March

THE UNIVERSITY OF UTAH

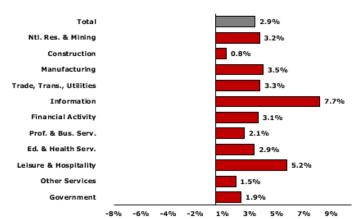
Employment

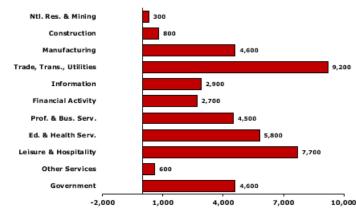
Employment Change—Utah's nonagricultural employment increased an estimated 2.9%, or 43,700 jobs, between February 2018 and February 2019. Nationally, employment increased 1.7%, or 2.5 million jobs, between February 2018 and February 2019.

Unemployment—Utah's unemployment rate was 3.0% in February 2019, slightly lower than the February 2018 rate of 3.1%. The national unemployment rate was 3.8% in February 2019, lower than the February 2018 rate of 4.1%.

Percent Change in Utah Employment by Industry: Feb 2018 to Feb 2019

Numerical Change in Utah Employment by Industry: Feb 2018 to Feb 2019





Source: U.S. Bureau of Labor Statistics

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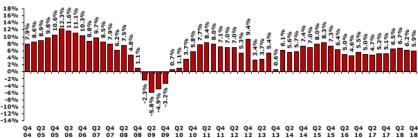
Wages and Income

Total Personal Income—Utah's total personal income reached \$146.0 billion* in the fourth quarter of 2018, rising 5.9% from the fourth quarter of 2017. Utah's growth ranked 7th in the nation. Nationally, personal income increased 3.8% over the same period.

Income Per Capita—Utah's per capita personal income grew 4.4% to reach \$45,340 in 2018. Per capita personal income for the nation in 2018 was \$53,712, a year-over-year increase of 3.8%.

*seasonally adjusted at an annual rate Source: Bureau of Economic Analysis

Utah Year-Over Growth in Quarterly Personal Income



Source: Bureau of Economic Analysis

GDP, CPI, Interest Rates, and Home Prices

Interest Rates—The 30-year fixed-rate mortgage averaged 4.28% for the week ending March 21, 2019 according to Freddie Mac. This was a 0.07 percentage point decrease from the week ending February 21, 2019.

Home Prices—According to the Federal Housing Finance Agency (FHFA) House Price Appreciation Ranking, Utah's house prices were up 9.8% in the fourth quarter of 2018 from the fourth quarter of 2017.

Foreclosure Rates—At the end of the fourth quarter of 2018, Utah ranked 2nd lowest with 0.31% of all loans in foreclosure.

| Indicator | Period | Value | Period | Value |
|---|---------------|-------|--------------|-------|
| GDP | Q4-18 Annual | 3.08% | Since Q3-18 | 0.64% |
| CPI | Feb-19 Annual | 1.50% | Since Jan-19 | 0.17% |
| CPI-core | Feb-19 Annual | 2.08% | Since Jan-19 | 0.11% |
| Note: CPI-core excludes Food and Energy; National GDP and CPI Source: Bureau of Economic Analysis; U.S. Bureau of Labor Statistics | | | | |

Home Prices: Fourth Quarter 2018 Over Fourth Quarter 2017

| | Realtors | | FHFA | |
|--------------------------|-------------|--------|--------|-----------|
| | | | | Purchase- |
| | Median | | HPI | Only |
| | Sales Price | Change | Change | Change |
| Logan, UT-ID MSA | \$272,168 | 8.5% | 8.5% | na |
| Ogden-Clearfield, UT MSA | \$312,718 | 11.2% | 11.2% | na |
| Provo-Orem, UT MSA | \$361,348 | 11.4% | 11.4% | na |
| Salt Lake City, UT MSA | \$340,341 | 8.9% | 10.6% | 9.0% |
| St. George | \$346,153 | 10.7% | 10.7% | na |
| Utah | \$342,548 | 10.2% | 10.6% | 9.8% |
| U.S. | \$268,219 | 5.0% | 6.0% | 5.7% |

Note: The median price is for existing single family homes, seasonally adjusted, from Economy.com. Home price data from the FHFA is limited to conventional mortgages guaranteed by Fannie Mae or Freddie Mac. The House Price Index includes purchases and refinances, while the Purchase-Only Index excludes refinances. NAR and FHFA data is Moody's analytics adjusted.

Source: National Association of Realtors; Federal Housing Finance Agency

Utah Rankings

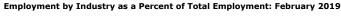
| Demographic | State Rank ₃ | Value | Year |
|----------------------------------|-------------------------|-------|------|
| Population Growth Rate | 3rd | 1.9% | 2018 |
| Total Fertility Rate | 2nd | 2.12 | 2017 |
| Life Expectancy | 10th | 80.2 | 2010 |
| Median Age | 1st | 30.9 | 2017 |
| Household Size | 1st | 3.14 | 2017 |
| Social Indicators | | | |
| Poverty Rate | 6th | 9.7% | 2017 |
| Educational Attainment | | | |
| Persons 25+ w/high school degree | 8th | 91.8% | 2017 |
| Persons 25+ w/bachelor's degree | 15th | 32.5% | 2017 |

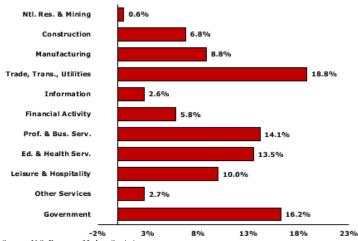
| Economic | State Rank ₃ | Value | Period |
|------------------------------------|-------------------------|----------|---------------|
| Employment Change _{1,2,4} | 2nd | 2.9% | Feb-19 Annual |
| Unemployment Rate _{1,2} | 11th | 3.0% | Feb-19 |
| Median Household Income | 11th | \$71,319 | 2017 |
| Per Capita Personal Income | 41st | \$45,340 | 2018 |
| Total Personal Income (% Change) | 7th | 5.9% | Q4-18 Annual |

Notes: 1. Rankings are based on the most recent data available for all states; may differ from other data.

- Job growth and unemployment rates are based on seasonally adjusted data from the Bureau of Labor Statistics and may differ from estimates published by other sources.
- 3. Rank is most favorable to least favorable.
- 4. Employment change based on nonfarm employment totals

Percent of Total Gross Domestic Product by Industry: 2017 Ntl. Res. & Mining 2.8% Construction 5.3% Manufacturing Trade, Trans., Utilities 17.7% Information 5.8% Financial Activity Prof. & Bus. Serv. 11.6% Ed. & Health Serv. Leisure & Hospitality Other Services Government 12.1% 10% 15% 20% 25%

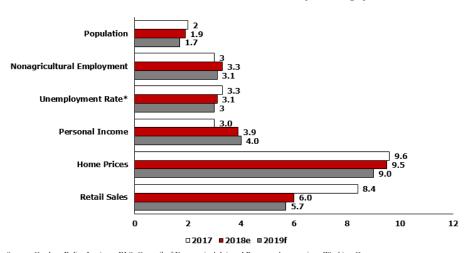




Source: U.S. Bureau of Labor Statistics

Source: Bureau of Economic Analysis **Economic Outlook**

Utah Economic Indicators: 2017-2019 (% Change)



Source: Gardner Policy Institute; BLS; Council of Economic Advisors' Revenue Assumptions Working Group e= estimate f= forecast *= for year

2018 Overview—The Utah economy exceeded expectations in 2018, adding a total of 48,500 new jobs over the year. An annual employment growth rate of 3.3% is on par with the state's long-term average and is among the strongest in the nation. A tightening labor market (3.1 percent unemployment) applied upward pressure on personal income. Annual income per capita increased to \$45,174, a 3.9 percent increase from last year.

Outlook 2019—The consensus forecast predicts moderating—but still healthy—job and wage growth, and low unemployment. Internal risks to the Utah economy include the supply of workers, increasing interest rates, housing affordability, and air quality. The nation is entering a late business cycle which may also present challenges. Demographic advantages, an appealing business climate, and increasing labor force participation will continue to be an advantage for the economy. All going well, Utah will once again be one of the top-performing economies in the nation in 2019.

Demographics

Population—The Census Bureau estimates that Utah's population increased by 57,987 persons from July 2017 to July 2018, with total population rising to 3,161,105. This is a year-over-year growth rate of 1.9 percent, third highest in the nation after Nevada and Idaho. The total 2018 population count for the United States is 327,167,434. This represents a population increase of 2,020,313 individuals, or 0.6% from 2017.

The Utah Population Committee estimates that Utah's population increased by 52,664 persons from July 2017 to July 2018. This is similar (0.1 percent less) to the Census Bureau estimate.

| | Utah | United States |
|--------------------------|-----------|---------------|
| 2017 Estimate | 3,103,118 | 325,147,121 |
| 2018 Estimate | 3,161,105 | 327,167,434 |
| 2017-2018 Percent Change | 1.9% | 0.6% |
| 2017-2018 Numeric Change | 57,987 | 2,020,313 |

Source: U.S. Census Bureau