Macro and Markets Dashboard: United States

Updated: April 23, 2019

Key Indicators

| | | change over prev. | | as of: |
|----------------------|-----------|----------------------|---------------------|------------|
| III ■ Real GDP | 18.8T | ▲ 2.2% | | 2018 Q4 |
| 📶 🎛 Unemp. rate | 3.8% | 0.0 | | Mar 2019 |
| IIII ■ CPI Inflation | 1.9% | ▲ 0.4 | | Mar 2019 |
| | | one week change | one month change | as of: |
| Ⅲ Ⅲ S&P 500 | 2,933.68 | ▲ 1.0% | ▲ 4.7% | 2019-04-23 |
| <u>IIII</u> Ⅲ DJIA | 26,656.39 | ▲ 1.0% | ▲ 4.5% | 2019-04-23 |
| III ■ NASDAQ | 8,120.82 | ▲ 1.8% | ▲ 6.2% | 2019-04-23 |
| <u>ılıl</u> ⊞ VIX | 12.28 | ▼ -0.3% | ▼ -25.5% | 2019-04-23 |
| 📶 🎛 2-yr t-bond | 2.36% | ▼ -0.04 | ▲ 0.05 | 2019-04-23 |
| 🚻 🎛 10-yr t-bond | 2.57% | ▲ 0.02 | ▲ 0.13 | 2019-04-23 |
| ☐ Crude oil | \$65.70 | ▲ 2.8% | ▲ 9.5% | 2019-04-22 |
| Ⅲ Ⅲ USD index | 92.30 | ▲ 0.4% | ▲ 0.7% | 2019-04-19 |

chart: 📶 data: ⊞

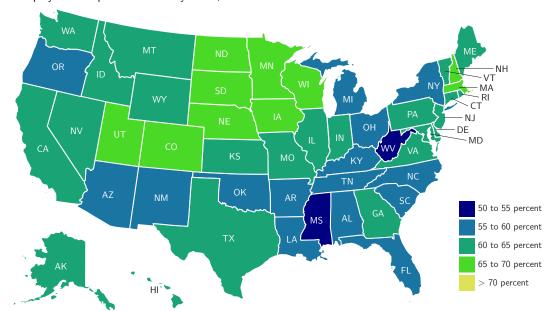
About the Dashboard

The Macro and Markets Dashboard for the United States contains more than 100 indicators of the performance of the U.S. economy. The dashboard includes twelve categories of charts, and a table of exchange rates.

Dashboard plots follow a uniform design. The line plots show trends over the past decade, while the horizontal bar plots decompose recent developments. The latest value and its reference period are listed in the bottom left corner of the plot area for line plots. Below each plot is a brief listing of the source with a link (in blue) to the source data.

Chart of interest

■ Employment-Population Ratio by State, March 2019



Source: U.S. Bureau of Labor Statistics: Employment Percent of Civilian NonInstitutional Population, Seasonally Adjusted, Monthly



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Contact

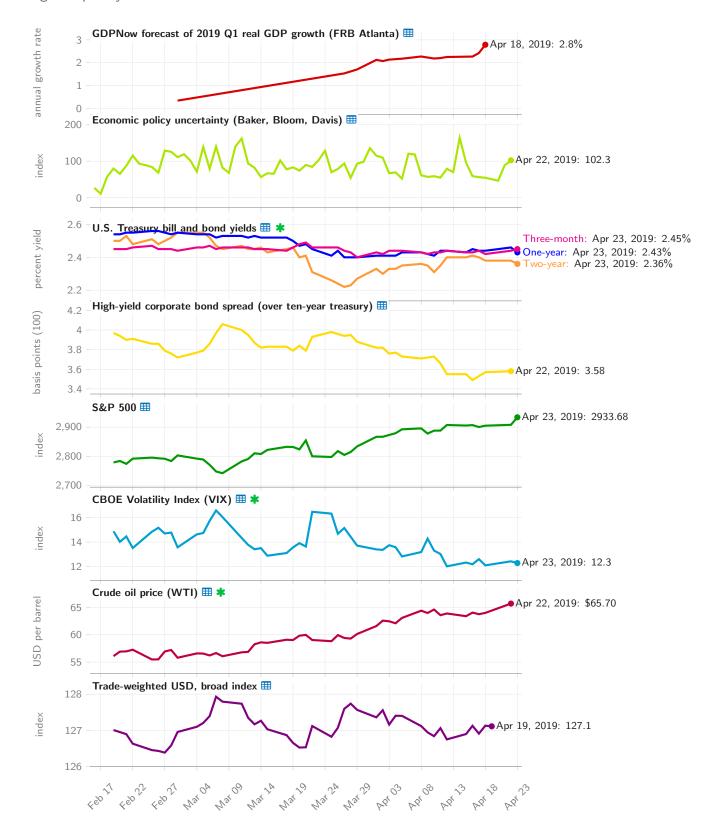
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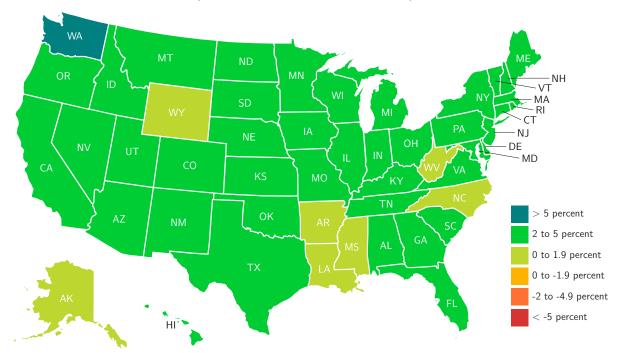
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High-frequency indicators

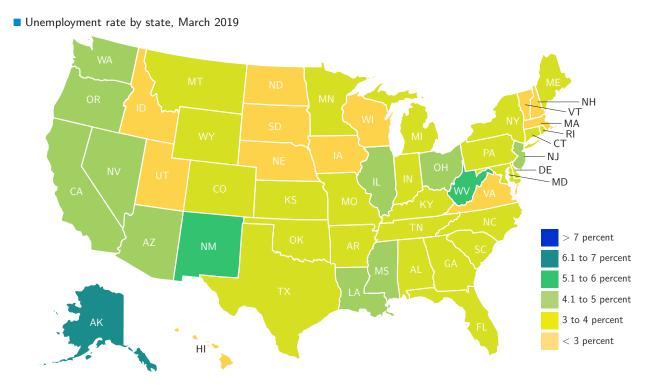


State-level economic indicators

■ Real GDP growth by state in 2018 Q3 (change over previous quarter, annualized)



Source: U.S. Bureau of Economic Analysis (BEA), Regional Economic Accounts: GDP by State



Source: U.S. Bureau of Labor Statistics (BLS), Local Area Unemployment Statistics (LAUS)

Macroeconomic Indicators: Overview

Components of real gross domestic product (GDP)

(chained 2009 USD, trillion)

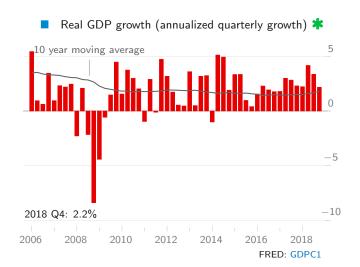
Real GDP

Consumption

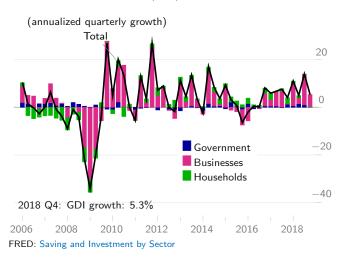
10

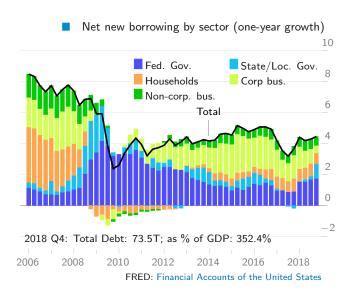
Real GDP: 2018 Q4: 18.8T | Net Exports
2006 2008 2010 2012 2014 2016 2018

FRED: GDPC1; GCEC1; GPDIC1; NETEXC; PCECC96

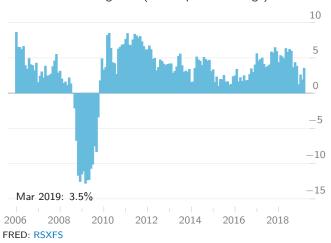


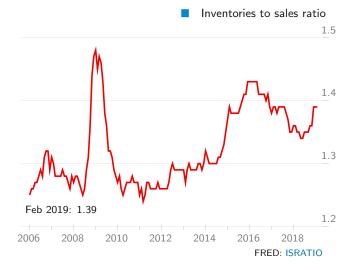
■ Gross domestic investment (GDI)





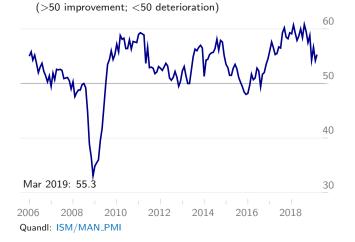






Macroeconomic Indicators: Businesses

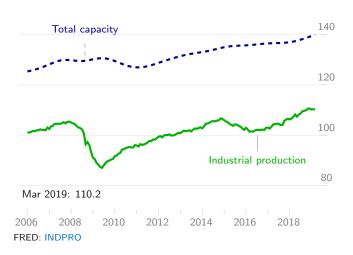
ISM manufacturing purchasing managers' index

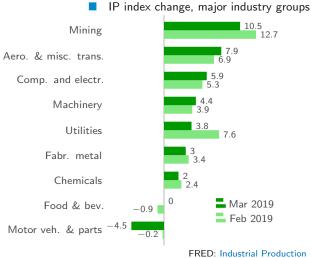


ISM non-manufacturing business activity index (>50 improvement; <50 deterioration)

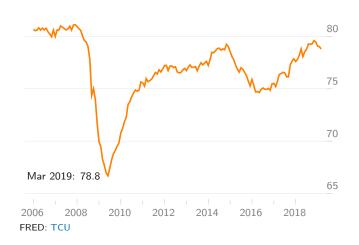


Industrial production (IP) index (2012=100) *

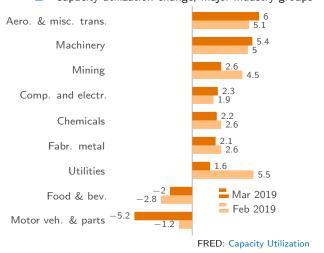




Total capacity utilization (percent of capacity)



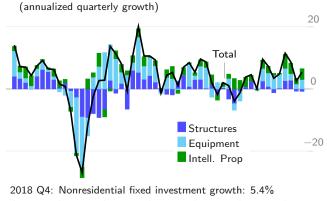
■ Capacity utilization change, major industry groups



Real nonresidential fixed investment

2006

2008

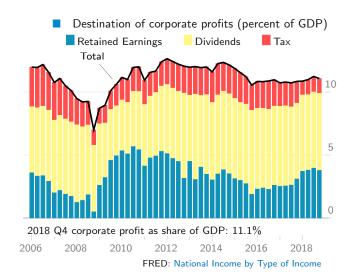


2012

2014

2018

2016

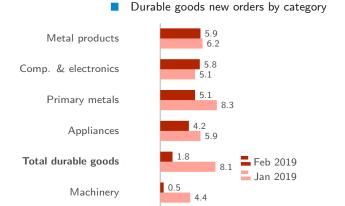


Durable goods new orders (annual percent change) *

2010

FRED: Real Private Investment by Type





FRED: Manufacturer's Shipments, Inventories, and Orders (M3) Survey

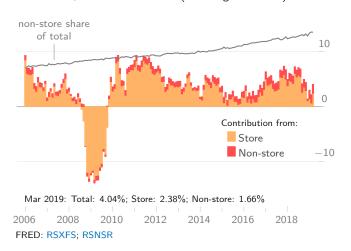
15.4

6

FRBSF tech pulse index (2000=100)

Transportation equip.

Retail sales, store vs. non-store (annual growth rate)

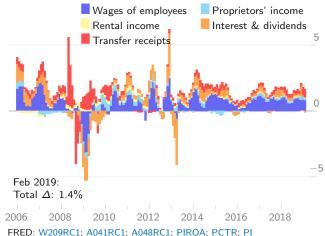


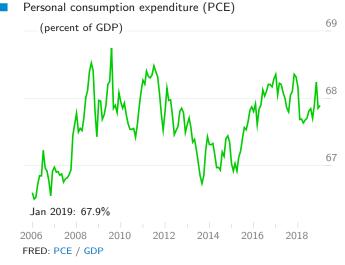


Updated: April 23, 2019 *: Key indicator

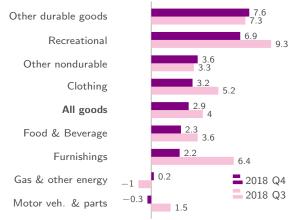
Macroeconomic Indicators: Households

Personal income (annual percent change by type)





Real PCE on goods by type (annual percent change)



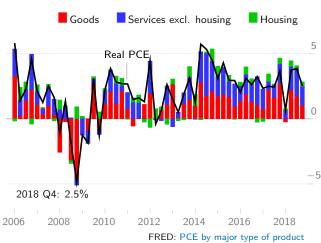
FRED: Real PCE by Major Type of Product

Real disposable personal income * (annual percent change)

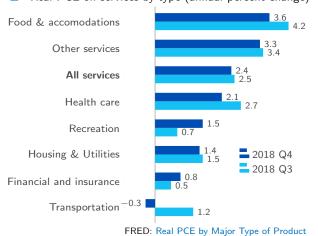


Real PCE by category (annualized quarterly growth) *

FRED: A067RL1Q156SBEA



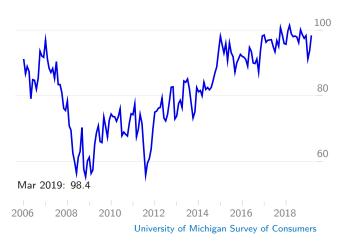
Real PCE on services by type (annual percent change)



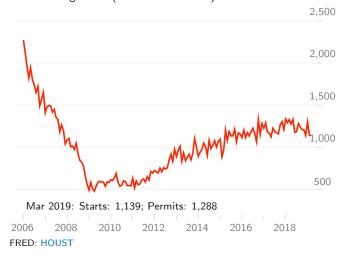
■ PCE on durable goods (percent of GDP) *



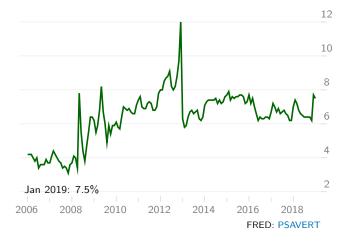
University of Michigan consumer sentiment index



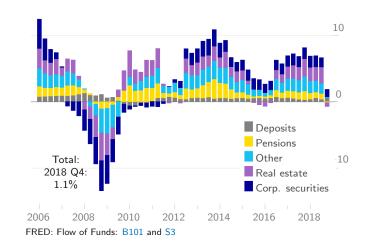
New housing starts (thousands of units)



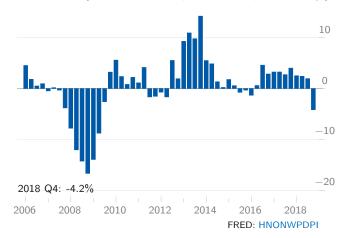
Personal saving rate (percent of disposable income)



Household and nonprofits assets (annual growth rate)

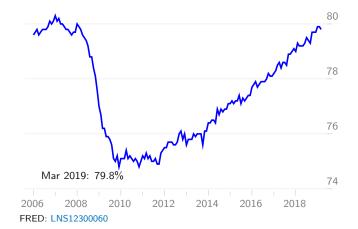


 Net wealth as percent of gross disposable income (households and nonprofits, annual percent change)



Labor Markets

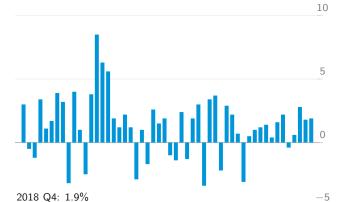
Employed share of age 25-54 population *









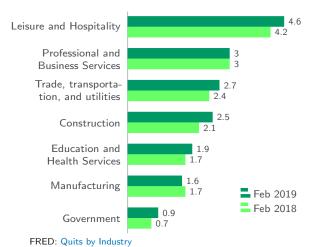


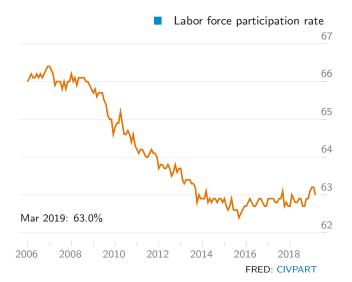
FRED: PRS85006092

Nonfarm business productivity growth

Mar 2019: U3: 3.8%; U6: 7.3% FRED: UNRATE, U6RATE







Share of unemployed by duration

(percentage of total)

> 27 weeks (long-term)

40

5-14 weeks

20

15-27 weeks

2012

2014

2018

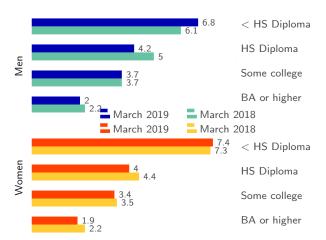
Unemployment rate by gender and education level

2010

2006

2008

FRED: Unemployed persons by duration



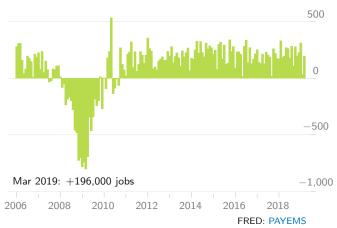
FRED: Unemployment rates, 25-64 years

Payroll growth by sector (annual percent change)

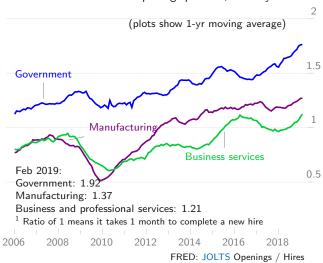


FRED: Current Employment Statistics

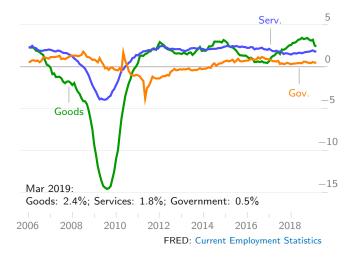
Nonfarm payrolls (monthly job growth, thousands) *



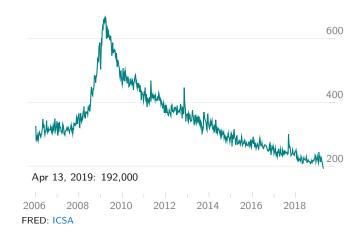
Job openings per hire, ratio by sector¹



Payrolls (annual percent change by major category)



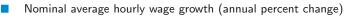
New jobless claims (weekly, thousands)

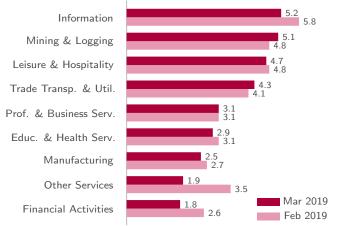


(full-time wage and salary earners age 25-54) 940 920 one-year moving average 900

Real median weekly earnings (current dollars)

860





Real average hourly wages (in 2017 U.S. Dollars)
(production and nonsupervisory workers)

2012

2014

FRED: LEU0252887900Q; adjusted for inflation by CPI-U.

2016

2019 Q1: \$942.00

Goods sector

2008

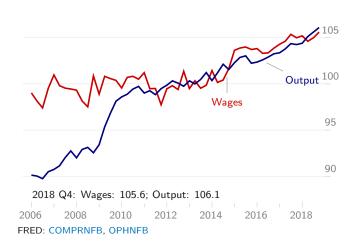
2010

2006



Real hourly wages and output (index, 2009=100) *

FRED: Average Hourly Earnings, Production and Nonsupervisory Employees



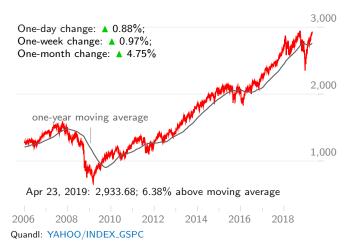
■ Labor share of output (index, 2005=100)



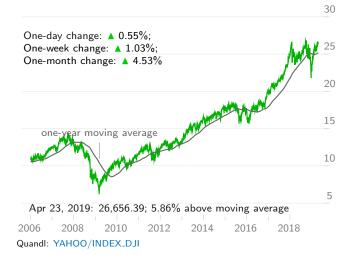
Updated: April 23, 2019 *: Key indicator

Equity Markets

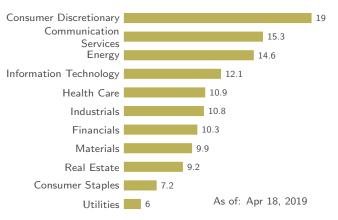
■ S&P 500



Dow Jones Industrial Average (thousands)

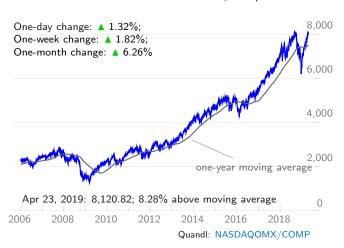


S&P 500 five-year annual growth forecast



S&P Dow Jones Indices: S&P 500 growth forecasts (.xls)

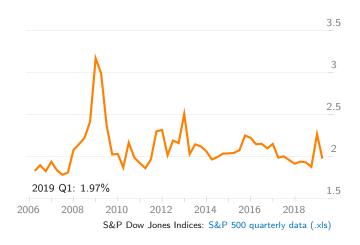
NASDAQ Composite Index



...combined and indexed (2006=100)



■ S&P 500 dividend yield (percent)



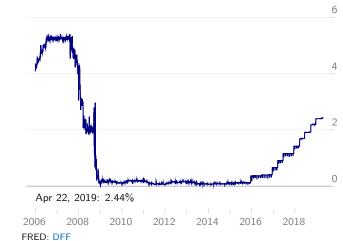
CBOE volatility index (VIX) *

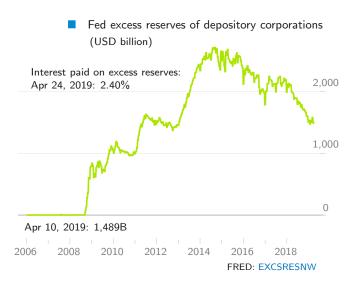




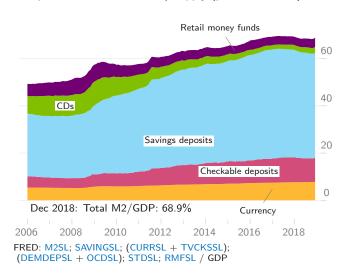
Money and Interest Rates

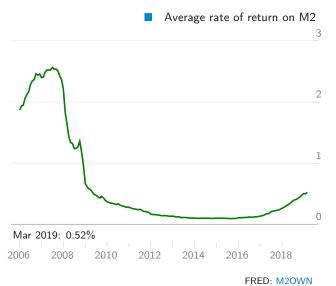
Effective fed funds rate *





Components of the M2 money supply (percent of GDP)





Treasury bond real yield by maturity



Treasury yield spreads



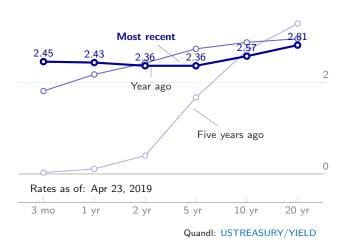
Corporate bonds AAA (effective yield)



2- and 10-year treasury constant maturity rates

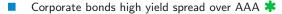


Treasury bill and bond yield curve *



Corporate bonds high yield (effective yield)

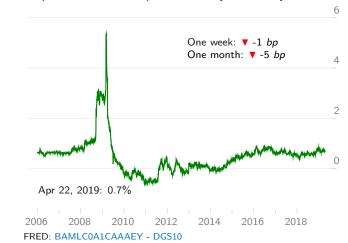


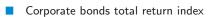




One week: ▲ 3 bp One month: ▼ -21 bp 15 Apr 22, 2019: 3.6% Apr 22, 2019: 3.6% Apr 22, 2019: 3.6% FRED: BAMLHOAOHYM2EY - DGS10

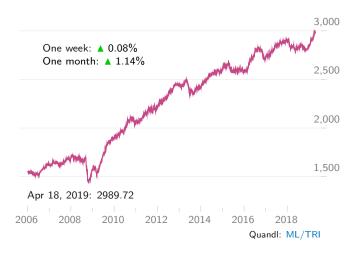
Corporate bonds AAA spread over 10-year treasury





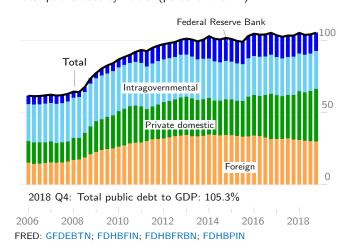
... high yield spread over 10-year treasury

25

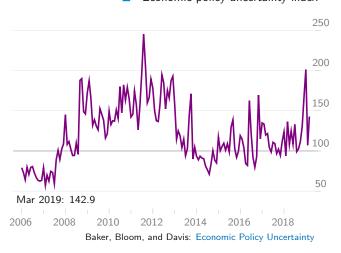


Government and Policy

■ Total public debt by holder (percent of GDP)

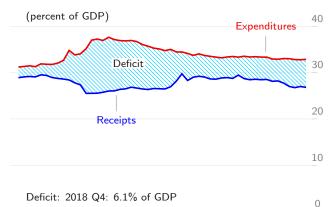


■ Economic policy uncertainty index



Updated: April 23, 2019 *: Key indicator

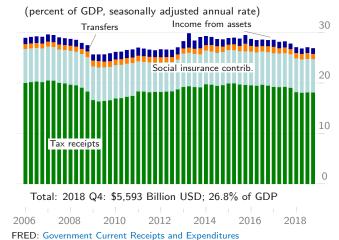
■ Government expenditures and receipts *****

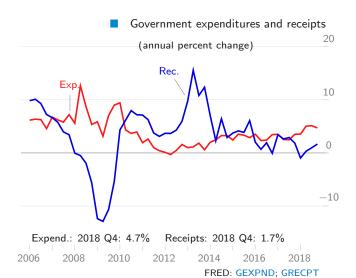


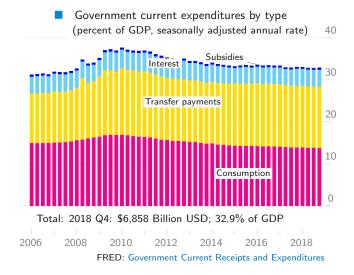
2006 2008 2010 2012 2014 2016 2018

FRED: GEXPND; GRECPT

Government current receipts by type

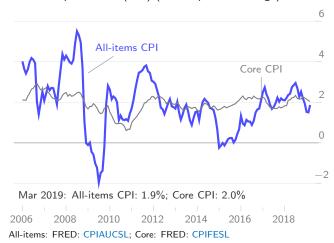




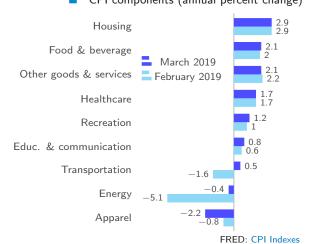


Prices

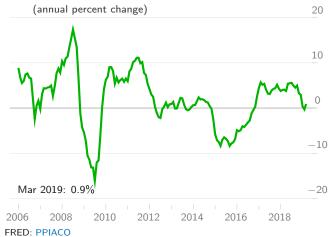
Consumer price index (CPI) (annual percent change) *



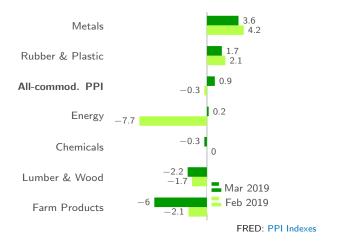
■ CPI components (annual percent change)



■ Producer price index, all commodities (PPIACO)



■ PPIACO selected components (annual percent change)

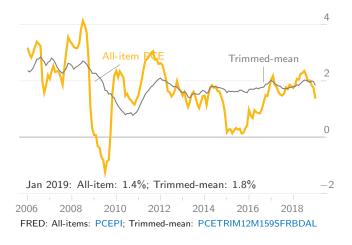


5-Year forward inflation expectation rate *

(expected average annual inflation rate, percent)



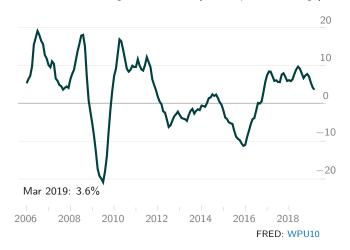
■ PCE chain-type price index (annual percent change)



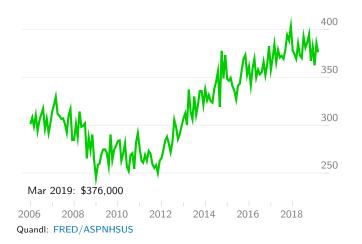
Oil price (USD per barrel, WTI)



■ PPI growth: metals (annual percent change)



Average sales price for new houses (thousands of USD)



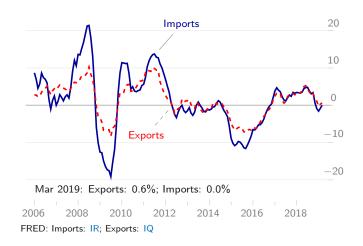


Gold price (USD per ounce)

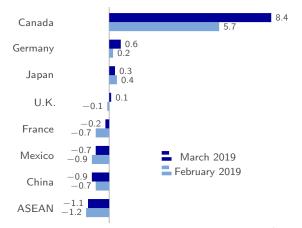




Export and import prices (annual percent change)



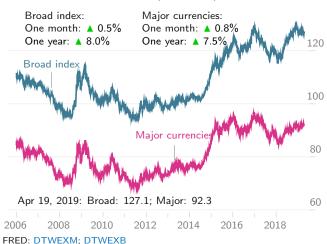
Import prices by locality of origin (annual percent change)

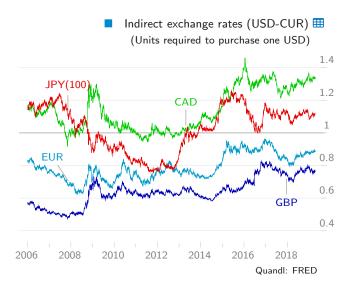


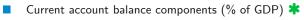
FRED: Import Price Indexes by Locality of Origin

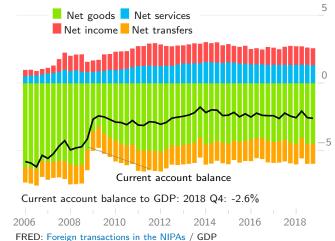
Trade and External Sector Indicators

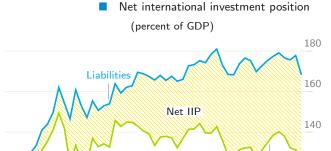
■ Trade weighted dollar indices (1973=100) *****

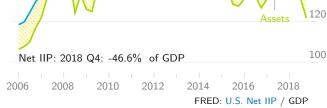




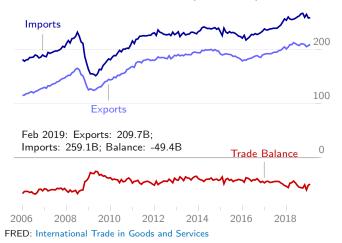








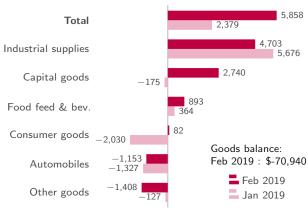
Imports, exports, and trade balance (USD billion)



■ Trade balance (goods and services, percent of GDP)



Net exports of goods (USD, millions, one-year change)



U.S. Census Bureau: U.S. International Trade in Goods

Net exports of services (USD, millions, one-year change) **Total** -200 Other business Intell. prop. -409 261 Insurance 492 Services balance: Feb 2019: \$22,628 Financial serv. 142 149 Feb 2019 Telecom Jan 2019 134 200 Maint. & repairs 37 101 Government 470 Transportation 839 -538 Travel

FRED: U.S. International Trade in Goods and Services

Capital Flows

■ Foreign holdings of U.S. securities (annual % change)

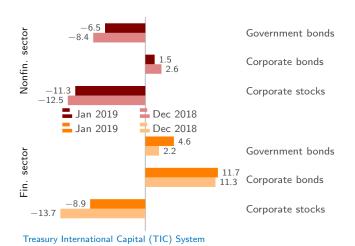


Treasury International Capital (TIC) System

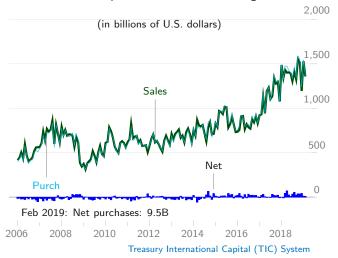
Foreign purchases and sales of U.S. securities (in billions of U.S. dollars) Sales Purch 1,000 Net

Feb 2019: Net purchases: 42.4B
2006 2008 2010 2012 2014 2016 2018
Treasury International Capital (TIC) System

■ U.S. holdings of foreign securities (annual % change)



U.S. purchases and sales of foreign securities



Updated: April 23, 2019 * Key indicator 20