**Release:** [G.17 Industrial Production and Capacity Utilization](http://www.federalreserve.gov/releases/g17/)

**Units:**  Index 2017=100, Seasonally Adjusted

**Frequency:**  Monthly

The industrial production (IP) index measures the real output of all relevant establishments located in the United States, regardless of their ownership, but not those located in U.S. territories.  For more information, see the [explanatory notes](https://www.federalreserve.gov/releases/g17/About.htm) issued by the Board of Governors. For recent updates, see the [announcements](https://www.federalreserve.gov/feeds/g17.html) issued by the Board of Governors  Source Code: IP.B50001.S

**Suggested Citation:**

Board of Governors of the Federal Reserve System (US), Industrial Production: Total Index [INDPRO], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/INDPRO, May 16, 2024.

[**Wilshire 5000 Price Index  (WILL5000PR)**](https://fred.stlouisfed.org/series/WILL5000PR)

**Source:** [Wilshire Associates](http://www.wilshire.com/)

**Release:** [Wilshire Indexes](http://www.wilshire.com/Indexes/)

**Units:**  Index, Not Seasonally Adjusted

**Frequency:**  Daily, Close

The observations for the Wilshire 5000 Price Index represent the daily index value at market close. The market typically closes at 4 PM ET, except for holidays when it sometimes closes early.  The price indexes are price returns, which do not reinvest dividends. Copyright, 2016, Wilshire Associates Incorporated. Reprinted with permission. For more information about the various indexes, visit [Wilshire Associates](http://www.wilshire.com/Indexes).

**Suggested Citation:**

Wilshire Associates, Wilshire 5000 Price Index [WILL5000PR], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/WILL5000PR, May 16, 2024.

[**New One Family Houses Sold: United States  (HSN1F)**](https://fred.stlouisfed.org/series/HSN1F)

**Source:** [U.S. Census Bureau](http://www.census.gov/)

**Source:** [U.S. Department of Housing and Urban Development](http://www.hud.gov/)

**Release:** [New Residential Sales](http://www.census.gov/construction/nrs/)

**Units:**  Thousands, Seasonally Adjusted Annual Rate

**Frequency:**  Monthly

**Suggested Citation:**

U.S. Census Bureau and U.S. Department of Housing and Urban Development, New One Family Houses Sold: United States [HSN1F], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/HSN1F, May 16, 2024.

[**Crude Oil Prices: Brent - Europe  (DCOILBRENTEU)**](https://fred.stlouisfed.org/series/DCOILBRENTEU)

**Source:** [U.S. Energy Information Administration](http://www.eia.gov/)

**Release:** [Spot Prices](http://www.eia.doe.gov/dnav/pet/pet_pri_spt_s1_d.htm)

**Units:**  Dollars per Barrel, Not Seasonally Adjusted

**Frequency:**  Daily

[Definitions, Sources and Explanatory Notes](http://www.eia.doe.gov/dnav/pet/TblDefs/pet_pri_spt_tbldef2.asp)

**Suggested Citation:**

U.S. Energy Information Administration, Crude Oil Prices: Brent - Europe [DCOILBRENTEU], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/DCOILBRENTEU, May 16, 2024.

[**Sticky Price Consumer Price Index less Food and Energy  (CORESTICKM159SFRBATL)**](https://fred.stlouisfed.org/series/CORESTICKM159SFRBATL)

**Source:** [Federal Reserve Bank of Atlanta](http://www.frbatlanta.org/)

**Release:** [Sticky Price CPI](https://www.frbatlanta.org/research/inflationproject/stickyprice/)

**Units:**  Percent Change from Year Ago, Seasonally Adjusted

**Frequency:**  Monthly

The Sticky Price Consumer Price Index (CPI) is calculated from a subset of goods and services included in the CPI that change price relatively infrequently. Because these goods and services change price relatively infrequently, they are thought to incorporate expectations about future inflation to a greater degree than prices that change on a more frequent basis. One possible explanation for sticky prices could be the costs firms incur when changing price.  To obtain more information about this release see: Michael F. Bryan, and Brent H. Meyer. “Are Some Prices in the CPI More Forward Looking Than Others? We Think So.” Economic Commentary (Federal Reserve Bank of Cleveland) (May 19, 2010): 1–6. <https://doi.org/10.26509/frbc-ec-201002>.

**Suggested Citation:**

Federal Reserve Bank of Atlanta, Sticky Price Consumer Price Index less Food and Energy [CORESTICKM159SFRBATL], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/CORESTICKM159SFRBATL, May 16, 2024.

[**Total Vehicle Sales  (TOTALSA)**](https://fred.stlouisfed.org/series/TOTALSA)

**Source:** [U.S. Bureau of Economic Analysis](http://www.bea.gov/)

**Release:** [Supplemental Estimates, Motor Vehicles](https://www.bea.gov/data/gdp/gross-domestic-product#collapse86)

**Units:**  Millions of Units, Seasonally Adjusted Annual Rate

**Frequency:**  Monthly

**Suggested Citation:**

U.S. Bureau of Economic Analysis, Total Vehicle Sales [TOTALSA], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/TOTALSA, May 16, 2024.

[**Consumer Price Index for All Urban Consumers: Food in U.S. City Average  (CPIUFDSL)**](https://fred.stlouisfed.org/series/CPIUFDSL)

**Source:** [U.S. Bureau of Labor Statistics](https://www.bls.gov/)

**Release:** [Consumer Price Index](http://www.bls.gov/cpi/)

**Units:**  Index 1982-1984=100, Seasonally Adjusted

**Frequency:**  Monthly

Handbook of Methods - (<https://www.bls.gov/opub/hom/pdf/cpihom.pdf>) Understanding the CPI: Frequently Asked Questions - ([http://stats.bls.gov:80/cpi/cpifaq.htm](http://stats.bls.gov/cpi/cpifaq.htm))

**Suggested Citation:**

U.S. Bureau of Labor Statistics, Consumer Price Index for All Urban Consumers: Food in U.S. City Average [CPIUFDSL], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/CPIUFDSL, May 16, 2024.

[**Japanese Yen to U.S. Dollar Spot Exchange Rate  (DEXJPUS)**](https://fred.stlouisfed.org/series/DEXJPUS)

**Source:** [Board of Governors of the Federal Reserve System (US)](http://www.federalreserve.gov/)

**Release:** [H.10 Foreign Exchange Rates](http://www.federalreserve.gov/releases/h10/)

**Units:**  Japanese Yen to One U.S. Dollar, Not Seasonally Adjusted

**Frequency:**  Daily

Noon buying rates in New York City for cable transfers payable in foreign currencies.

**Suggested Citation:**

Board of Governors of the Federal Reserve System (US), Japanese Yen to U.S. Dollar Spot Exchange Rate [DEXJPUS], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/DEXJPUS, May 16, 2024.

[**University of Michigan: Inflation Expectation  (MICH)**](https://fred.stlouisfed.org/series/MICH)

**Source:** [University of Michigan](https://www.umich.edu/)

**Release:** [Surveys of Consumers](http://www.sca.isr.umich.edu/)

**Units:**  Percent, Not Seasonally Adjusted

**Frequency:**  Monthly

Median expected price change next 12 months, Surveys of Consumers. The most recent value is not shown due to an agreement with the source.  This data should be cited as follows: "Surveys of Consumers, University of Michigan, University of Michigan: Inflation Expectation© [MICH], retrieved from FRED, Federal Reserve Bank of St. Louis <https://fred.stlouisfed.org/series/MICH/,> (Accessed on date)"  Copyright, 2016, Surveys of Consumers, University of Michigan. Reprinted with permission.

**Suggested Citation:**

University of Michigan, University of Michigan: Inflation Expectation [MICH], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/MICH, May 16, 2024.

[**CBOE Volatility Index: VIX  (VIXCLS)**](https://fred.stlouisfed.org/series/VIXCLS)

**Source:** [Chicago Board Options Exchange](http://www.cboe.com/)

**Release:** [CBOE Market Statistics](http://www.cboe.com/data/mktstat.aspx)

**Units:**  Index, Not Seasonally Adjusted

**Frequency:**  Daily, Close

VIX measures market expectation of near term volatility conveyed by stock index option prices. Copyright, 2016, Chicago Board Options Exchange, Inc. Reprinted with permission.

**Suggested Citation:**

Chicago Board Options Exchange, CBOE Volatility Index: VIX [VIXCLS], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/VIXCLS, May 16, 2024.

[**All Employees, Total Nonfarm  (PAYEMS)**](https://fred.stlouisfed.org/series/PAYEMS)

**Source:** [U.S. Bureau of Labor Statistics](https://www.bls.gov/)

**Release:** [Employment Situation](http://www.bls.gov/ces/)

**Units:**  Thousands of Persons, Seasonally Adjusted

**Frequency:**  Monthly

All Employees: Total Nonfarm, commonly known as Total Nonfarm Payroll, is a measure of the number of U.S. workers in the economy that excludes proprietors, private household employees, unpaid volunteers, farm employees, and the unincorporated self-employed. This measure accounts for approximately 80 percent of the workers who contribute to Gross Domestic Product (GDP).  This measure provides useful insights into the current economic situation because it can represent the number of jobs added or lost in an economy. Increases in employment might indicate that businesses are hiring which might also suggest that businesses are growing. Additionally, those who are newly employed have increased their personal incomes, which means (all else constant) their disposable incomes have also increased, thus fostering further economic expansion.  Generally, the U.S. labor force and levels of employment and unemployment are subject to fluctuations due to seasonal changes in weather, major holidays, and the opening and closing of schools. The Bureau of Labor Statistics (BLS) adjusts the data to offset the seasonal effects to show non-seasonal changes: for example, women's participation in the labor force; or a general decline in the number of employees, a possible indication of a downturn in the economy. To closely examine seasonal and non-seasonal changes, the BLS releases two monthly statistical measures: the seasonally adjusted All Employees: Total Nonfarm (PAYEMS) and All Employees: Total Nonfarm (PAYNSA), which is not seasonally adjusted.  The series comes from the 'Current Employment Statistics (Establishment Survey).'  The source code is: CES0000000001

**Suggested Citation:**

U.S. Bureau of Labor Statistics, All Employees, Total Nonfarm [PAYEMS], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/PAYEMS, May 16, 2024.

[**Producer Price Index by Commodity: All Commodities  (PPIACO)**](https://fred.stlouisfed.org/series/PPIACO)

**Source:** [U.S. Bureau of Labor Statistics](https://www.bls.gov/)

**Release:** [Producer Price Index](http://www.bls.gov/ppi/)

**Units:**  Index 1982=100, Not Seasonally Adjusted

**Frequency:**  Monthly

**Suggested Citation:**

U.S. Bureau of Labor Statistics, Producer Price Index by Commodity: All Commodities [PPIACO], retrieved from FRED, Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/PPIACO, May 16, 2024.