Macro and Markets Dashboard: United States

Updated: September 21, 2017

Key Indicators

. toj marodoro		as of:		
III ■ Real GDP	17.0T	▲ 3.0%		2017 Q2
📶 🎛 Unemp. rate	4.4%	▲ 0.1		Aug 2017
Ⅲ Ⅲ CPI Inflation	1.9%	▲ 0.2		Aug 2017
		one week change	one month change	as of:
Ⅲ Ⅲ S&P 500	2,500.60	▲ 0.2%	▲ 2.0%	2017-09-21
III ■ DJIA	22,359.23	▲ 0.7%	▲ 2.1%	2017-09-21
III ■ NASDAQ	6,422.69	▼ -0.1%	▲ 2.0%	2017-09-21
ııı ⊞ VIX	9.67	▼ -7.4%	▼ -14.8%	2017-09-21
1 2-yr t-bond	1.45%	▲ 0.08	▲ 0.12	2017-09-21
📶 🌐 10-yr t-bond	2.27%	▲ 0.07	▲ 0.05	2017-09-21
Ⅲ Ⅲ Crude oil	\$50.41	▲ 2.3%	▲ 6.4%	2017-09-20
Ⅲ Ⅲ USD index	86.61	▲ 0.7%	▼ -2.2%	2017-09-15

chart: 📶 data: ⊞

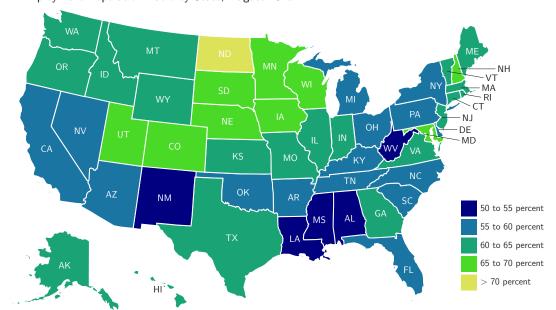
About the Dashboard

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, August 2017



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



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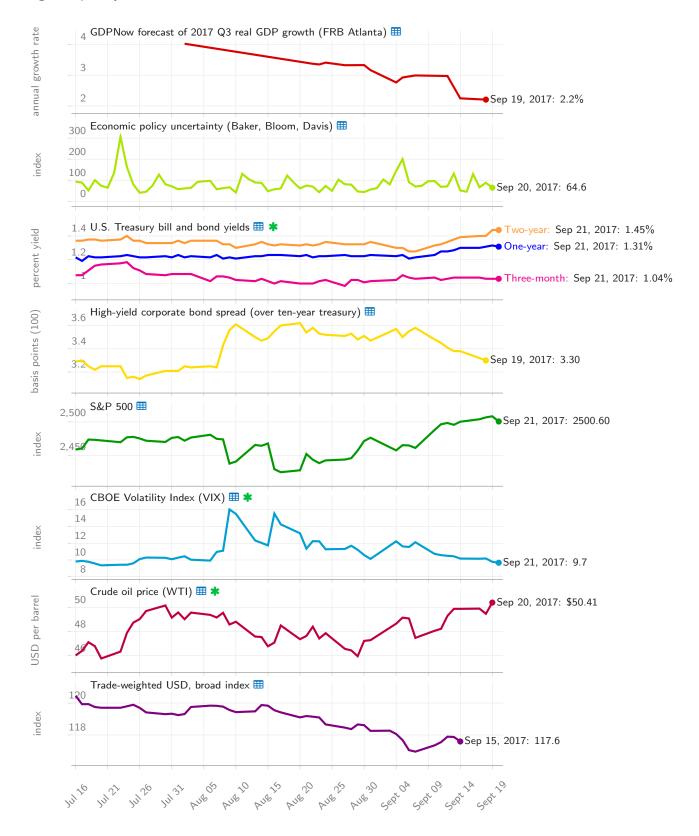
Brian Dew

★ bd-econ.com

■ brianwdew@gmail.com

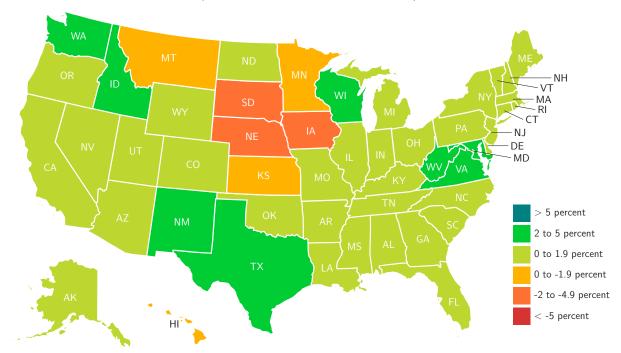
y @bd_econ

High-frequency indicators

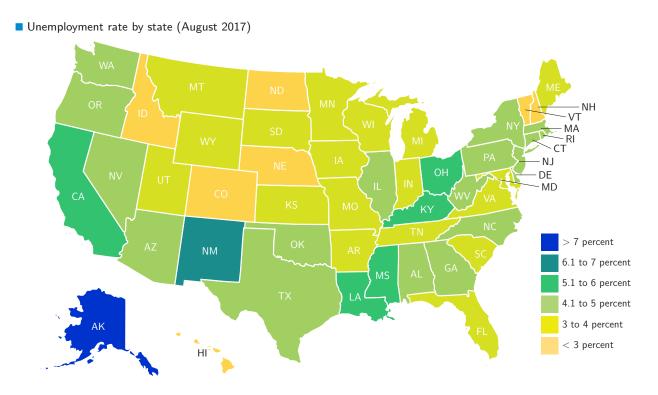


State-level economic indicators

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



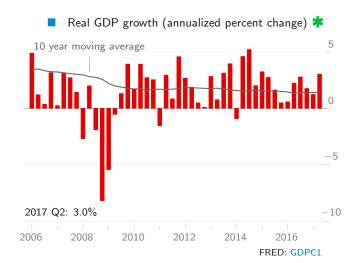
Source: U.S. Bureau of Economic Analysis (BEA), Regional Economic Accounts: GDP by State

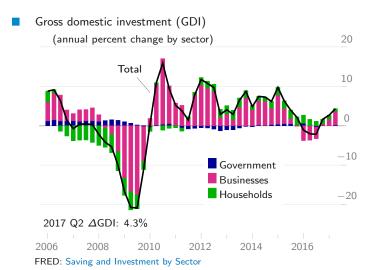


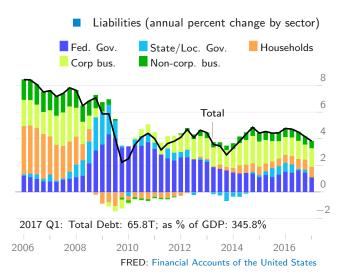
Source: U.S. Bureau of Labor Statistics (BLS), Local Area Unemployment Statistics (LAUS)

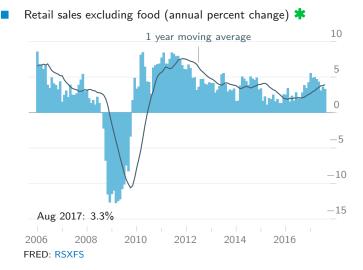
Macroeconomic Indicators: Overview

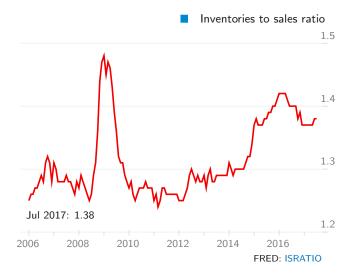
Components of real gross domestic product (GDP) 20 (chained 2009 USD, trillion) Net Exports Real GDP: 2017 Q2: 17.0T 2008 2010 2012 2014 2016 FRED: GDPC1; GCEC1; GPDIC1; NETEXC; PCECC96





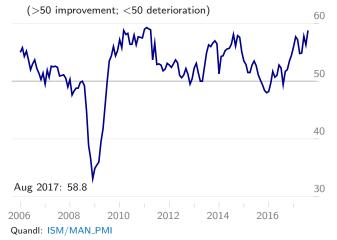






Macroeconomic Indicators: Businesses

■ ISM manufacturing purchasing managers' index

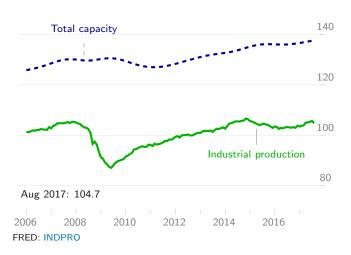




■ ISM non-manufacturing business activity index

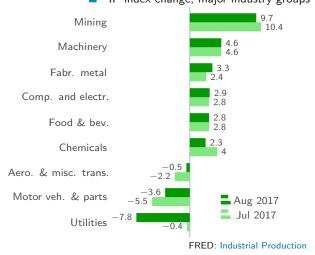




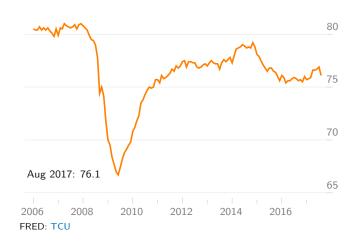




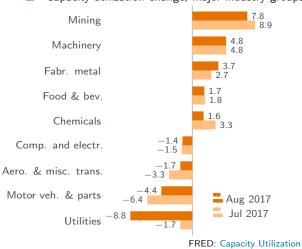
40



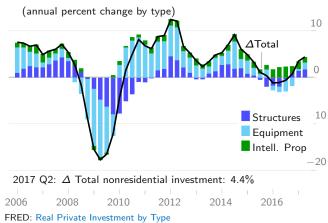
Total capacity utilization (percent of capacity)

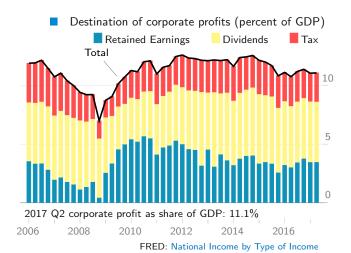


Capacity utilization change, major industry groups



Real nonresidential fixed investment

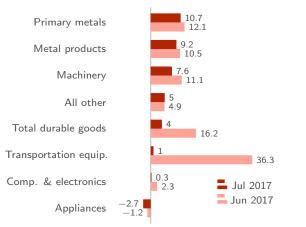




Durable goods new orders (annual percent change) *

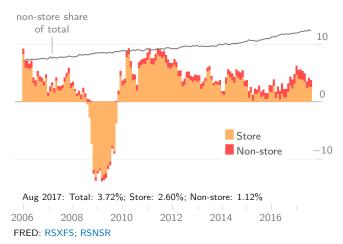


Durable goods new orders by category



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

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

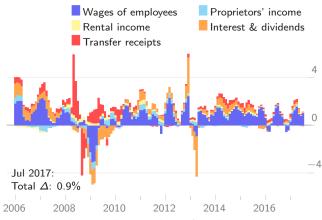


FRBSF tech pulse index (2000=100)



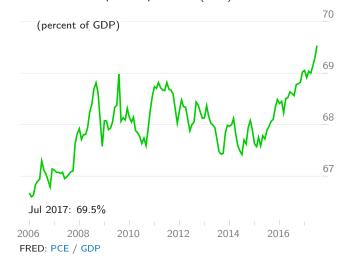
Macroeconomic Indicators: Households

Personal income (annual percent change by type)



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

Personal consumption expenditure (PCE)

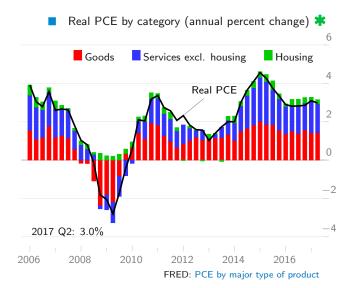


Real PCE on goods by type (annual percent change)

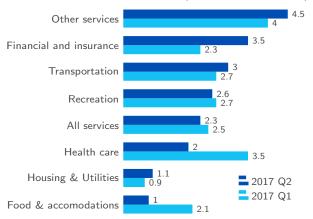


FRED: Real PCE by Major Type of Product

Real disposable personal income * (annual percent change) 10 10 year moving average -102017 Q2: 3.2% -20 2006 2008 2010 2012 2014 2016 FRED: A067RL1Q156SBEA



Real PCE on services by type (annual percent change)

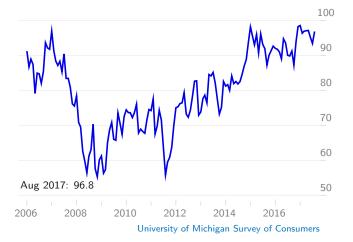


FRED: Real PCE by Major Type of Product

PCE on durable goods (percent of GDP) *



■ University of Michigan consumer sentiment index



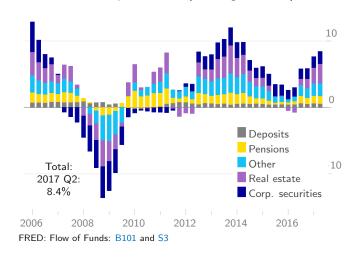
New housing starts (thousands of units)



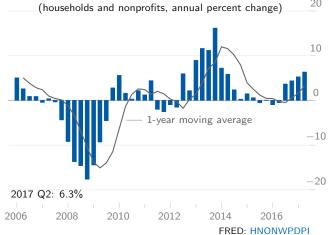
Personal savings rate (percent of disposable income)



Household and nonprofits assets (annual growth rate)

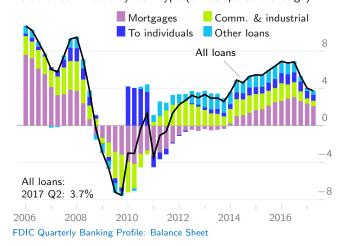


Net wealth as percent of gross disposable income

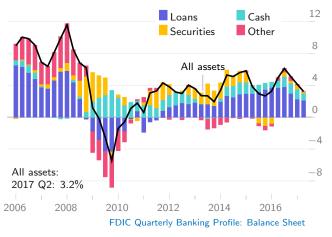


Depository Corporations

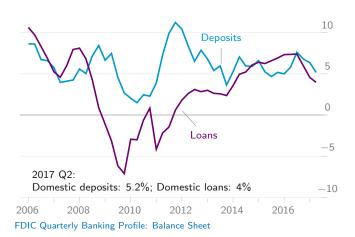
Value of bank loans by loan type (annual percent change)



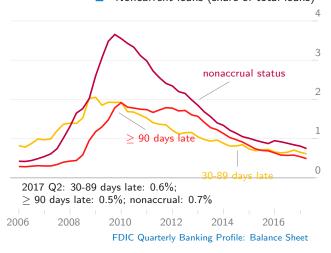
Bank assets by major type (annual percent change)



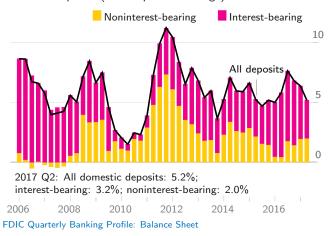
Domestic loans and deposits (annual percent change)



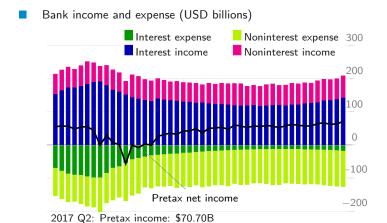
Noncurrent loans (share of total loans)



Domestic deposits (annual percent change)



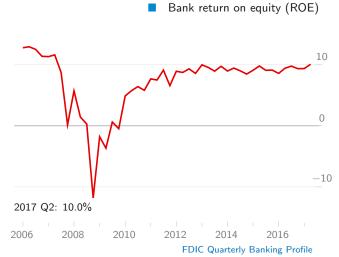
Bank liabilities and equity capital (annual % change) Deposits Equity capital Other liab. 10 -5 2017 Q2: Liab. and equity: 3.2% -102006 2008 2010 2016 2012 2014 FDIC Quarterly Banking Profile: Balance Sheet

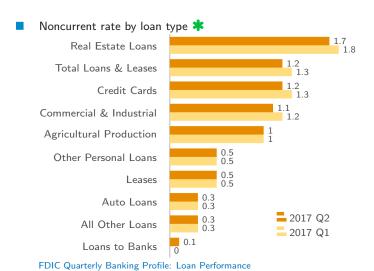


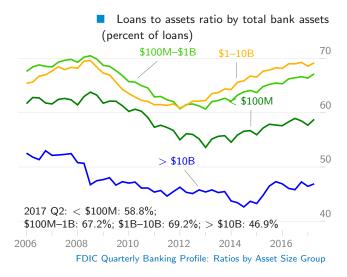
2012

2014

2016







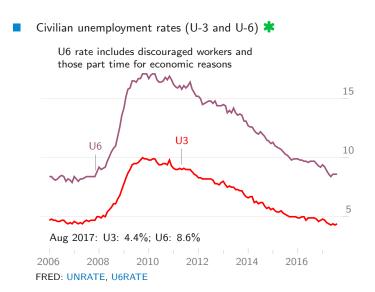
Labor Markets

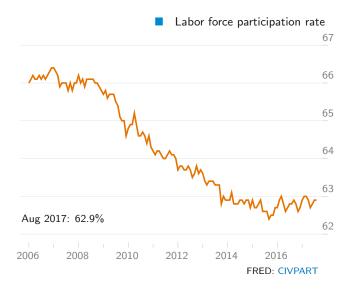
2006

2008

2010

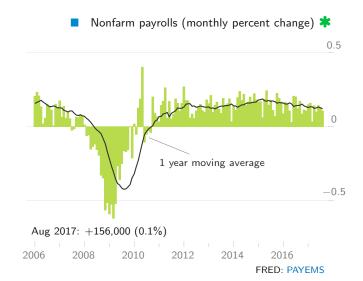
FDIC Quarterly Banking Profile: Income Statement





Share of unemployed by duration 50 (percentage of total) > 27 weeks (long-term) 40 < 5 weeks 15-27 weeks

2012



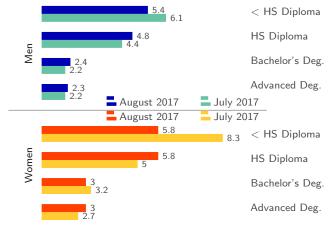
Unemployment rate by gender and education level

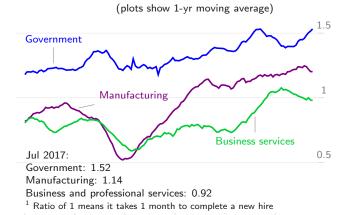
2010

2006

2008

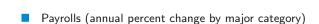
FRED: Unemployed persons by duration





Job openings per hire, ratio by sector¹

FRED: Unemployment rates, 25-64 years



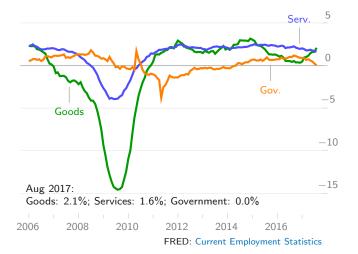
2012

2014

FRED: JOLTS Openings / Hires

2016



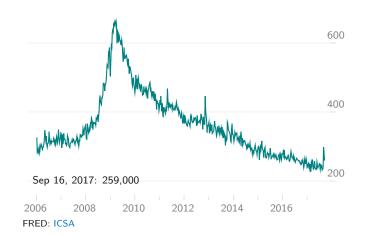


2006

2008

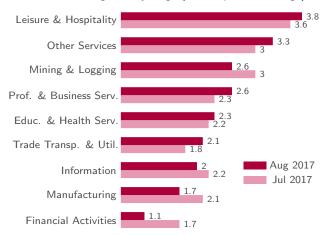
2010

New jobless claims (weekly, thousands)



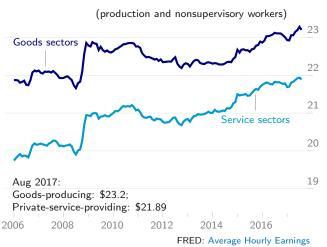
Real median weekly wage (1982–84 dollars) 350 340 2017 Q2: 354 2006 2008 2010 2012 2014 2016

Nominal average hourly wage (annual percent change)



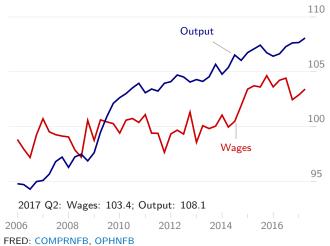
Real average hourly wages (in 2017 U.S. Dollars)

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)

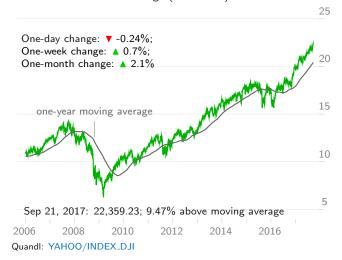


Equity Markets

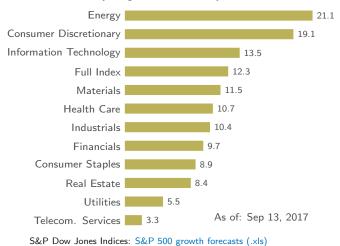
S&P 500



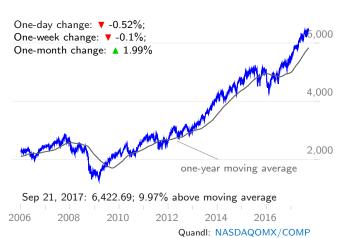
Dow Jones Industrial Average (thousands)



S&P 500 five-year growth forecast by sector



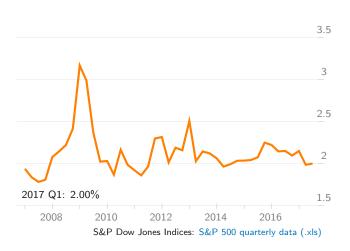
■ NASDAQ Composite Index



...combined and indexed (2006=100)



■ S&P 500 dividend yield (percent)



CBOE volatility index (VIX) *



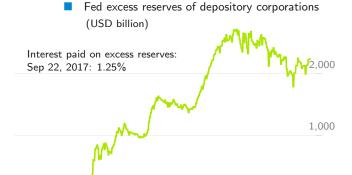
■ Shiller index of price to earnings ratios



Money and Interest Rates

■ Effective fed funds rate *****





2012

2014

2016

FRED: EXCSRESNW

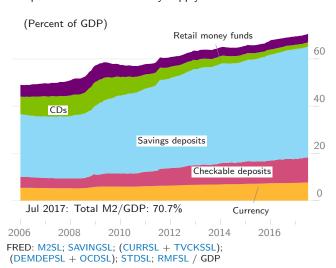
Sep 13, 2017: 2,249B

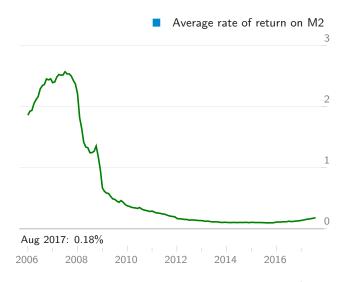
2008

2010

2006

Components of the M2 money supply





0

Treasury bond real yield by maturity



Quandl: USTREASURY/REALYIELD

2- and 10-year treasury constant maturity rates

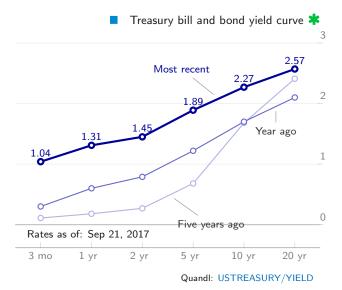


Quandl: USTREASURY/YIELD

Treasury yield spreads



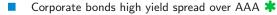
Corporate bonds AAA (effective yield)



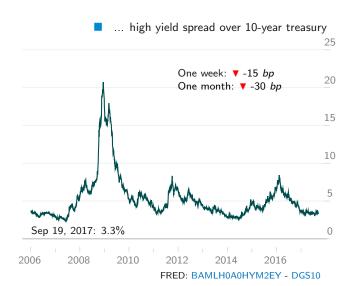
Corporate bonds high yield (effective yield) 25



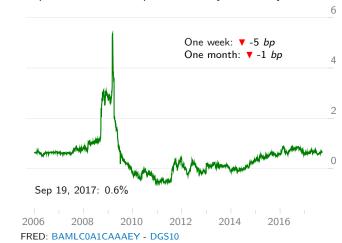


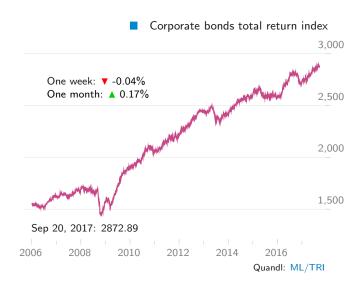






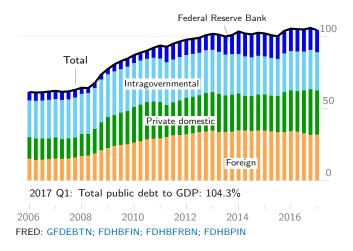
Corporate bonds AAA spread over 10-year treasury

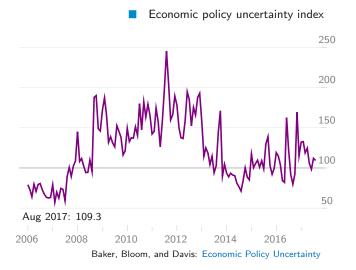




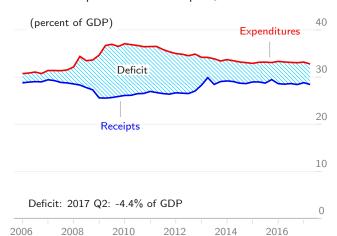
Government and Policy

■ Total public debt by holder (percent of GDP)





■ Government expenditures and receipts *****



Expend.: 2017 Q2: 2.5% Receipts: 2017 Q2: 3.6%
2006 2008 2010 2012 2014 2016
FRED: GEXPND; GRECPT

Government expenditures and receipts

10

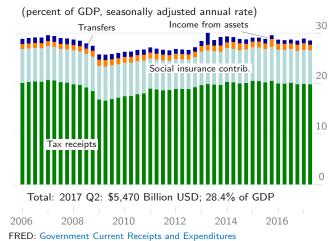
-10

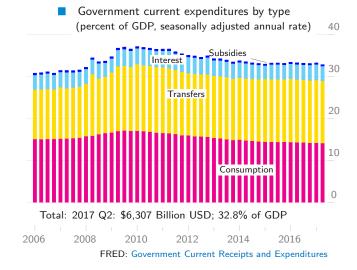
(annual percent change)

Rec.



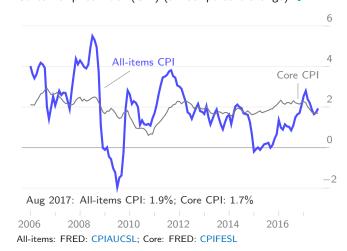
FRED: GEXPND; GRECPT

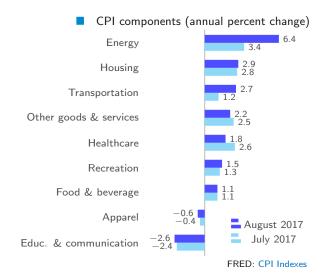




Prices

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





Producer price index, all commodities (PPIACO)



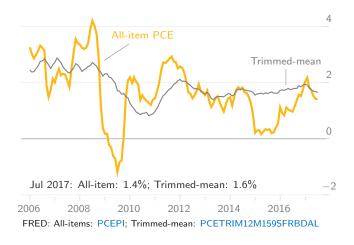
PPIACO selected components (annual percent change)



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)



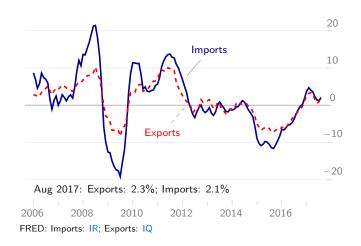


Gold price (USD per ounce)

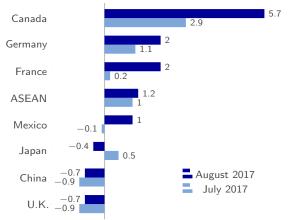




Export and import prices (annual percent change)



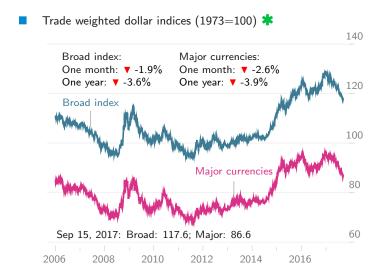
Import prices by locality of origin (annual percent change)

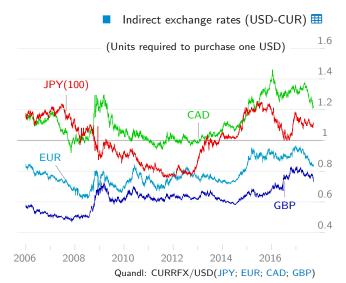


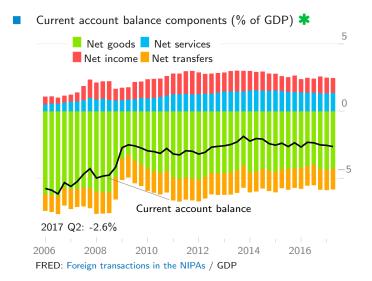
FRED: Import Price Indexes by Locality of Origin

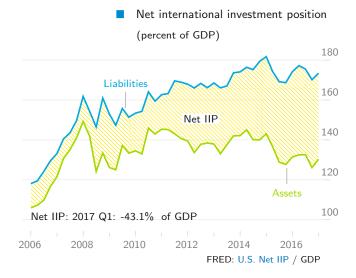
Trade and External Sector Indicators

FRED: DTWEXM; DTWEXB

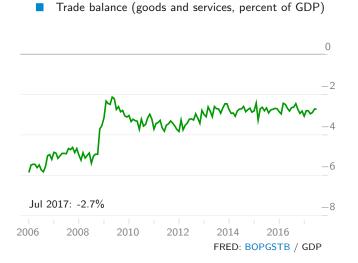




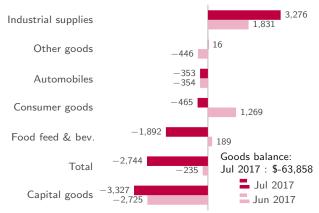








Net exports of goods (USD, millions, one-year change)



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

Net exports of services (USD, millions, one-year change) Other business Financial serv. Total 115 Maint. & repairs -48 -104 Insurance **−76** Travel Telecom Services balance: Government Jul 2017: \$21,641 **J**ul 2017 Transportation Jun 2017 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)

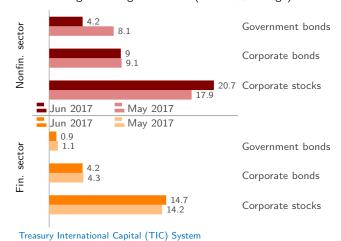


Treasury International Capital (TIC) System

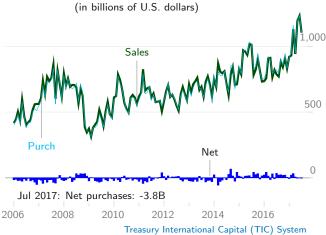
Foreign purchases and sales of U.S. securities (in billions of U.S. dollars) 3,000 Purch Sales 1,000



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



U.S. purchases and sales of foreign securities



Exchange Rate Table

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

Currency	$Rate^1$	$1~{\sf day}$ % ch.	1 week % ch.	1 month % ch.	$1~{\sf year}$ % ch.	1 year high	1 year low	Updated:
EUR	0.834	▼ -0.28	▼ -0.15	▼ -2.01	▼ -7.50	0.962	0.831	2017-09-20
GBP	0.740	▲ 0.01	▼ -1.70	▼ -4.98	▼ -4.06	0.831	0.737	2017-09-20
JPY	111.578	▲ 0.07	▲ 1.21	▲ 2.02	▲ 8.83	118.253	100.324	2017-09-20
CAD	1.229	▲ 0.08	▲ 0.94	▼ -2.41	▼ -7.40	1.375	1.211	2017-09-20
■ MXN	17.816	▲ 0.43	▲ 0.51	▲ 0.55	▼ -11.32	21.921	17.490	2017-09-20
X AUD	1.249	▼ -0.43	▲ 0.18	▼ -0.99	▼ -5.92	1.393	1.241	2017-09-20
CNY	6.583	▲ 0.15	▲ 0.73	▼ -1.30	▼ -1.32	6.957	6.485	2017-09-20
CHF	0.963	▲ 0.12	▲ 0.28	▼ -0.30	▼ -1.73	1.030	0.945	2017-09-20
™ ∵ NZD	1.367	▼ -0.67	▼ -0.43	▼ -0.05	▲ 0.06	1.463	1.329	2017-09-20
SEK	7.953	▼ -0.01	▼ -0.16	▼ -2.00	▼ -8.10	9.404	7.919	2017-09-20
NOK	7.802	▼ -0.28	▼ -0.39	▼ -1.43	▼ -6.36	8.712	7.729	2017-09-20
DKK	6.205	▼ -0.29	▼ -0.17	▼ -1.94	▼ -7.71	7.155	6.186	2017-09-20
RUB	58.080	▲ 0.02	▲ 0.78	▼ -1.40	▼ -11.43	65.960	55.780	2017-09-20
★ HKD	7.804	▼ -0.16	▼ -0.11	▼ -0.24	▲ 0.62	7.826	7.753	2017-09-20
SGD	1.347	▼ -0.04	▲ 0.01	▼ -1.25	▼ -1.08	1.451	1.339	2017-09-20
TWD	30.114	▲ 0.07	▲ 0.35	▼ -0.65	▼ -3.90	32.437	29.988	2017-09-20
C* TRY	3.488	▼ -0.01	▲ 1.59	▼ -0.81	▲ 14.65	3.877	2.942	2017-09-20
KRW	1130.360	▲ 0.14	▲ 0.24	▼ -0.77	▲ 1.16	1209.840	1093.250	2017-09-20
ZAR	13.325	▲ 0.30	▲ 2.60	▲ 1.24	▼ -4.35	14.470	12.470	2017-09-20
♦ BRL	3.133	▼ -0.07	▲ 0.35	▼ -1.43	▼ -3.98	3.576	3.056	2017-09-20
INR	64.299	▲ 0.13	▲ 0.48	▲ 0.35	▼ -4.16	68.805	63.641	2017-09-20
	3.509	▼ -0.53	▼ -0.73	▼ -3.03	▼ -7.58	3.880	3.482	2017-09-20
EGP	17.615	▼ -0.13	▼ -0.06	▼ -0.76	▲ 49.72	19.620	8.857	2017-09-20
IDR	13256.000	▼ -0.09	▲ 0.36	▼ -0.75	▲ 0.81	13575.000	12944.000	2017-09-20
ТНВ	33.064	▼ -0.03	▼ -0.15	▼ -0.42	▼ -5.13	35.990	33.064	2017-09-20
MYR MYR	4.190	▲ 0.07	▼ -0.35	▼ -2.32	▲ 1.31	4.496	4.110	2017-09-20
ARS	17.122	▲ 0.18	▲ 0.37	▼ -0.86	▲ 11.40	17.802	14.900	2017-09-20
COP	2900.190	▼ -0.23	▼ -0.16	▼ -3.03	▼ -0.32	3181.000	2821.500	2017-09-20
CLP	624.900	▲ 1.86	▲ 0.50	▼ -3.36	▼ -7.33	678.390	613.260	2017-09-20

 ${\sf QuandI:\ CURRFX/USD(CUR)}$

► 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.