Macro and Markets Dashboard: United States

Updated: December 8, 2017

Key Indicators

		change over prev.		as of:
III ■ Real GDP	17.2T	▲ 3.3%		2017 Q3
📶 🎛 Unemp. rate	4.1%	0.0		Nov 2017
Ⅲ Ⅲ CPI Inflation	2.0%	▼ -0.2		Oct 2017
		one week change	one month change	as of:
Ⅲ Ⅲ S&P 500	2,651.50	▲ 0.4%	▲ 2.2%	2017-12-08
ııı ⊞ DJIA	24,329.16	▲ 0.4%	▲ 3.2%	2017-12-08
III ■ NASDAQ	6,840.08	▼ -0.1%	▲ 0.8%	2017-12-08
Ⅲ Ⅲ VIX	9.58	▼ -16.2%	▼ -2.0%	2017-12-08
1 2-yr t-bond	1.80%	▲ 0.02	▲ 0.15	2017-12-08
📶 🌐 10-yr t-bond	2.38%	▲ 0.01	▲ 0.06	2017-12-08
Ⅲ Ⅲ Crude oil	\$56.69	▼ -1.2%	▼ -0.9%	2017-12-07
Ⅲ Ⅲ USD index	88.18	▲ 0.0%	▼ -1.7%	2017-12-01

chart: 📶 data: ⊞

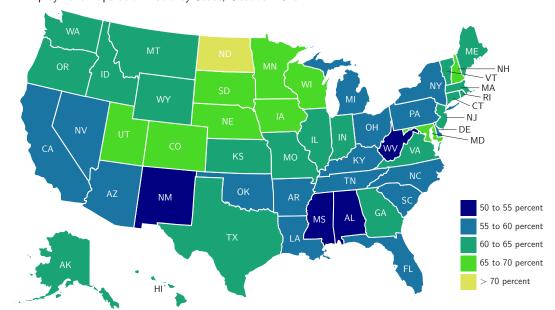
About the Dashboard

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, October 2017



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



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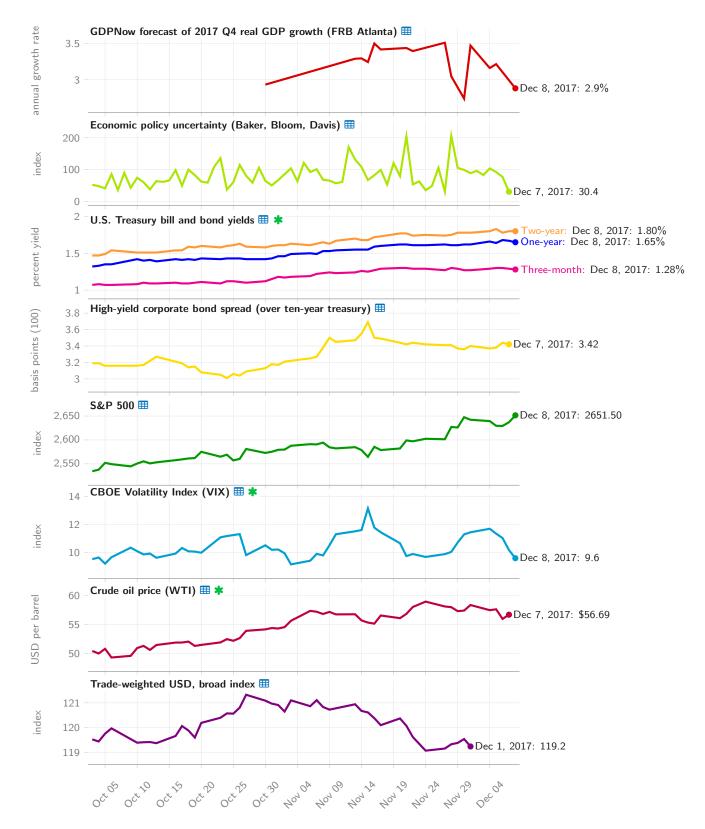
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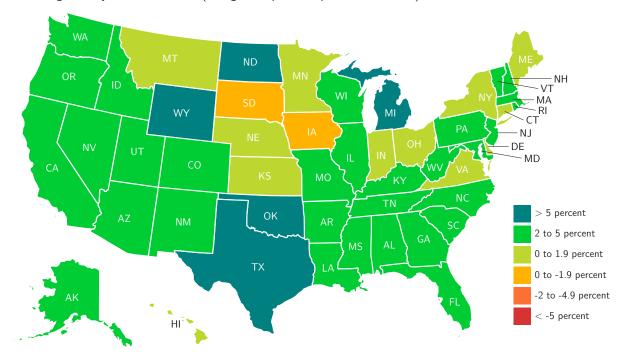
y @bd_econ

High-frequency indicators

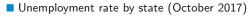


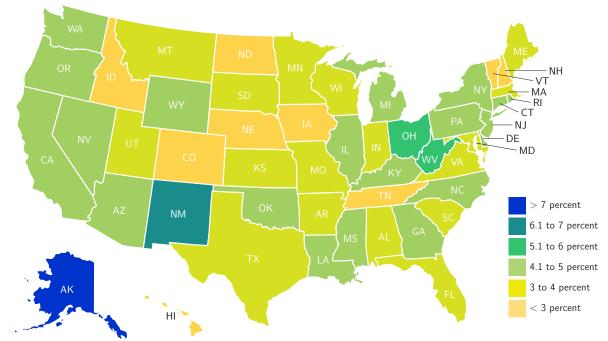
State-level economic indicators

Real GDP growth by state in 2017 Q2 (change over previous quarter, annualized)



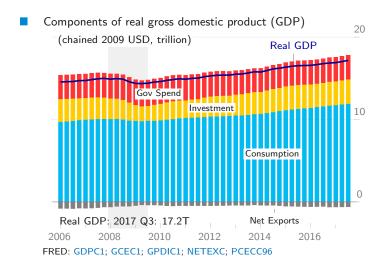
Source: U.S. Bureau of Economic Analysis (BEA), Regional Economic Accounts: GDP by State

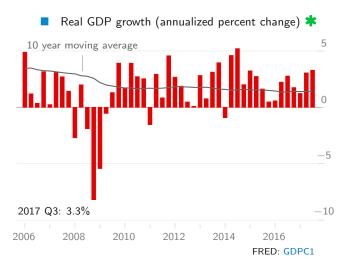


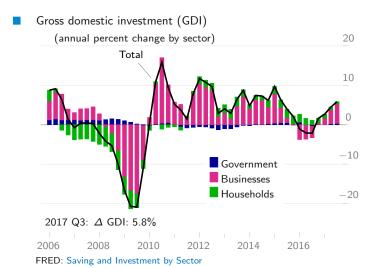


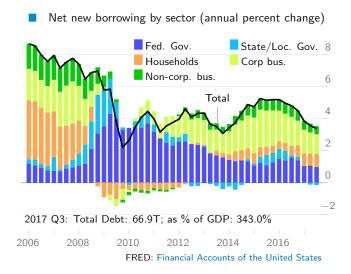
Source: U.S. Bureau of Labor Statistics (BLS), Local Area Unemployment Statistics (LAUS)

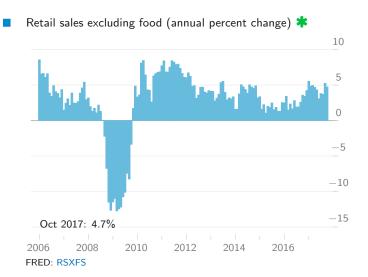
Macroeconomic Indicators: Overview

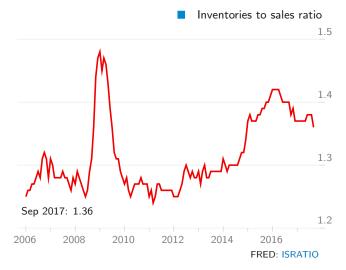






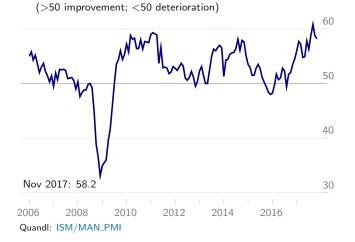






Macroeconomic Indicators: Businesses

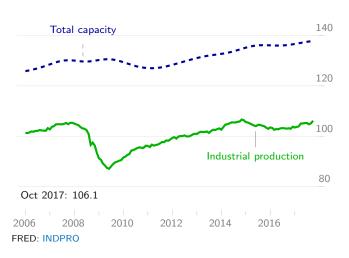
■ ISM manufacturing purchasing managers' index



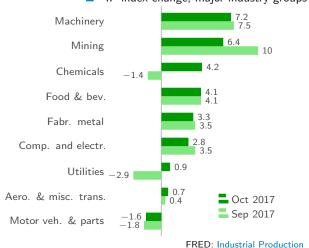




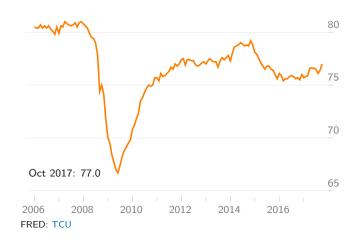
Industrial production (IP) index (2012=100) *



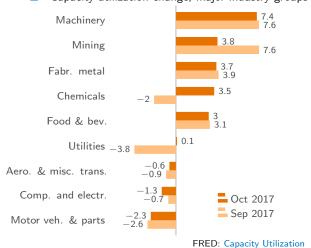
I IP index change, major industry groups



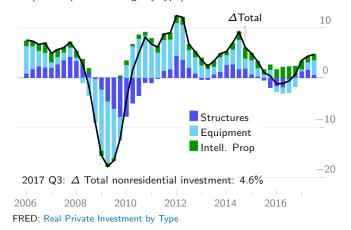
■ Total capacity utilization (percent of capacity)

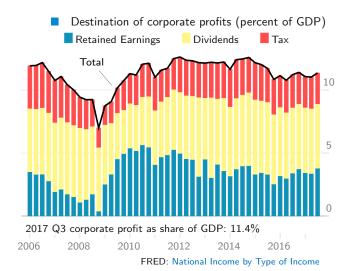


Capacity utilization change, major industry groups



Real nonresidential fixed investment (annual percent change by type)

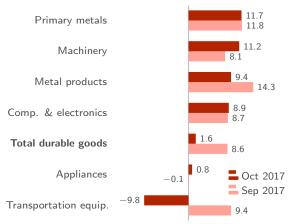




Durable goods new orders (annual percent change) 🧩

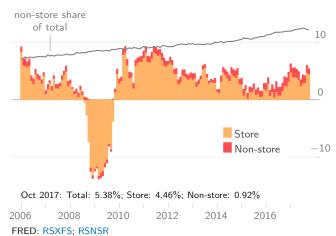


Durable goods new orders by category

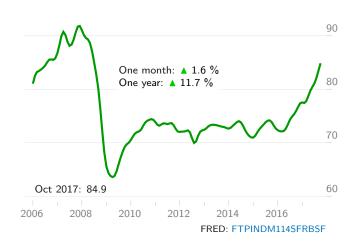


FRED: Manufacturer's Shipments, Inventories, and Orders (M3) Survey

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

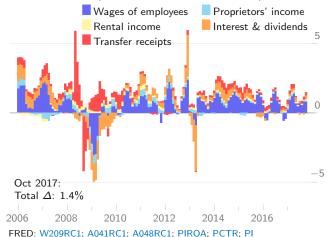


■ FRBSF tech pulse index (2000=100)



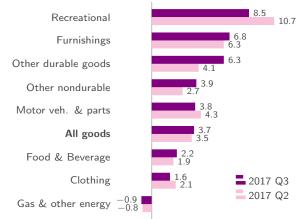
Macroeconomic Indicators: Households

Personal income (annual percent change by type)

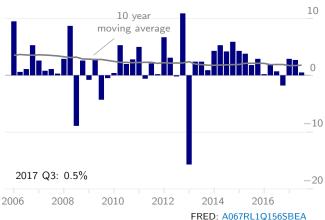




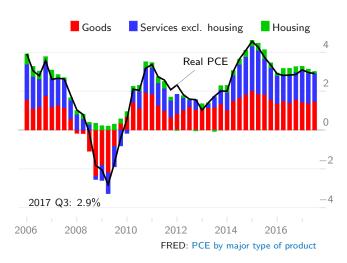
Real PCE on goods by type (annual percent change)



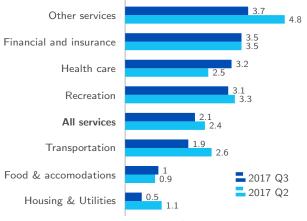
Real disposable personal income * (annual percent change)



Real PCE by category (annual percent change) *



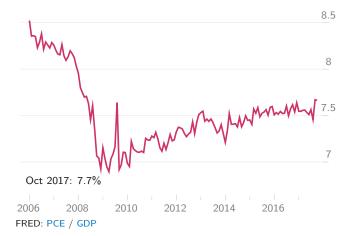
Real PCE on services by type (annual percent change)



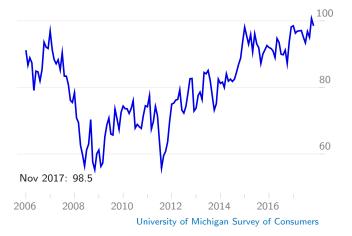
FRED: Real PCE by Major Type of Product

FRED: Real PCE by Major Type of Product

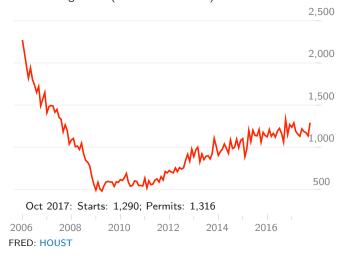
PCE on durable goods (percent of GDP) *



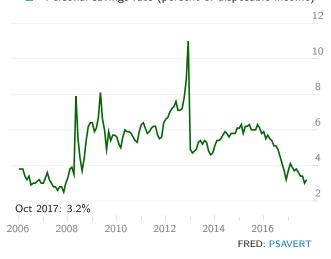
University of Michigan consumer sentiment index



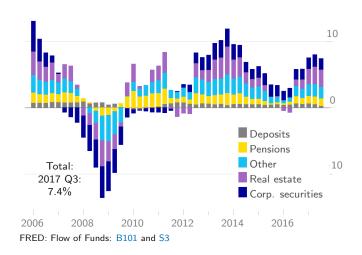
New housing starts (thousands of units)



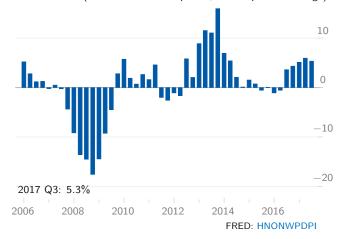
Personal savings rate (percent of disposable income)



Household and nonprofits assets (annual growth rate)

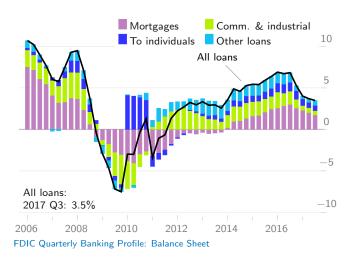


Net wealth as percent of gross disposable income (households and nonprofits, annual percent change)

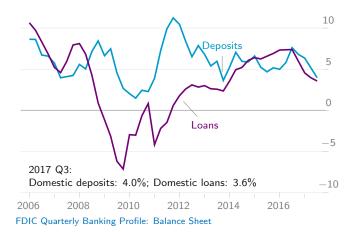


Depository Corporations

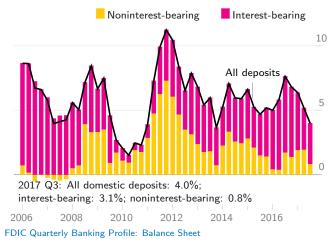
Value of bank loans by loan type (annual percent change)

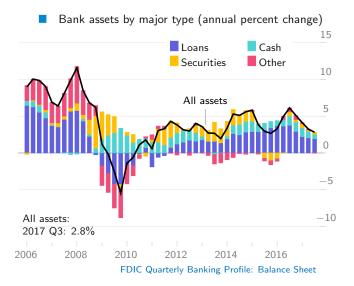


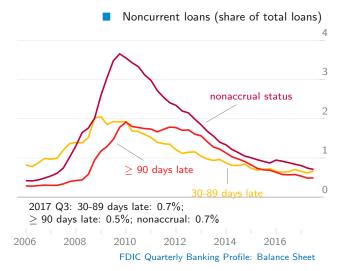
Domestic loans and deposits (annual percent change)

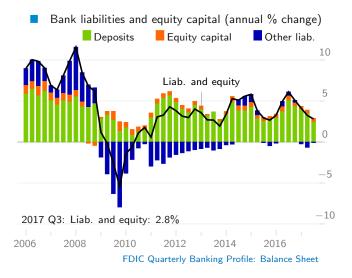


Domestic deposits (annual percent change)

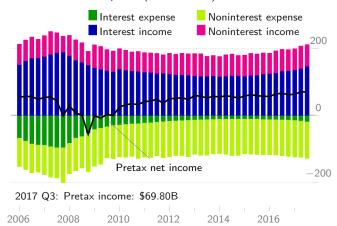


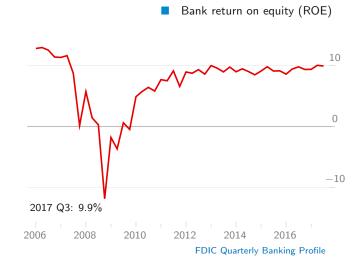




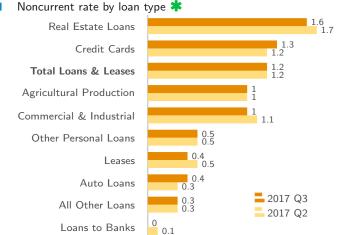


■ Bank income and expense (USD billions)

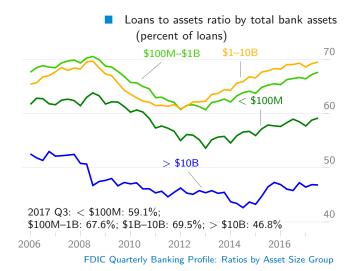




FDIC Quarterly Banking Profile: Income Statement

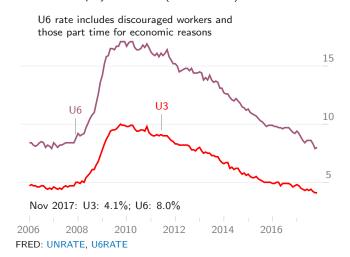






Labor Markets

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





Share of unemployed by duration

(percentage of total)

> 27 weeks (long-term)

< 5 weeks

40

5-14 weeks

20

2012

2016

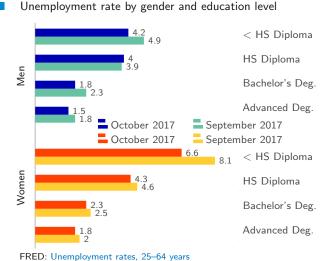
2010

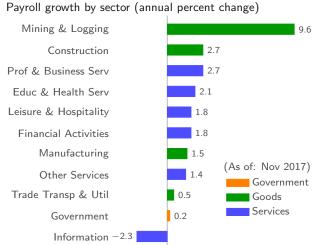
15-27 weeks

2008

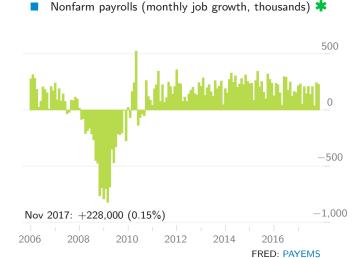
FRED: Unemployed persons by duration

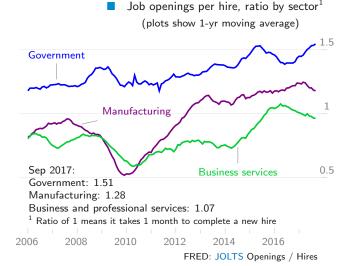
2006

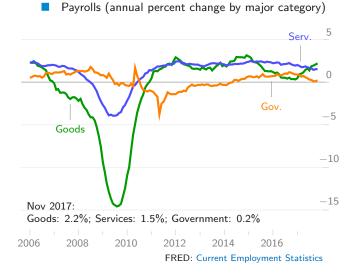




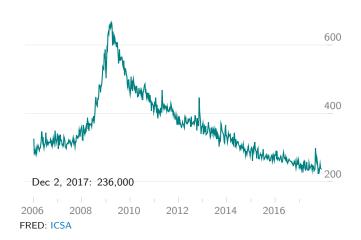
FRED: Current Employment Statistics

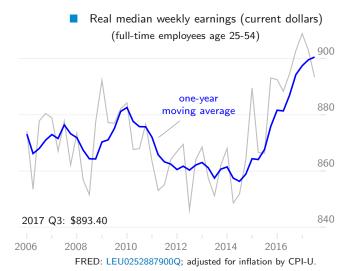




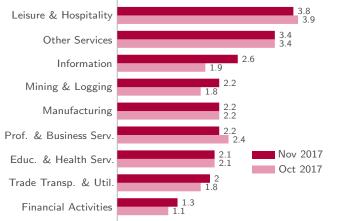


New jobless claims (weekly, thousands)



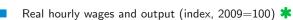


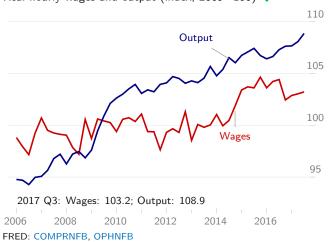
Nominal average hourly wage growth (annual percent change)

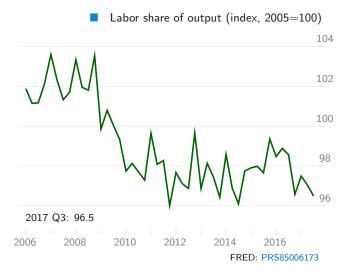


FRED: Average Hourly Earnings, Production and Nonsupervisory Employees









Equity Markets

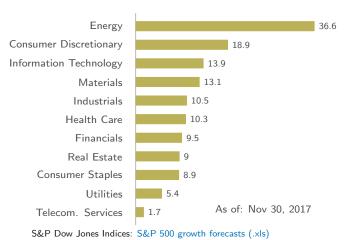
S&P 500



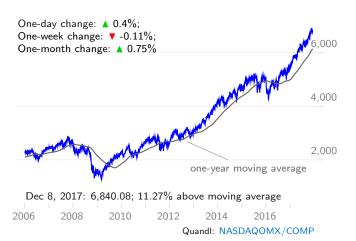
Dow Jones Industrial Average (thousands)



S&P 500 five-year growth forecast by sector



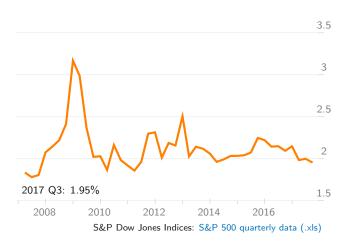
NASDAQ Composite Index



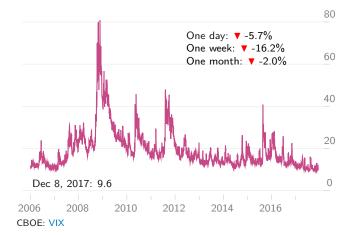
...combined and indexed (2006=100)



S&P 500 dividend yield (percent)



CBOE volatility index (VIX) *



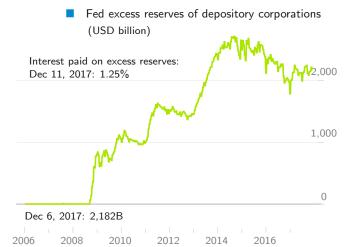
Shiller index of price to earnings ratios



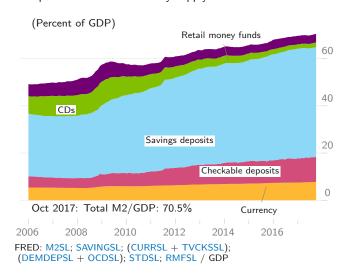
Money and Interest Rates

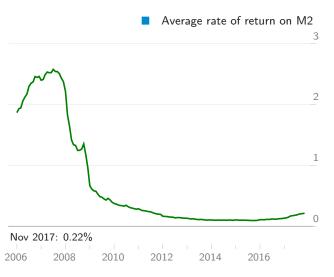
Effective fed funds rate *





Components of the M2 money supply





FRED: EXCSRESNW

Treasury bond real yield by maturity



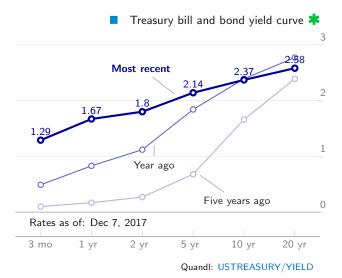
Dec 7, 2017: 2-year 0 2-year 0 2-year 2-year 0 2-year 2-year 0 2-year 2-year 0 2-year 0 2-year

2- and 10-year treasury constant maturity rates

Quandl: USTREASURY/YIELD

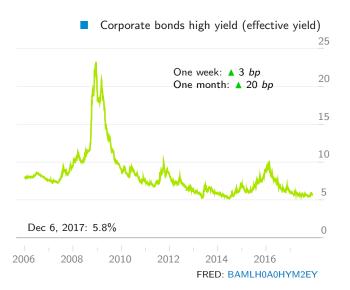
Treasury yield spreads

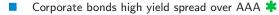




Corporate bonds AAA (effective yield)



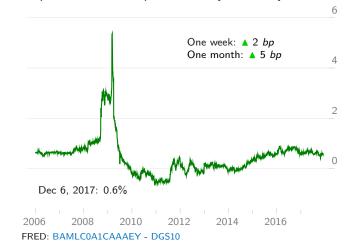


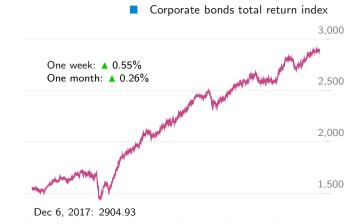




... high yield spread over 10-year treasury 25 One week: ▲ 7 bp 20 One month: ▲ 19 bp 15 10 5 Dec 6, 2017: 3.4% 0 2006 2008 2010 2012 2014 2016 FRED: BAMLH0A0HYM2EY - DGS10

Corporate bonds AAA spread over 10-year treasury

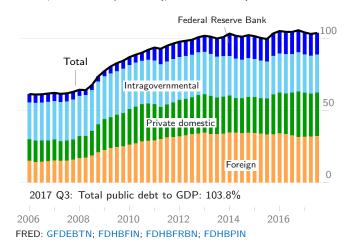




2012

Government and Policy

■ Total public debt by holder (percent of GDP)

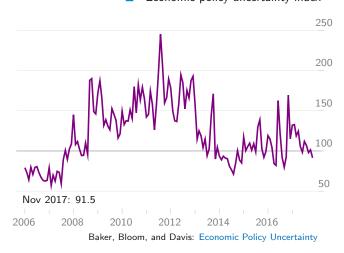


■ Economic policy uncertainty index

2014

2016

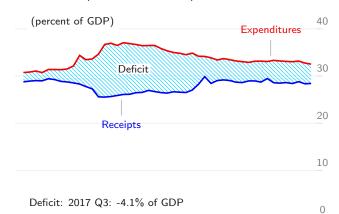
Quandl: ML/TRI



2006

2008

Government expenditures and receipts *



2012

2014

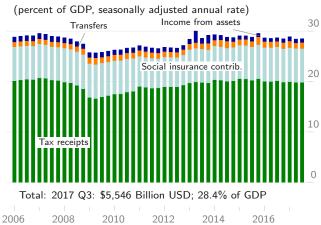
2016

2008 FRED: GEXPND; GRECPT

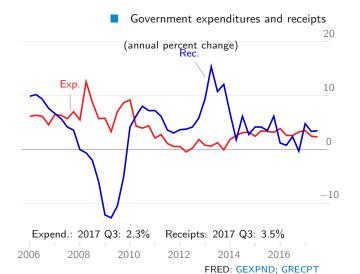
2006

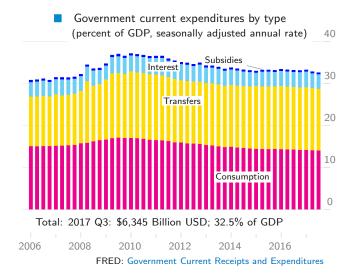
Government current receipts by type

2010



FRED: Government Current Receipts and Expenditures

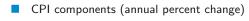


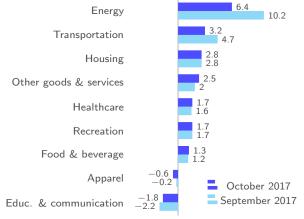


Prices

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





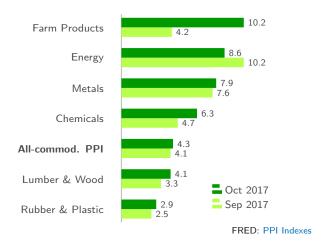


FRED: CPI Indexes

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)



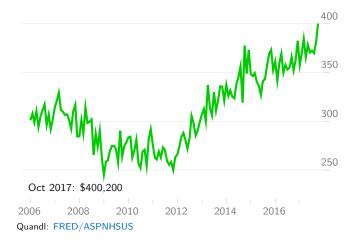
Oil price (USD per barrel, WTI)



■ PPI growth: metals (annual percent change)



Average sales price for new houses (thousands of USD)



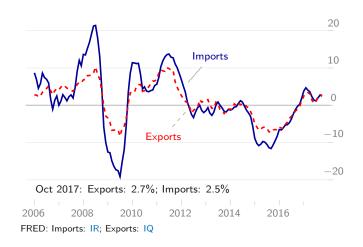


Gold price (USD per ounce)

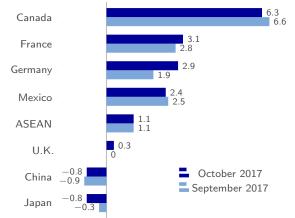




Export and import prices (annual percent change)



Import prices by locality of origin (annual percent change)



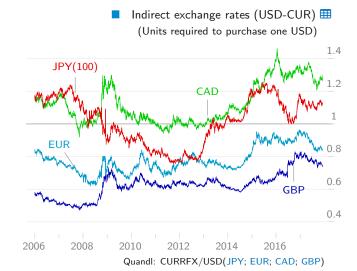
FRED: Import Price Indexes by Locality of Origin

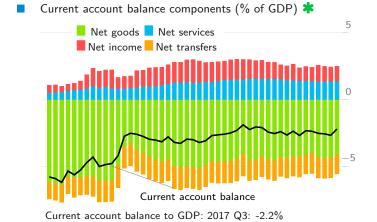
Trade and External Sector Indicators

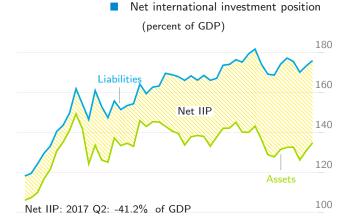
FRED: DTWEXM; DTWEXB





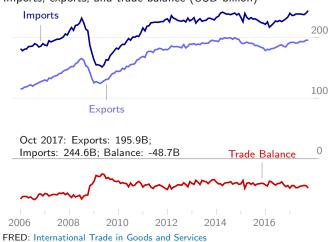






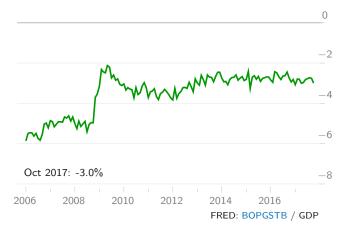


FRED: Foreign transactions in the NIPAs / GDP

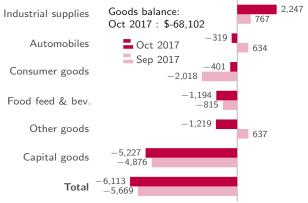




FRED: U.S. Net IIP / GDP

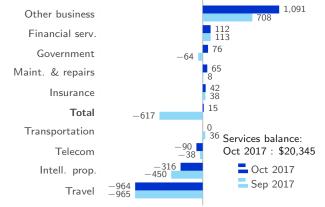


■ Net exports of goods (USD, millions, one-year change)



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

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



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

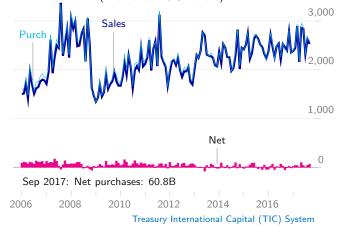
Capital Flows

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

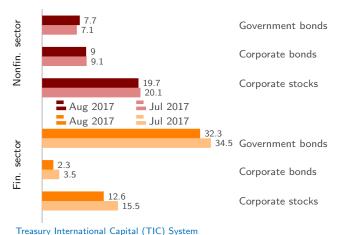


Treasury International Capital (TIC) System

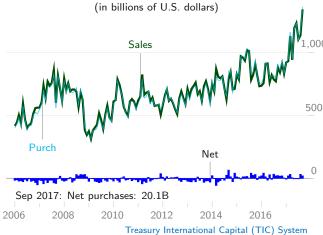
■ Foreign purchases and sales of U.S. securities (in billions of U.S. dollars)



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



U.S. purchases and sales of foreign securities



Updated: December 8, 2017 * Key indicator 21

Exchange Rate Table

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

Currency	$Rate^1$	1 day % ch.	1 week % ch.	1 month % ch.	1 year % ch.	1 year high	1 year low	Updated:
EUR	0.847	▲ 0.24	▲ 0.40	▼ -1.22	▼ -9.73	0.962	0.831	2017-12-07
GBP	0.747	▲ 0.17	▲ 0.19	▼ -2.60	▼ -5.23	0.831	0.736	2017-12-07
• JPY	112.291	▼ -0.15	▲ 0.26	▼ -1.54	▼ -1.41	118.253	108.231	2017-12-07
₩ CAD	1.279	▲ 0.73	▼ -0.59	▼ -0.16	▼ -3.93	1.375	1.211	2017-12-07
■ MXN	18.851	▲ 0.43	▲ 1.59	▼ -0.70	▼ -9.09	21.921	17.490	2017-12-07
AUD	1.322	▲ 0.50	▼ 0.00	▲ 1.91	▼ -1.24	1.393	1.241	2017-12-07
CNY	6.614	▼ -0.04	▲ 0.09	▲ 0.10	▼ -4.00	6.957	6.485	2017-12-07
CHF	0.989	▲ 0.18	▲ 0.48	▼ -1.01	▼ -1.81	1.030	0.945	2017-12-07
™ NZD	1.452	▼ -0.16	▼ -0.02	▲ 0.39	▲ 3.63	1.470	1.329	2017-12-07
SEK	8.417	▲ 0.64	▲ 0.58	▲ 0.24	▼ -9.18	9.404	7.919	2017-12-07
NOK	8.266	▲ 0.07	▲ 0.19	▲ 1.62	▼ -1.39	8.712	7.729	2017-12-07
DKK	6.304	▲ 0.23	▲ 0.37	▼ -1.26	▼ -9.73	7.155	6.186	2017-12-07
RUB	59.155	▲ 0.66	▲ 0.94	▲ 1.60	▼ -7.88	63.937	55.780	2017-12-07
★ HKD	7.812	▼ -0.03	▲ 0.04	▲ 0.12	▲ 0.73	7.826	7.753	2017-12-07
SGD	1.348	▲ 0.13	▲ 0.13	▼ -0.90	▼ -5.20	1.451	1.339	2017-12-07
TWD	29.992	▲ 0.06	▲ 0.07	▼ -0.62	▼ -6.60	32.437	29.971	2017-12-07
C* TRY	3.850	▲ 0.22	▼ -2.75	▲ 1.01	▲ 8.67	3.964	3.388	2017-12-07
KRW	1092.570	▲ 0.67	▲ 1.09	▼ -1.75	▼ -6.81	1209.840	1080.660	2017-12-07
ZAR	13.522	▲ 0.55	▼ -0.94	▼ -3.92	▼ -1.98	14.382	12.470	2017-12-07
♦ BRL	3.234	▼ -0.19	▼ -0.32	▼ -0.94	▼ -5.76	3.475	3.056	2017-12-07
■ INR	64.515	▲ 0.25	▲ 0.16	▲ 0.02	▼ -5.42	68.316	63.641	2017-12-07
⇒ ILS	3.514	▲ 0.29	▲ 0.33	▲ 0.21	▼ -8.24	3.869	3.482	2017-12-07
EGP	17.761	▲ 0.16	▲ 0.62	▲ 0.79	▼ -0.78	19.620	15.700	2017-12-07
IDR	13534.000	▲ 0.16	▲ 0.22	▼ -0.07	▲ 0.77	13643.000	13105.000	2017-12-07
ТНВ	32.610	▲ 0.03	▲ 0.12	▼ -1.36	▼ -9.14	35.990	32.565	2017-12-07
MYR	4.073	▲ 0.30	▼ -0.38	▼ -3.90	▼ -9.18	4.496	4.060	2017-12-07
ARS	17.242	▼ -0.25	▼ -1.01	▼ -1.58	▲ 8.05	17.802	15.114	2017-12-07
СОР	2956.800	▼ -1.29	▲ 0.20	▼ -2.19	▼ -2.61	3094.250	2821.500	2017-12-07
CLP	653.000	▼ -0.02	▲ 1.41	▲ 4.72	▼ -1.79	678.300	612.830	2017-12-07

Quandl: CURRFX/USD(CUR)

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¹ The number of units of foreign currency required to purchase one U.S. dollar. ▲: stronger dollar; ▼: weaker dollar.