Utah Economic Indicators

- Unemployment Rate: 2013 - 2014e - 2015f
- Average Pay: 2013 - 2014e - 2015f
- Retail Sales: 2013 - 2014e - 2015f

Source: Council of Economic Advisors' Revenue Assumptions Committee
Percent Change in Utah Employment by Industry: 2014-2015 Annual Averages

Source: Utah Department of Workforce Services  e = estimate  f = forecast
Percent Change in Population for States: 2011 to 2012

U.S. Rate = 0.7%

Source: U.S. Census Bureau
Figure 1.1
Annual Unemployment Rate for Utah and the United States

Sources: Utah Department of Workforce Services
Figure 1.2
State of Utah Components of Population Change

Sources: Utah Population Estimates Committee, U.S. Census Bureau, State of Utah Revenue Assumptions Working Group
Figure 1.3
Revenue Collections

Source: Utah State Tax Commission and Governor's Office of Management and Budget
Figure 1.4
Utah Residential Construction Activity

Source: University of Utah, David Eccles School of Business, Bureau of Economic and Business Research
Figure 2.1
United States Annual Deficits

Source: Congressional Budget Office
Figure 2.2
United States Real GDP Growth

Source: Bureau of Economic Analysis & State of Utah Revenue Assumptions Working Group
Figure 3.1
Labor Force Participation Rate

Figure 3.2
Venture Capital Investments by State

Source: CB Insights
Figure 3.3
Terminal Redevelopment Annual Expenditures

Source: Salt Lake City International Airport
Figure 4.1
Utah Population Growth Rates by County: 2012 to 2013

State of Utah = 1.6%

- Increase of 4.1% or greater
- Increase of 2.8% to 4.0%
- Increase of 1.4% to 2.7%
- Increase of 0.0% to 1.3%
- Population Loss

Source: U.S. Census Bureau
Figure 4.2
State of Utah Components of Population Change

Source: Utah Population Estimates Committee, U.S. Census Bureau, State of Utah Revenue Assumptions Working Group
Figure 4.8
Total Fertility for Utah and the United States

Note: The Replacement Level is the fertility level at which the current population is replaced
Source: National Center for Health Statistics
Figure 5.1
Annual Average Job Growth Rate for Utah and the United States

Sources: Utah Department of Workforce Services
Figure 5.2
Annual Unemployment Rate for Utah and the United States

Sources: Utah Department of Workforce Services
Figure 5.3
Annual Average Unemployment Rate and Wage Growth

Sources: Utah Department of Workforce Services
Figure 6.1
Utah Per Capita Income as Percent of U.S. Per Capita Income

Source: Bureau of Economic Analysis
Figure 6.2
Utah vs. U.S. Total Personal Income Growth

Source: Bureau of Economic Analysis
Figure 7.1
Percent of GDP by Industry: 2013

Source: Bureau of Economic Analysis
Figure 7.2
Utah vs. United States Real GDP Growth

Source: Bureau of Economic Analysis
Figure 8.1
Percent Change in Utah Taxable Sales by Component

Source: Utah State Tax Commission
The annual average rate of growth in inflation-adjusted unrestricted revenues (GDP Deflator) from FY1975 to FY2014 was 3.9%.

Source: Utah State Tax Commission  f = forecast
Figure 9.2
Actual and Inflation-Adjusted Unrestricted Revenue Surplus/Deficit for the General and Education Fund

Source: Governor’s Office of Management and Budget
Figure 9.3
Sales Tax, Income Tax, and All Other Unrestricted Revenues as a Percent of Total State Unrestricted Revenues

*Total State Unrestricted Revenues includes General Fund, Education Fund, and Transportation Fund revenues. Mineral lease revenues are not included. The "Others" category includes all other revenue sources in those funds except for Sales and Income tax.

Source: Utah State Tax Commission and Governor's Office of Management and Budget
Figure 10.1
Utah Merchandise Exports

Source: U.S. Census Bureau
Figure 10.2
Utah Merchandise Exports of Top Ten Export Industries

<table>
<thead>
<tr>
<th>Industry</th>
<th>2013</th>
<th>2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Metals</td>
<td>8,318</td>
<td>12,179</td>
</tr>
<tr>
<td>Computers and Electronics</td>
<td>2,567</td>
<td>2,038</td>
</tr>
<tr>
<td>Food</td>
<td>956</td>
<td>817</td>
</tr>
<tr>
<td>Chemicals</td>
<td>831</td>
<td>799</td>
</tr>
<tr>
<td>Transportation Equipment</td>
<td>817</td>
<td>811</td>
</tr>
<tr>
<td>Miscellaneous Manufactures</td>
<td>562</td>
<td>505</td>
</tr>
<tr>
<td>Machinery</td>
<td>559</td>
<td>607</td>
</tr>
<tr>
<td>Electrical Equipment</td>
<td>252</td>
<td>179</td>
</tr>
<tr>
<td>Fabricated Metals</td>
<td>236</td>
<td>220</td>
</tr>
<tr>
<td>Minerals</td>
<td>173</td>
<td>266</td>
</tr>
</tbody>
</table>

Source: U.S. Census Bureau
### Figure 10.3
Utah Merchandise Exports to Top Ten Purchasing Countries

<table>
<thead>
<tr>
<th>Country</th>
<th>2013 Dollars</th>
<th>2012 Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hong Kong</td>
<td>5,529</td>
<td>4,178</td>
</tr>
<tr>
<td>China</td>
<td>1,412</td>
<td>1,324</td>
</tr>
<tr>
<td>Canada</td>
<td>1,293</td>
<td>608</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>835</td>
<td>507</td>
</tr>
<tr>
<td>Thailand</td>
<td>644</td>
<td>547</td>
</tr>
<tr>
<td>Singapore</td>
<td>628</td>
<td>563</td>
</tr>
<tr>
<td>Japan</td>
<td>547</td>
<td>488</td>
</tr>
<tr>
<td>Mexico</td>
<td>477</td>
<td>533</td>
</tr>
<tr>
<td>Taiwan</td>
<td>341</td>
<td>239</td>
</tr>
<tr>
<td>South Korea</td>
<td>239</td>
<td>1,918</td>
</tr>
</tbody>
</table>

*Source: U.S. Census Bureau*
Figure 10.4
Utah Exports: With and Without Gold

Source: U.S. Census Bureau
In 1960, $1.00 could buy the same amount of goods as $8.00 can today.
Figure 12.1
Three-Year Average Annual Population Growth Rate: 2011-2013

Source: U.S. Census Bureau
Figure 12.3
Average Annual GDP Growth Rate: 2010-2013

Source: U.S. Bureau of Economic Analysis
Figure 12.7
Workers per Household and per Family: 2013

Source: U.S. Bureau of Economic Analysis
Figure 12.8
Average Annual Employment Growth Rate: 2010-2013

Source: U.S. Bureau of Labor Statistics
Figure 13.1
2014 Kids Count Data Book: Overall Ranking

Source: Annie E. Casey Foundation
Figure 15.1
Utah Public Education Enrollment

Source: Utah State Office of Education, Finance and Statistics  f = forecast
Figure 15.2
Percent Change in Public Education Enrollment: 1977-2014

Source: Utah State Office of Education, Finance and Statistics
Figure 15.5
Largest Enrollment in Utah: 2014

Source: Utah State Office of Education, Finance and Statistics
Figure 15.6
Fastest Growing Enrollment in Utah from 2013 to 2014

Source: Utah State Office of Education, Finance and Statistics
Figure 15.8
Kindergarten Enrollment and Five Years Prior Births

Source: State Office of Education, Finance and Statistics and Interagency Common Data Committee (projections model)
Figure 15.9
FY1994-2014 US and Utah per Pupil Current Expenditures

Note: Figures are adjusted for inflation using FY2013 CPI.
Figure 15.10
FY2011 Current Expenditures per Pupil

Note: Figures are adjusted for inflation using FY2014 CPI
Figure 15.11
FY2011 Current Expenditures as a Percent of Personal Income

Note: Figures are adjusted for inflation using FY2014 CPI
Figure 15.15
FY2013 Total Enrollment and Current Expenditures per Pupil

Note: Figures are adjusted for inflation using FY2014 CPI
Figure 16.2
Difference in Median Annual Earnings of College and High School Graduates Ages 25 to 32 (in 2012 dollars)

Figure 16.3
Utahn’s Wage Earnings and Unemployment by Educational Attainment

*Unemployment and Poverty rates for Graduate or Professional Degree are USHE estimates.
Source: USHE, US Census (American Communities Survey), Department of Workforce Services, 2013.
Figure 16.4
Amount of Time (mins/day) Mothers Spend with Children under age 18 by Employment Status and Education Level: 2003 – 2012

Source: American Time Use Survey in Building Utah’s Wealth through Higher Education, USHE 2014
Figure 16.6
Volunteer Rates by Educational Attainment, Age 25 & Over

Figure 16.10
Low Student Debt and Default Rates

52% of Utah college students borrow for college.

Source: Project on Student Debt
Figure 17.1
Average Annual Price Received in Major Utah Agricultural Sectors

Source: U.S. Department of Agriculture
Figure 17.2
Farmer Share of Food Spending

Source: U.S. Department of Agriculture
Figure 18.1
Utah Residential Construction Activity

Source: University of Utah, David Eccles School of Business, Bureau of Economic and Business Research
Figure 18.2
Value of New Construction

Source: University of Utah, David Eccles School of Business, Bureau of Economic and Business Research
Figure 19.1
Utah's Crude Oil Production, Pipeline Imports, and Refinery Receipts Plotted with Wellhead Price

Source: Utah Geological Survey; Utah Division of Oil, Gas, and Mining; U.S. Energy Information Administration
Figure 19.3
Utah's Petroleum Product Production and Consumption Plotted with Motor Gasoline and Diesel Prices

Source: Utah Geological Survey; U.S. Energy Information Administration
Figure 19.5
Utah's Natural Gas Production and Consumption Plotted with Wellhead and Residential Prices

*1980-1992 = wet natural gas, which includes NG liquids; 1993-2014 = dry natural gas

Source: Utah Geological Survey; Utah Division of Oil, Gas, and Mining; U.S. Energy Information Administration
Figure 19.7
Utah's Coal Production, Consumption, and Exports Plotted with Mine Mouth Price

Source: Utah Geological Survey; U.S. Energy Information Administration
Figure 19.9
Utah's Electricity Net Generation and Consumption Plotted with End-use Residential Price

Source: Utah Geological Survey; U.S. Energy Information Administration
Figure 20.1
Total Annual Value of Utah's Nonfuel Mineral Production

Source: U.S. Geological Survey; estimate by Utah Geological Survey   e = estimate
Figure 20.2
Value of Utah’s Annual Base Metal Production

Source: Utah Geological Survey
Figure 20.3
Value of Utah’s Annual Precious Metal Production

Source: Utah Geological Survey
Figure 20.4
Value of Utah’s Annual Industrial Metal Production

Source: Utah Geological Survey
Figure 21.1
Hotel Room Rents

Source: BEBR Analysis of Utah State Tax Commission data
Figure 21.2
Utah National Park and Skier Visits

Sources: U.S. National Park Service and Ski Utah
Figure 22.1
Registered 501(c)3 Organizations by Major Purpose/Activity: September 2014

Sources: Internal Revenue Service, Exempt Organizations Business Master File (2014, Sep); The Urban Institute, National Center for Charitable Statistics
Figure 22.2
Revenue Sources of Utah 501(c)3 Organizations Filing Form 990

Sources: NCCS Core File (Public Charities, circa 2012); The Urban Institute, National Center for Charitable Statistics, http://nccsdataweb.urban.org/
Figure 22.5
Health and Education Charities Compared to the Whole Public Charity Sector

Note: Total Revenue includes all revenue reported on Part I, line 12 of Form 990. Total Expenses is the total reported from Part I, line 17 on Form 990. Total Assets includes cash, savings, property etc. reported from Part IV of Form 990. Program Services & Contracts includes revenue generated from fee for service programs and government fees and contracts.

Sources: NCCS Core File (Public Charities, circa 2012). The Urban Institute, National Center for Charitable Statistics, http://nccsdataweb.urban.org/
Figure 22.6
Growth of Revenue & Assets of 501(c)3 Public Charities in Utah: September 2014

Note: Total Assets reported is the total on IRS Form 990, line 59 or Form 990-EZ, line 25. This includes the total value of real estate, accounts, pledges and grants receivable, inventories and other assets at the end of the organization’s fiscal year. Total Revenue reported includes the total from Line 12 of Form 990, which includes all income from contributions, gifts and grants, special events, investments, program services and contracts, membership dues, sales and fees for service.

Figure 22.7
Number and Distribution of Utah Public Charities by County

Sources: Internal Revenue Service, Exempt Organizations Business Master File (501(c)(3)); The Urban Institute, National Center for Charitable Statistics
Figure 23.1
Children in Households by Marital Status of Adults

Source: Utah Department of Workforce Services
IGP = Intergenerational Poverty
Figure 23.2
Lower Educational Attainment for Intergenerational Poverty Adults

Source: Utah Department of Workforce Services     IGP = Intergenerational Poverty
Figure 23.3
Adults in Intergenerational Poverty Adult Cohort: 2013

67% of IGP Adults Worked in 2013

Source: Utah Department of Workforce Services     IGP = Intergenerational Poverty
Figure 23.4
Average Annual Wages: 2013

Source: Utah Department of Workforce Services   IGP = Intergenerational Poverty
Figure 23.5
High School Graduation Rates: SY2012

Source: Utah Department of Workforce Services  
IGP = Intergenerational Poverty
Figure 24.1
Rungs of the Economic Income and Wealth "Ladder"
Figure 24.3

<table>
<thead>
<tr>
<th>Quintile at End of Period</th>
<th>Bottom Quintile</th>
<th>Second Quintile</th>
<th>Middle Quintile</th>
<th>Fourth Quintile</th>
<th>Top Quintile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom Quintile 1994-2002</td>
<td>3%</td>
<td>5%</td>
<td>10%</td>
<td>25%</td>
<td>58%</td>
</tr>
<tr>
<td>Second Quintile 1994-2002</td>
<td>12%</td>
<td>13%</td>
<td>26%</td>
<td>35%</td>
<td>56%</td>
</tr>
<tr>
<td>Middle Quintile 1994-2002</td>
<td>22%</td>
<td>22%</td>
<td>31%</td>
<td>22%</td>
<td>35%</td>
</tr>
<tr>
<td>Fourth Quintile 1994-2002</td>
<td>9%</td>
<td>9%</td>
<td>7%</td>
<td>5%</td>
<td>6%</td>
</tr>
<tr>
<td>Top Quintile 1994-2002</td>
<td>5%</td>
<td>6%</td>
<td>12%</td>
<td>22%</td>
<td>22%</td>
</tr>
<tr>
<td>Bottom Quintile 2003-2011</td>
<td>3%</td>
<td>5%</td>
<td>11%</td>
<td>25%</td>
<td>56%</td>
</tr>
<tr>
<td>Second Quintile 2003-2011</td>
<td>11%</td>
<td>11%</td>
<td>25%</td>
<td>37%</td>
<td>60%</td>
</tr>
<tr>
<td>Middle Quintile 2003-2011</td>
<td>22%</td>
<td>22%</td>
<td>33%</td>
<td>22%</td>
<td>22%</td>
</tr>
<tr>
<td>Fourth Quintile 2003-2011</td>
<td>9%</td>
<td>11%</td>
<td>11%</td>
<td>22%</td>
<td>22%</td>
</tr>
<tr>
<td>Top Quintile 2003-2011</td>
<td>24%</td>
<td>60%</td>
<td>37%</td>
<td>37%</td>
<td>22%</td>
</tr>
</tbody>
</table>

Quintile at Beginning of Period

Sources: Utah State Tax Commission and Utah Foundation