Macro and Markets Dashboard: United States

Updated: July 10, 2019

Key Indicators

		change over prev.		as of:
III ■ Real GDP	18.9T	▲ 3.1%		2019 Q1
■ Unemp. rate	3.7%	▲ 0.1		Jun 2019
■ CPI Inflation	1.8%	▼ -0.2		May 2019
		one week change	one month change	as of:
Ⅲ Ⅲ S&P 500	2,975.95	▲ 1.2%	▲ 4.7%	2019-07-08
<u>III</u> Ⅲ DJIA	26,806.14	▲ 0.8%	▲ 4.2%	2019-07-08
III ■ NASDAQ	8,098.38	▲ 1.2%	▲ 6.4%	2019-07-08
Ⅲ Ⅲ VIX	13.96	▼ -7.4%	▼ -12.4%	2019-07-08
11 2-yr t-bond	1.92%	▲ 0.14	▲ 0.07	2019-07-09
📶 🖽 10-yr t-bond	2.07%	▲ 0.04	▼ -0.02	2019-07-09
Crude oil	\$57.83	▼ -2.1%	▲ 7.1%	2019-07-09
Ⅲ Ⅲ USD index	91.73	▲ 0.9%	▼ -0.3%	2019-07-05

chart: 📶 data: ⊞

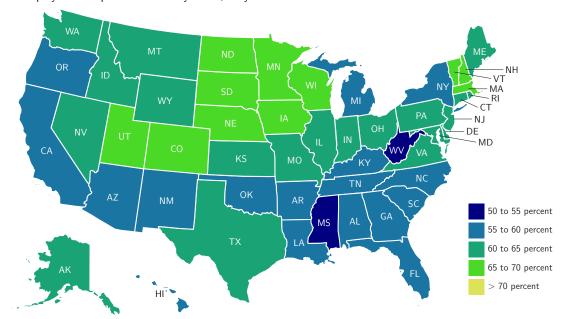
About the Dashboard

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, May 2019



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



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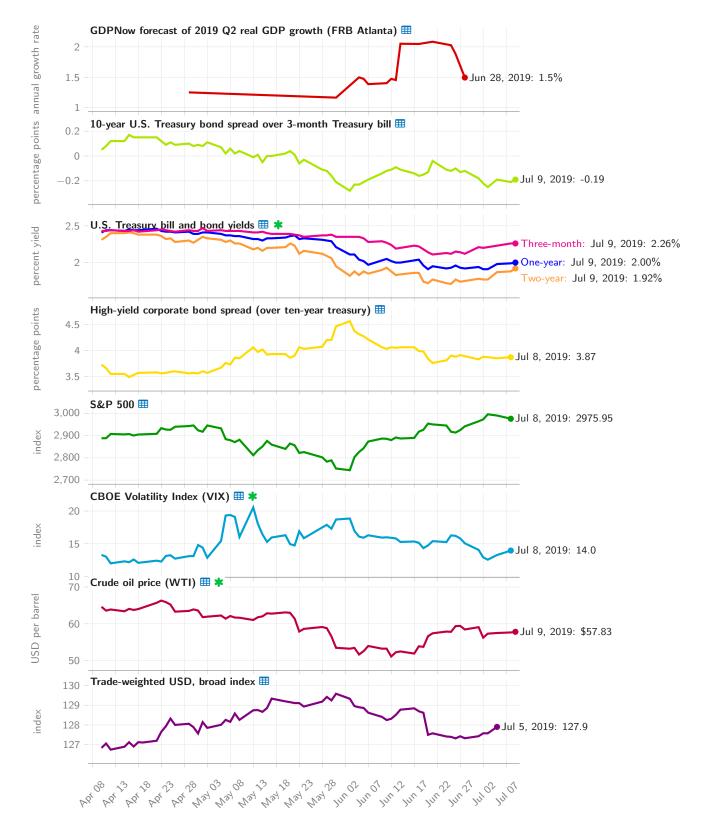
Brian Dew

★ bd-econ.com

■ brianwdew@gmail.com

y @bd_econ

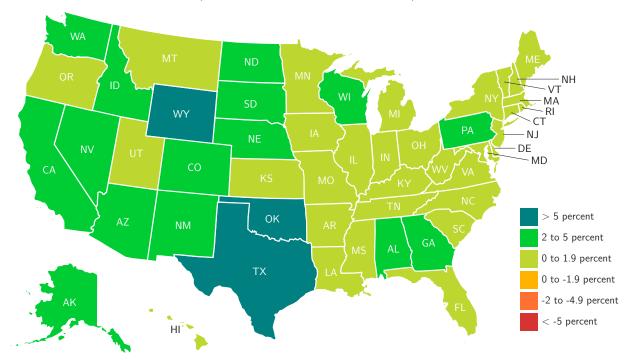
High-frequency indicators



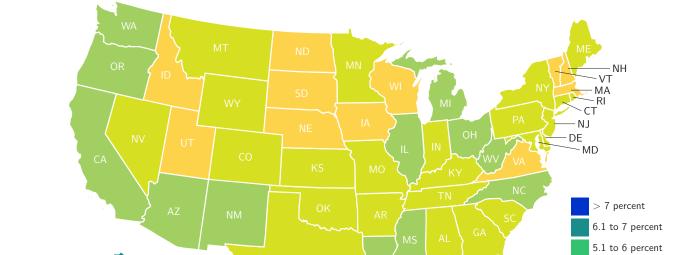
State-level economic indicators

■ Unemployment rate by state, May 2019

■ 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)

4.1 to 5 percent 3 to 4 percent < 3 percent

3

Macroeconomic Indicators: Overview

Components of real gross domestic product (GDP)
(chained 2009 USD, trillion)

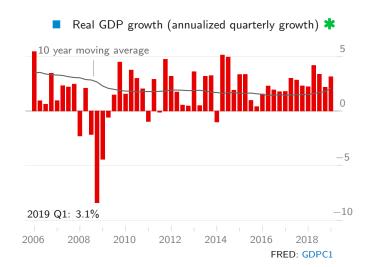
Real GDP

Consumption

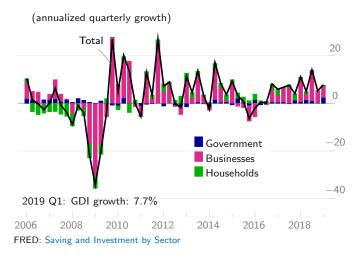
Real GDP: 2019 Q1: 18.9T

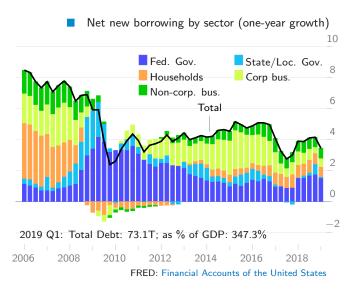
Net Exports
2006 2008 2010 2012 2014 2016 2018

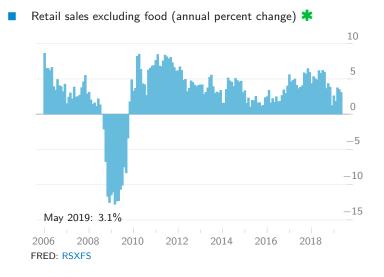
FRED: GDPC1; GCEC1; GPDIC1; NETEXC; PCECC96



■ Gross domestic investment (GDI)



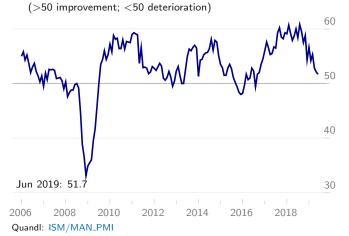






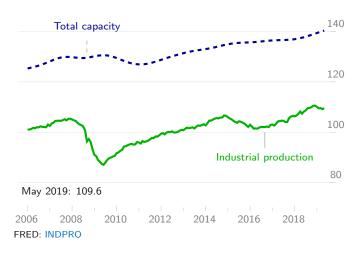
Macroeconomic Indicators: Businesses

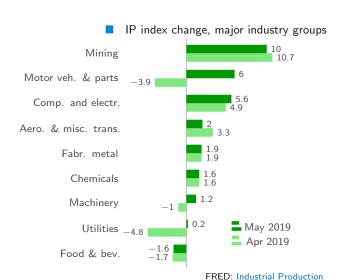
ISM manufacturing purchasing managers' index





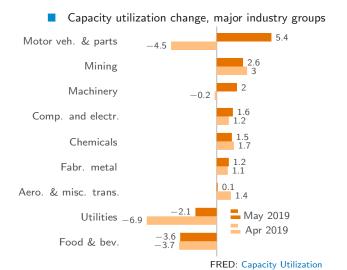
■ Industrial production (IP) index (2012=100) *****





■ Total capacity utilization (percent of capacity)





2006

2008

2010

2012

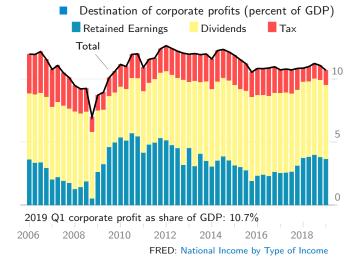
2014

2016

Quandl: ISM/NONMAN_NMI

Real private nonresidential fixed investment

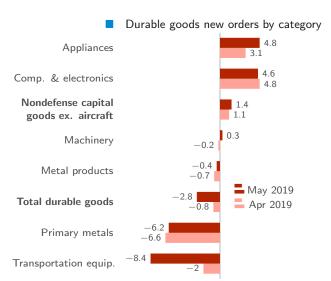




Durable goods new orders (annual percent change) *

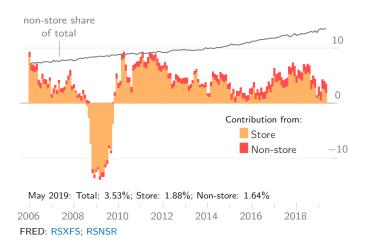
FRED: Real Private Investment by Type

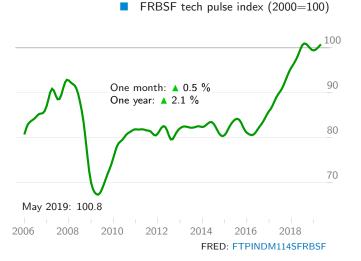




FRED: Manufacturer's Shipments, Inventories, and Orders (M3) Survey

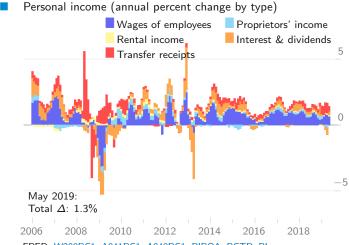
Retail sales, store vs. non-store (annual growth rate)





Updated: July 10, 2019 *: Key indicator 6

Macroeconomic Indicators: Households





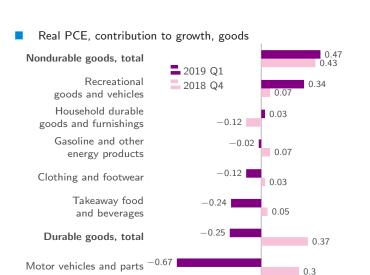
May 2019: 2.1%

2008

FRED: PCEC96 / POPTHM

2010

2006



FRED: Contribution to Real PCE Growth by Major Type of Product

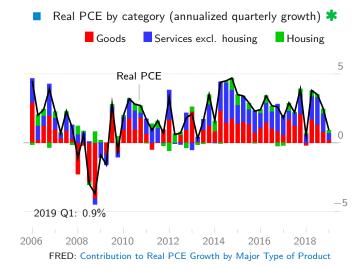
2012

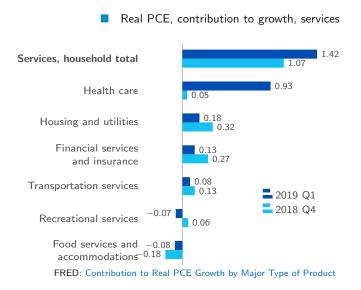
2014

2016

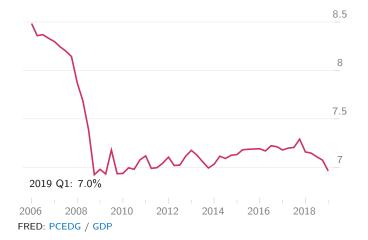
2018



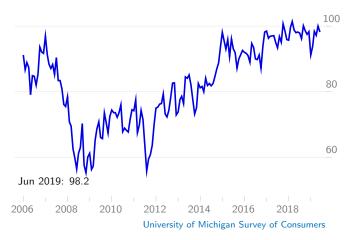




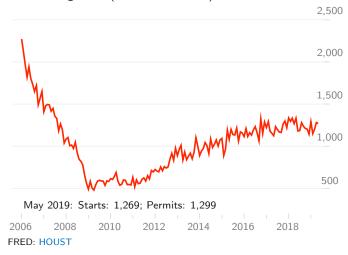
PCE on durable goods (percent of GDP) *



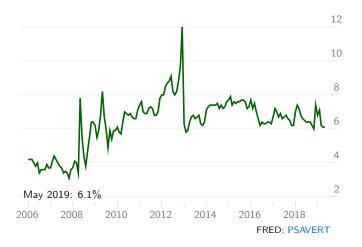
University of Michigan consumer sentiment index



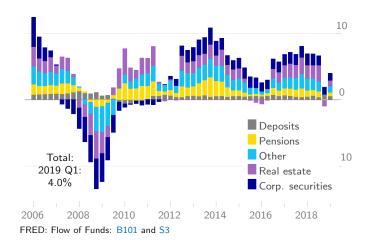
New housing starts (thousands of units)



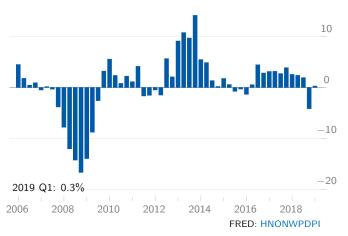
Personal saving rate (percent of disposable income)



Household and nonprofits assets (annual growth rate)

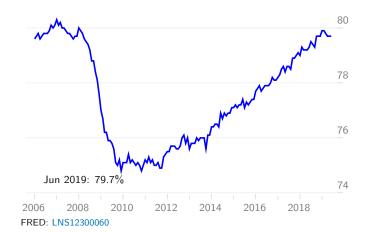


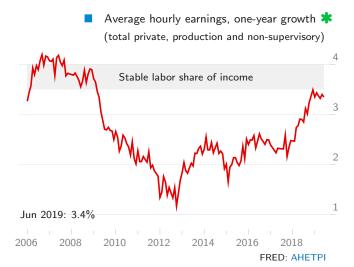
Net wealth as percent of gross disposable income (households and nonprofits, annual percent change)

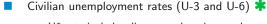


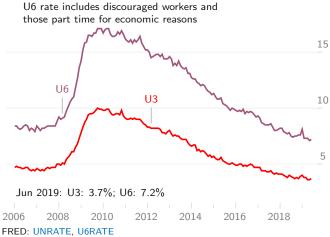
Labor Markets

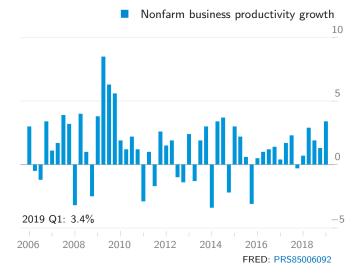
■ Employed share of age 25-54 population *



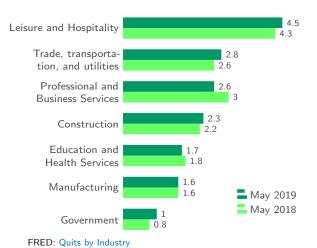


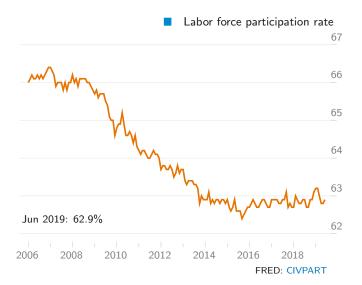






Quits rate by industry





Share of unemployed by duration

(percentage of total)

> 27 weeks (long-term)

40

5-14 weeks

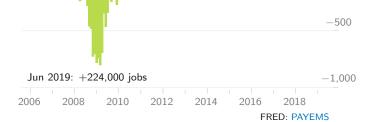
10

2012

2018



Nonfarm payrolls (monthly job growth, thousands) *



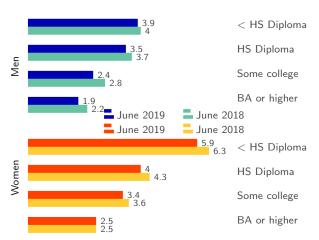
Unemployment rate by gender and education level

2010

FRED: Unemployed persons by duration

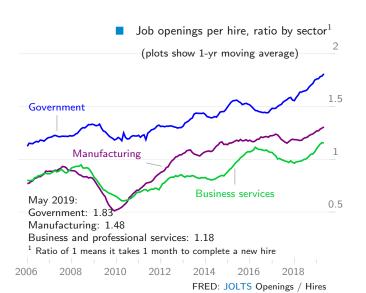
2006

2008

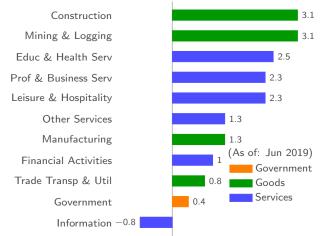


FRED: Unemployment rates, 25-64 years

FRED: Current Employment Statistics



Payroll growth by sector (annual percent change)



Serv. 5

Goods 0

Gov. -5

Goods: 2.0%; Services: 1.7%; Government: 0.4%

2006 2008 2010 2012 2014 2016 2018

FRED: Current Employment Statistics

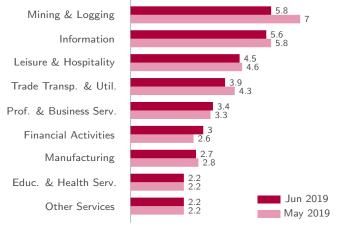
Payrolls (annual percent change by major category)

New jobless claims (weekly, thousands)

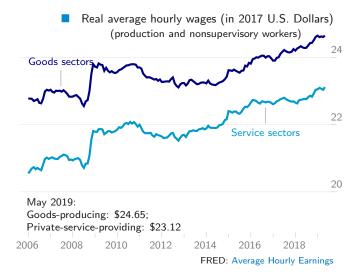


Real median weekly earnings (current dollars) 960 (full-time wage and salary earners age 25-54) 940 920 one-vear moving average 900 880 2019 Q1: \$952.80 2006 2008 2010 2012 2014 2016 FRED: LEU0252887900Q; adjusted for inflation by CPI-U.

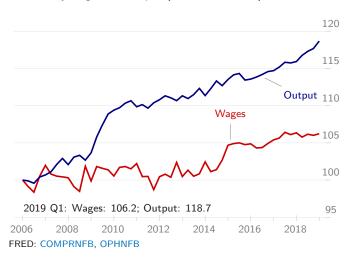
Nominal average hourly wage growth (annual percent change)

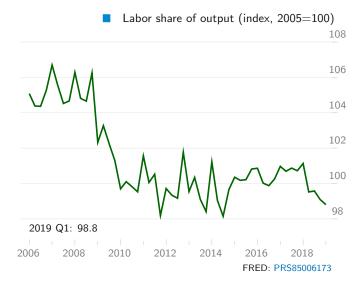


FRED: Average Hourly Earnings, Production and Nonsupervisory Employees



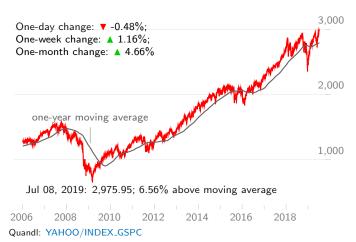
Real hourly wages and output (index, 2006=100) *



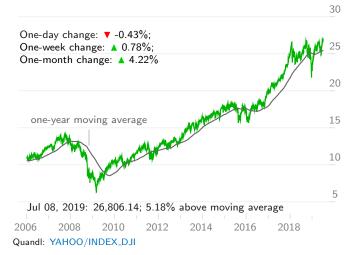


Equity Markets

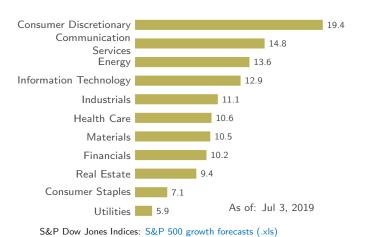




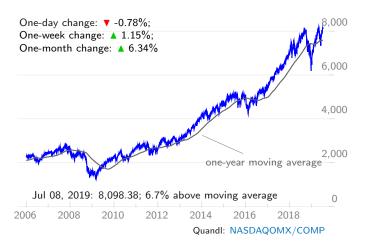
Dow Jones Industrial Average (thousands)



S&P 500 five-year annual growth forecast



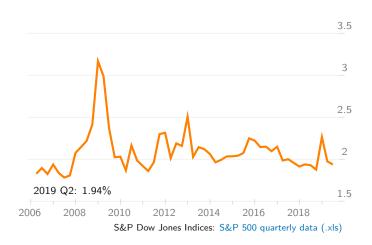
■ NASDAQ Composite Index



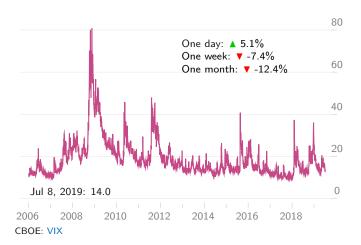
...combined and indexed (2006=100)

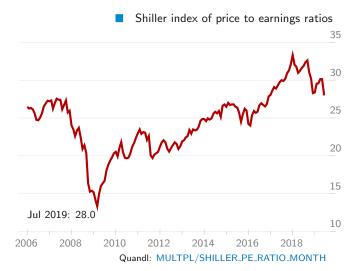


■ S&P 500 dividend yield (percent)



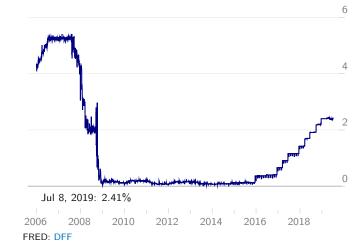
■ CBOE volatility index (VIX) *

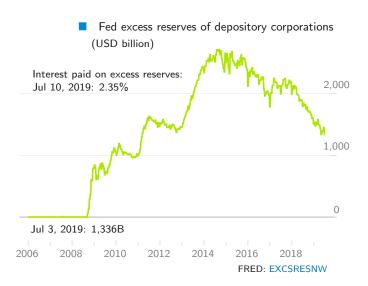




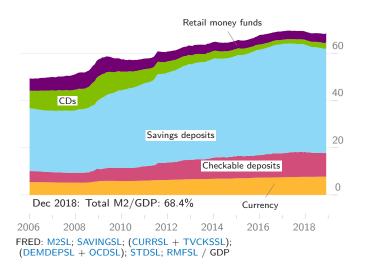
Money and Interest Rates

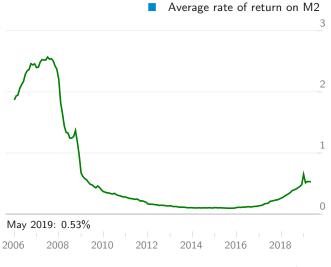
Effective fed funds rate *





■ Components of the M2 money supply (percent of GDP)





FRED: M2OWN

Treasury bond real yield by maturity



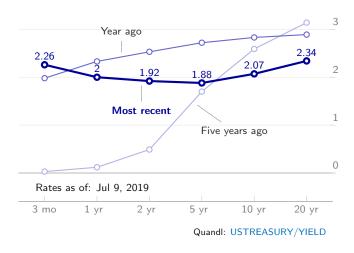
2- and 10-year treasury constant maturity rates



Treasury yield spreads



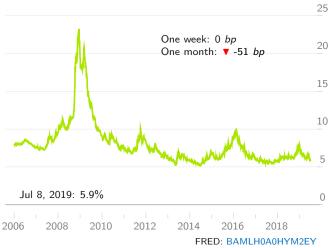
■ Treasury bill and bond yield curve *

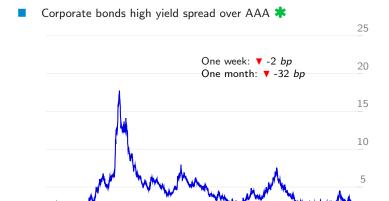


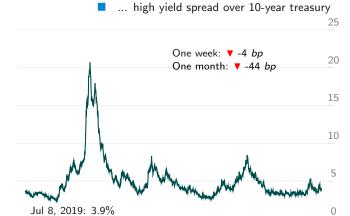
Corporate bonds AAA (effective yield)



■ Corporate bonds high yield (effective yield)







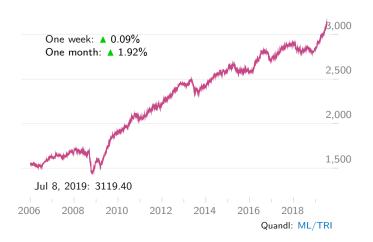
Corporate bonds AAA spread over 10-year treasury

FRED: BAMLH0A0HYM2EY - BAMLC0A1CAAAEY



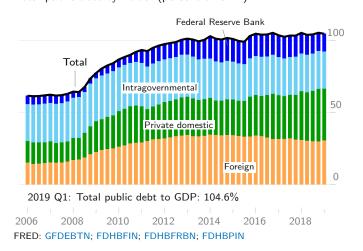


FRED: BAMLH0A0HYM2EY - DGS10

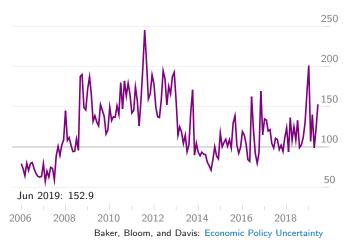


Government and Policy

■ Total public debt by holder (percent of GDP)

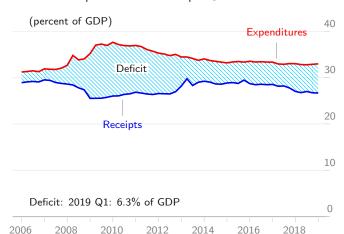


■ Economic policy uncertainty index

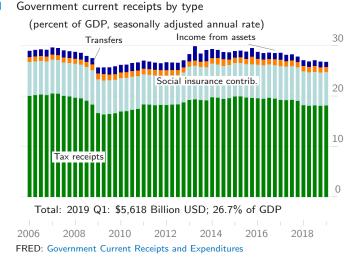


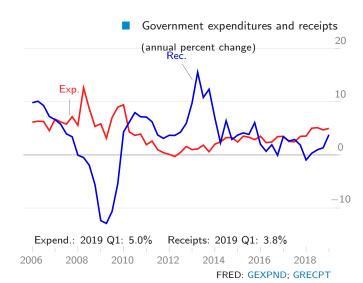
Updated: July 10, 2019 *: Key indicator

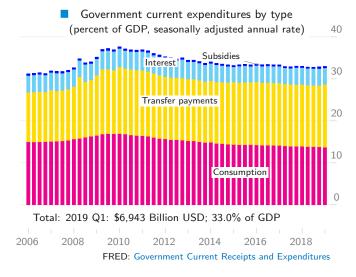
■ Government expenditures and receipts *****



FRED: GEXPND; GRECPT

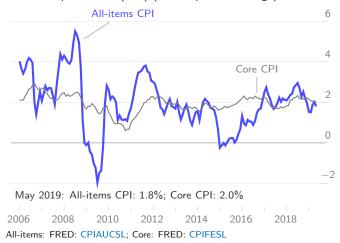


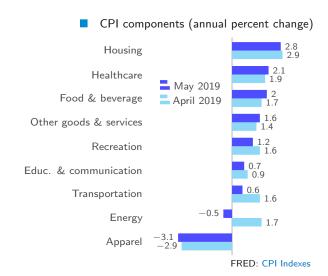




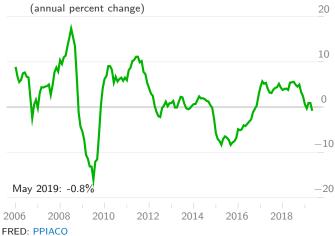
Prices

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

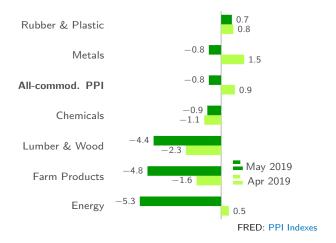




Producer price index, all commodities (PPIACO)



■ PPIACO selected components (annual percent change)

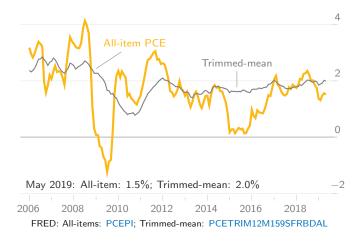


5-Year forward inflation expectation rate *

(expected average annual inflation rate, percent)



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



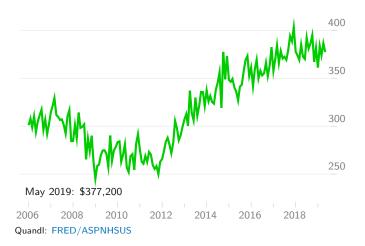
Oil price (USD per barrel, WTI)

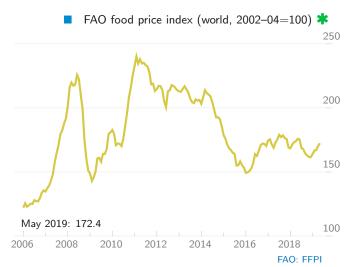


■ PPI growth: metals (annual percent change)



Average sales price for new houses (thousands of USD)



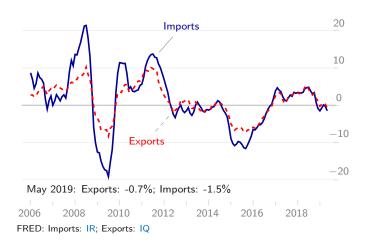


■ Gold price (USD per ounce)

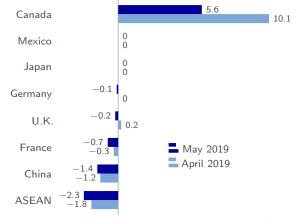




Export and import prices (annual percent change)

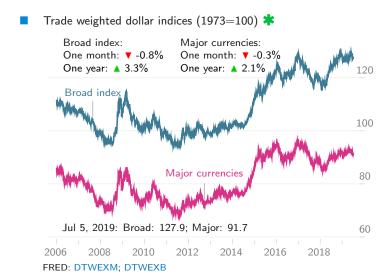


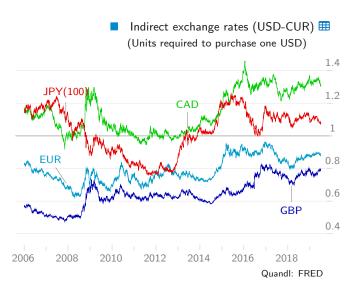
Import prices by locality of origin (annual percent change)

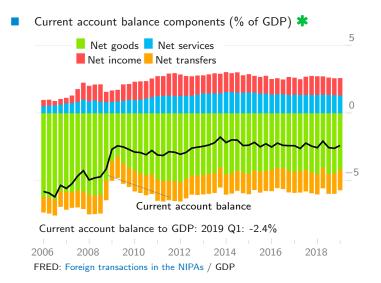


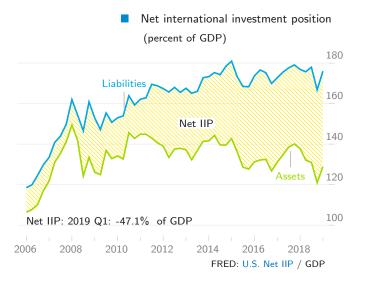
FRED: Import Price Indexes by Locality of Origin

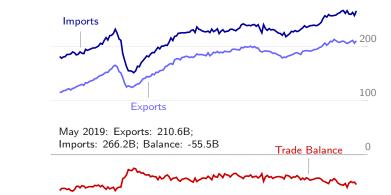
Trade and External Sector Indicators











2012

2014

2016

2018

Imports, exports, and trade balance (USD billion)

2006

2008

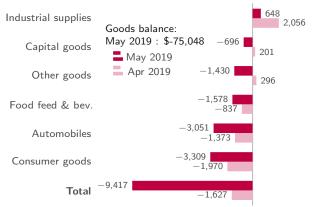
2010

FRED: International Trade in Goods and Services



Trade balance (goods and services, percent of GDP)

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



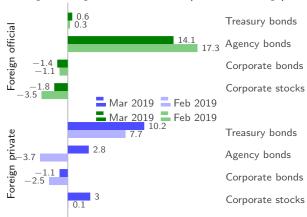
U.S. Census Bureau: U.S. International Trade in Goods

Other business Other business Maint. & repairs Telecom Government Financial serv. Transportation Insurance Intell. prop. Travel Total Total Other business Services balance: May 2019 : \$20,621 Apr 2019 -56 -53 -81 -74 -117 -25 -388 -129 -581 Travel -832 -812 Total Total

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

Capital Flows

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

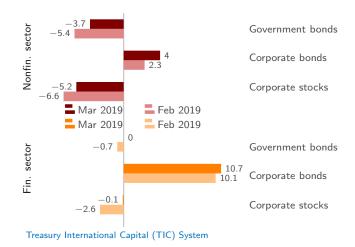


Treasury International Capital (TIC) System

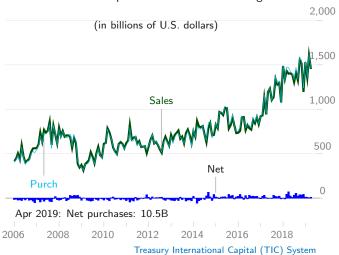
Foreign purchases and sales of U.S. securities (in billions of U.S. dollars) Sales 2,000 Net



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



U.S. purchases and sales of foreign securities



Updated: July 10, 2019 *: Key indicator 20