September

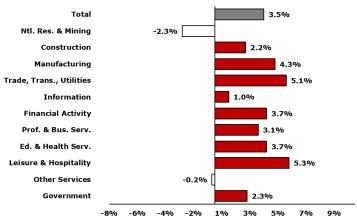
Kem C. Gardner POLICY INSTITUTE THE UNIVERSITY OF UTAH

Employment

Employment Change—Utah's nonagricultural employment increased an estimated 3.5%, or 51,900 jobs, between August 2017 and August 2018. Nationally, employment increased 1.6%, or 2.3 million jobs, between August 2017 and August 2018.

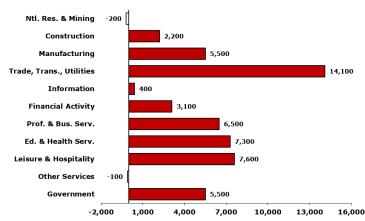
Unemployment—Utah's unemployment rate was 3.1% in August 2018, lower than the August 2017 rate of 3.2%. The national unemployment rate was 3.9% in August 2018, lower than the August 2017 rate of 4.4%.

Percent Change in Utah Employment by Industry: August 2017 to August 2018



-8% -6%
Source: U.S. Bureau of Labor Statistics

Numerical Change in Utah Employment by Industry: August 2017 to August 2018



Source: U.S. Bureau of Labor Statistics

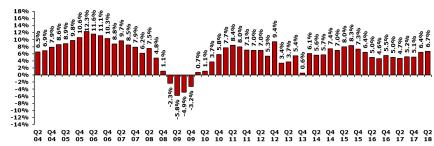
Wages and Income

Total Personal Income—Utah's total personal income reached \$142.2 billion* in the second quarter of 2018, rising 6.7% from the second quarter of 2017. Utah ranked 1st in the nation. Nationally, personal income increased 4.6% over the same period.

Income Per Capita—Utah's per capita personal income grew 2.5% to reach \$42,043 in 2017. Per capita personal income for the nation in 2017 was \$50,392, a year-over-year increase of 2.4%.

*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 (FRM) averaged 4.72% for the week ending September 27, 2018 according to Freddie Mac.

Home Prices—According to the Federal Housing Finance Agency (FHFA) House Price Appreciation Ranking, Utah's house prices were up 11.31% in the second quarter of 2018 from second quarter of 2017.

Foreclosure Rates—At the end of the second quarter of 2018, Utah ranked 2nd lowest with 0.34% of all loans in foreclosure.

Indicator	Period	Value	Period	Value
GDP	Q2-18 Annual	2.87%	Since Q1-18	1.02%
CPI	August-18 Annual	2.68%	Since July-18	0.22%
CPI-core	August-18 Annual	2.19%	Since July-18	0.08%
Note: CPI-core excludes Food and Energy; National GDP and CPI Source: Bureau of Economic Analysis; U.S. Bureau of Labor Statistics				

Home Prices: Second Quarter 2018 Over Second Quarter 2017

	Realtors		F	FHFA	
				Purchase-	
	Median		HPI	Only	
	Sales Price	Change	Change	Change	
Logan, UT-ID MSA Ogden-Clearfield, UT MSA Provo-Orem, UT MSA Salt Lake City, UT MSA St. George	\$264,428 \$279,237 \$343,039 \$321,707 \$300,336	8.9% 10.2% 9.7% 13.1% 11.3%	7.2% 8.7% 8.1% 8.5% 8.7%	na na na 11.8% na	
Utah U.S.	\$318,634 \$264,043	11.4% 7.9%	8.5% 6.3%	11.3% 6.5%	

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

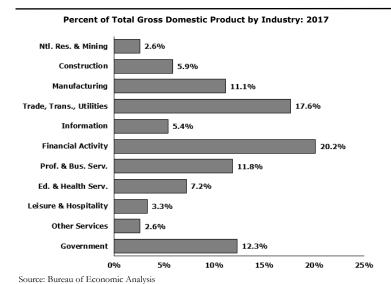
Utah Rankings

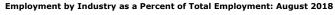
Demographic	State Rank ₃	Value	Year
Population Growth Rate	3rd	1.9%	2017
Fertility Rate	2nd	2.24	2016
Life Expectancy	10th	80.2	2010
Median Age	1st	30.9	2017
Household Size	1st	3.19	2016
Social Indicators			
Poverty Rate	7th	10.2%	2016
Educational Attainment			
Persons 25+ w/high school degree	12th	91.7%	2016
Persons 25+ w/bachelor's degree	18th	32.6%	2016

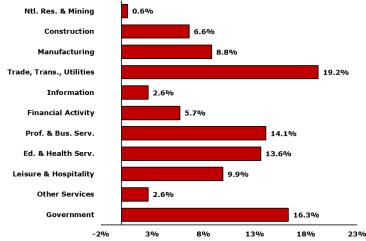
Economic	State Rank ₃	Value	Period
Employment Change _{1,2,4}	1st	3.5%	August-18 Annual
Unemployment Rate _{1,2}	13th	3.1%	August-18
Median Household Income	12th	\$71,319	2017
Per Capita Personal Income	42nd	\$42,043	2017
Total Personal Income (% Change)	1st	6.7%	Q2-18 Annual

lotes: 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.



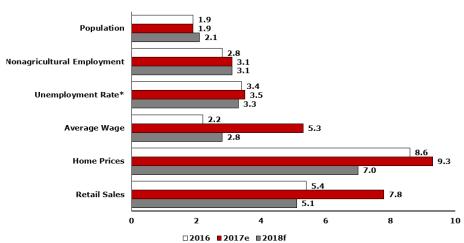




Source: U.S. Bureau of Labor Statistics

Economic Outlook





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

Overview of the Economy—The Utah economy remains healthy. Every major industrial sector expanded in 2017, contributing a total of 43,500 new jobs over the year. An annual employment growth rate of 3.1% is on par with the state's long-term average and is among the strongest in the nation. In 2017, Utah's construction sector posted the highest job growth with 5.4%.

Outlook 2018—The consensus forecast predicts moderating—but still healthy—job and wage growth, low unemployment, and increased net migration in 2018. 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 2018.

Demographics

Population—Utah Population Committee estimates that Utah's population increased by 59,045 persons from July 2016 to July 2017 with total population rising to 3,114,039. Utah's population growth rate of 1.9% between 2016 and 2017 is the third highest in the nation. Utah also had the highest natural increase in America at 11.4 per 1,000 population for the same period. The total 2017 population count for the United States is 325,719,178. This represents a population increase of 2,313,243 people, or 0.7% from 2016.

The Population Estimate for 2018 will be available in December 2018.

	Utah	United States
2016 Estimate	3,054,994	323,405,935
2017 Estimate	3,114,039	325,719,178
2016-2017 Percent Change	1.9%	0.7%
2016-2017 Numeric Change	59,045	2,313,243

Source: U.S. Census Bureau; Utah Population Committee