Macro and Markets Dashboard: United States

Updated: October 23, 2017

Key Indicators

. toj marodoro		change over prev.		as of:
III ■ Real GDP	17.0T	▲ 3.1%		2017 Q2
■ Unemp. rate	4.2%	▼ -0.2		Sep 2017
Ⅲ Ⅲ CPI Inflation	2.2%	▲ 0.3		Sep 2017
		one week change	one month change	as of:
Ⅲ Ⅲ S&P 500	2,564.98	▲ 0.3%	▲ 2.5%	2017-10-23
<u>III</u> Ⅲ DJIA	23,273.96	▲ 1.4%	▲ 4.1%	2017-10-23
Ⅲ Ⅲ NASDAQ	6,586.83	▼ -0.6%	▲ 2.5%	2017-10-23
Ⅲ Ⅲ VIX	11.07	▲ 11.7%	▲ 15.4%	2017-10-23
11 2-yr t-bond	1.58%	▲ 0.04	▲ 0.13	2017-10-23
Ⅲ Ⅲ 10-yr t-bond	2.38%	▲ 0.08	▲ 0.11	2017-10-23
Ⅲ Ⅲ Crude oil	\$51.47	▲ 0.0%	▲ 1.8%	2017-10-20
Ⅲ Ⅲ USD index	88.76	▲ 0.9%	▲ 2.3%	2017-10-20

chart: 📶 data: ⊞

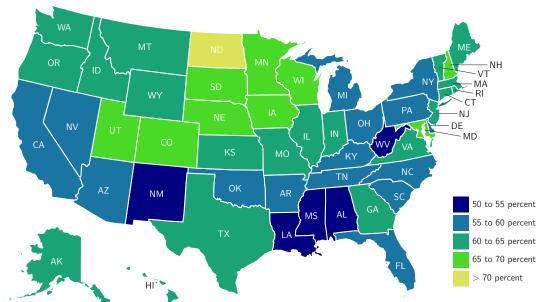
About the Dashboard

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, September 2017



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



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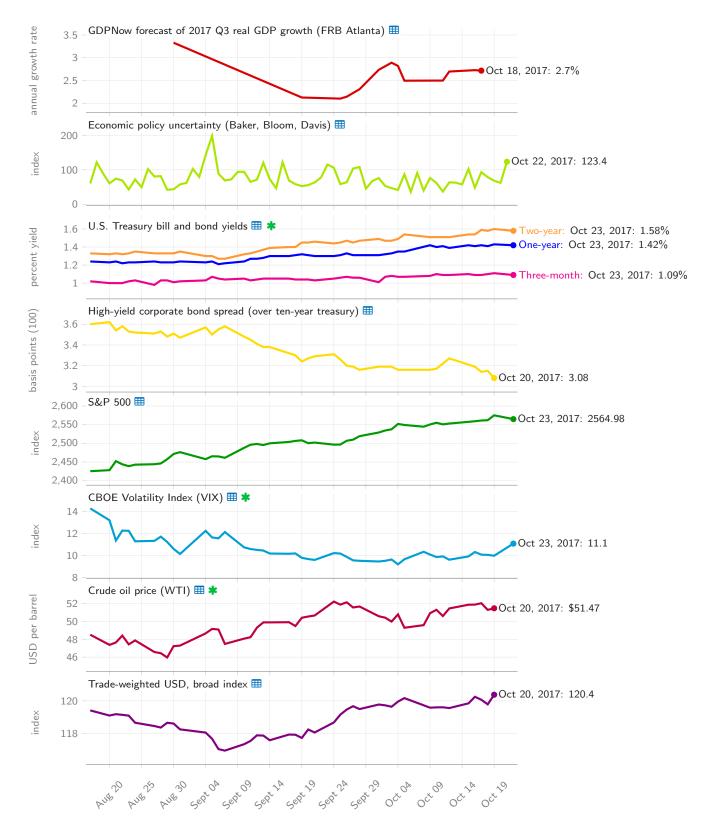
Brian Dew

★ bd-econ.com

■ brianwdew@gmail.com

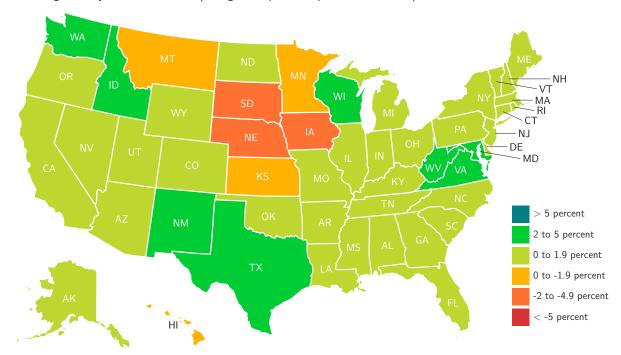
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High-frequency indicators

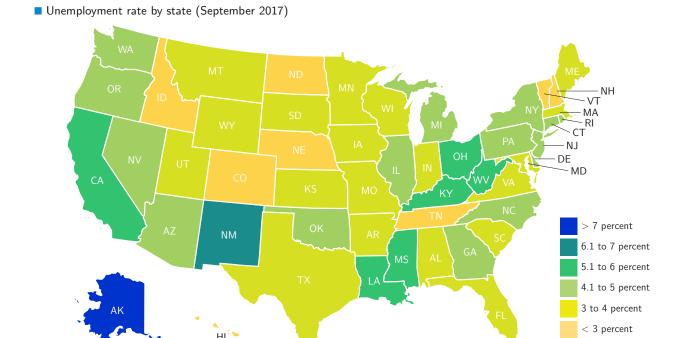


State-level economic indicators

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

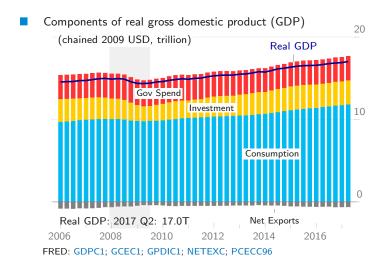


Source: U.S. Bureau of Economic Analysis (BEA), Regional Economic Accounts: GDP by State

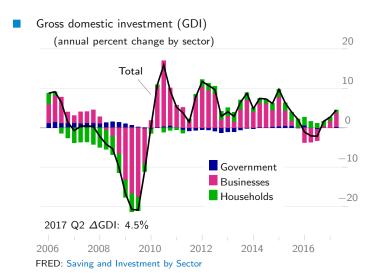


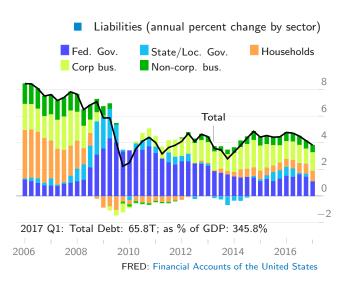
Source: U.S. Bureau of Labor Statistics (BLS), Local Area Unemployment Statistics (LAUS)

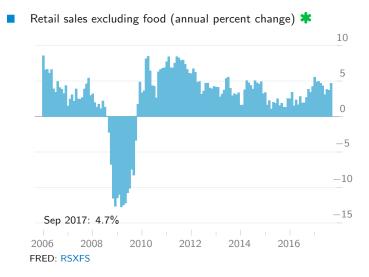
Macroeconomic Indicators: Overview

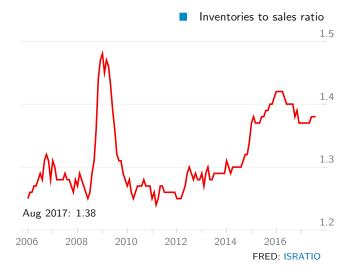






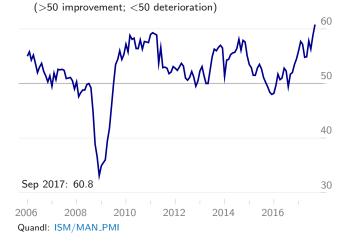


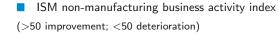


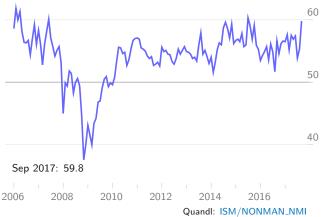


Macroeconomic Indicators: Businesses

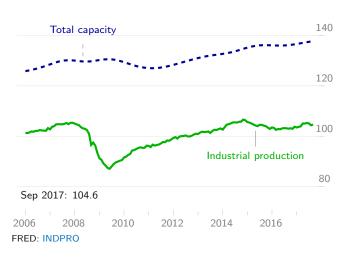
■ ISM manufacturing purchasing managers' index



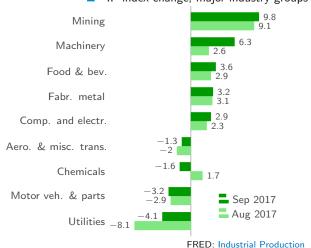




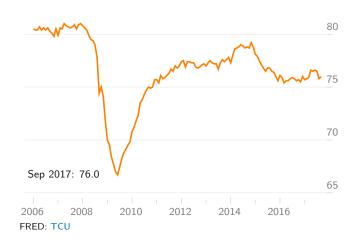




■ IP index change, major industry groups



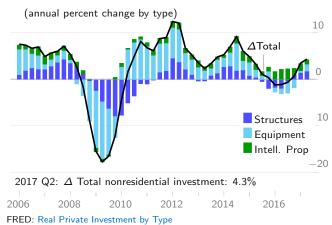
■ Total capacity utilization (percent of capacity)

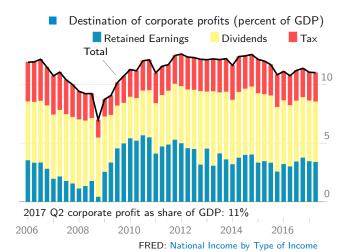


Capacity utilization change, major industry groups



Real nonresidential fixed investment

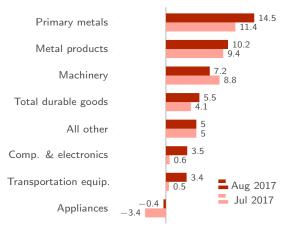




📕 Durable goods new orders (annual percent change) 🧩

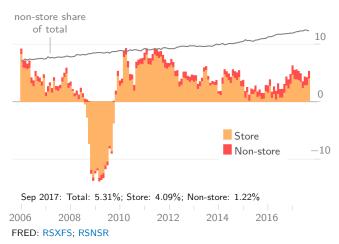


Durable goods new orders by category



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

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

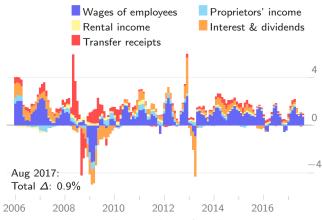


FRBSF tech pulse index (2000=100)



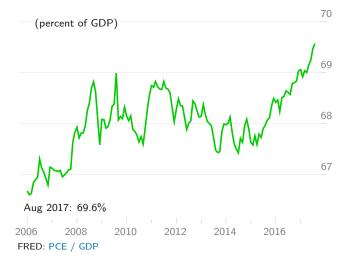
Macroeconomic Indicators: Households

Personal income (annual percent change by type)

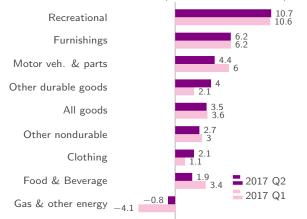


FRED: W209RC1; A041RC1; A048RC1; PIROA; PCTR; PI

Personal consumption expenditure (PCE)

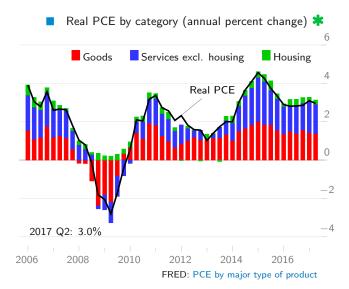


Real PCE on goods by type (annual percent change)

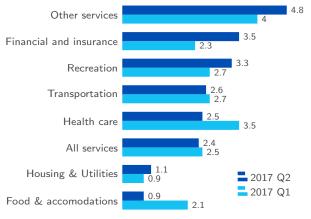


FRED: Real PCE by Major Type of Product

Real disposable personal income (annual percent change) 10 year moving average 2017 Q2: 3.3% 2006 2008 2010 2012 2014 2016 FRED: A067RL10156SBEA

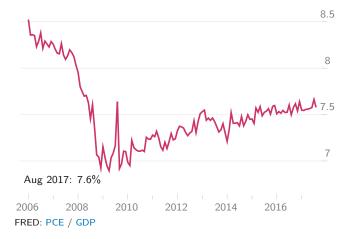


Real PCE on services by type (annual percent change)

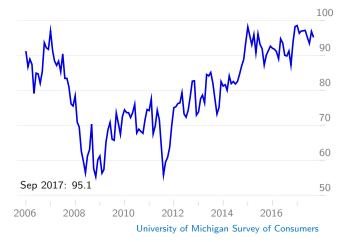


FRED: Real PCE by Major Type of Product

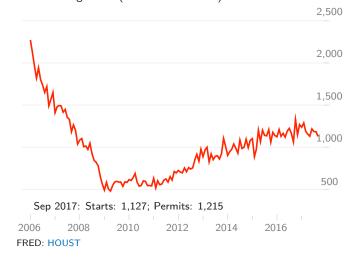
PCE on durable goods (percent of GDP) *



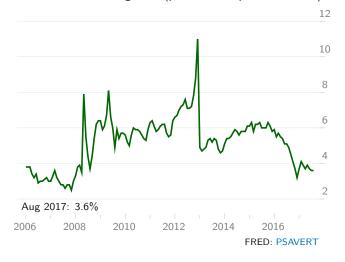
University of Michigan consumer sentiment index



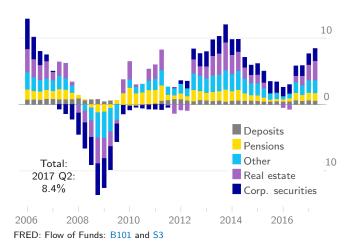
New housing starts (thousands of units)



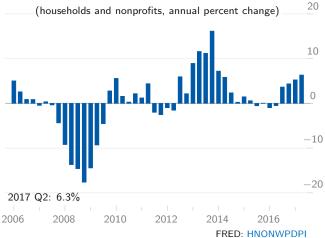
Personal savings rate (percent of disposable income)



Household and nonprofits assets (annual growth rate)

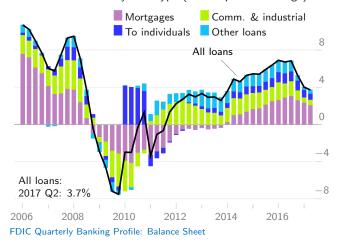


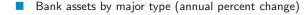
Net wealth as percent of gross disposable income

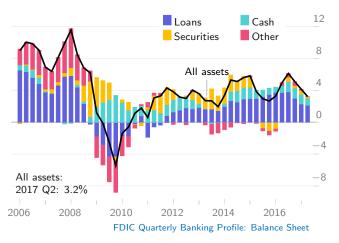


Depository Corporations

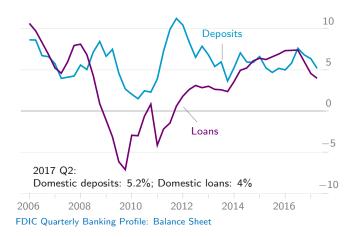
■ Value of bank loans by loan type (annual percent change)



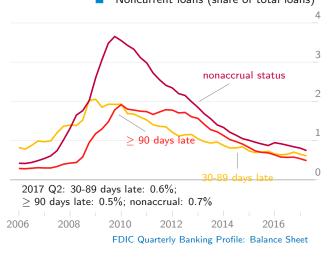




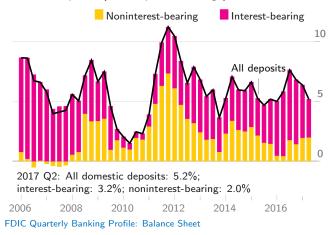
Domestic loans and deposits (annual percent change)



Noncurrent loans (share of total loans)



Domestic deposits (annual percent change)



Deposits Equity capital Other liab.

10

Liab. and equity

5

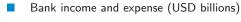
2017 Q2: Liab. and equity: 3.2%

-10

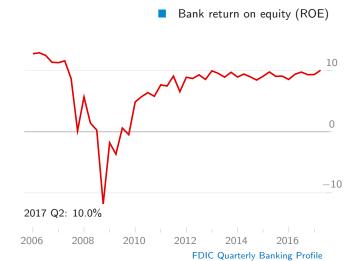
2006 2008 2010 2012 2014 2016

FDIC Quarterly Banking Profile: Balance Sheet

Bank liabilities and equity capital (annual % change)





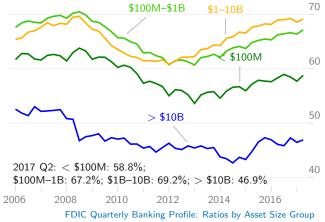


Noncurrent rate by loan type *



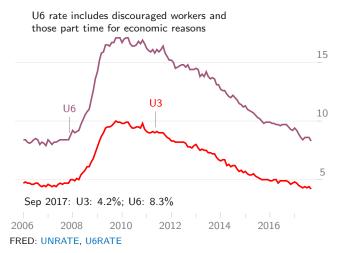


Loans to assets ratio by total bank assets (percent of loans) \$100M-\$1B \$1-10B



Labor Markets

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

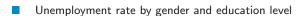




Share of unemployed by duration (percentage of total) > 27 weeks (long-term) 40 5-14 weeks 20 15-27 weeks

2012

2016

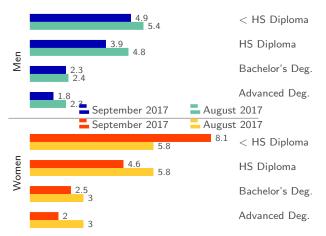


2010

2006

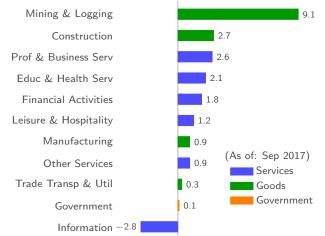
2008

FRED: Unemployed persons by duration

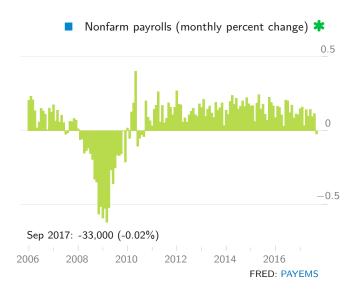


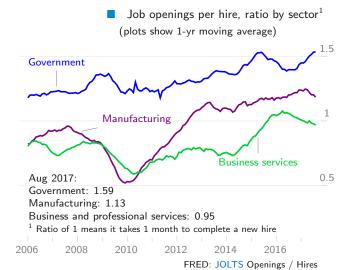
FRED: Unemployment rates, 25-64 years

Payroll growth by sector (annual percent change)

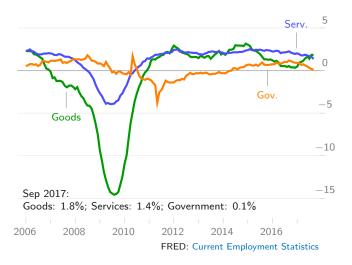


FRED: Current Employment Statistics

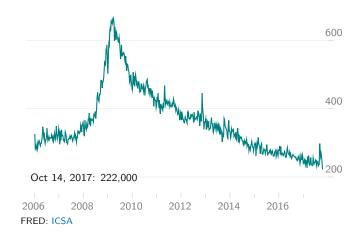




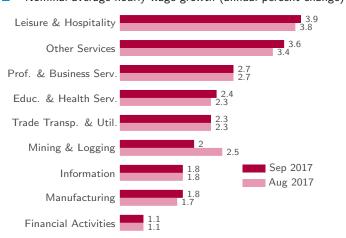
Payrolls (annual percent change by major category)



New jobless claims (weekly, thousands)



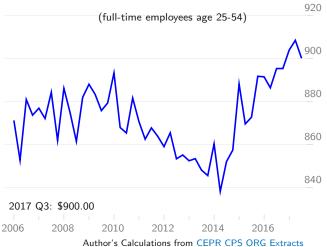
Nominal average hourly wage growth (annual percent change)



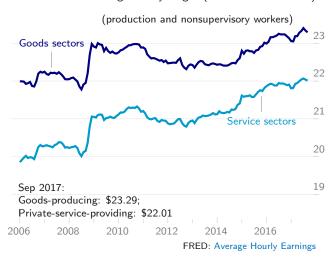
FRED: Average Hourly Earnings, Production and Nonsupervisory Employees

Real hourly wages and output (index, 2009=100) * 110 Output 105 2017 Q2: Wages: 103.4; Output: 108.1 2006 2008 2010 2012 2014 2016 FRED: COMPRNFB, OPHNFB

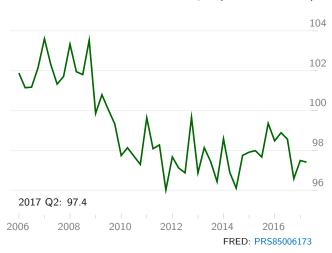
Real median weekly earnings (2017 dollars)



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



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



Equity Markets

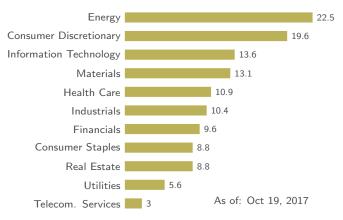
S&P 500



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)

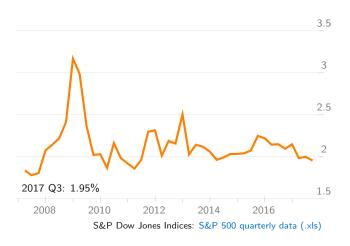
NASDAQ Composite Index



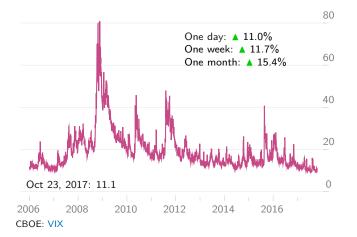
...combined and indexed (2006=100)



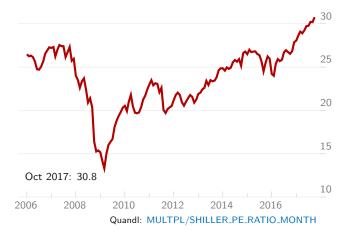
S&P 500 dividend yield (percent)



CBOE volatility index (VIX) *



Shiller index of price to earnings ratios

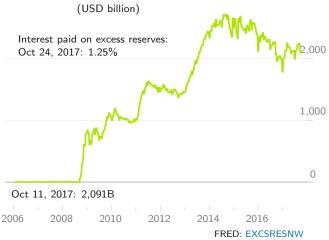


Money and Interest Rates

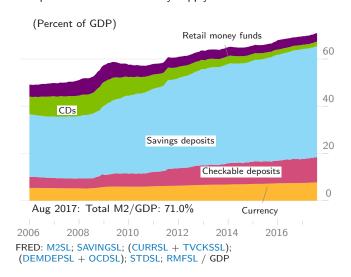
Effective fed funds rate *

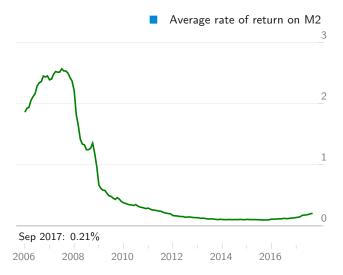


Fed excess reserves of depository corporations



Components of the M2 money supply





Treasury bond real yield by maturity



Quandl: USTREASURY/REALYIELD

4 0 Oct 23, 2017: 2yr: 1.58%; 10yr: 2.38% 2006 2008 2010 2012 2014 2016

2- and 10-year treasury constant maturity rates

Quandl: USTREASURY/YIELD

Treasury yield spreads

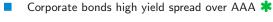


Corporate bonds AAA (effective yield)

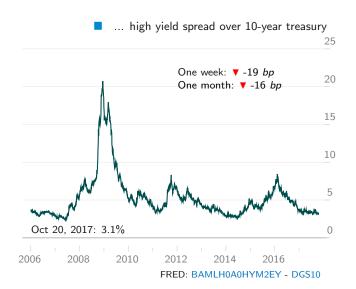


Treasury bill and bond yield curve 🗱 Most recent 2 Year ago 1 0 Five years ago Rates as of: Oct 23, 2017 20 yr 3 mo 1 yr 2 yr 10 yr Quandl: USTREASURY/YIELD

Corporate bonds high yield (effective yield) One week: ▼ -8 bp 20 One month: ▼ -5 bp 15 10 Oct 20, 2017: 5.5% 0 2006 2008 2010 2012 2014 2016 FRED: BAMLH0A0HYM2EY

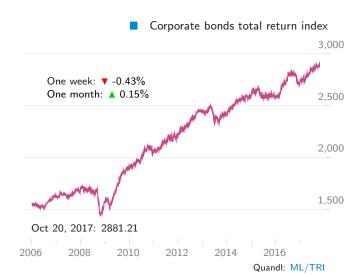






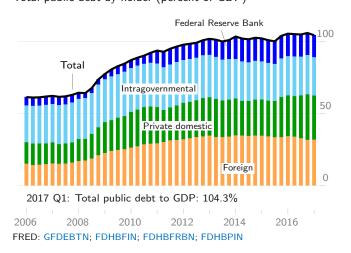
Corporate bonds AAA spread over 10-year treasury

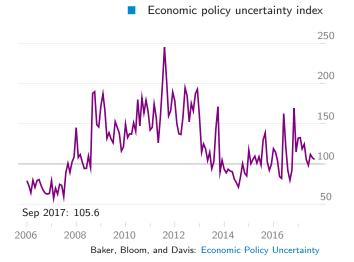




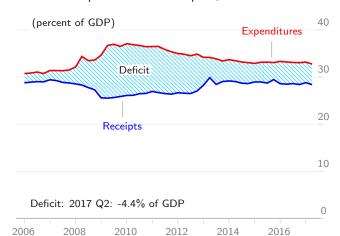
Government and Policy

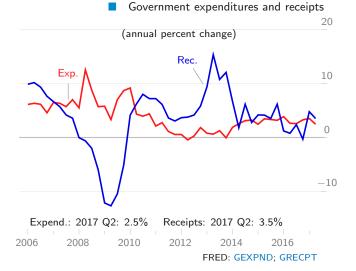
Total public debt by holder (percent of GDP)





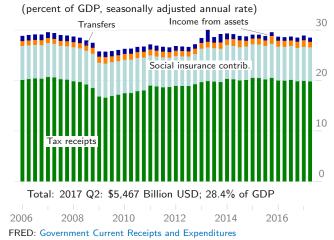
■ Government expenditures and receipts *****

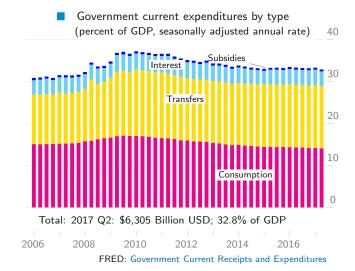






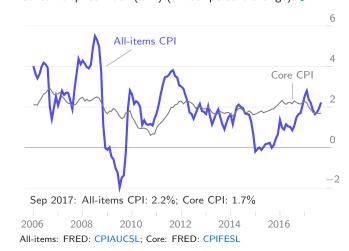
FRED: GEXPND; GRECPT

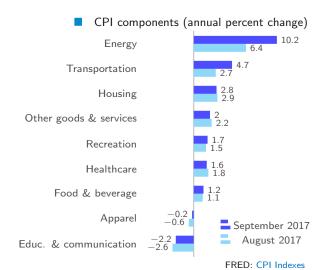




Prices

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

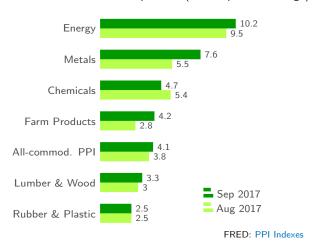




Producer price index, all commodities (PPIACO)



■ PPIACO selected components (annual percent change)



5-Year forward inflation expectation rate *

(expected average annual inflation rate, percent)



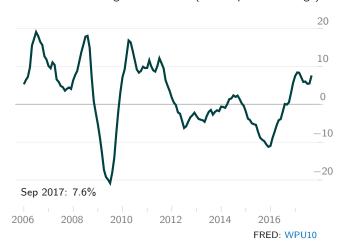
■ PCE chain-type price index (annual percent change)



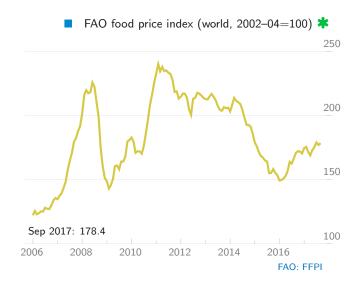
Oil price (USD per barrel, WTI)



■ PPI growth: metals (annual percent change)



Average sales price for new houses (thousands of USD) 400 MWM/MW 300 250 Aug 2017: \$368,100 2006 2008 2010 2012 2014 2016 Quandl: FRED/ASPNHSUS

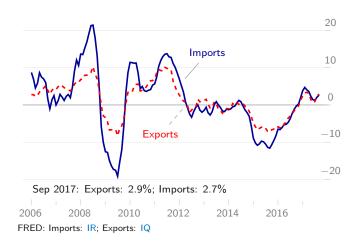


Gold price (USD per ounce)

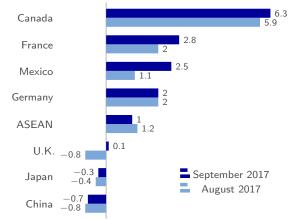




Export and import prices (annual percent change)

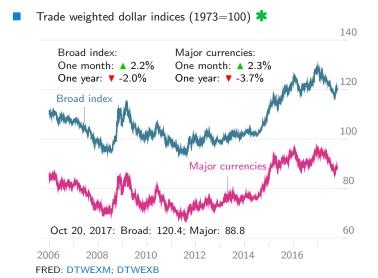


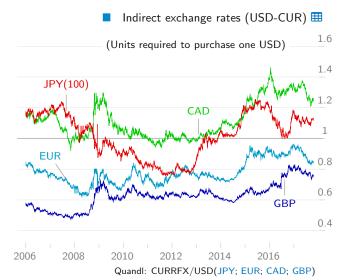
Import prices by locality of origin (annual percent change)

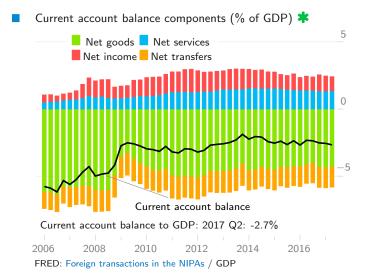


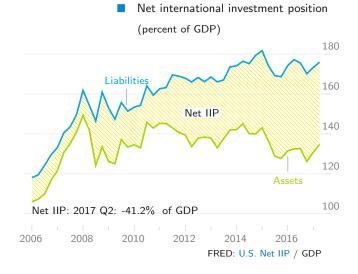
FRED: Import Price Indexes by Locality of Origin

Trade and External Sector Indicators

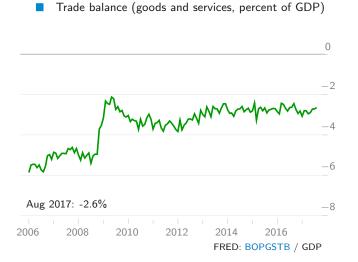




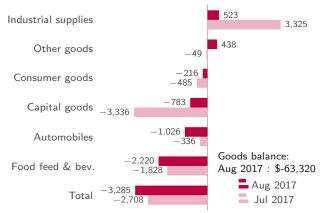






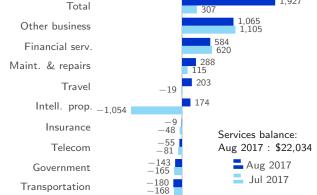


Net exports of goods (USD, millions, one-year change)



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

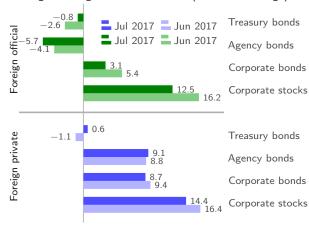
Net exports of services (USD, millions, one-year change)



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

Capital Flows

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



Treasury International Capital (TIC) System

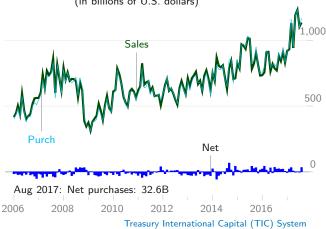
Foreign purchases and sales of U.S. securities (in billions of U.S. dollars)



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



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



Exchange Rate Table

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

Currency	$Rate^1$	$1~{\sf day}$ % ch.	1 week % ch.	1 month % ch.	1 year % ch.	1 year high	1 year low	Updated:
EUR	0.849	▲ 0.55	▲ 0.26	▲ 0.75	▼ -8.36	0.962	0.831	2017-10-23
GBP	0.758	▼ -0.35	▲ 0.69	▲ 2.17	▼ -7.99	0.831	0.736	2017-10-23
JPY	113.520	▲ 0.74	▲ 1.44	▲ 0.86	▲ 8.10	118.253	103.060	2017-10-23
■ CAD	1.263	▲ 1.15	▲ 1.18	▲ 2.22	▼ -4.75	1.375	1.211	2017-10-23
■ MXN	18.977	▲ 0.94	▲ 0.27	▲ 6.22	▲ 2.29	21.921	17.490	2017-10-23
ᢝ ∵ AUD	1.279	▲ 0.72	▲ 0.86	▲ 2.48	▼ -2.88	1.393	1.241	2017-10-23
* CNY	6.622	▲ 0.12	▲ 0.59	▲ 0.72	▼ -2.27	6.957	6.485	2017-10-23
t CHF	0.984	▲ 0.75	▲ 0.93	▲ 1.23	▼ -1.06	1.030	0.945	2017-10-23
NZD	1.435	▲ 0.90	▲ 2.93	▲ 5.00	▲ 2.10	1.463	1.329	2017-10-23
SEK	8.157	▲ 0.39	▲ 0.49	▲ 1.61	▼ -9.31	9.404	7.919	2017-10-23
NOK	7.978	▲ 0.64	▲ 1.11	▲ 1.29	▼ -3.57	8.712	7.729	2017-10-23
DKK	6.318	▲ 0.57	▲ 0.28	▲ 0.80	▼ -8.29	7.155	6.186	2017-10-23
RUB	57.447	▲ 0.36	▲ 0.42	▼ -1.16	▼ -8.24	65.960	55.780	2017-10-23
₩ HKD	7.804	▲ 0.04	▼ -0.03	▲ 0.04	▲ 0.60	7.826	7.753	2017-10-23
SGD	1.361	▲ 0.32	▲ 0.81	▲ 0.74	▼ -2.42	1.451	1.339	2017-10-23
TWD	30.222	▲ 0.04	▲ 0.26	▲ 0.33	▼ -4.69	32.437	29.988	2017-10-23
C* TRY	3.671	▲ 0.50	▲ 0.90	▲ 4.52	▲ 16.05	3.877	3.056	2017-10-23
KRW	1130.850	▲ 0.26	▲ 0.40	▼ -0.03	▼ -0.33	1209.840	1109.250	2017-10-23
ZAR	13.628	▲ 0.91	▲ 2.68	▲ 2.27	▼ -2.05	14.470	12.470	2017-10-23
♦ BRL	3.192	▲ 0.86	▲ 1.44	▲ 1.93	▲ 2.18	3.576	3.056	2017-10-23
INR	65.104	▲ 0.31	▲ 0.66	▲ 1.26	▼ -2.72	68.805	63.641	2017-10-23
□ ILS	3.486	0.00	▼ -0.14	▼ -0.90	▼ -10.76	3.880	3.482	2017-10-23
EGP	17.622	0.00	▲ 0.09	▲ 0.05	▲ 49.72	19.620	8.858	2017-10-23
IDR	13516.000	▲ 0.19	▲ 0.18	▲ 1.80	▲ 3.73	13575.000	13000.000	2017-10-23
ТНВ	33.146	▲ 0.14	▲ 0.27	▲ 0.18	▼ -5.68	35.990	33.055	2017-10-23
MYR MYR	4.222	▲ 0.05	▲ 0.22	▲ 0.84	▲ 1.12	4.496	4.155	2017-10-23
ARS	17.415	▼ -0.14	▼ -0.07	▲ 1.40	▲ 13.06	17.802	14.900	2017-10-23
СОР	2932.250	▲ 0.51	▼ -0.01	▲ 1.48	▲ 0.01	3181.000	2821.500	2017-10-23
CLP	628.100	▲ 0.54	▲ 0.84	▲ 1.07	▼ -4.81	678.390	613.260	2017-10-23

Quandl: CURRFX/USD(CUR)

► Contact: Brian Dew | ► brianwdew@gmail.com | ♠ bd-econ.com | ▶ @bd_econ

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