Macro and Markets Dashboard: United States

Updated: June 20, 2019

Key Indicators

. toja.outo.o		change over prev.		as of:
III III Real GDP	18.9T	▲ 3.1%		2019 Q1
📶 🌐 Unemp. rate	3.6%	0.0		May 2019
Ⅲ Ⅲ CPI Inflation	1.8%	▼ -0.2		May 2019
		one week change	one month change	as of:
<u>■</u> S&P 500	2,954.18	▲ 2.2%	▲ 3.1%	2019-06-20
<u>⊪</u> ⊞ DJIA	26,753.17	▲ 2.5%	▲ 3.4%	2019-06-20
III Ⅲ NASDAQ	8,051.34	▲ 2.7%	▲ 3.4%	2019-06-20
<u>⊪ii</u> ⊞ VIX	14.75	▼ -6.8%	▼ -1.3%	2019-06-20
📶 🖽 2-yr t-bond	1.72%	▼ -0.11	▼ -0.54	2019-06-20
iii ≡ 10-yr t-bond	2.01%	▼ -0.09	▼ -0.42	2019-06-20
Ⅲ Ⅲ Crude oil	\$56.65	▲ 8.4%	▼ -10.1%	2019-06-20
Ⅲ Ⅲ USD index	92.25	▲ 0.8%	▼ -0.2%	2019-06-14

chart: 📶 data: ⊞

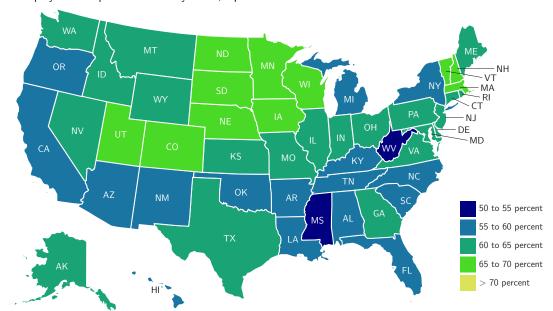
About the Dashboard

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, April 2019



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



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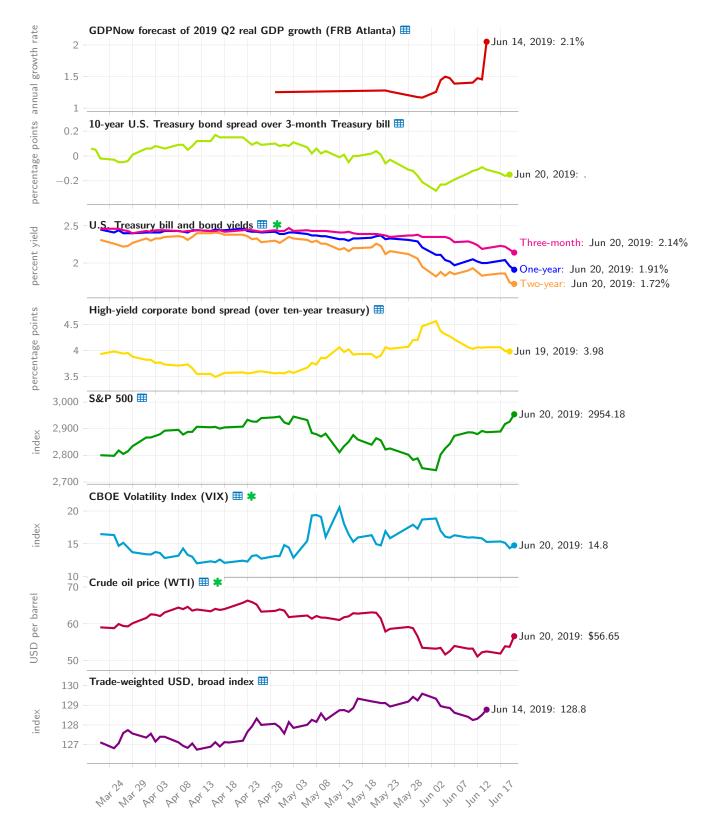
Brian Dew

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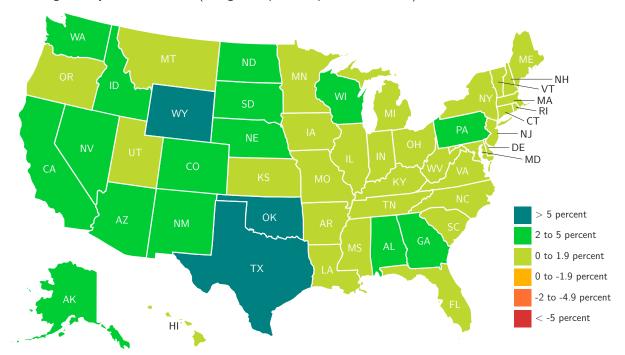
y @bd_econ

High-frequency indicators

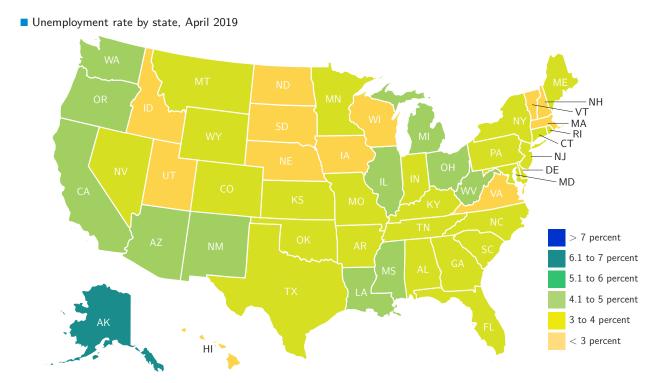


State-level economic indicators

■ Real GDP growth by state in 2018 Q4 (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)

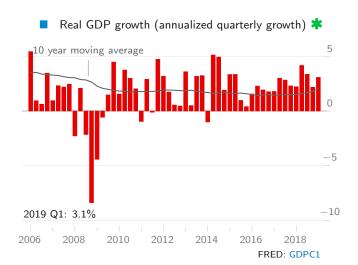
Real GDP

Consumption

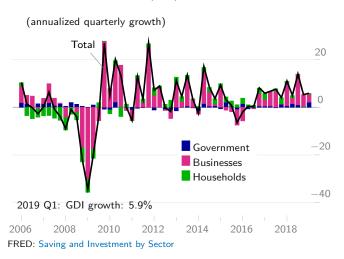
10

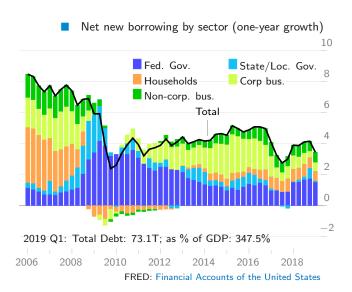
Real GDP: 2019 Q1: 18.9T Net Exports
2006 2008 2010 2012 2014 2016 2018

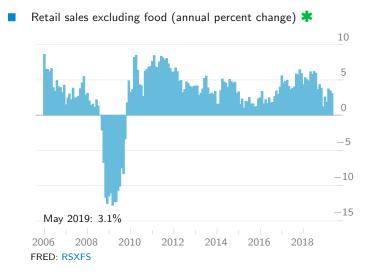
FRED: GDPC1; GCEC1; GPDIC1; NETEXC; PCECC96

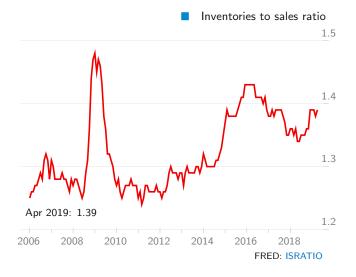


■ Gross domestic investment (GDI)



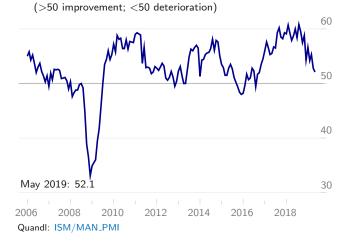






Macroeconomic Indicators: Businesses

ISM manufacturing purchasing managers' index

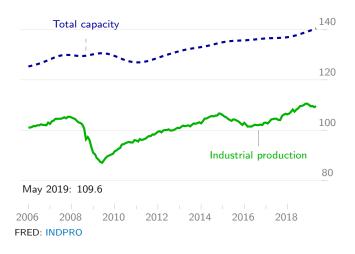




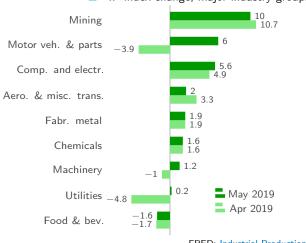
ISM non-manufacturing business activity index



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





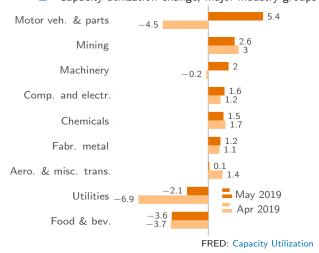


FRED: Industrial Production

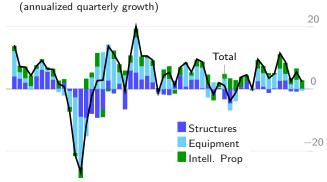
Total capacity utilization (percent of capacity)



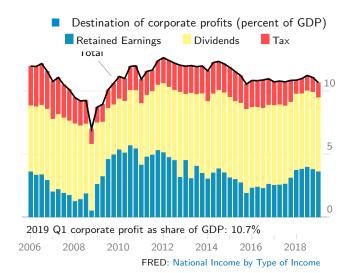
■ Capacity utilization change, major industry groups



Real nonresidential fixed investment



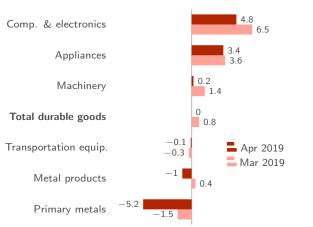
FRED: Real Private Investment by Type



Durable goods new orders (annual percent change) *

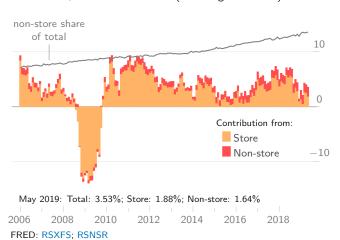


Durable goods new orders by category

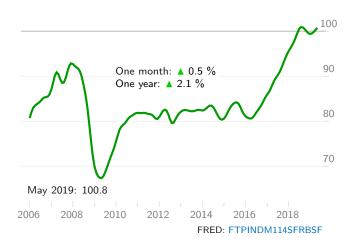


FRED: Manufacturer's Shipments, Inventories, and Orders (M3) Survey

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

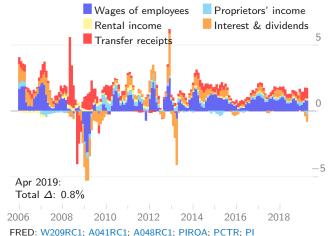


FRBSF tech pulse index (2000=100)



Macroeconomic Indicators: Households

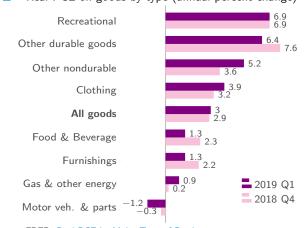
Personal income (annual percent change by type)



Personal consumption expenditure (PCE)



Real PCE on goods by type (annual percent change)



FRED: Real PCE by Major Type of Product

-20

2018

Real PCE by category (annualized quarterly growth) *

2012

2014

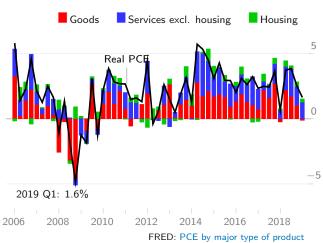
2016

FRED: A067RL1Q156SBEA

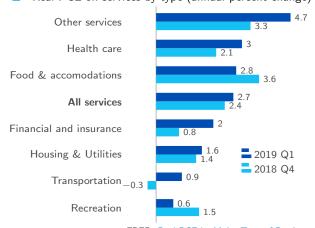
2008

2010

2006

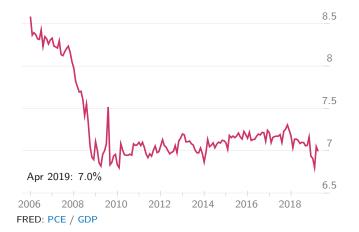


Real PCE on services by type (annual percent change)

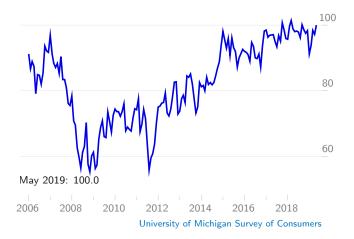


FRED: Real PCE by Major Type of Product

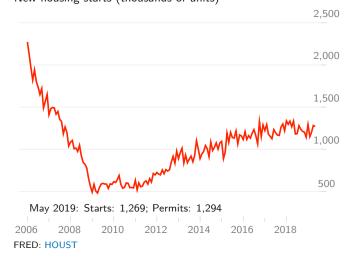
■ PCE on durable goods (percent of GDP) *****



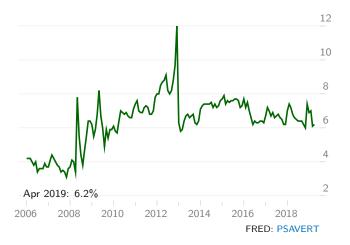
University of Michigan consumer sentiment index



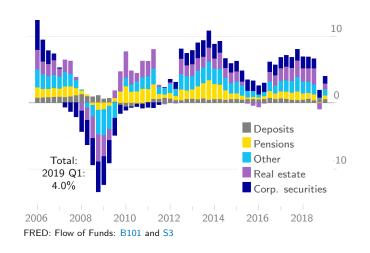
New housing starts (thousands of units)



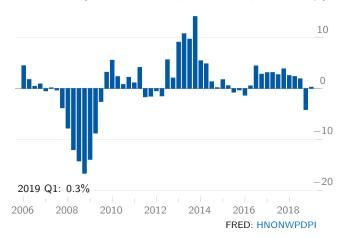
Personal saving rate (percent of disposable income)



Household and nonprofits assets (annual growth rate)



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



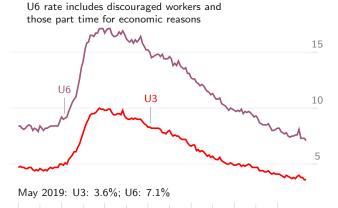
Labor Markets

■ Employed share of age 25-54 population *****





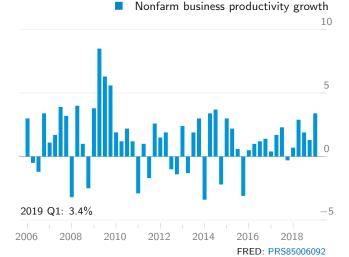




2014

2016

2018



Quits rate by industry

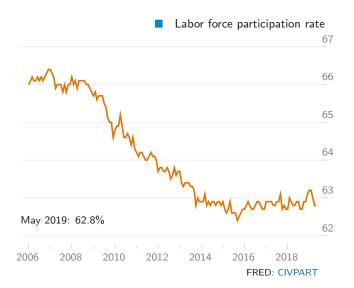
2008

FRED: UNRATE, U6RATE

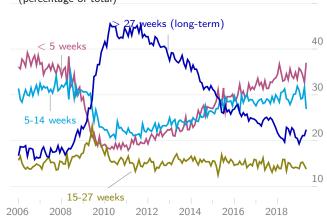
2010

2012

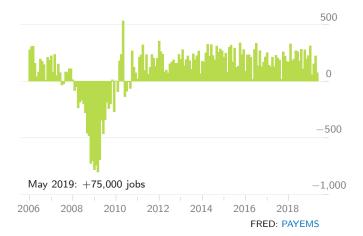




Share of unemployed by duration (percentage of total)

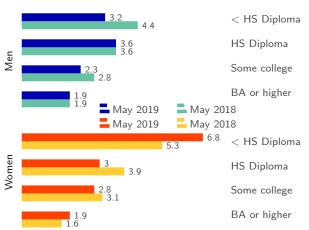


Nonfarm payrolls (monthly job growth, thousands) *



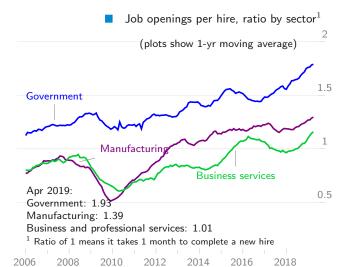
Unemployment rate by gender and education level

FRED: Unemployed persons by duration



FRED: Unemployment rates, 25-64 years

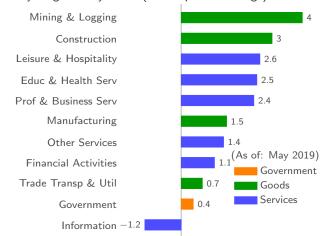
FRED: Current Employment Statistics

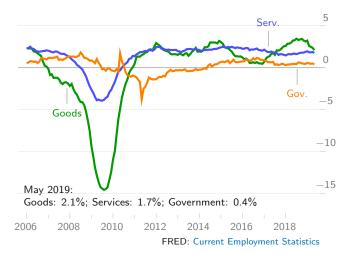


FRED: JOLTS Openings / Hires

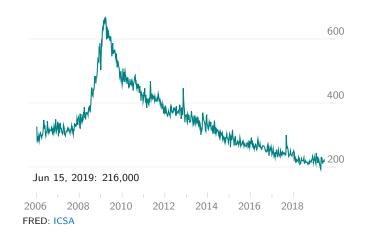
Payroll growth by sector (annual percent change)

Payrolls (annual percent change by major category)





New jobless claims (weekly, thousands)



Nominal average hourly wage growth (annual percent change)



FRED: Average Hourly Earnings, Production and Nonsupervisory Employees

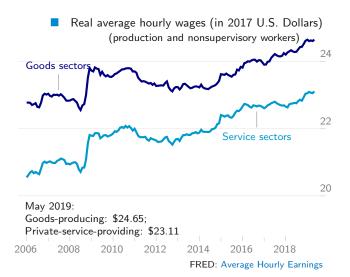
Real hourly wages and output (index, 2009=100) *

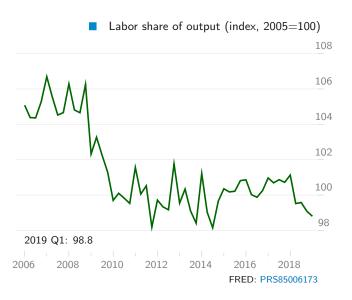
FRED: COMPRNFB, OPHNFB

Wages 105 Output 100 2019 Q1: Wages: 105.2; Output: 107.0 2006 2008 2010 2012 2014 2016 2018

Real median weekly earnings (current dollars) 960 (full-time wage and salary earners age 25-54) 940 920 one-vear moving average 900 880 2019 Q1: \$952.80 2006 2008 2010 2012 2014 2016 2018

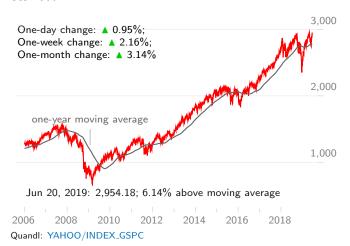
FRED: LEU0252887900Q; adjusted for inflation by CPI-U.



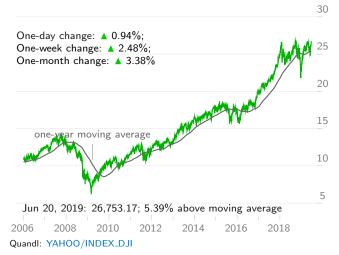


Equity Markets

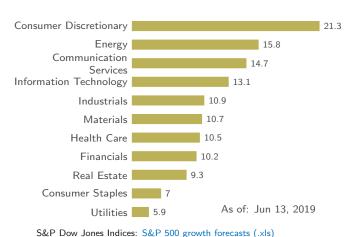
S&P 500



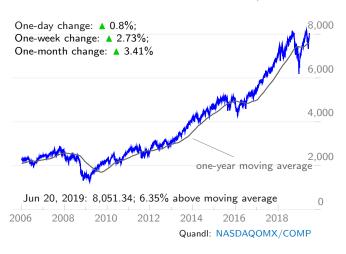
Dow Jones Industrial Average (thousands)



S&P 500 five-year annual growth forecast



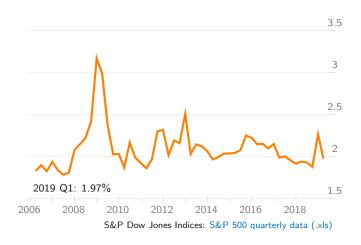
NASDAQ Composite Index



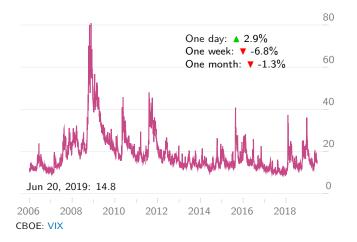
...combined and indexed (2006=100)

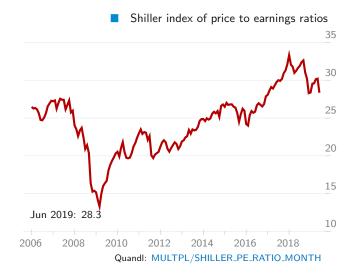


■ S&P 500 dividend yield (percent)



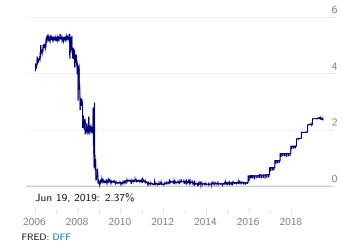
CBOE volatility index (VIX) *





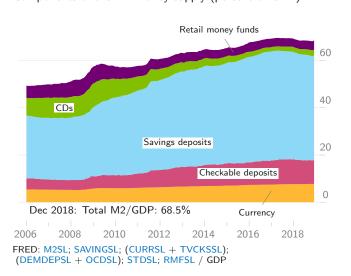
Money and Interest Rates

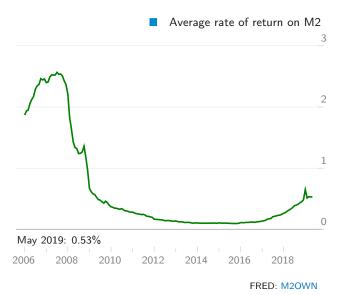
Effective fed funds rate *





Components of the M2 money supply (percent of GDP)





Treasury bond real yield by maturity



Quandl: USTREASURY/REALYIELD

Treasury yield spreads



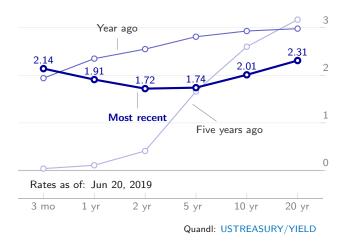
Corporate bonds AAA (effective yield)

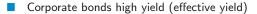


Jun 20, 2019: 2-year 3-year 2-year 2-year 3-year 4-year 2-year 2-year 3-year 4-year 2-year 2-year 3-year 4-year 2-year 3-year 4-year 2-year 2-year 3-year 4-year 2-year 2-year 3-year 4-year 4-year 2-year 3-year 4-year 2-year 3-year 4-year 4-year

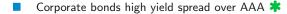
Treasury bill and bond yield curve 🗱

Quandl: USTREASURY/YIELD











Corporate bonds total return index

2016

FRED: BAMLH0A0HYM2EY - DGS10

2018

2014

... high yield spread over 10-year treasury

One week: ▼ -8 bp

One month: A 5 bp

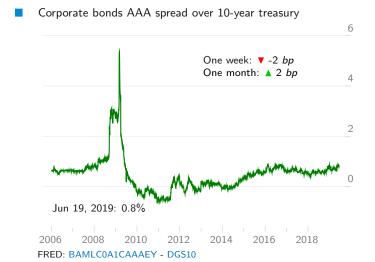
25

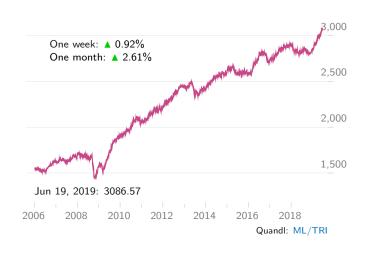
20

15

10

0





Jun 19, 2019: 4.0%

2008

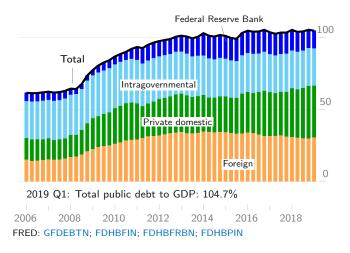
2010

2012

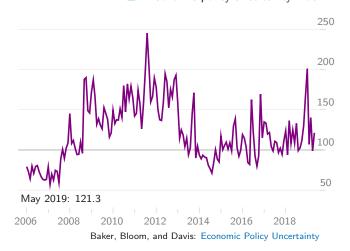
2006

Government and Policy

■ Total public debt by holder (percent of GDP)



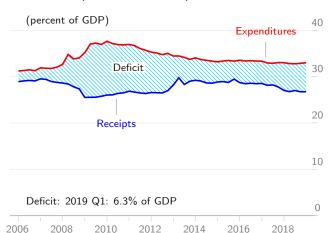
■ Economic policy uncertainty index

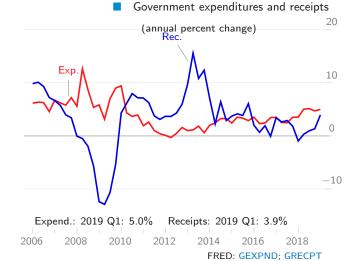


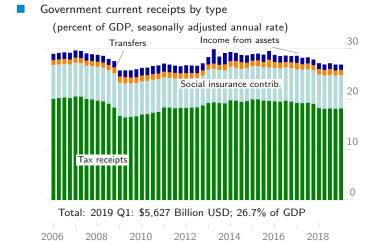
Updated: June 20, 2019 *: Key indicator

■ Government expenditures and receipts *****

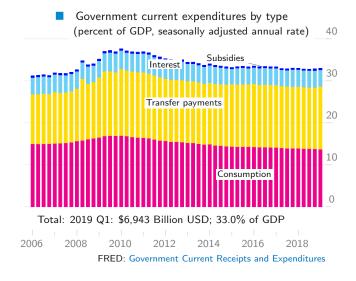
FRED: GEXPND; GRECPT







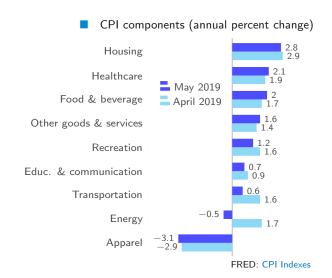
FRED: Government Current Receipts and Expenditures



Prices

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

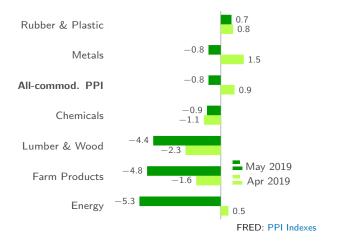
All-items (CPI



Producer price index, all commodities (PPIACO)



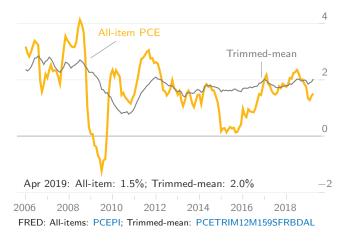
■ PPIACO selected components (annual percent change)



5-Year forward inflation expectation rate *
 (expected average annual inflation rate, percent)



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



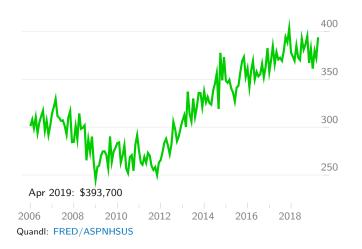
Oil price (USD per barrel, WTI)



■ PPI growth: metals (annual percent change)



Average sales price for new houses (thousands of USD)





■ Gold price (USD per ounce)

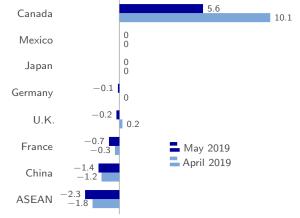




Export and import prices (annual percent change)



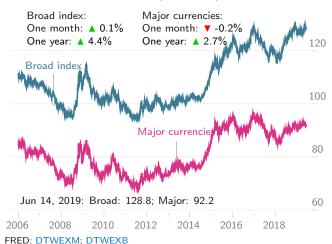
Import prices by locality of origin (annual percent change)

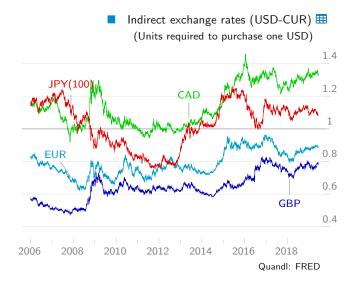


FRED: Import Price Indexes by Locality of Origin

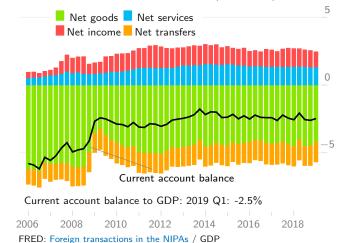
Trade and External Sector Indicators

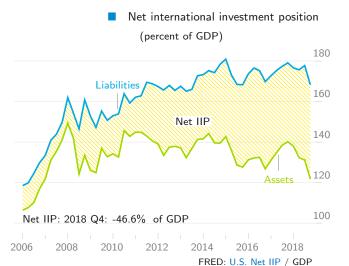
■ Trade weighted dollar indices (1973=100) *****



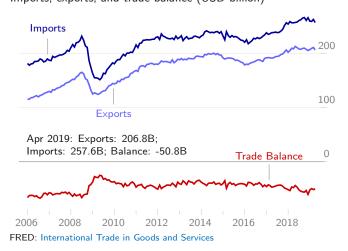


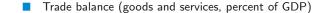


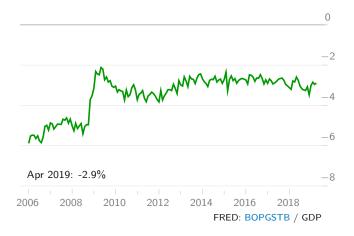




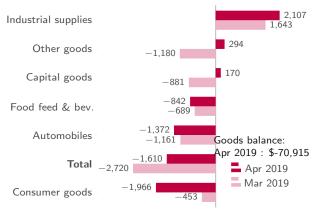
Imports, exports, and trade balance (USD billion)





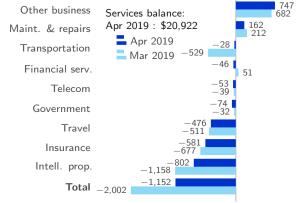


■ Net exports of goods (USD, millions, one-year change)



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

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



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

Capital Flows

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

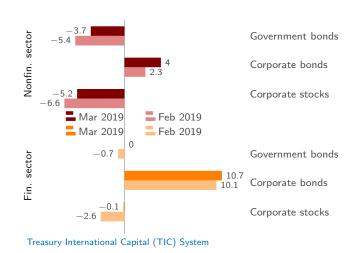


Treasury International Capital (TIC) System

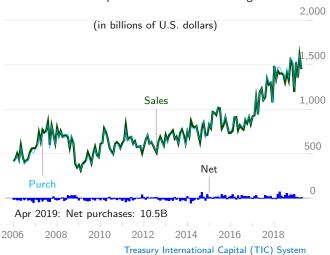
Foreign purchases and sales of U.S. securities (in billions of U.S. dollars)



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



U.S. purchases and sales of foreign securities



Updated: June 20, 2019 *: Key indicator 20