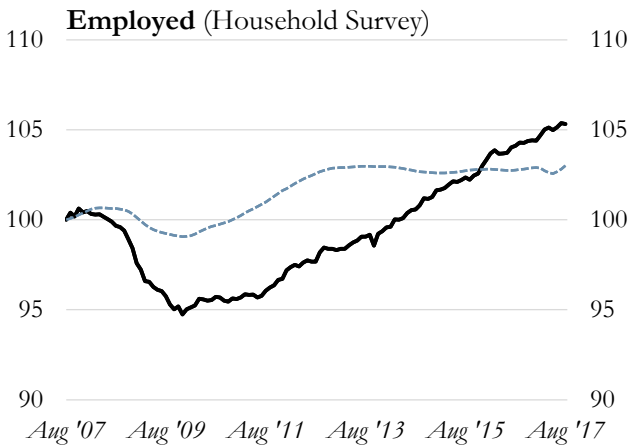


— United States
- - - Nebraska

| August 2017 | | |
|--------------------------------------|---------------|----------|
| | United States | Nebraska |
| Jobs (Thousands) | 146,730.0 | 1,027.1 |
| Change from Last Year (Thousands) | 2,097.0 | 13.5 |
| Share of U.S. Employment | | 0.7% |

Labor Force Dynamics

Ten-Year Index of Growth, Seasonally Adjusted

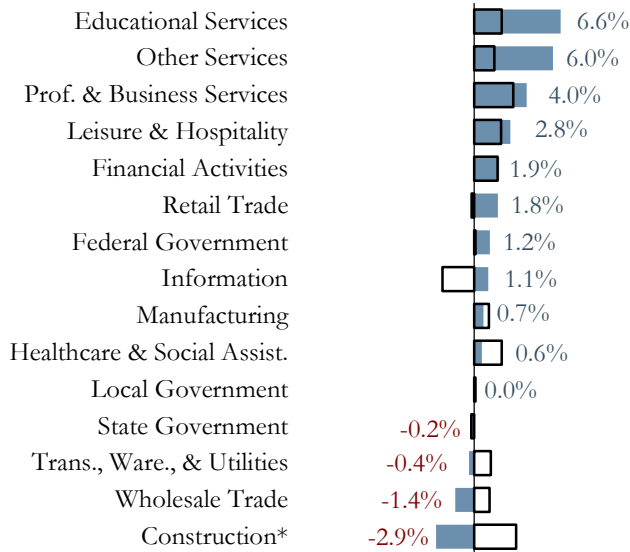


Source: Bureau of Labor Statistics & Department of Labor/Haver Analytics

Payroll Employment by Industry

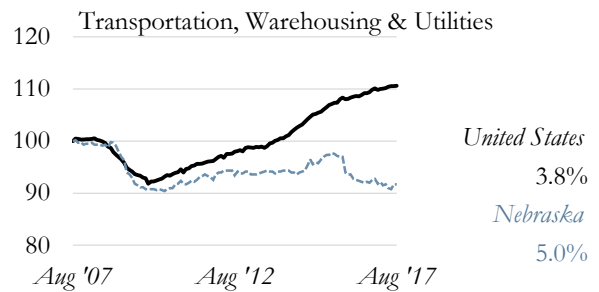
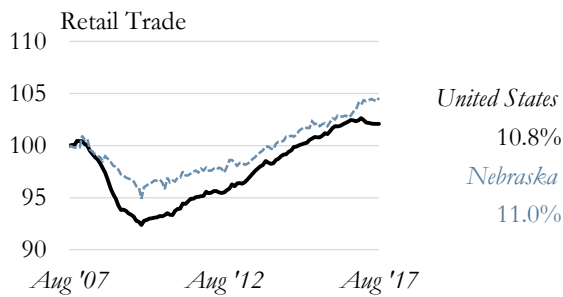
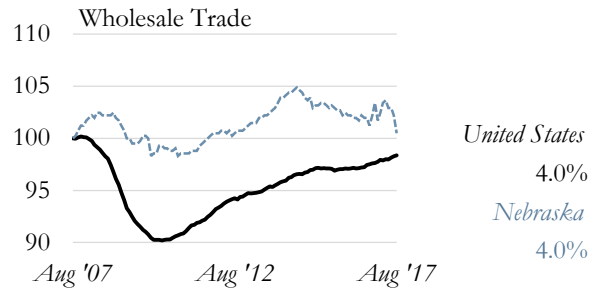
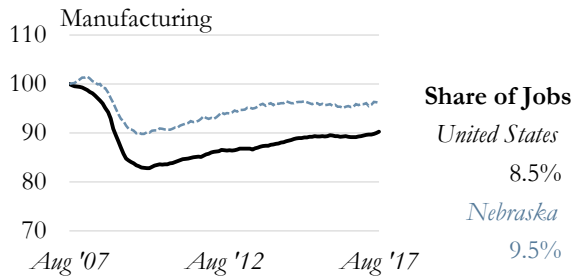
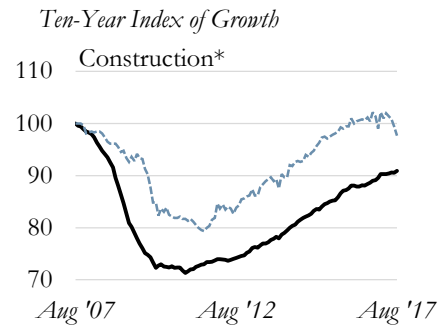
Seasonally Adjusted

August 2017 *Percent Change Year-over-Year*



*Construction includes natural resources and mining employment in Nebraska.

— United States
 - - - Nebraska

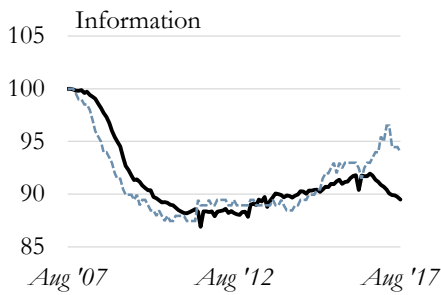


Source: Bureau of Labor Statistics/Haver Analytics

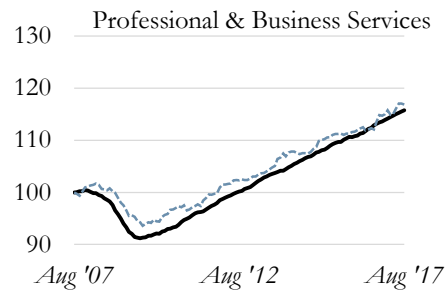
Payroll Employment by Industry

Ten-Year Index of Growth, Seasonally Adjusted

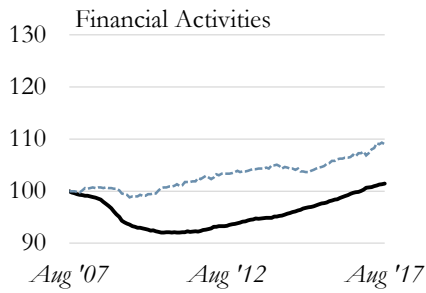
— United States
 - - - Nebraska



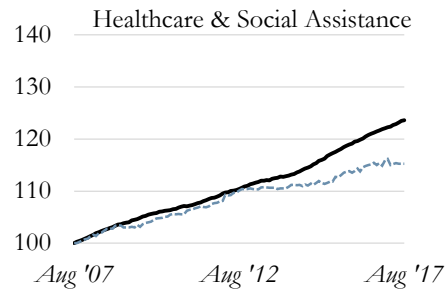
Share of Jobs
 United States 1.8%
 Nebraska 1.8%



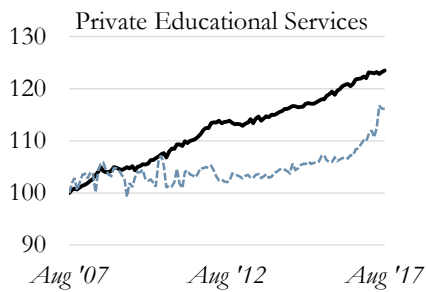
Share of Jobs
 United States 14.2%
 Nebraska 11.9%



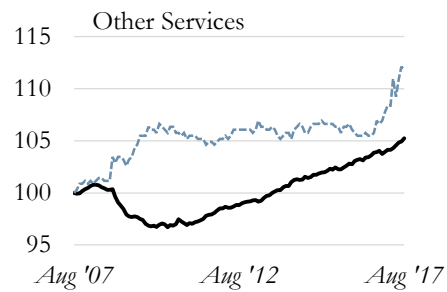
Share of Jobs
 United States 5.8%
 Nebraska 7.3%



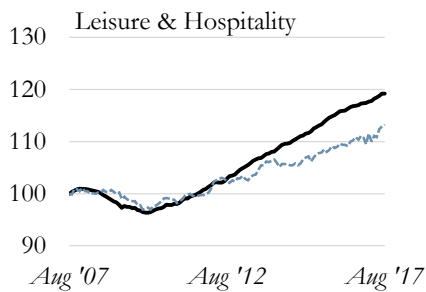
Share of Jobs
 United States 13.3%
 Nebraska 13.1%



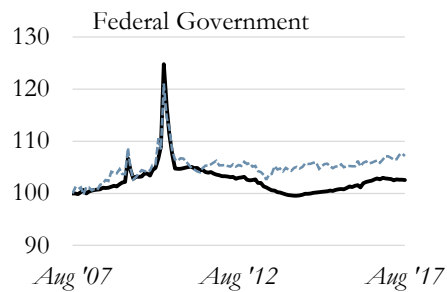
Share of Jobs
 United States 2.5%
 Nebraska 1.9%



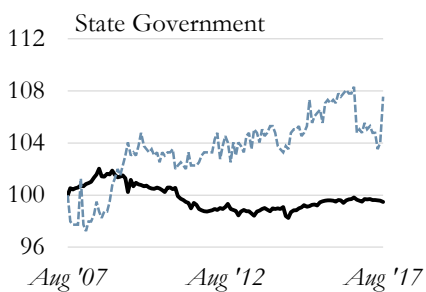
Share of Jobs
 United States 3.9%
 Nebraska 3.8%



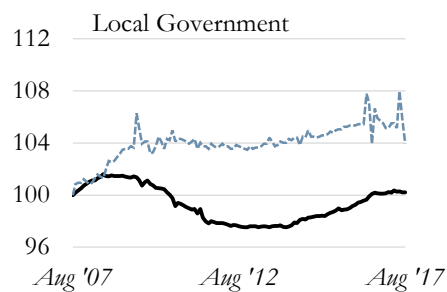
Share of Jobs
 United States 10.9%
 Nebraska 9.1%



Share of Jobs
 United States 1.9%
 Nebraska 1.7%



Share of Jobs
 United States 3.5%
 Nebraska 4.2%

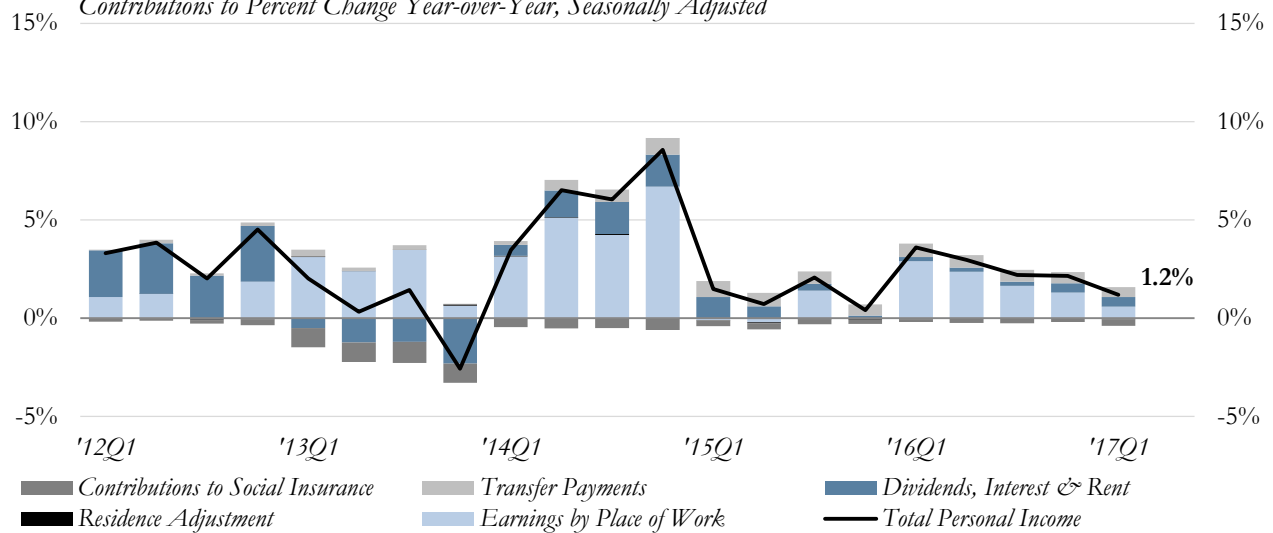


Share of Jobs
 United States 9.8%
 Nebraska 10.8%

Source: Bureau of Labor Statistics/Haver Analytics

Nebraska Nominal Personal Income Growth

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

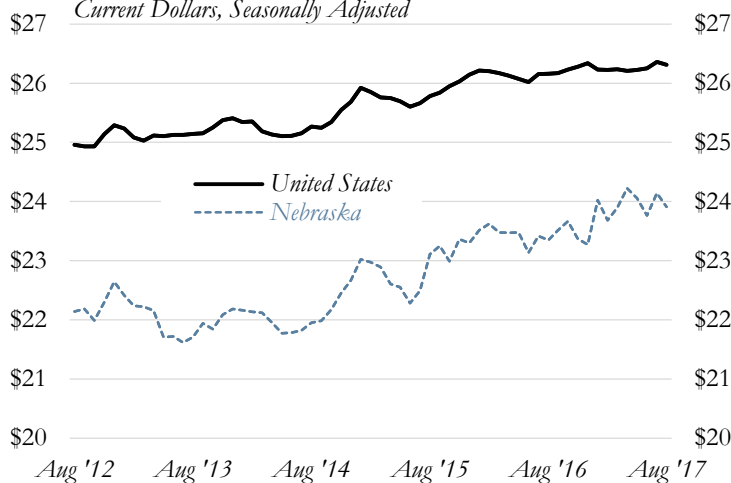


| 2017Q1 | Percent Change Year-over-Year | | Share of Personal Income | |
|---------------------------------|-------------------------------|-------------|--------------------------|----------|
| | United States | Nebraska | United States | Nebraska |
| Total Personal Income | 3.1% | 1.2% | | |
| Earnings by Place of Work | 3.4% | 0.8% | 71.1% | 75.8% |
| Social Insurance Contributions* | -4.6% | -4.2% | -7.9% | -8.2% |
| Residence Adjustment | | 4.7% | | -1.0% |
| Dividends, Interest & Rent | 2.6% | 2.7% | 19.4% | 18.3% |
| Transfer Payments | 3.4% | 3.4% | 17.4% | 15.2% |

*Subtracted from personal income.

Real Average Hourly Wage

Current Dollars, Seasonally Adjusted

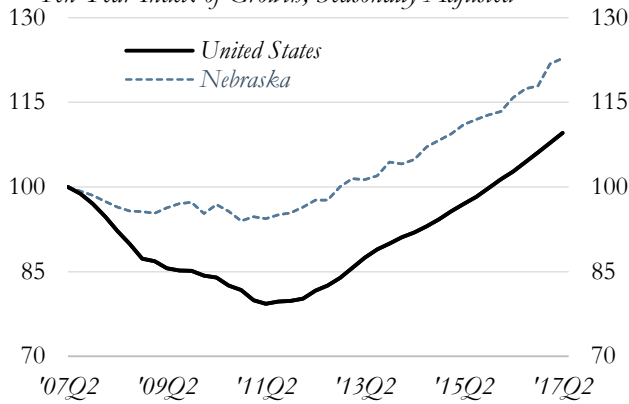


| August 2017 | | |
|-------------------------|---------------|----------|
| Average Hourly Wage | United States | Nebraska |
| | \$26.31 | \$23.91 |
| <i>Real Change from</i> | | |
| Last Month | -0.2% | -1.0% |
| Last Year | 0.6% | 2.4% |

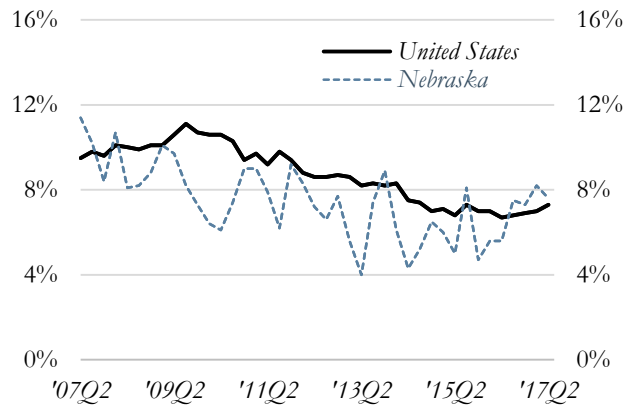
Source: Bureau of Economic Analysis & Bureau of Labor Statistics/Haver Analytics

FHFA Purchase-Only Home Price Index

Ten-Year Index of Growth, Seasonally Adjusted

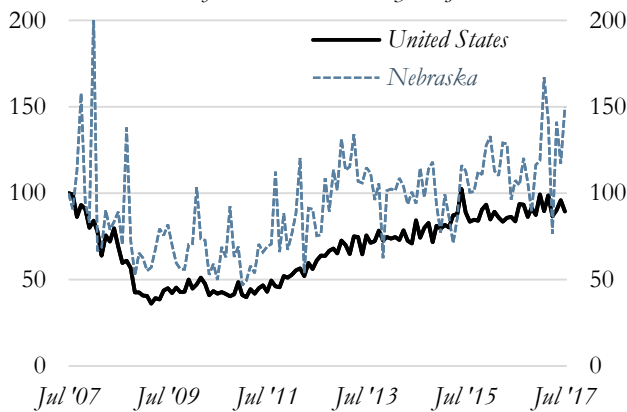


Rental Vacancy Rates



Housing Permits

Ten-Year Index of Growth, Seasonally Adjusted

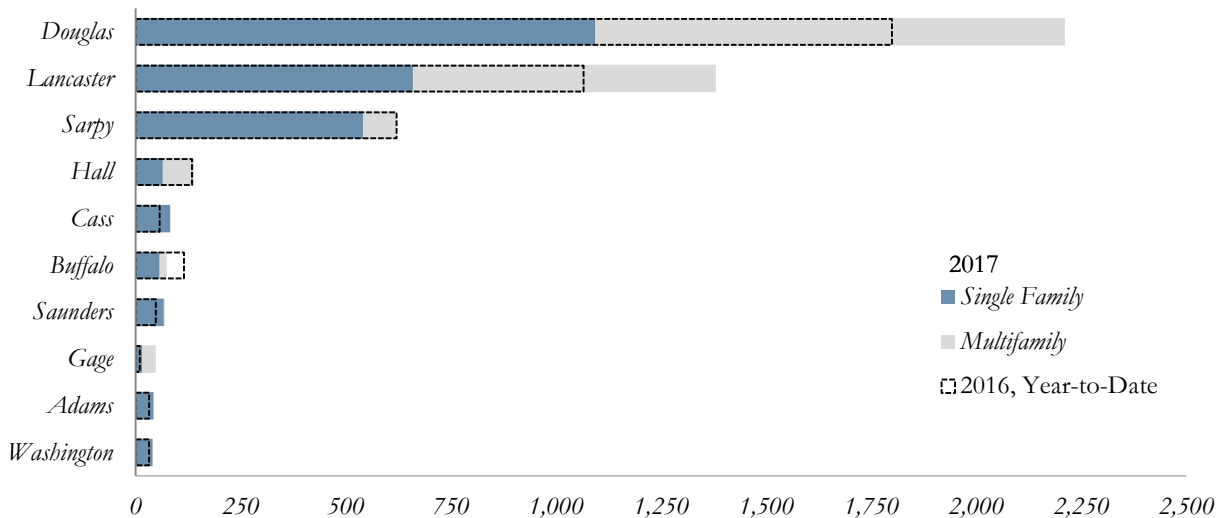


| Summary Statistics | | |
|-------------------------|---------------|----------|
| | United States | Nebraska |
| Prices (2017Q2)* | 6.6% | 6.0% |
| Vacancy Rates (2017Q2) | 7.3% | 7.6% |
| Permits (Year-to-Date)* | | |
| Single Family | 10.9% | 4.1% |
| Multifamily | 2.1% | 25.4% |

*Percent change year-over-year.

Top 10 Nebraska Counties for Permit Activity

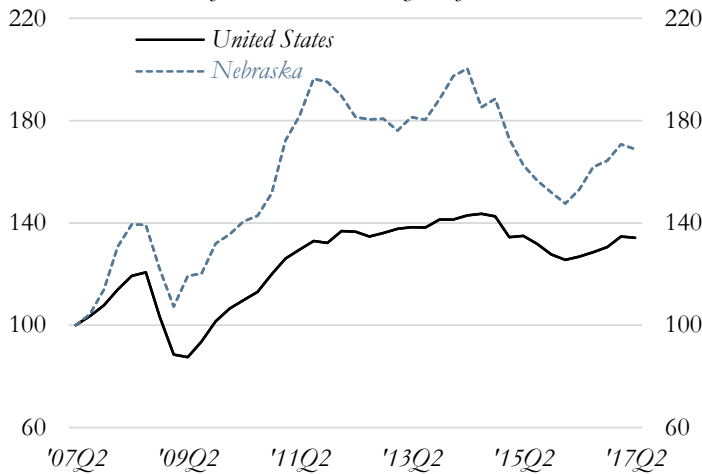
Year-to-Date through July



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

Global Exports

Ten-Year Index of Growth, Seasonally Adjusted

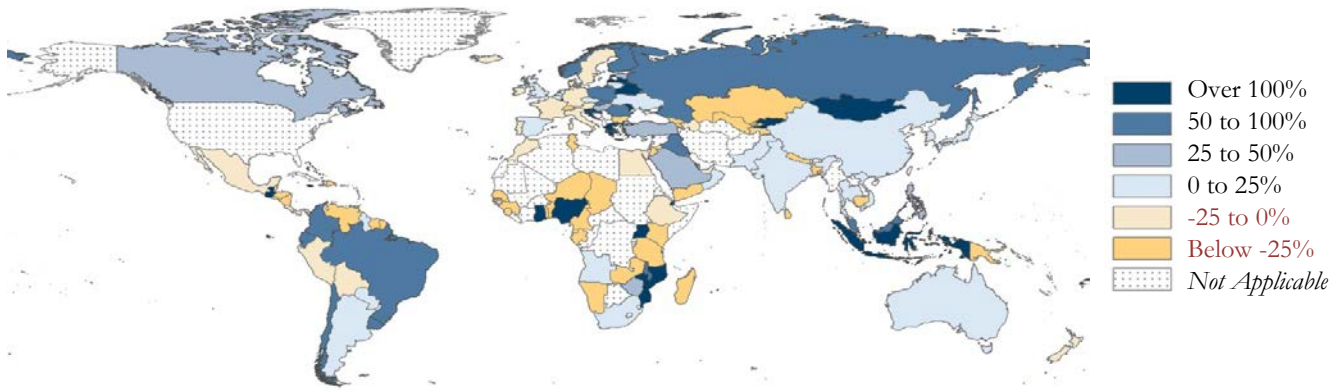


| 2017Q2 | | |
|--------------------------|---------------|-----------|
| | United States | Nebraska |
| Exports (Millions) | \$381,219.5 | \$1,717.5 |
| <i>Change from</i> | | |
| Last Quarter | -0.4% | -1.1% |
| Last Year (year-to-date) | 6.5% | 13.0% |
| Share of U.S. Activity | | 0.5% |

| 2016 | | |
|-----------------------------|---------------|----------|
| Exports as a Percent of GDP | United States | Nebraska |
| | 7.8% | 5.5% |

Nebraska Exports Year-to-Date through 2017Q2

Percent Change Year-over-Year



| Top Markets | Share |
|---------------|-------|
| 1 Canada | 22.9% |
| 2 Mexico | 20.7 |
| 3 China* | 10.6 |
| 4 Japan | 10.2 |
| 5 South Korea | 5.6 |
| 6 Australia | 3.4 |
| 7 Belgium | 2.4 |
| 8 Germany | 2.0 |
| 9 Netherlands | 2.0 |
| 10 France | 1.6 |

| Top Exports | Share |
|----------------------------------|-------|
| 1 Food | 38.7% |
| 2 Agriculture & Livestock | 13.9 |
| 3 Machinery (Except Electrical) | 13.0 |
| 4 Chemicals & Rare Earth Metals | 9.9 |
| 5 Transportation Equip. | 4.3 |
| 6 Oil & Gas | 3.2 |
| 7 Misc. Manufactures | 3.0 |
| 8 Computers & Electronics | 2.8 |
| 9 Electronic Equip. & Appliances | 2.6 |
| 10 Fabricated Metal Products | 1.8 |

*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 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: 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

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