Macro and Markets Dashboard: United States

Updated: September 12, 2017

Key Indicators

,		change over prev.		as of:
III ■ Real GDP	17.0T	▲ 3.0%		2017 Q2
III Ⅲ Unemp. rate	4.4%	▲ 0.1		Aug 2017
Ⅲ Ⅲ CPI Inflation	1.7%	▲ 0.1		Jul 2017
		one week change	one month change	as of:
Ⅲ Ⅲ S&P 500	2,496.48	▲ 1.6%	▲ 2.3%	2017-09-12
<u>III</u> Ⅲ DJIA	22,118.86	▲ 1.7%	▲ 1.2%	2017-09-12
III Ⅲ NASDAQ	6,454.28	▲ 1.2%	▲ 3.1%	2017-09-12
Ⅲ Ⅲ VIX	10.58	▼ -13.5%	▼ -31.8%	2017-09-12
11 2-yr t-bond	1.33%	▲ 0.03	▲ 0.03	2017-09-12
Ⅲ Ⅲ 10-yr t-bond	2.17%	▲ 0.10	▼ -0.02	2017-09-12
Crude oil	\$48.23	▼ -0.9%	▼ -1.2%	2017-09-12
Ⅲ Ⅲ USD index	86.04	▼ -1.7%	▼ -2.8%	2017-09-08

chart: 📶 data: ⊞

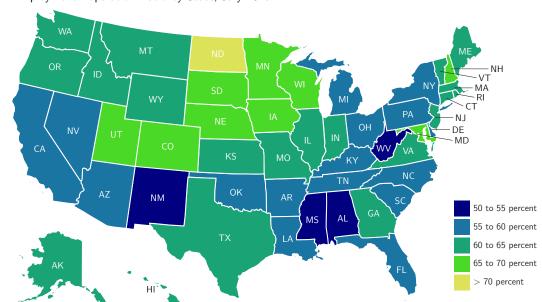
About the Dashboard

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 the week

■ Employment-Population Ratio by State, July 2017



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



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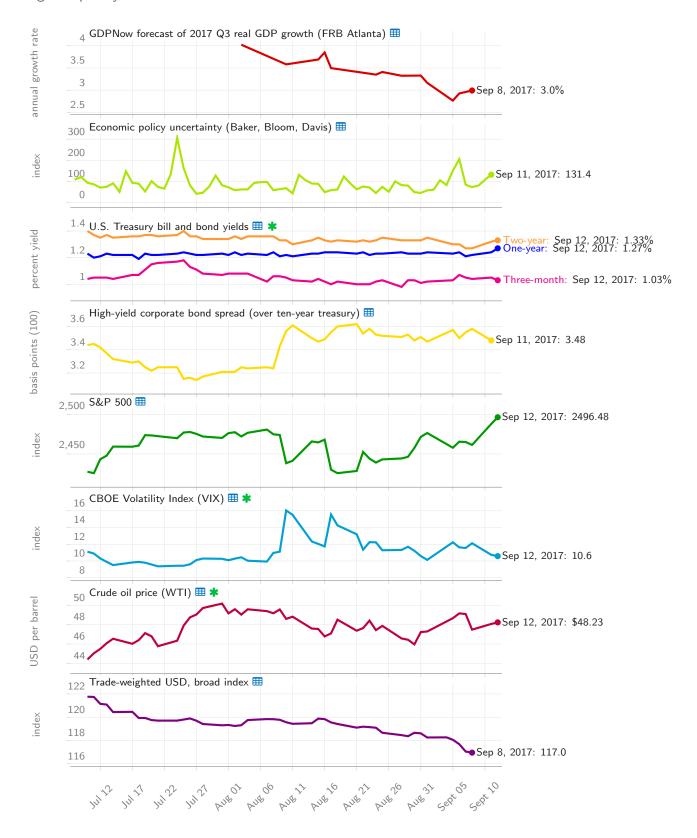
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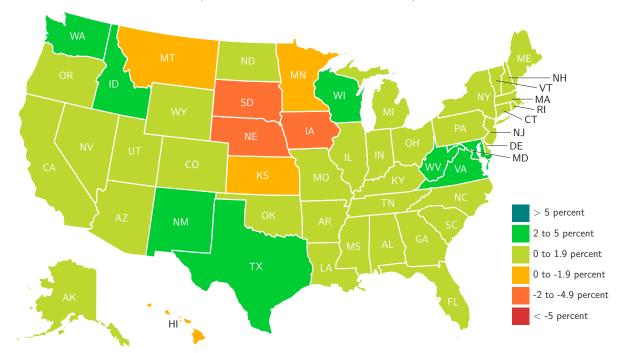
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High-frequency indicators

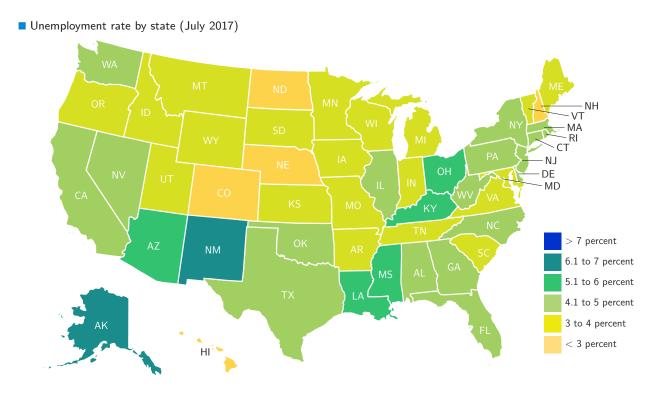


State-level economic indicators

■ Real GDP growth by state in 2017 Q1 (change over previous quarter, annualized)

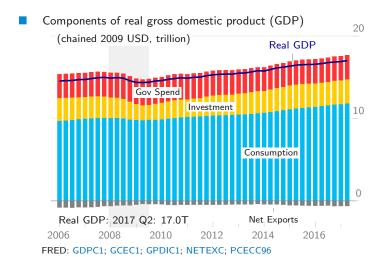


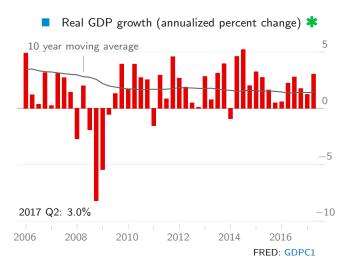
Source: U.S. Bureau of Economic Analysis (BEA), Regional Economic Accounts: GDP by State

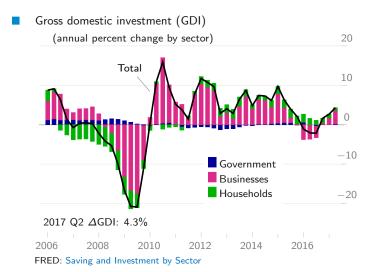


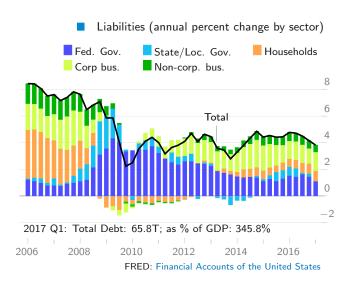
Source: U.S. Bureau of Labor Statistics (BLS), Local Area Unemployment Statistics (LAUS)

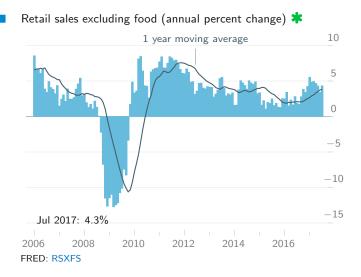
Macroeconomic Indicators: Overview

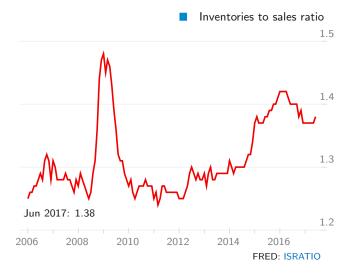






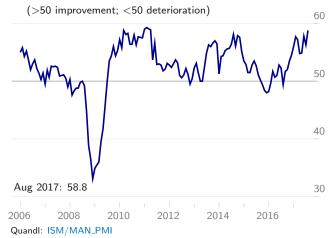


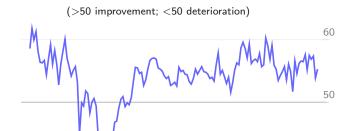




Macroeconomic Indicators: Businesses

ISM manufacturing purchasing managers' index

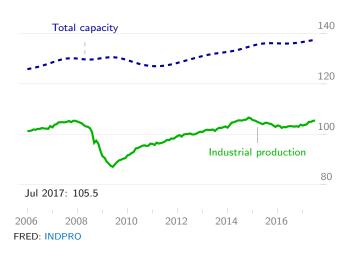


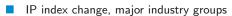


■ ISM non-manufacturing business activity index

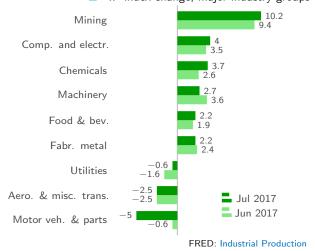


Industrial production (IP) index (2012=100) *





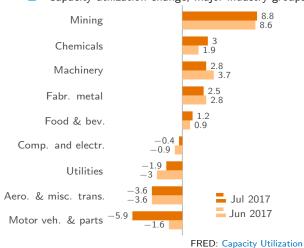
40



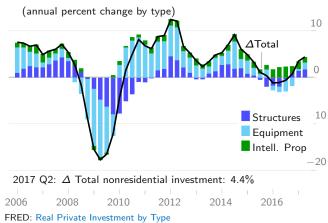
Total capacity utilization (percent of capacity)

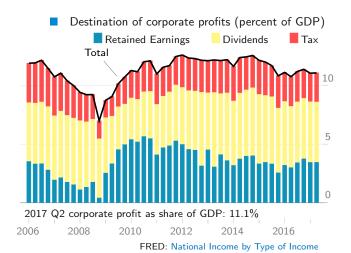


Capacity utilization change, major industry groups



Real nonresidential fixed investment

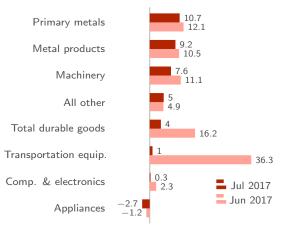




Durable goods new orders (annual percent change) *

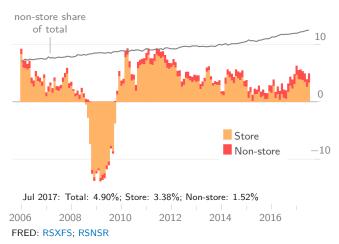


Durable goods new orders by category



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

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

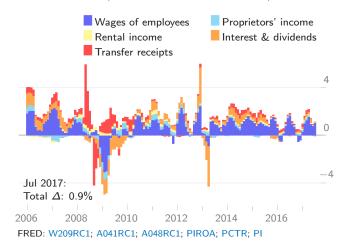


FRBSF tech pulse index (2000=100)



Macroeconomic Indicators: Households

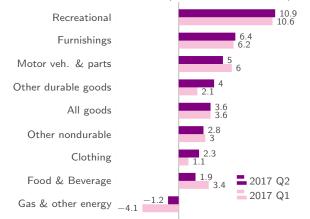
Personal income (annual percent change by type)



Personal consumption expenditure (PCE)

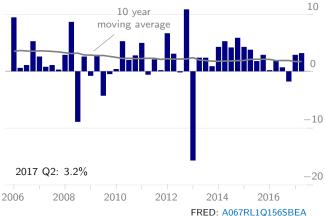


Real PCE on goods by type (annual percent change)

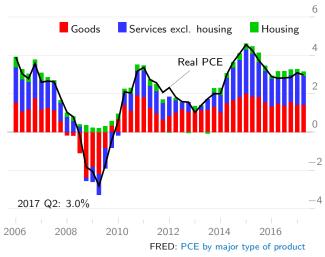


FRED: Real PCE by Major Type of Product

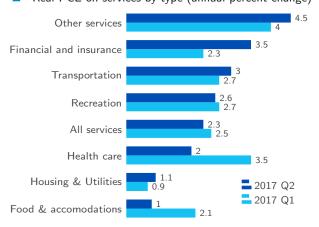
Real disposable personal income * (annual percent change)



Real PCE by category (annual percent change) *



Real PCE on services by type (annual percent change)

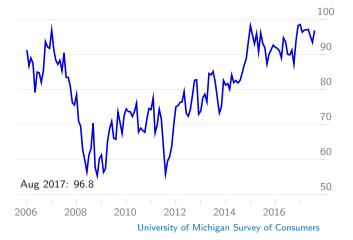


FRED: Real PCE by Major Type of Product

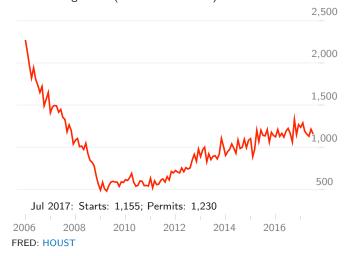
■ PCE on durable goods (percent of GDP) *****



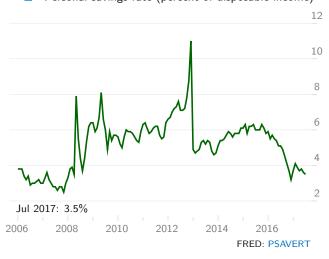
University of Michigan consumer sentiment index



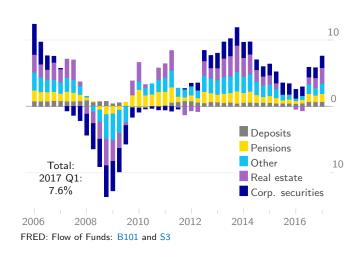
New housing starts (thousands of units)



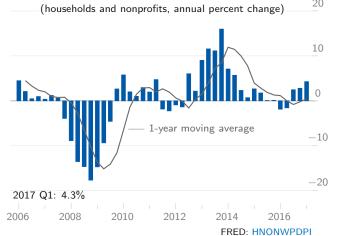
Personal savings rate (percent of disposable income)



■ Household and nonprofits assets (annual growth rate)

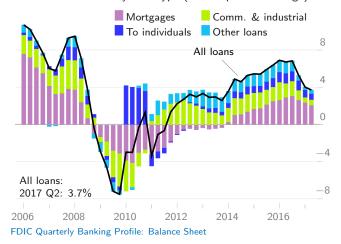


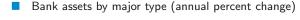
Net wealth as percent of gross disposable income

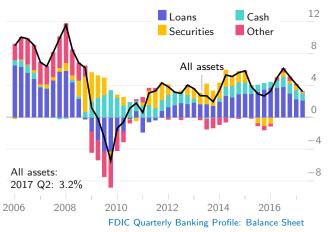


Depository Corporations

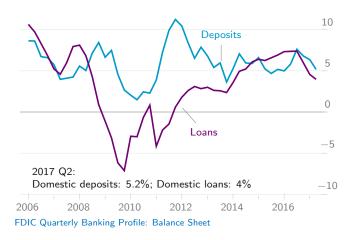
Value of bank loans by loan type (annual percent change)



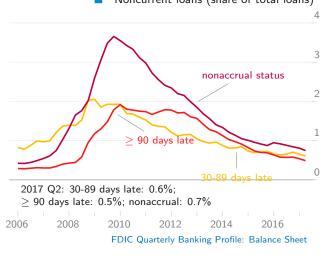




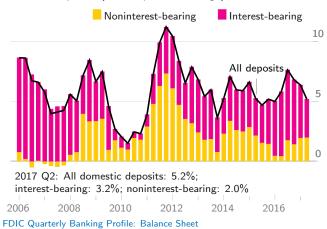
Domestic loans and deposits (annual percent change)

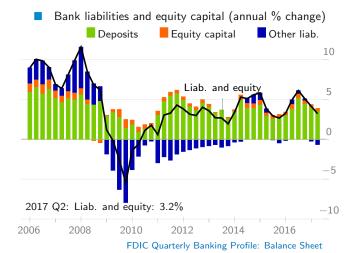


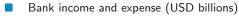
Noncurrent loans (share of total loans)

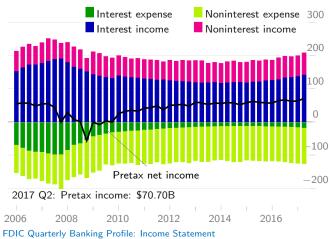


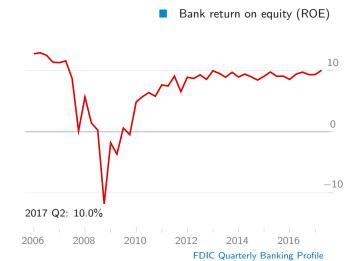
Domestic deposits (annual percent change)



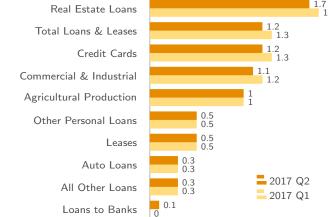








Noncurrent rate by loan type * Real Estate Loans



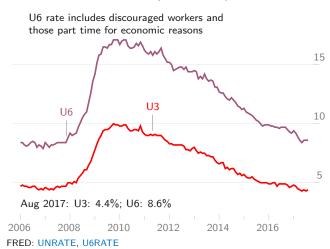


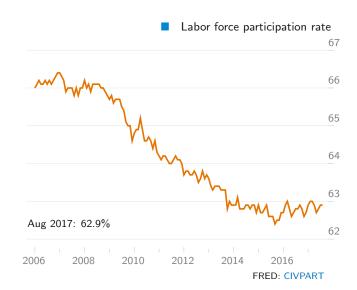
Loans to assets ratio by total bank assets (percent of loans) \$100M-\$1B 70 \$1-10B \$100M 60 50 > \$10B 2017 Q2: < \$100M: 58.8%; 40 \$100M-1B: 67.2%; \$1B-10B: 69.2%; > \$10B: 46.9% 2006 2008 2012

FDIC Quarterly Banking Profile: Ratios by Asset Size Group

Labor Markets

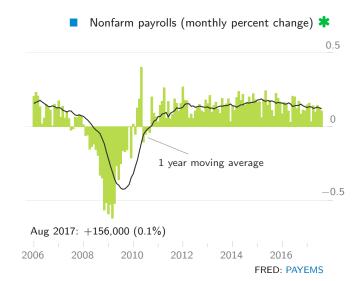
Civilian unemployment rates (U-3 and U-6) *

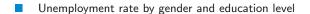




Share of unemployed by duration (percentage of total) > 27 weeks (long-term) 40 5-14 weeks 15-27 weeks

2012



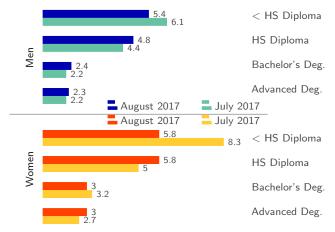


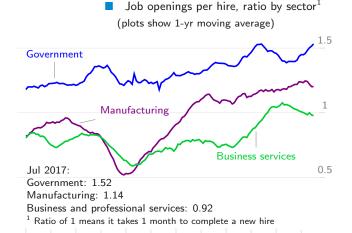
2010

2006

2008

FRED: Unemployed persons by duration

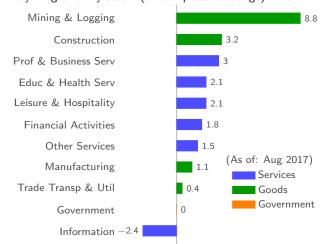




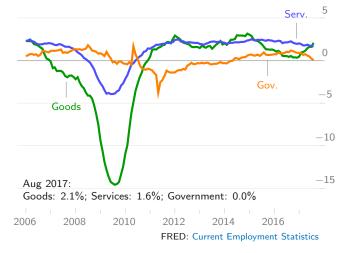
FRED: Unemployment rates, 25-64 years



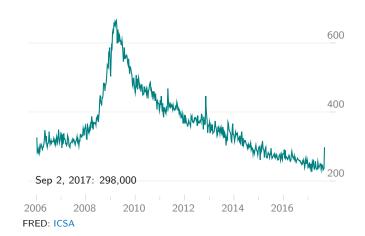
Payroll growth by sector (annual percent change)



Payrolls (annual percent change by major category)

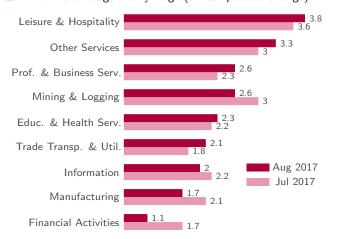


New jobless claims (weekly, thousands)



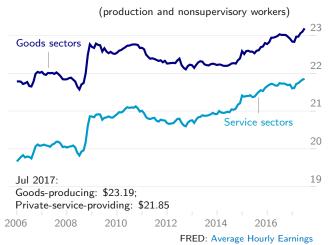
Real median weekly wage (1982-84 dollars) 340 330 320 2017 Q2: 354 2006 2012 2008 2010 2014 2016

Nominal average hourly wage (annual percent change)



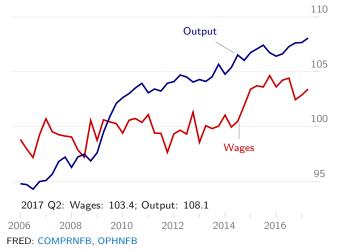
Real average hourly wages (in 2017 U.S. Dollars)

FRED: LES1252881600Q

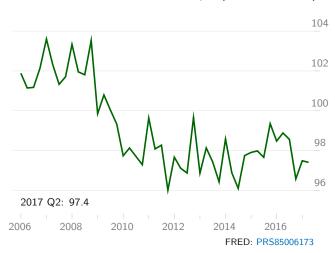


FRED: Average Hourly Earnings, Production and Nonsupervisory Employees

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



Labor share of output (index, 2005=100)



Equity Markets

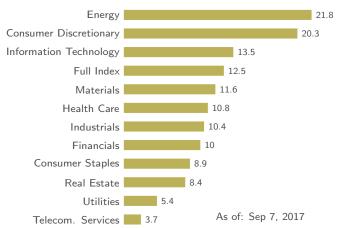
S&P 500



Dow Jones Industrial Average (thousands)



S&P 500 five-year growth forecast by sector



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

■ NASDAQ Composite Index

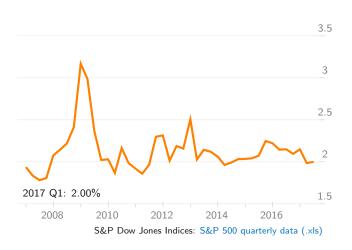


...combined and indexed (2006=100)

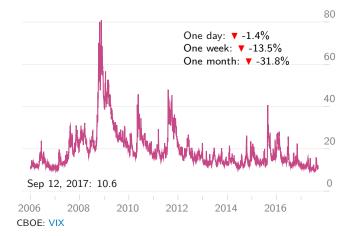
Quandl: NASDAQOMX/COMP



■ S&P 500 dividend yield (percent)



CBOE volatility index (VIX) *

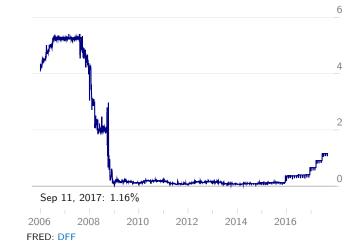


Shiller index of price to earnings ratios

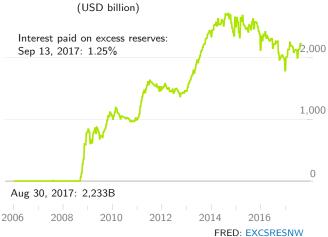


Money and Interest Rates

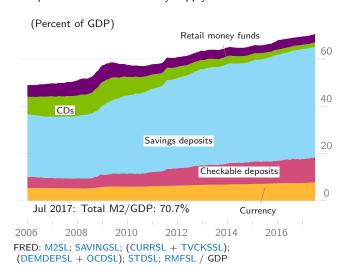
Effective fed funds rate *



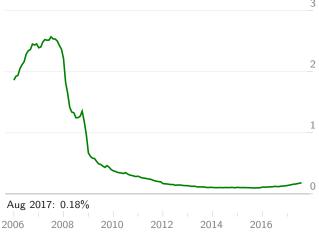
Fed excess reserves of depository corporations



Components of the M2 money supply

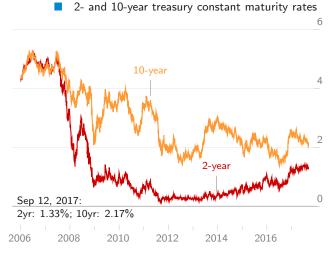


Average rate of return on M2



Treasury bond real yield by maturity

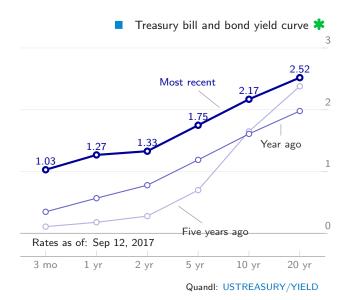




Quandl: USTREASURY/YIELD

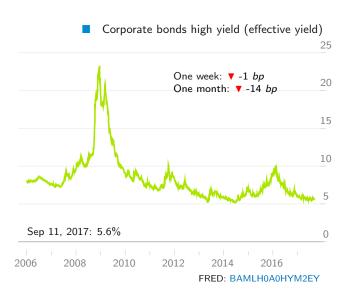
Treasury yield spreads



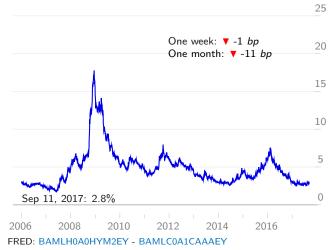


Corporate bonds AAA (effective yield)



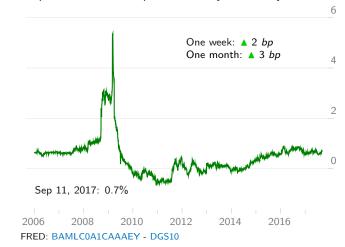


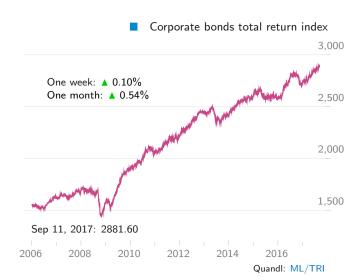






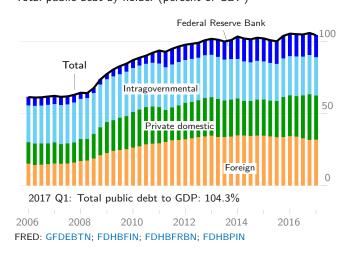
Corporate bonds AAA spread over 10-year treasury



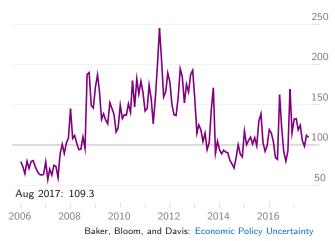


Government and Policy

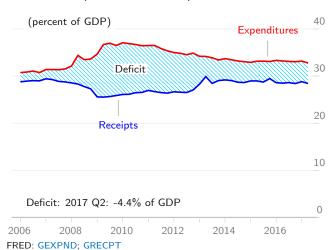
■ Total public debt by holder (percent of GDP)



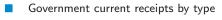
■ Economic policy uncertainty index

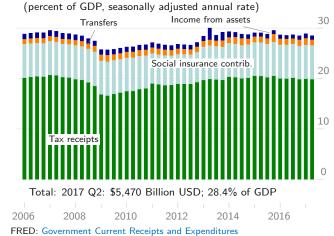


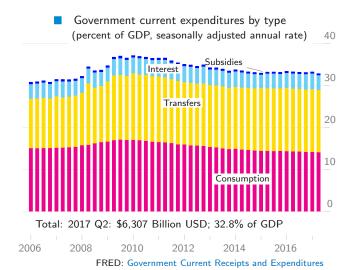
Government expenditures and receipts *



Expend.: 2017 Q2: 2.5% Receipts: 2017 Q2: 3.6% 2008 2010 2012 2006 2014 FRED: GEXPND; GRECPT







Government expenditures and receipts

10

-10

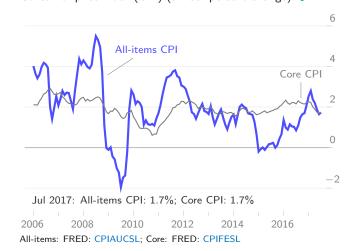
2016

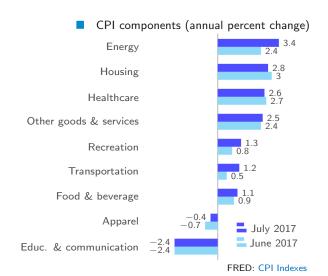
(annual percent change)

Rec.

Prices

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





Producer price index, all commodities (PPIACO)



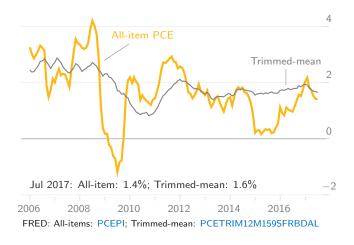
PPIACO selected components (annual percent change)



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)

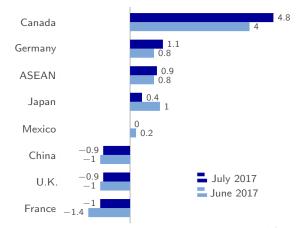




Export and import prices (annual percent change)

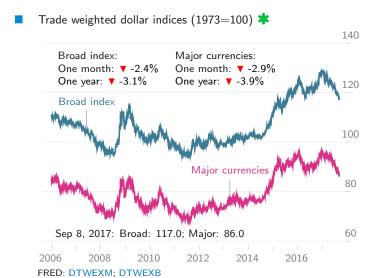


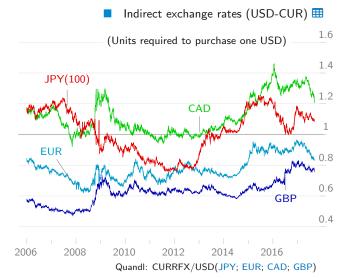
Import prices by locality of origin (annual percent change)

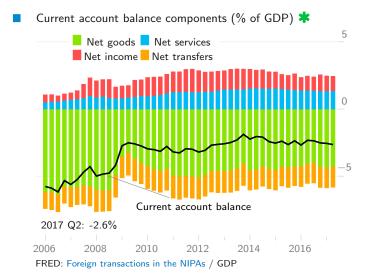


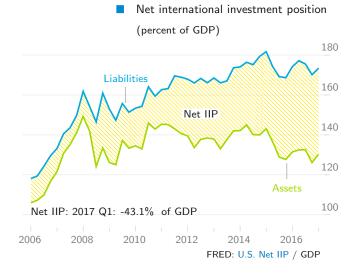
FRED: Import Price Indexes by Locality of Origin

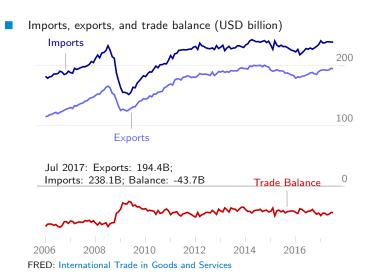
Trade and External Sector Indicators

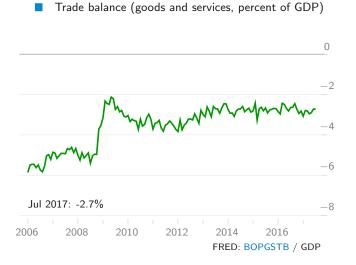




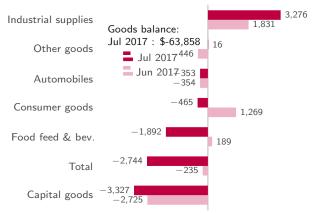








Net exports of goods (USD, millions, one-year change)



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

Net exports of services (USD, millions, one-year change) Other business Services balance: Jul 2017: \$21,64 Financial serv. 212 437 Jul 2017 Total Jun 2017 115 Maint. & repairs -48 -104 Insurance **−76** Travel Telecom Government Transportation Intell. prop. $^{-1,054}_{-1,021}$

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) 3,000 Purch Sales 1,000



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



Sales

Soles

Furch

Net

Jun 2017: Net purchases: -0.8B

2006 2008 2010 2012 2014 2016

U.S. purchases and sales of foreign securities

Treasury International Capital (TIC) System

Exchange Rate Table

■ Indirect exchange rates against the US Dollar (■ USD)

Currency	$Rate^1$	1 day % ch.	1 week % ch.	1 month % ch.	$1~{ m year}$ $\%~{ m ch}.$	1 year high	1 year low	Updated:
EUR	0.832	▲ 0.09	▼ -1.13	▼ -2.18	▼ -7.01	0.962	0.831	2017-09-11
GBP	0.758	▼ -0.71	▼ -1.79	▼ -1.41	▲ 0.59	0.831	0.750	2017-09-11
JPY	108.231	▼ -0.04	▼ -1.45	▼ -1.68	▲ 5.14	118.253	100.324	2017-09-11
■◆■ CAD	1.215	▲ 0.35	▼ -1.87	▼ -4.48	▼ -6.37	1.375	1.211	2017-09-11
■ MXN	17.730	▲ 0.45	▼ -0.47	▼ -1.24	▼ -6.25	21.921	17.490	2017-09-11
AUD	1.242	▲ 0.08	▼ -1.09	▼ -2.03	▼ -6.61	1.393	1.241	2017-09-11
** CNY	6.531	▲ 0.71	▼ -0.24	▼ -2.16	▼ -2.04	6.957	6.485	2017-09-11
CHF	0.948	▼ -0.20	▼ -1.40	▼ -1.69	▼ -2.92	1.030	0.945	2017-09-11
™ ∵ NZD	1.381	▲ 0.10	▼ -1.03	▲ 1.55	▲ 1.08	1.463	1.329	2017-09-11
SEK	7.942	▲ 0.29	▼ -0.46	▼ -2.92	▼ -6.86	9.404	7.919	2017-09-11
NOK	7.749	▲ 0.26	▼ -0.47	▼ -2.55	▼ -6.46	8.712	7.729	2017-09-11
DKK	6.191	▲ 0.09	▼ -1.10	▼ -2.16	▼ -7.03	7.155	6.186	2017-09-11
RUB	57.317	▲ 0.71	▼ -0.26	▼ -4.80	▼ -12.68	65.960	55.780	2017-09-11
★ HKD	7.812	▼ -0.01	▼ -0.16	▼ -0.03	▲ 0.72	7.826	7.753	2017-09-11
SGD	1.342	▲ 0.23	▼ -1.10	▼ -1.51	▼ -1.14	1.451	1.339	2017-09-11
TWD	29.988	▼ -0.16	▼ -0.47	▼ -0.71	▼ -5.13	32.437	29.988	2017-09-11
C* TRY	3.409	▲ 0.19	▼ -0.56	▼ -3.80	▲ 12.80	3.877	2.942	2017-09-11
KRW	1132.870	▲ 0.52	▲ 1.23	▼ -0.47	▲ 2.46	1209.840	1093.250	2017-09-11
ZAR	12.903	▲ 0.81	▼ -0.31	▼ -4.05	▼ -11.49	14.470	12.470	2017-09-11
♦ BRL	3.178	▲ 2.52	0.00	▲ 0.80	▼ -2.87	3.576	3.056	2017-09-11
INR	63.931	▼ -0.03	▼ -0.13	▲ 0.07	▼ -4.43	68.805	63.641	2017-09-11
□ ILS	3.508	▼ -0.16	▼ -1.93	▼ -2.39	▼ -7.14	3.880	3.482	2017-09-11
EGP	17.633	▲ 0.15	▲ 0.28	▼ -0.77	▲ 49.77	19.620	8.857	2017-09-11
IDR	13197.000	▼ -0.70	▼ -1.02	▼ -0.98	▲ 1.05	13575.000	12944.000	2017-09-11
ТНВ	33.150	▲ 0.22	▲ 0.12	▼ -0.27	▼ -4.74	35.990	33.076	2017-09-11
MYR MYR	4.198	▼ -0.22	▼ -1.68	▼ -2.12	▲ 2.42	4.496	4.073	2017-09-11
ARS	17.260	▲ 0.41	▼ -0.70	▼ -2.56	▲ 12.92	17.802	14.860	2017-09-11
COP	2904.090	▼ -0.02	▼ -0.87	▼ -1.54	▲ 0.35	3181.000	2821.500	2017-09-11
CLP	619.600	▲ 0.97	▼ -0.87	▼ -4.54	▼ -8.40	678.390	613.600	2017-09-11

Quandl: CURRFX/USD(CUR)

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 $^{^{\}rm 1}$ The number of units of foreign currency required to purchase one U.S. dollar.