

## Missouri Economic Dashboard Data Citations

### 1. Unemployment Rates

Definition: The unemployment rate represents the number of unemployed as a percentage of the labor force. Labor force data are restricted to people 16 years of age and older, who currently reside in 1 of the 50 states or the District of Columbia, who do not reside in institutions, and who are not on active duty in the Armed Forces.

National Unemployment Citation: U.S. Bureau of Labor Statistics, Civilian Unemployment Rate, retrieved from <https://www.bls.gov/news.release/empsit.a.htm>.

Missouri Unemployment Rate Citation: U.S. Bureau of Labor Statistics, Unemployment Rate in Missouri, retrieved from <https://www.bls.gov/eag/eag.mo.htm>.

Unemployment by Missouri County Citation: U.S. Bureau of Labor Statistics, Unemployment rates by county, not seasonally adjusted, retrieved from bls.gov; <https://data.bls.gov/map/MapToolServlet?survey=la&map=county&seasonal=u>.

### 2. U-6 Underemployment Rate

Definition: The underemployment rate is often used to show the prevalence of people being unable to find a job that matches their skills, instead working jobs for which they are overqualified. It represents the total amount of unemployed people, plus all marginally attached workers, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all marginally attached workers.

Discouraged workers are persons who are not in the labor force, want and are available for work, and had looked for a job sometime in the prior 12 months. They are not counted as unemployed because they had not searched for work in the prior 4 weeks, for the specific reason that they believed no jobs were available for them. The marginally attached are a group that includes discouraged workers. The criteria for the marginally attached are the same as for discouraged workers, with the exception that any reason could have been cited for the lack of job search in the prior 4 weeks. Persons employed part time for economic reasons are those working less than 35 hours per week who want to work full time, are available to do so, and gave an economic reason (their hours had been cut back or they were unable to find a full-time job) for working part time. These individuals are sometimes referred to as involuntary part-time workers.

U-6 Underemployment Rate Annual Averages: U.S. Bureau of Labor Statistics, Local Area Unemployment Statistics, retrieved from [https://www.bls.gov/lau/stalt\\_archived.htm](https://www.bls.gov/lau/stalt_archived.htm).

### 3. Real Median Household Income (RMHI), 2016 CPI-U-RS Dollars

Definition: The household income level in the middle of the population's distribution. This means 50% of households make more than the median and 50% make less. "Real" indicates that the number has been adjusted for inflation to represent true purchasing power.

National Real Median Household Income Citation: U.S. Census Bureau, American Community Survey, Retrieved from <https://www.census.gov/quickfacts/fact/table/US/INC110215#viewtop>.

Missouri Average Hourly Wage Citation: U.S. Census Bureau, American Community Survey, retrieved from <https://www.census.gov/programs-surveys/acs/>.

Real Median Household Income by Missouri County Citation: U.S. Census Bureau, American Community Survey, retrieved from <https://www.census.gov/programs-surveys/acs/>.



#### 4. Labor Force Participation

Definition: The labor force participation rate is the percentage of the population that is either employed or unemployed and actively seeking work.

National Labor Force Participation Rate Citation: U.S. Bureau of Labor Statistics, Civilian Labor Force Participation Rate, retrieved from <https://data.bls.gov/timeseries/LNS11300000>.

States' Labor Force Participation Rate Citation: U.S. Bureau of Labor Statistics, Civilian Noninstitutional Population, Seasonally Adjusted, retrieved from <https://www.bls.gov/lau/rdscnp16.htm#data>.

#### 5. Consumer Price Index 12-month Percent Change

Definition: Consumer Price Index (CPI) is a measure of the average monthly change in the price for goods and services paid by urban consumers between any two time periods. The CPIs are based on prices for food, clothing, shelter, and fuels; transportation fares; service fees (e.g., water and sewer service); and sales taxes. The CPI can be used to recognize periods of inflation and deflation.

Consumer Price Index 12-month Percent Change Citation: U.S. Bureau of Labor Statistics, Civilian Labor Force Participation Rate, retrieved from [https://data.bls.gov/timeseries/CUUR0000SA0L1E?output\\_view=pct\\_12mths](https://data.bls.gov/timeseries/CUUR0000SA0L1E?output_view=pct_12mths).

#### 6. Debt Clock

National Debt (Total) Citation: U.S. Department of the Treasury. Fiscal Service, Federal Debt: Total Public Debt, retrieved from <https://www.treasurydirect.gov/NP/debt/current>.

Missouri Debt Citation: State of Missouri. Office of Administration, Division of Accounting, Comprehensive Annual Financial Reports (June 30, 2016), retrieved from <https://oa.mo.gov/accounting/reports/annual-reports/comprehensive-annual-financial-reports>.

National and state debt per person were calculated within the Missouri State Treasurer's Office using population numbers from the U.S. Census Bureau.

#### 7. GDP Growth

Definition: Gross Domestic Product (GDP) is the total money value of final goods and services produced in the economic territories of a country in a given year.

National GDP Growth Citation: U.S. Bureau of Economic Analysis, Real Gross Domestic Product, retrieved from FRED, Federal Reserve Bank of St. Louis; <https://fred.stlouisfed.org/series/A191RL1Q225SBEA>.

States' GDP Growth Citation: U.S. Bureau of Economic Analysis, Real GDP in chained dollars, retrieved from <https://www.bea.gov/itable/iTable.cfm?ReqID=70&step=1#reqid=70&step=1&isuri=1>.

Exports as a Percentage of GDP were calculated within the Missouri State Treasurer's Office using GDP figures from the U.S. Bureau of Economic Analysis.



## 8. Leading Economic Index

Definition: The leading index for each state predicts the six-month growth rate of the state's coincident index. In addition to the coincident index, the models include other variables that lead the economy: state-level housing permits (1 to 4 units), state initial unemployment insurance claims, delivery times from the Institute for Supply Management (ISM) manufacturing survey, and the interest rate spread between the 10-year Treasury bond and the 3-month Treasury bill.

National Leading Economic Index Citation: Federal Reserve Bank of Philadelphia, Leading Index for the United States, retrieved from <https://fred.stlouisfed.org/series/USSLIND>.

States' Leading Economic Index Citation: Federal Reserve Bank of Philadelphia, retrieved from <https://www.philadelphiafed.org/research-and-data/regional-economy/indexes/leading/>.

## 9. Trade

Imports [Definition](#): All goods physically brought into the United States, including: (1) Goods of foreign origin, and (2) Goods of domestic origin returned to the United States without substantial transformation affecting a change in tariff classification under an applicable rule of origin.

Exports [Definition](#): Exports measure the total physical movement of merchandise out of the United States to foreign countries whether such merchandise is exported from within the U.S. Customs territory or from a CBP bonded warehouse or a U.S. Foreign Trade Zone.

National Trade Citation: U.S. Census Bureau, Economic Indicators Division, retrieved from USA Trade Online at <https://usatrade.census.gov/>.

Missouri Trade Citation: U.S. Census Bureau, Economic Indicators Division, retrieved from USA Trade Online at <https://usatrade.census.gov/>.

## 10. Rental Vacancy Rate

Definition: The vacancy rate is the percentage of all available units in a rental property, such as a hotel or apartment complex, that are vacant or unoccupied at a particular time.

National Rental Vacancy Rate Citation: U.S. Census Bureau, Rental Vacancy Rate for the United States, retrieved from <https://www.census.gov/housing/hvs/index.html>.

Missouri Rental Vacancy Rate Citation: U.S. Census Bureau, Rental Vacancy Rate for Missouri, retrieved from <https://www.census.gov/housing/hvs/data/rates.html>.

## 11. Year-To-Date Growth in Housing Permits

National Housing Permits Citation: U.S. Census Bureau, Building Permits Survey, retrieved from <https://www.census.gov/construction/bps/uspermits.html>.

Missouri Housing Permits Citation: U.S. Census Bureau, Building Permits Survey, retrieved from <https://www.census.gov/construction/bps/statemonthly.html>.

Growth in Housing Permits on both the national and state level were calculated within the Missouri State Treasurer's Office.



## 12. Percent of Families Below Poverty Line by County

The poverty visualization relays information on the 90% confidence interval (CI) of the poverty estimates. Confidence intervals allow a reader to understand the precision of an estimate. For a 90% CI a reader can be 90% confident that the true value of a metric lies somewhere within the articulated range.

Citation: U.S. Census Bureau, Small Area Income and Poverty Estimates, retrieved from [https://www.census.gov/did/www/saipe/data/interactive/saipe.html?s\\_appName=saipe&map\\_yearSelector=2015&map\\_geoSelector=aa\\_c&s\\_state=29](https://www.census.gov/did/www/saipe/data/interactive/saipe.html?s_appName=saipe&map_yearSelector=2015&map_geoSelector=aa_c&s_state=29).