

Macro and Markets Dashboard: United States

Updated: November 19, 2017



Key Indicators

			change over prev.	as of:
	Real GDP	17.2T	3.0%	2017 Q3
	Unemp. rate	4.1%	-0.1	Oct 2017
	CPI Inflation	2.0%	-0.2	Oct 2017

			one week change	one month change	as of:
	S&P 500	2,578.85	-0.1%	0.7%	2017-11-17
	DJIA	23,358.24	-0.3%	0.8%	2017-11-17
	NASDAQ	6,782.79	0.5%	2.7%	2017-11-17
	VIX	11.43	1.2%	13.7%	2017-11-17
	2-yr t-bond	1.73%	0.06	0.15	2017-11-17
	10-yr t-bond	2.35%	-0.05	0.02	2017-11-17
	Crude oil	\$56.55	-0.3%	10.3%	2017-11-17
	USD index	89.41	-0.3%	1.5%	2017-11-09

chart: data:

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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.

Contact

Brian Dew

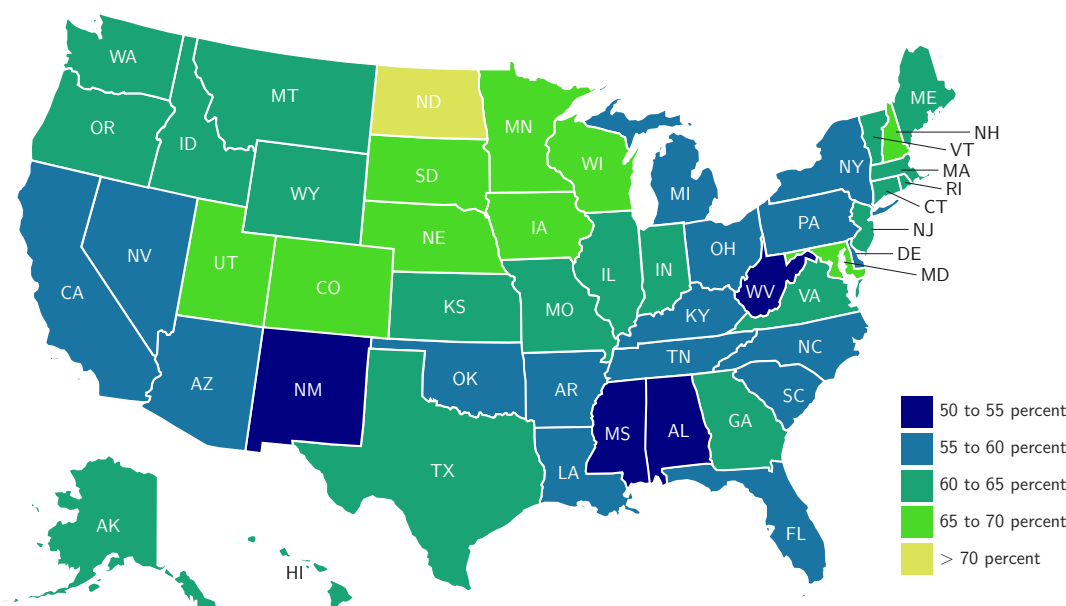
bd-econ.com

brianwdew@gmail.com

[@bd_econ](https://twitter.com/bd_econ)

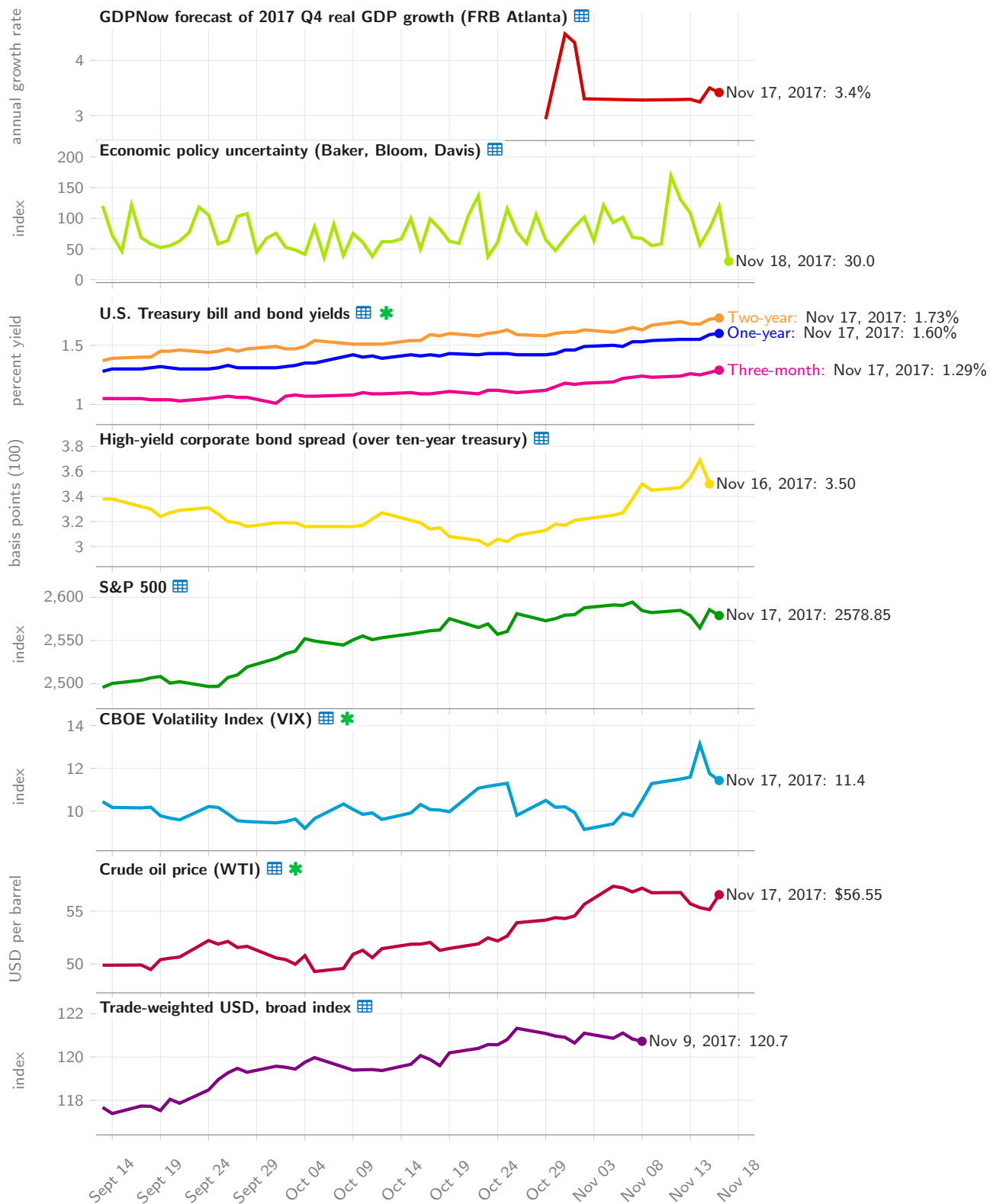
Chart of the week

■ Employment-Population Ratio by State, October 2017



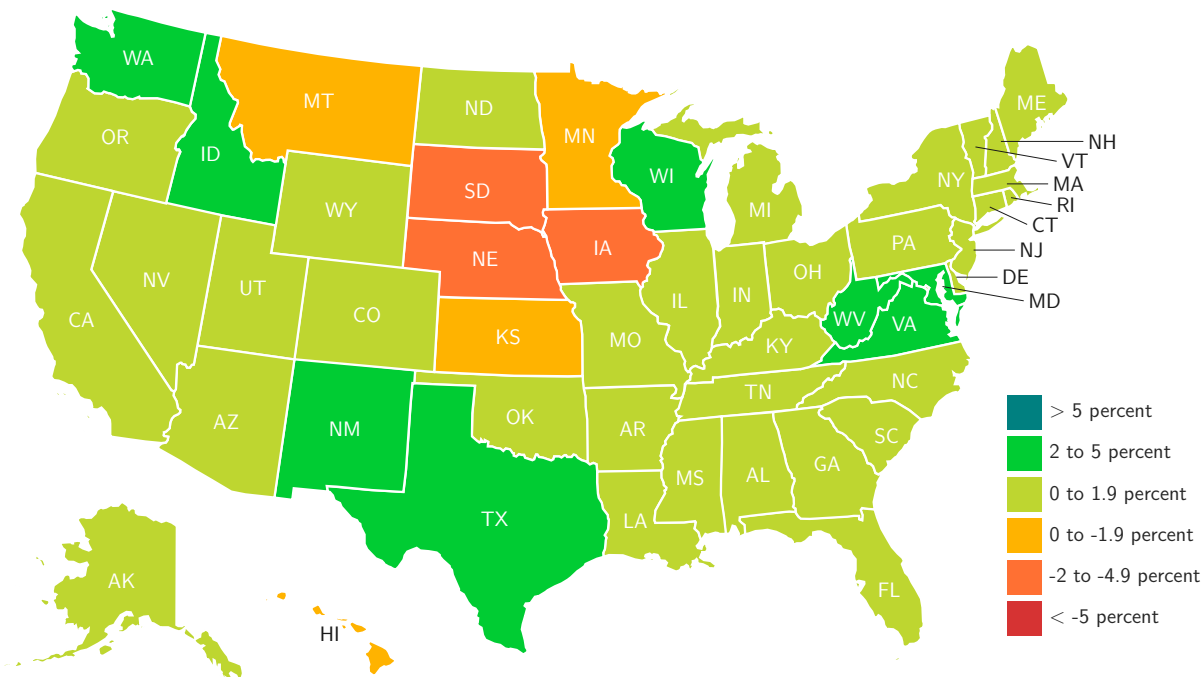
Source: U.S. Bureau of Labor Statistics: Employment Percent of Civilian NonInstitutional Population, Seasonally Adjusted, [Monthly](#)

High-frequency indicators



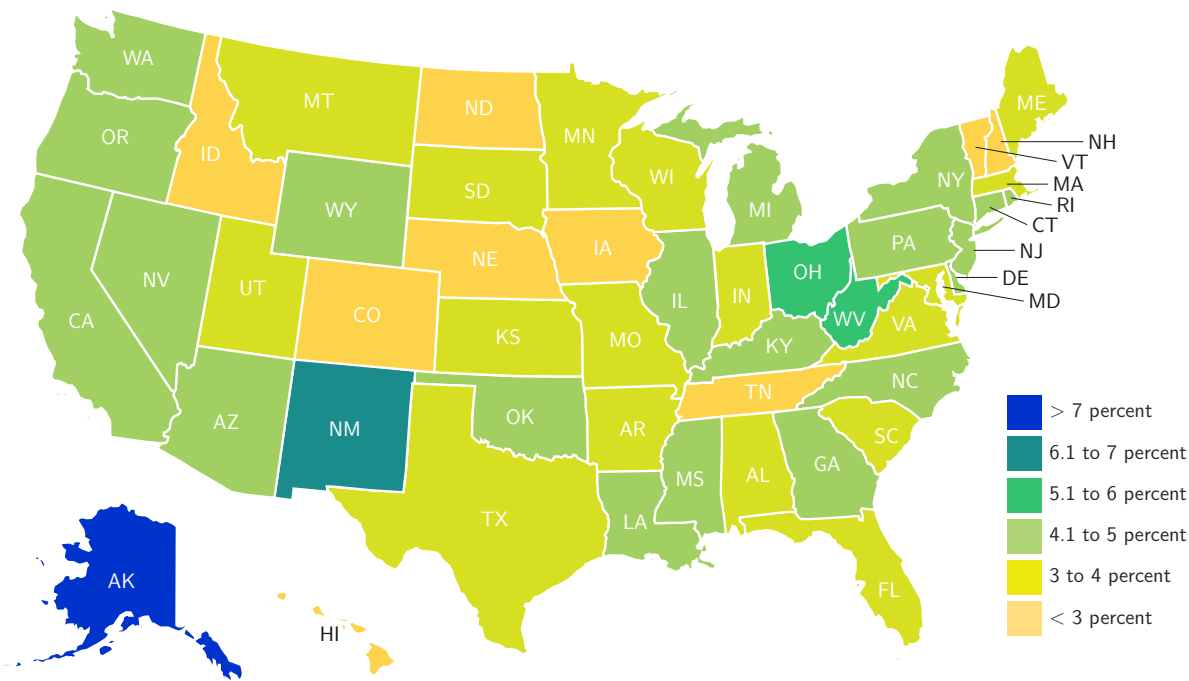
State-level economic indicators

■ 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](#)

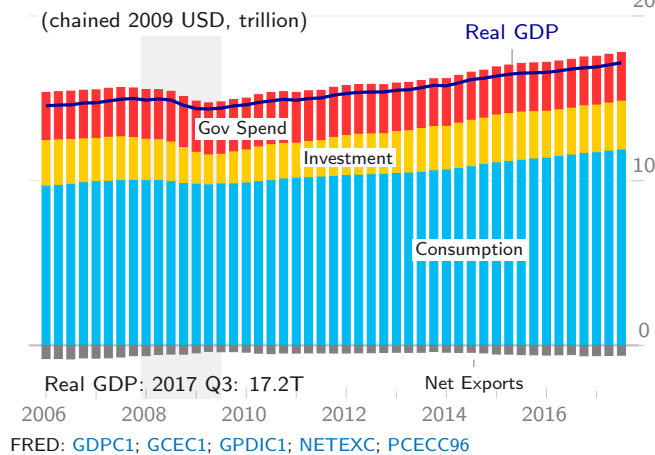
■ Unemployment rate by state (October 2017)



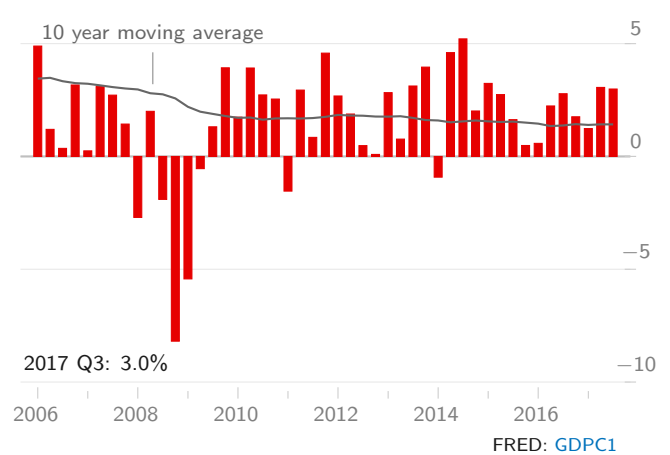
Source: U.S. Bureau of Labor Statistics (BLS), [Local Area Unemployment Statistics \(LAUS\)](#)

Macroeconomic Indicators: Overview

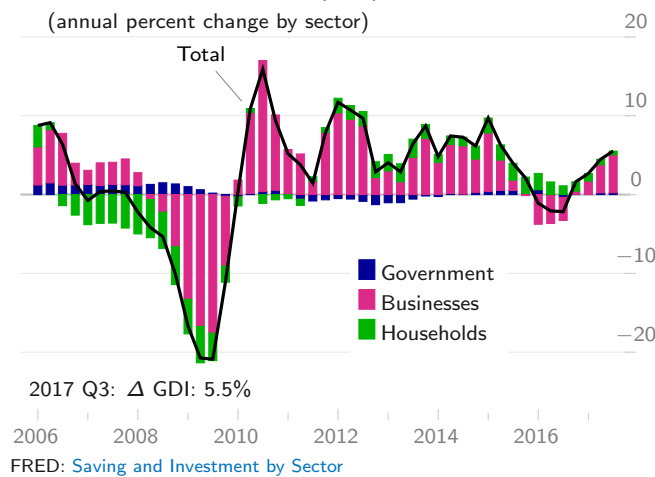
Components of real gross domestic product (GDP)



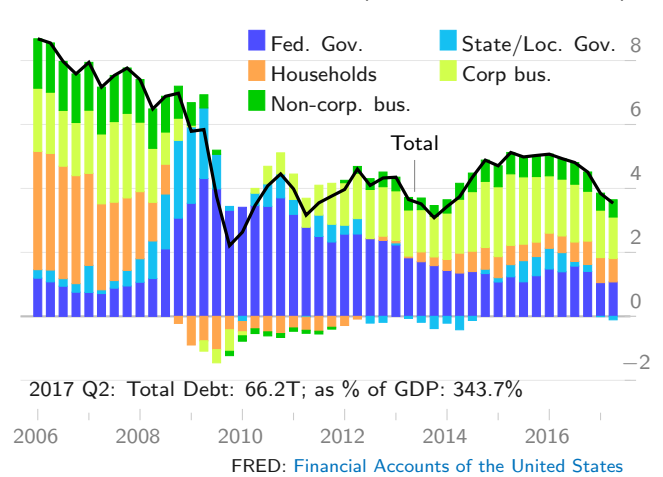
Real GDP growth (annualized percent change) *



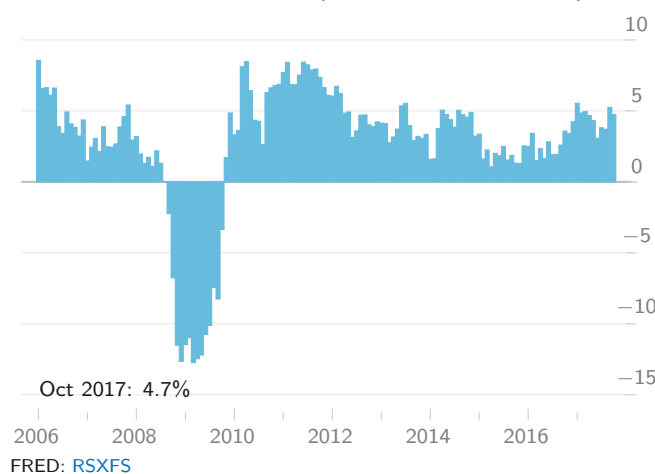
Gross domestic investment (GDI)



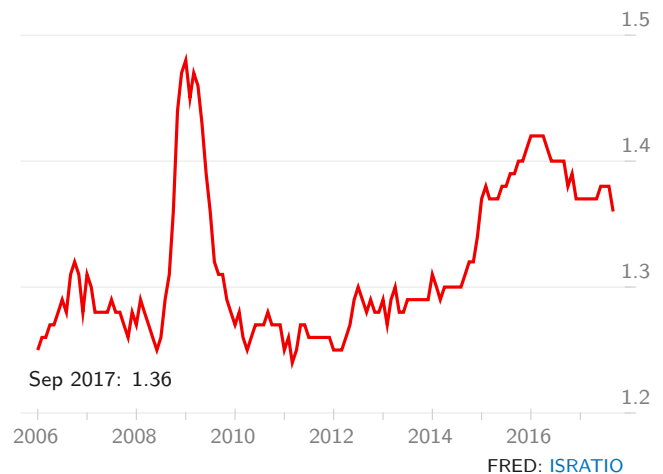
Net new borrowing by sector (annual percent change)



Retail sales excluding food (annual percent change) *

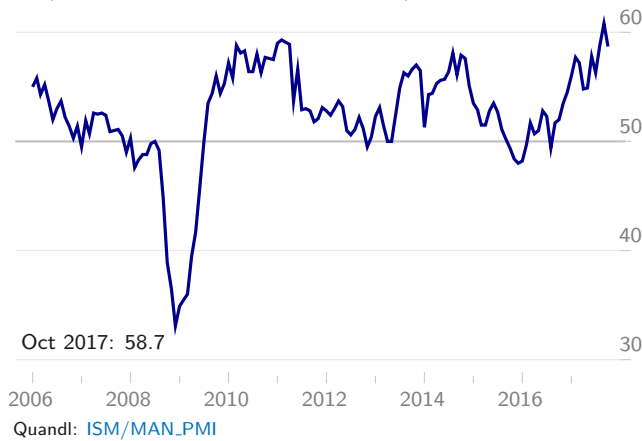


Inventories to sales ratio

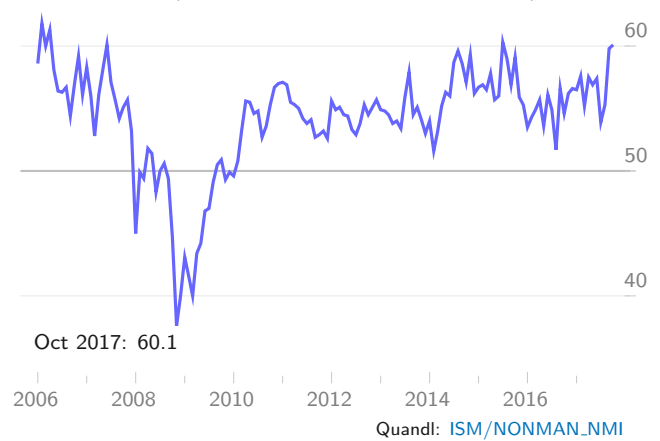


Macroeconomic Indicators: Businesses

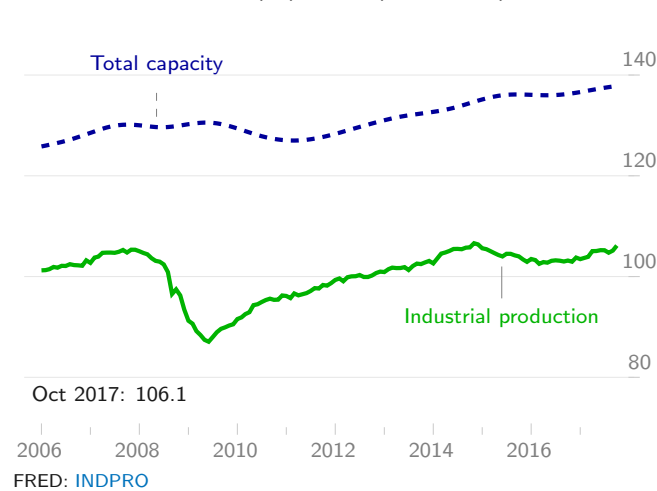
■ ISM manufacturing purchasing managers' index
(>50 improvement; <50 deterioration)



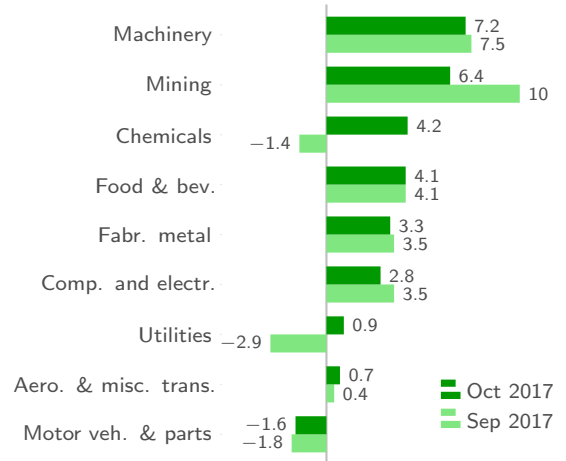
■ ISM non-manufacturing business activity index
(>50 improvement; <50 deterioration)



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



■ IP index change, major industry groups

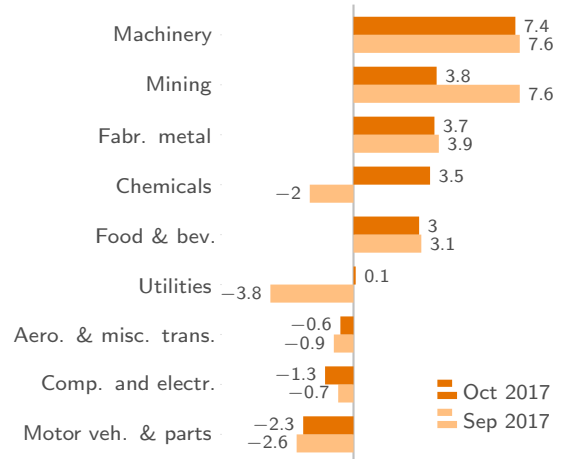


FRED: [Industrial Production](#)

■ Total capacity utilization (percent of capacity)

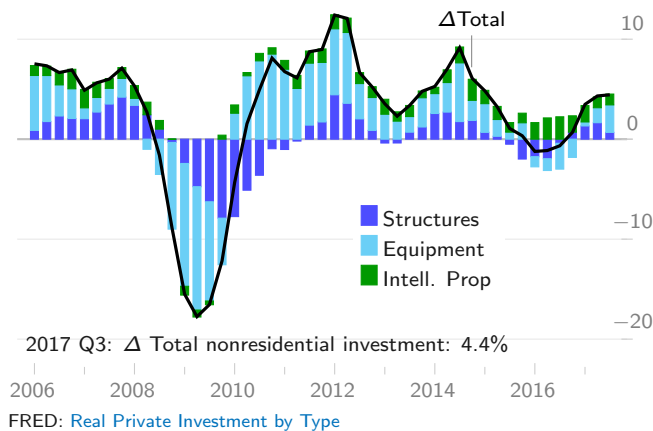


■ Capacity utilization change, major industry groups

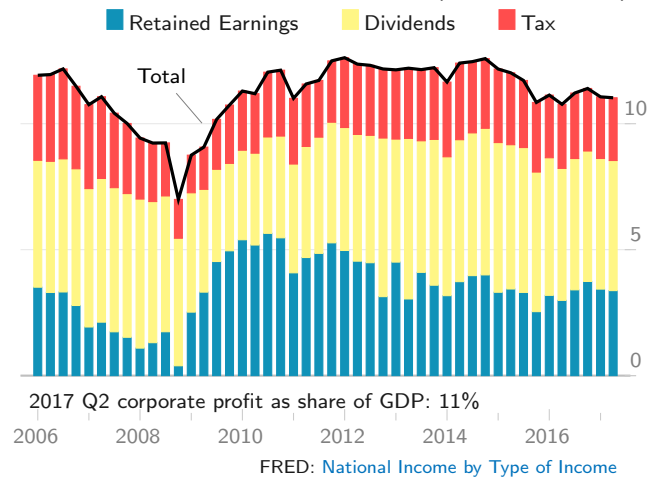


FRED: [Capacity Utilization](#)

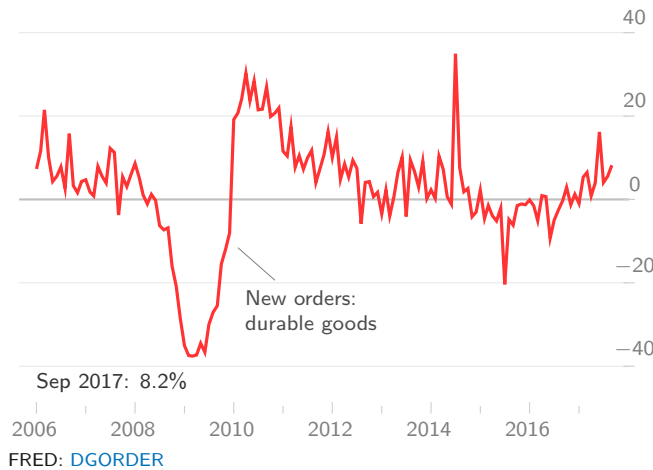
■ Real nonresidential fixed investment
(annual percent change by type)



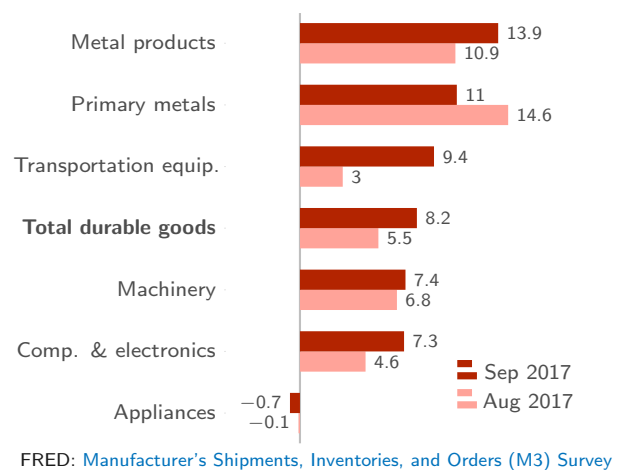
■ Destination of corporate profits (percent of GDP)



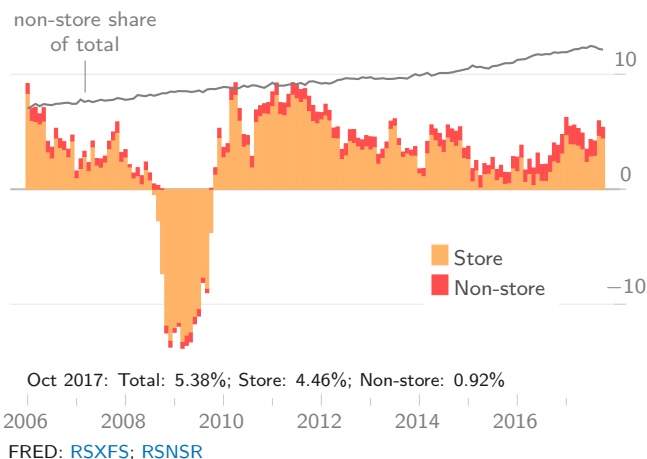
■ Durable goods new orders (annual percent change) *



■ Durable goods new orders by category



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

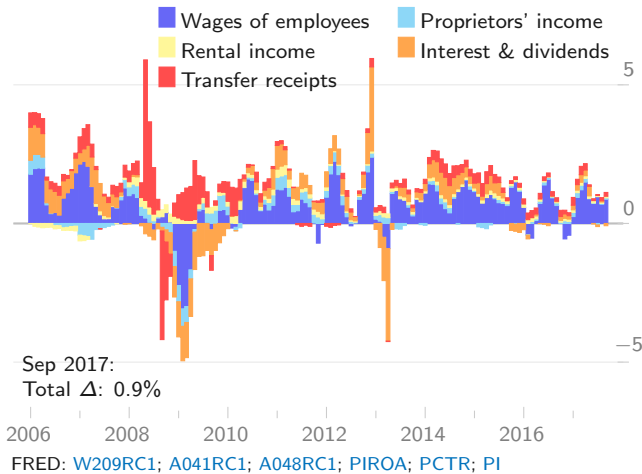


■ FRBSF tech pulse index (2000=100)

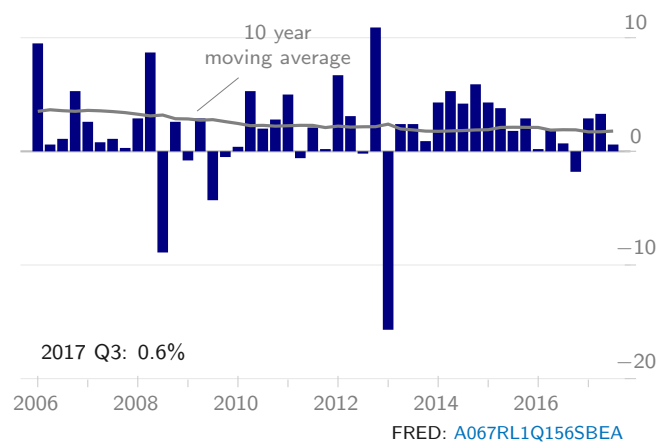


Macroeconomic Indicators: Households

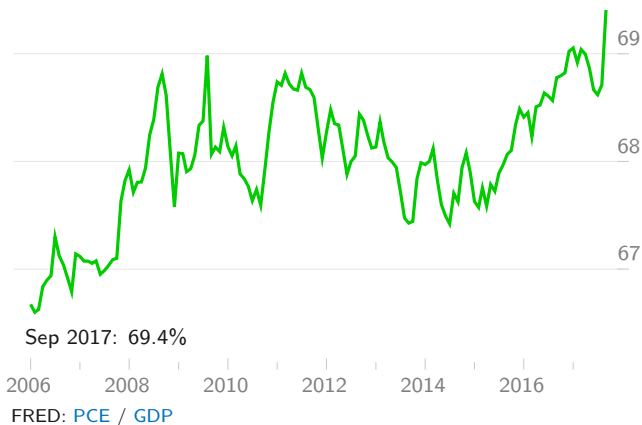
Personal income (annual percent change by type)



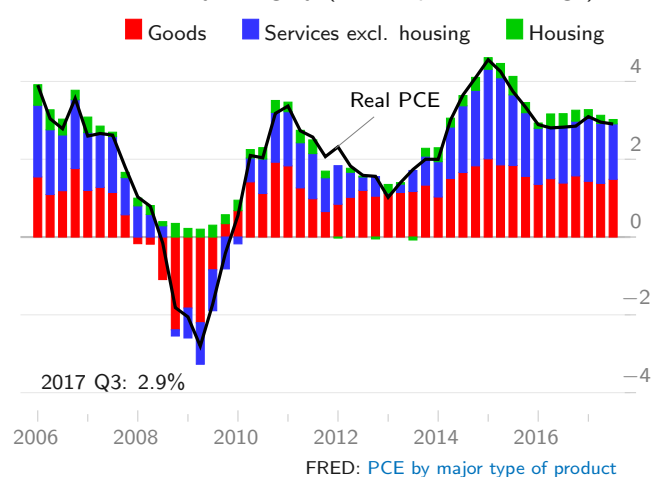
Real disposable personal income (annual percent change) *



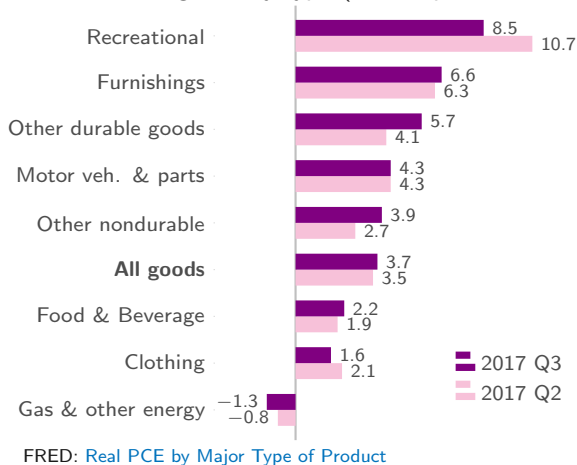
Personal consumption expenditure (PCE) (percent of GDP)



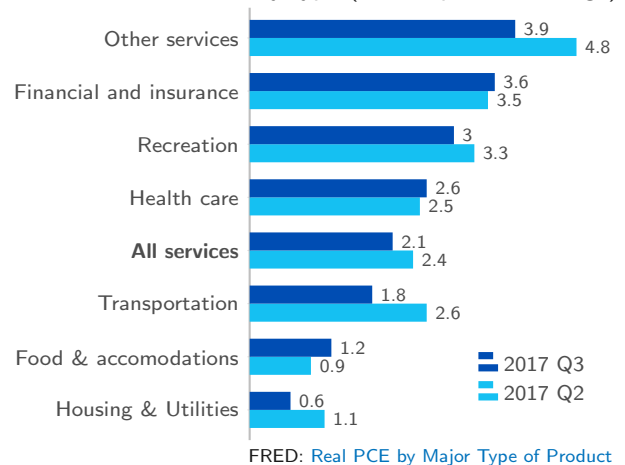
Real PCE by category (annual percent change) *



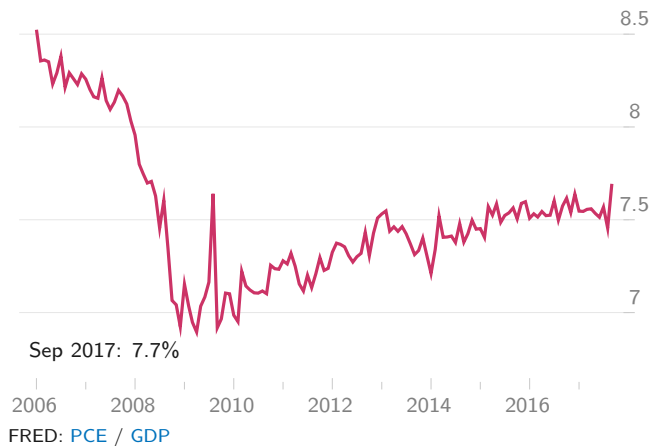
Real PCE on goods by type (annual percent change)



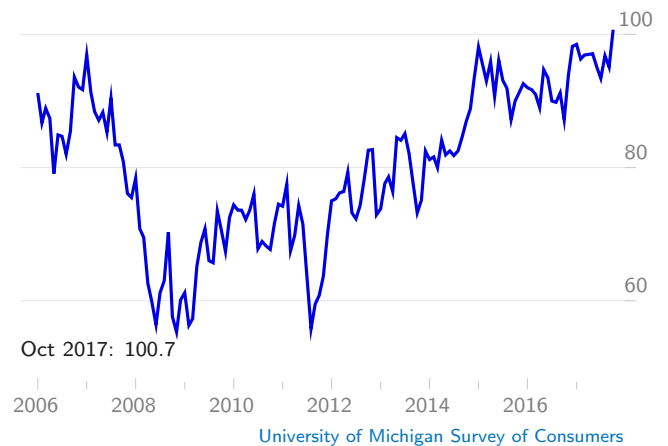
Real PCE on services by type (annual percent change)



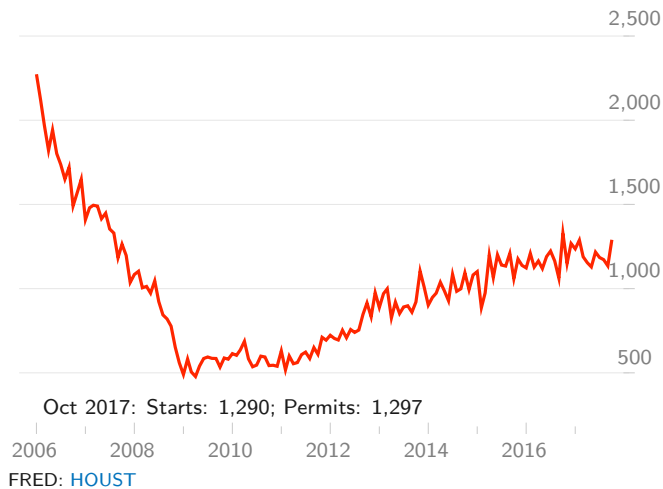
■ PCE on durable goods (percent of GDP) * 🌱



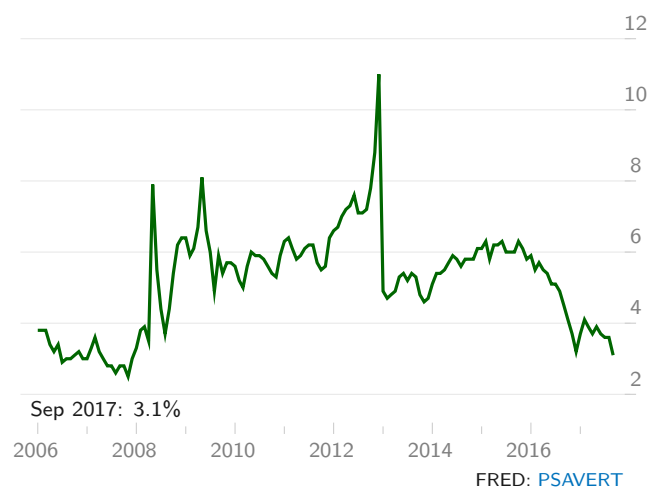
■ University of Michigan consumer sentiment index



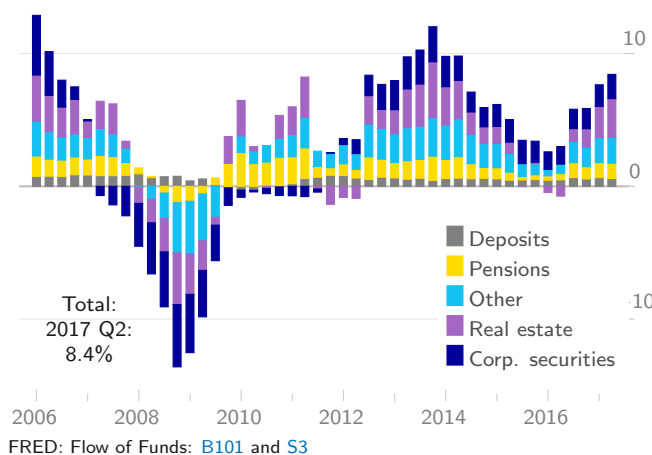
■ New housing starts (thousands of units)



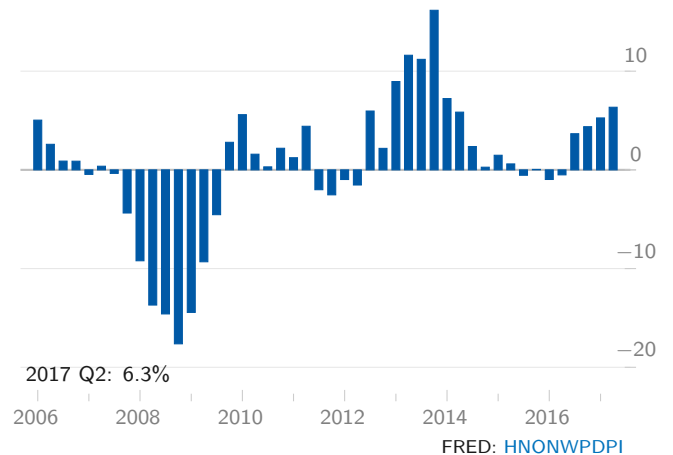
■ Personal savings rate (percent of disposable income)



■ Household and nonprofits assets (annual growth rate)

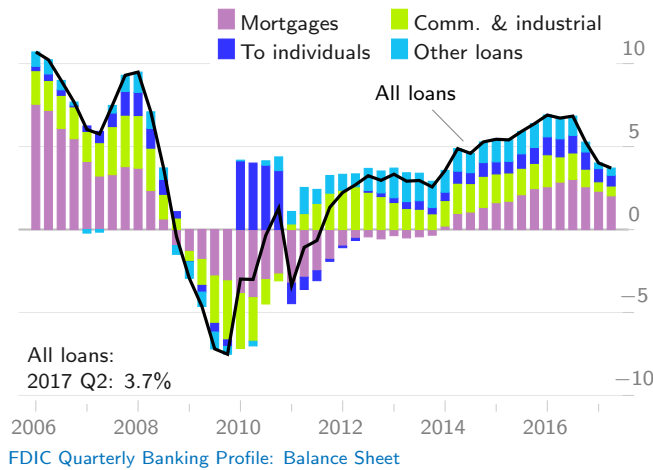


■ Net wealth as percent of gross disposable income
(households and nonprofits, annual percent change)

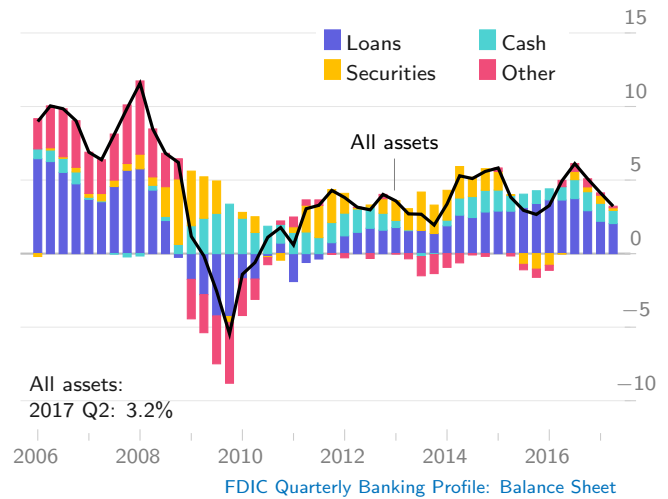


Depository Corporations

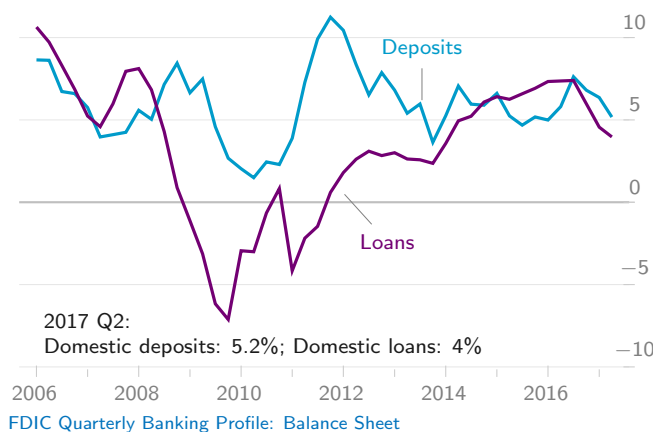
Value of bank loans by loan type (annual percent change)



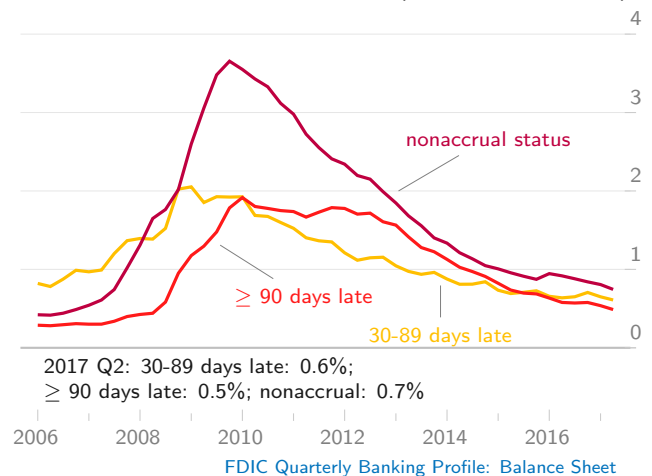
Bank assets by major type (annual percent change)



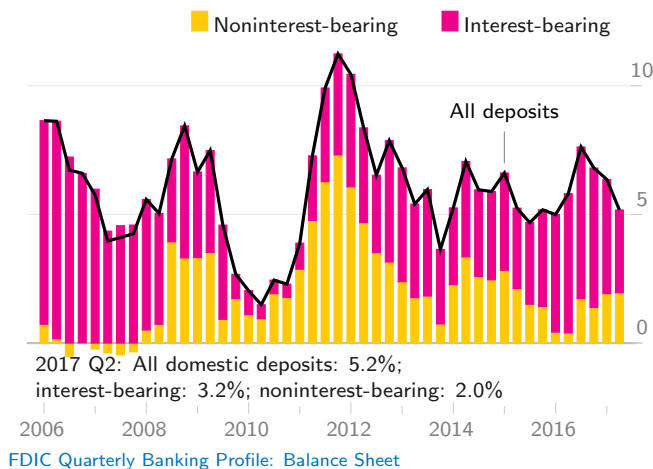
Domestic loans and deposits (annual percent change)



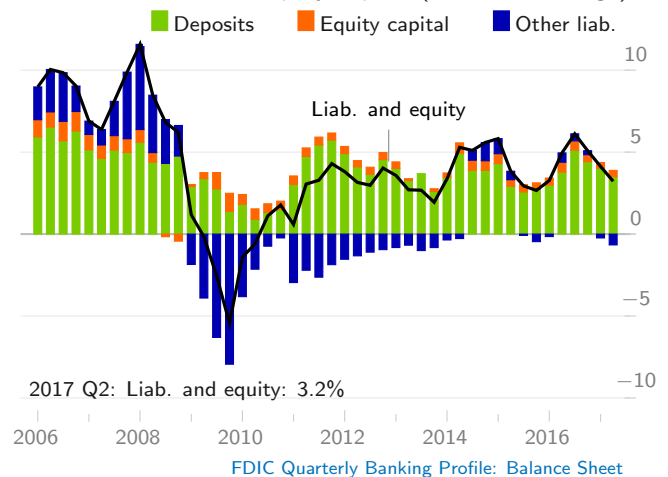
Noncurrent loans (share of total loans)



Domestic deposits (annual percent change)

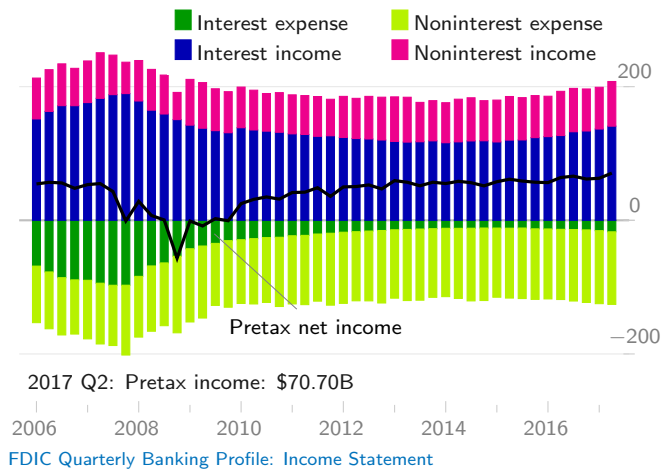


Bank liabilities and equity capital (annual % change)

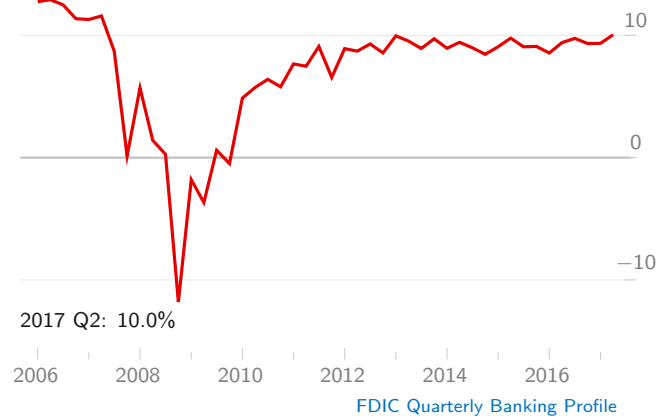


Macro and Markets Dashboard: United States

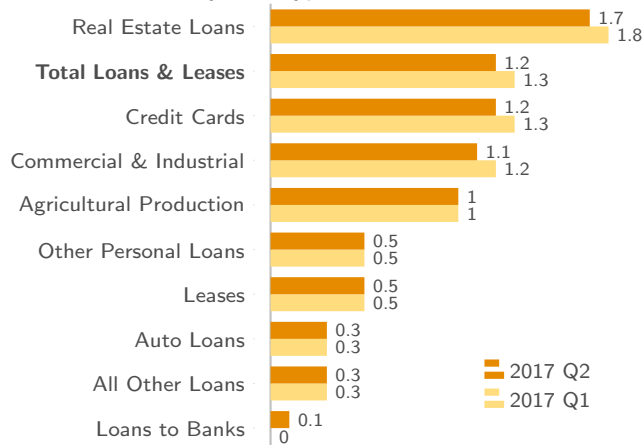
Bank income and expense (USD billions)



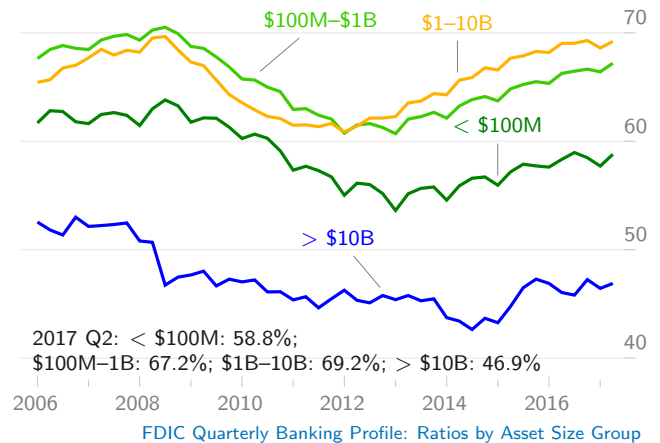
Bank return on equity (ROE)



Noncurrent rate by loan type *

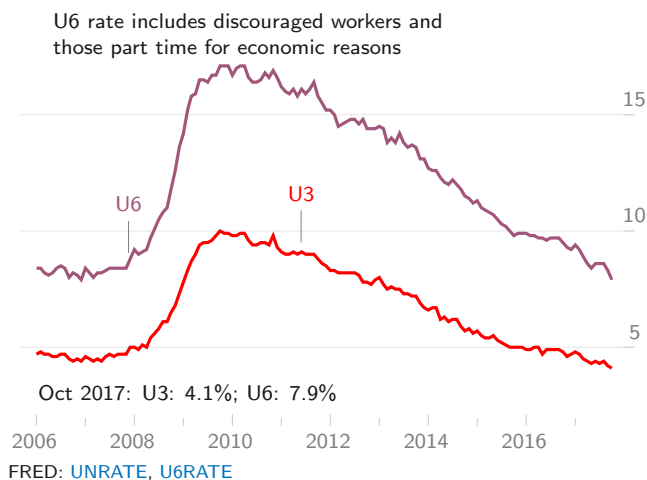


Loans to assets ratio by total bank assets (percent of loans)

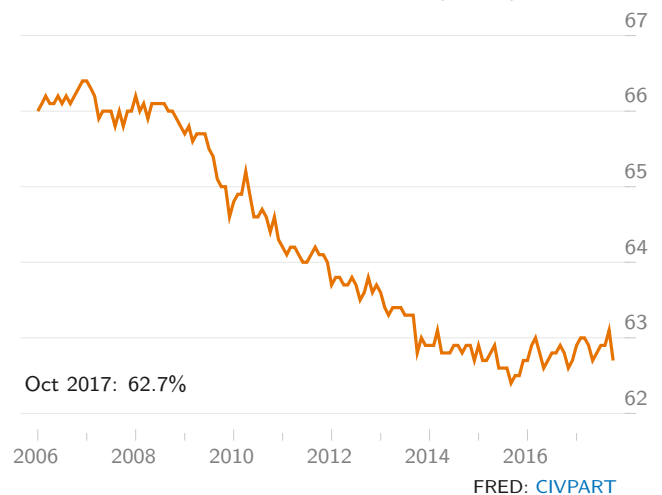


Labor Markets

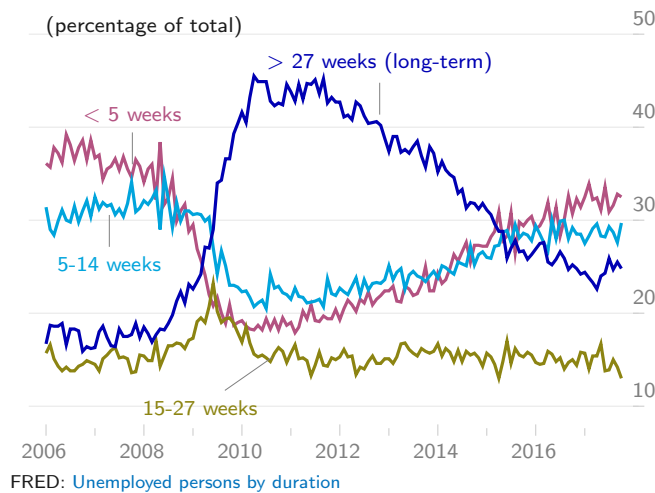
Civilian unemployment rates (U-3 and U-6) *



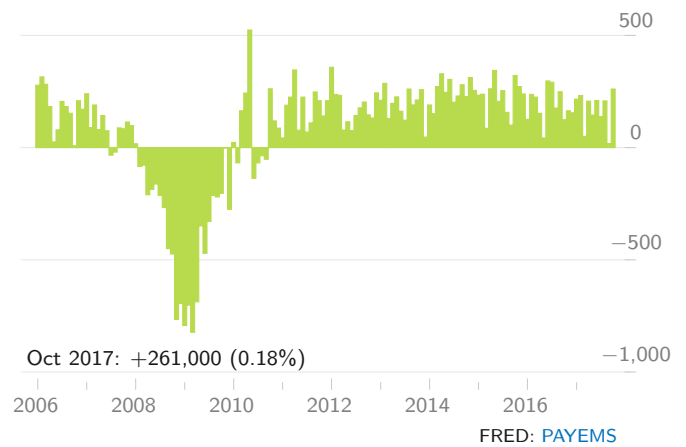
Labor force participation rate



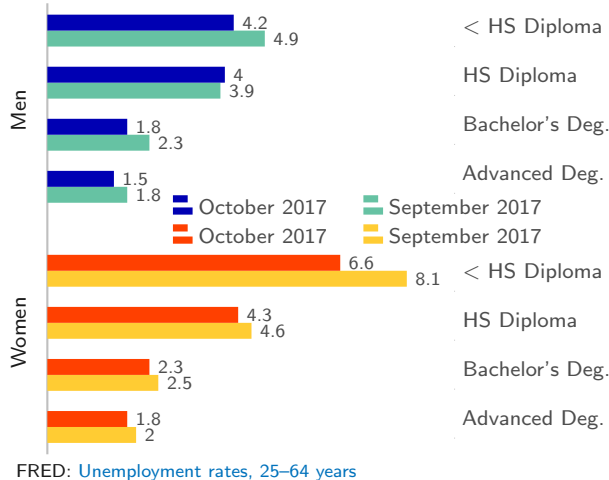
■ Share of unemployed by duration (percentage of total)



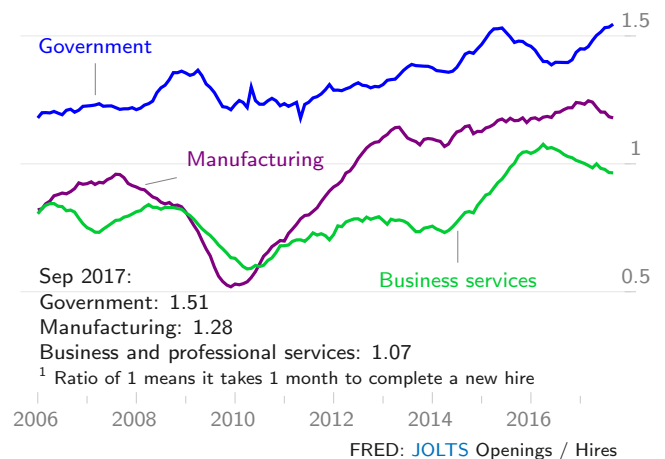
■ Nonfarm payrolls (monthly job growth, thousands) *



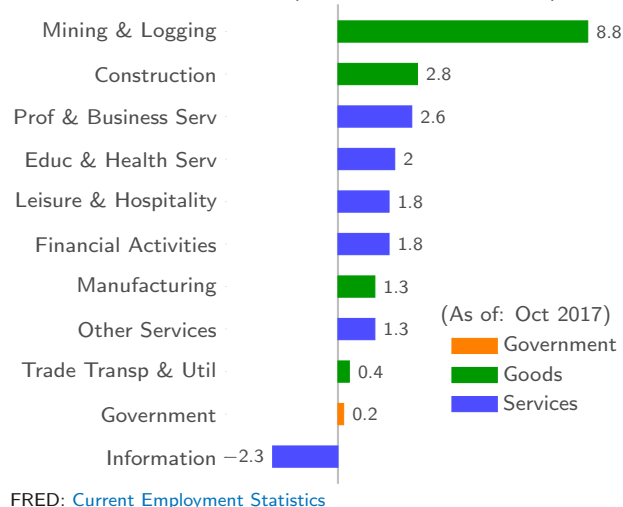
■ Unemployment rate by gender and education level



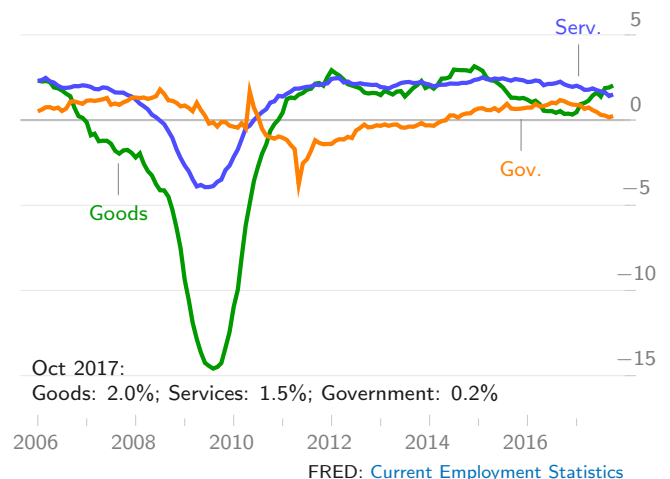
■ Job openings per hire, ratio by sector¹ (plots show 1-yr moving average)



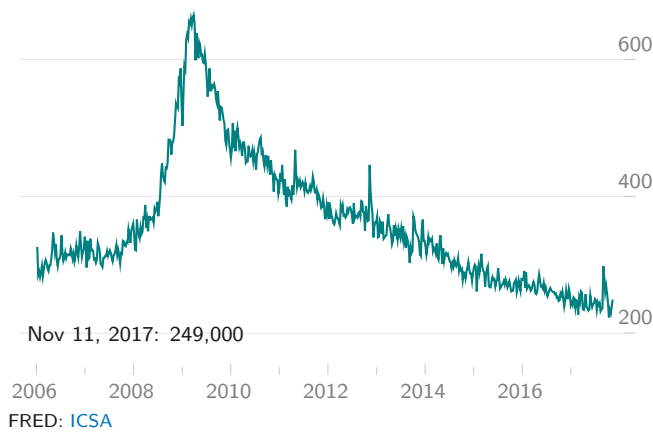
■ Payroll growth by sector (annual percent change)



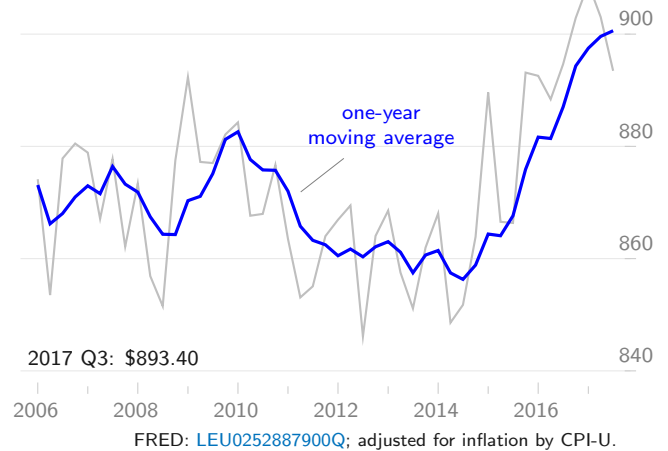
■ Payrolls (annual percent change by major category)



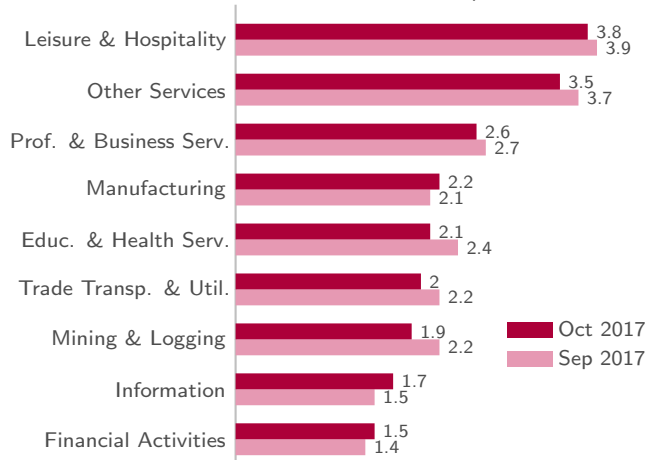
New jobless claims (weekly, thousands)



Real median weekly earnings (current dollars) (full-time employees age 25-54)

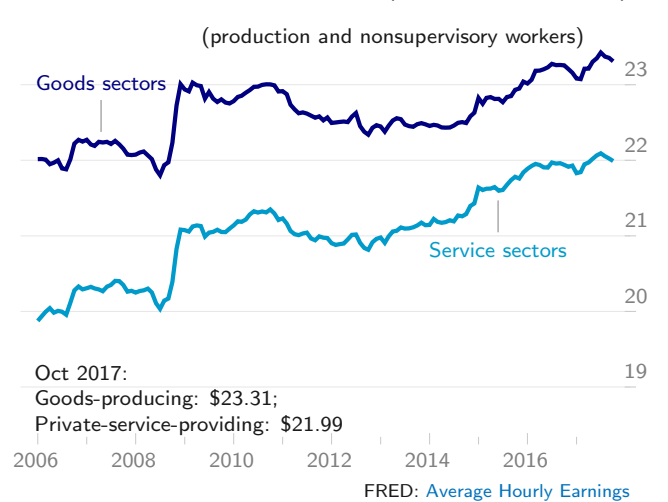


Nominal average hourly wage growth (annual percent change)

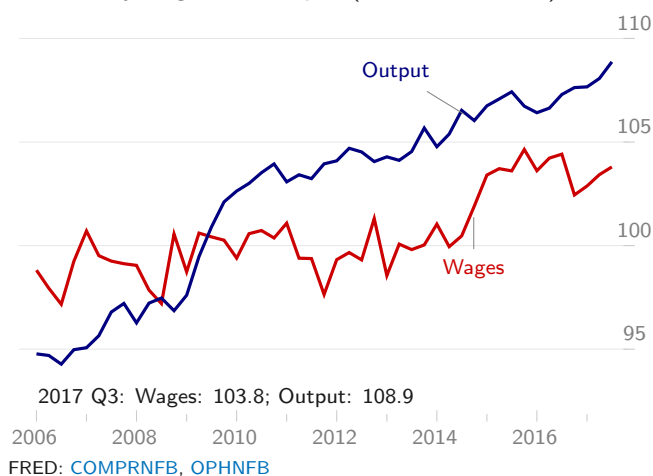


FRED: [Average Hourly Earnings](#), Production and Nonsupervisory Employees

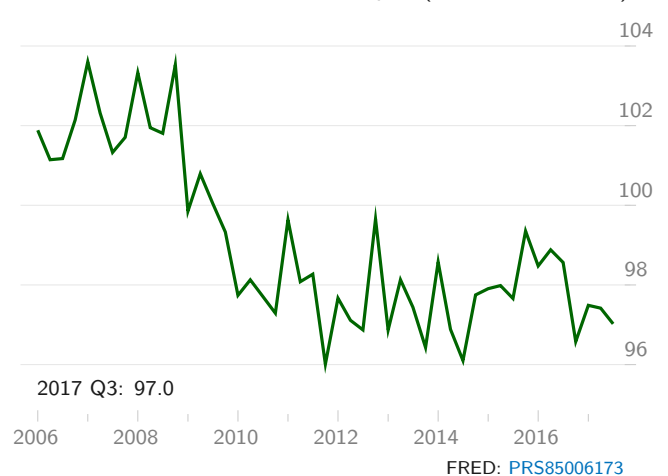
Real average hourly wages (in 2017 U.S. Dollars) (production and nonsupervisory workers)



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

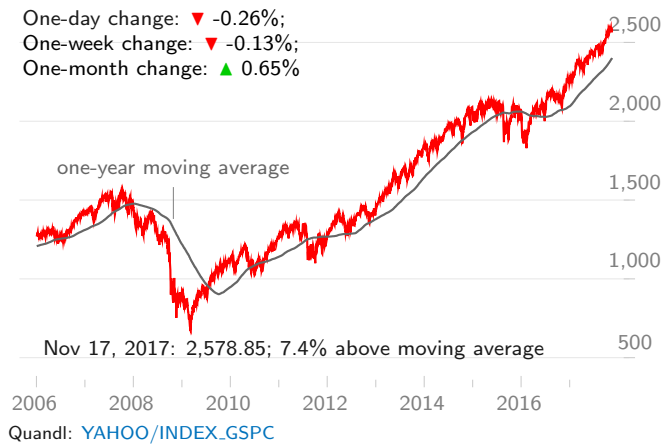


Labor share of output (index, 2005=100)

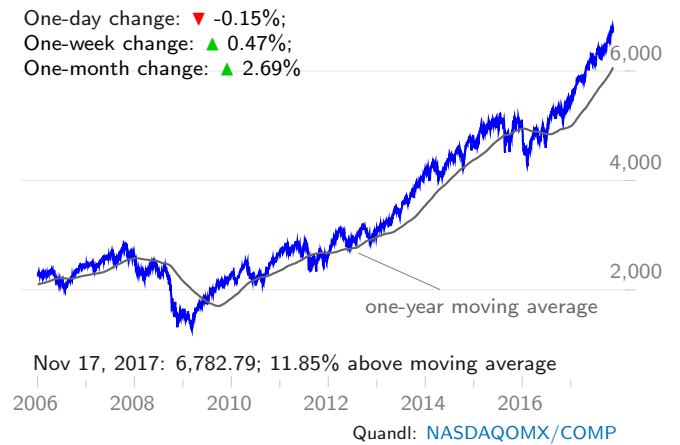


Equity Markets

S&P 500



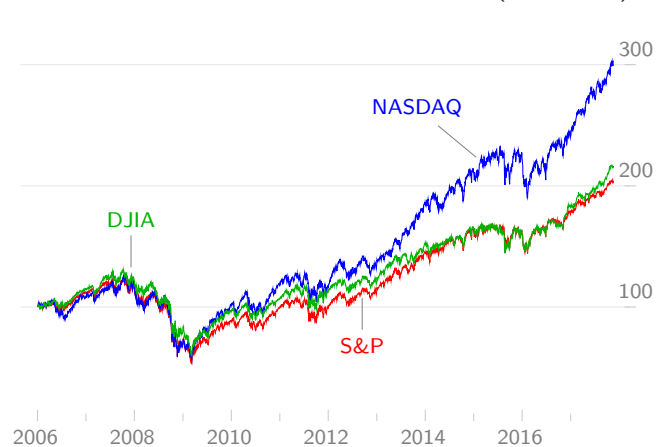
NASDAQ Composite Index



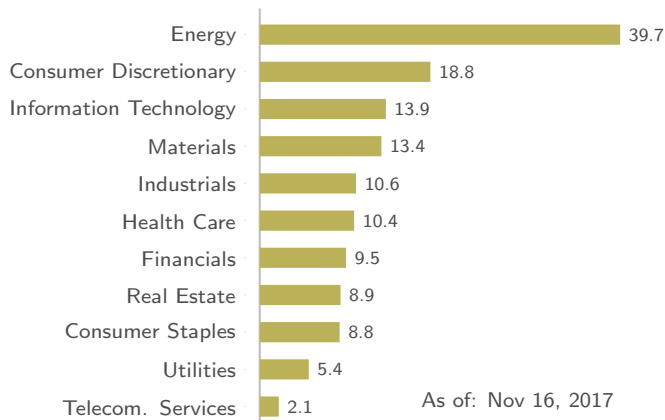
Dow Jones Industrial Average (thousands)



...combined and indexed (2006=100)

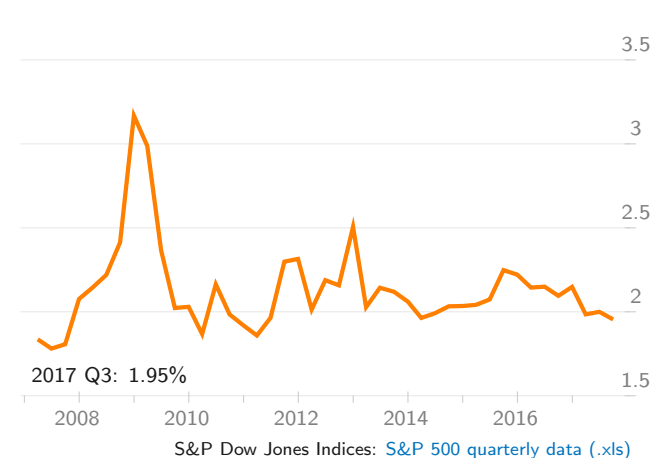


S&P 500 five-year growth forecast by sector



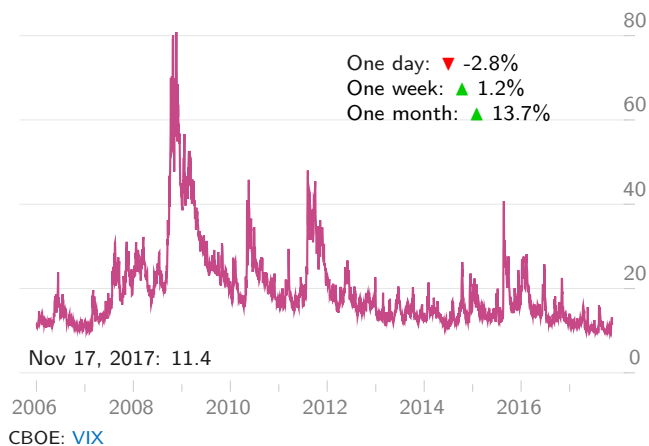
S&P Dow Jones Indices: [S&P 500 growth forecasts \(.xls\)](#)

S&P 500 dividend yield (percent)

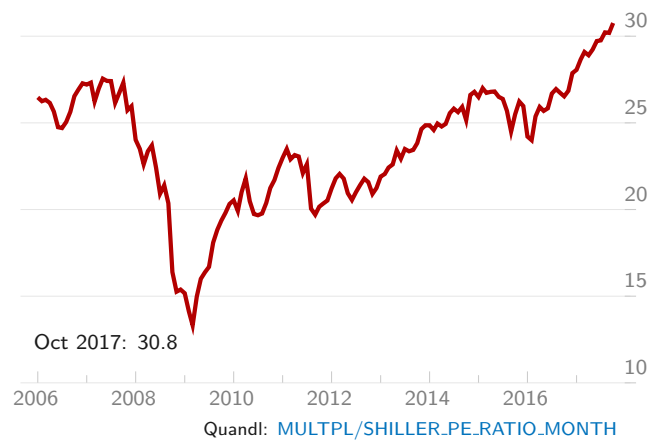


Macro and Markets Dashboard: United States

CBOE volatility index (VIX) *

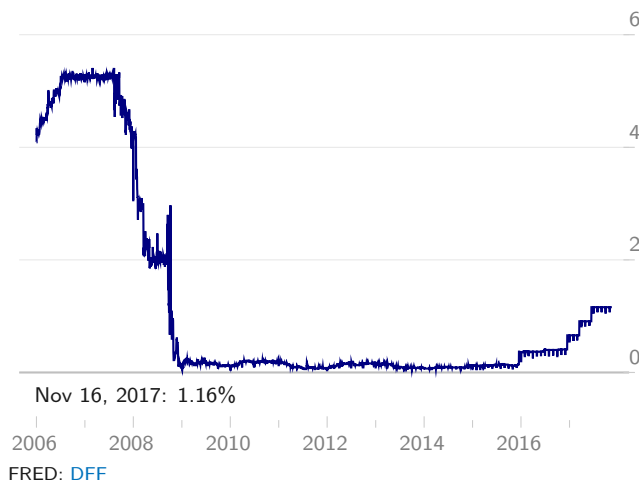


Shiller index of price to earnings ratios



Money and Interest Rates

Effective fed funds rate *

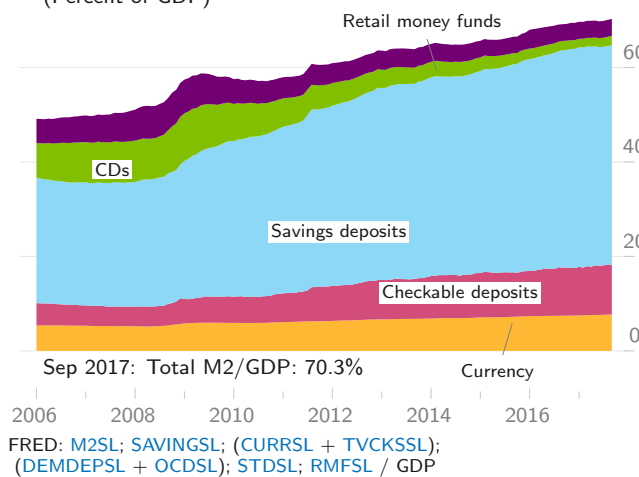


Fed excess reserves of depository corporations (USD billion)



Components of the M2 money supply

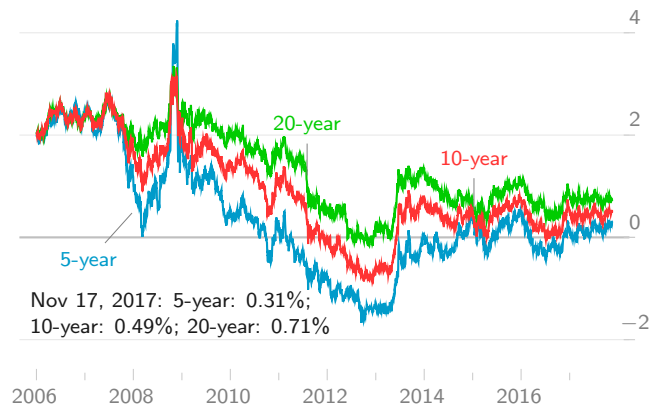
(Percent of GDP)



Average rate of return on M2

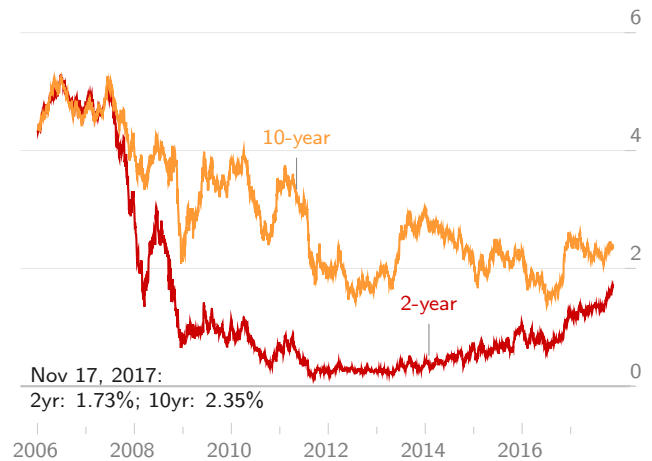


Treasury bond real yield by maturity



Quandl: [USTREASURY/REALYIELD](#)

2- and 10-year treasury constant maturity rates



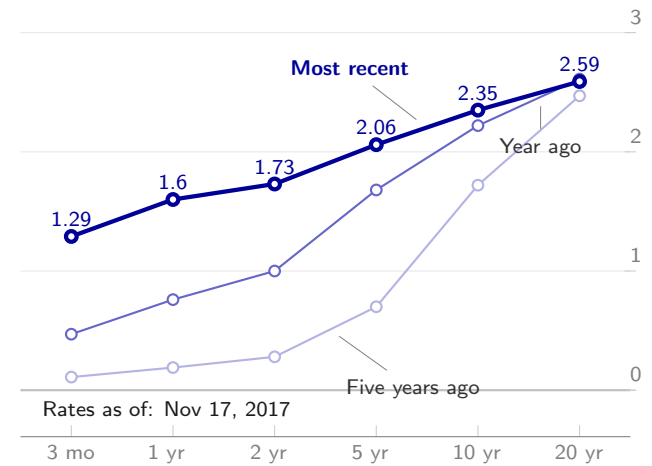
Quandl: [USTREASURY/YIELD](#)

Treasury yield spreads



Quandl: [FRED/YIELD - FRED/BILLRATES](#)

Treasury bill and bond yield curve *



Quandl: [USTREASURY/YIELD](#)

Corporate bonds AAA (effective yield)



FRED: [BAMLCOA1CAAAY](#)

Corporate bonds high yield (effective yield)

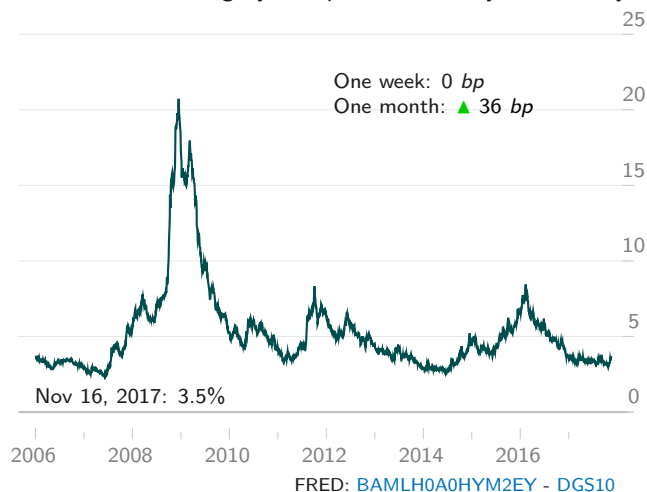


FRED: [BAMLH0A0HYM2EY](#)

Corporate bonds high yield spread over AAA *



... high yield spread over 10-year treasury



Corporate bonds AAA spread over 10-year treasury

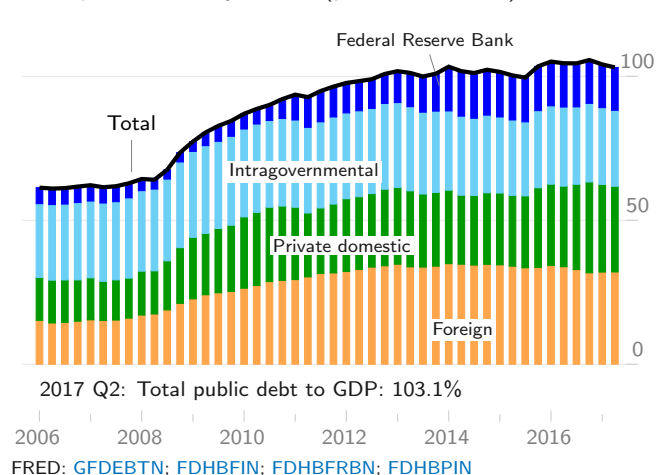


Corporate bonds total return index

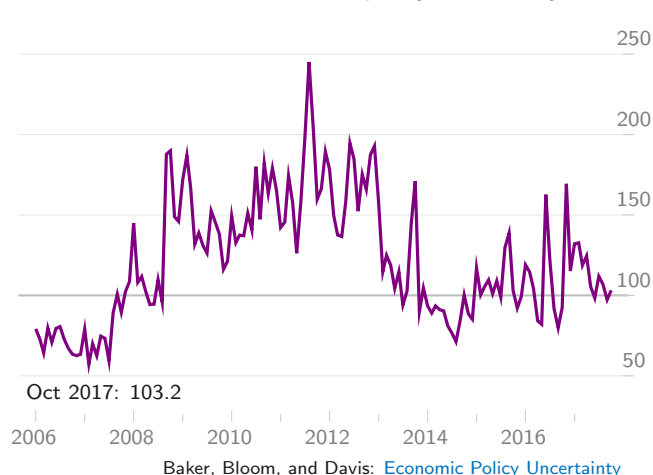


Government and Policy

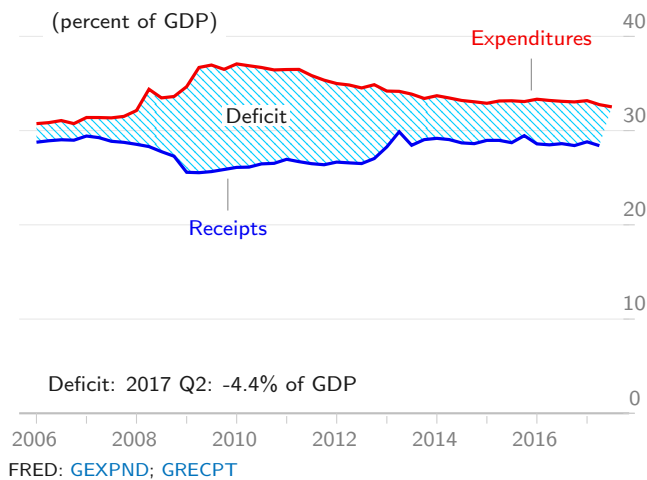
Total public debt by holder (percent of GDP)



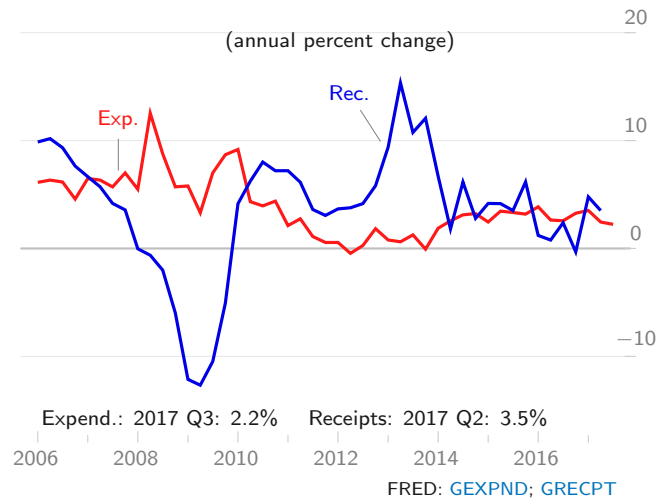
Economic policy uncertainty index



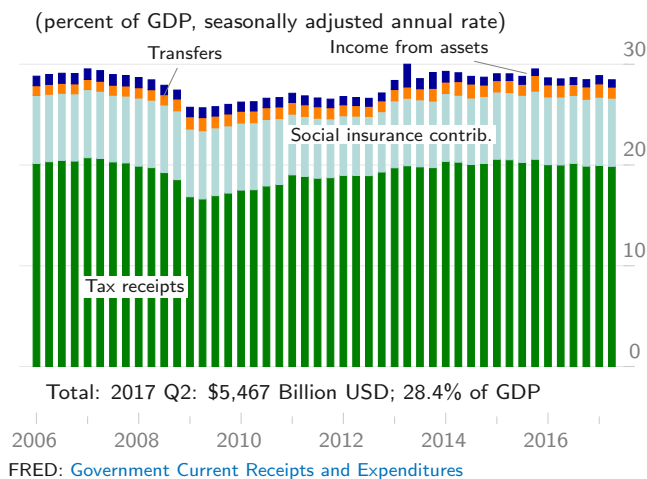
Government expenditures and receipts *



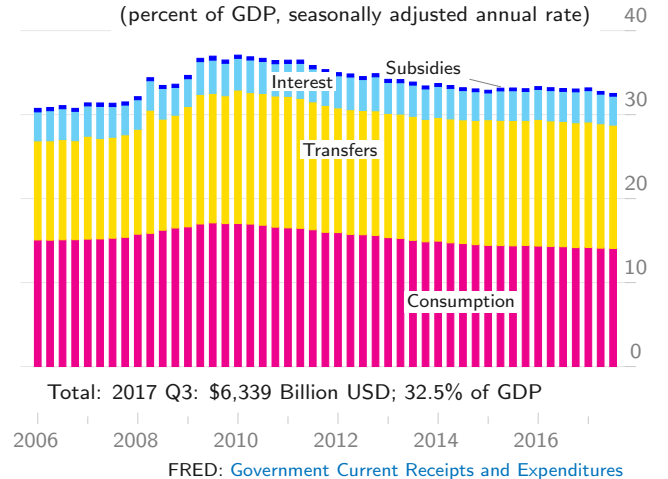
Government expenditures and receipts



Government current receipts by type

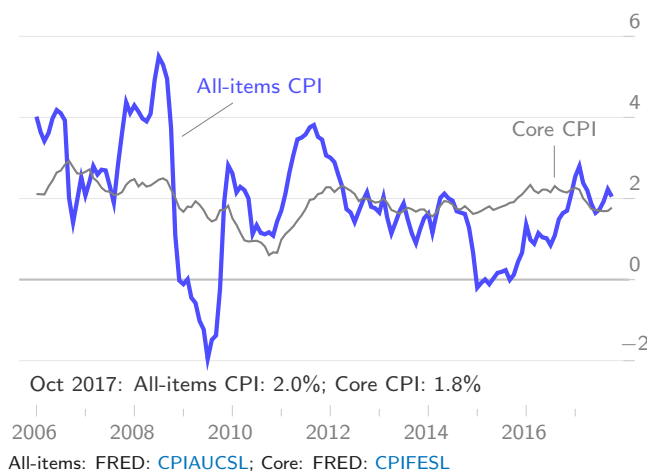


Government current expenditures by type

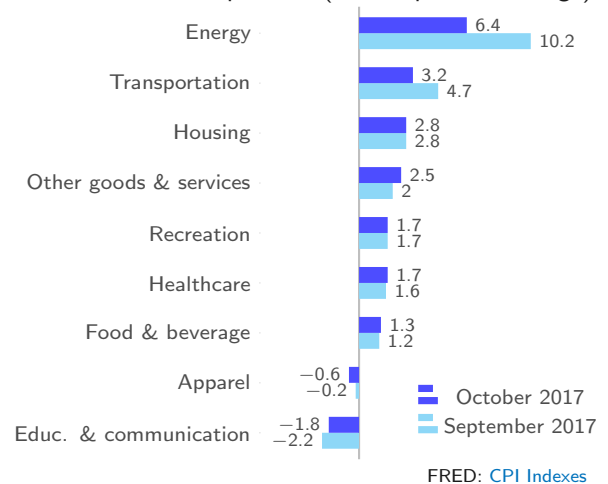


Prices

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

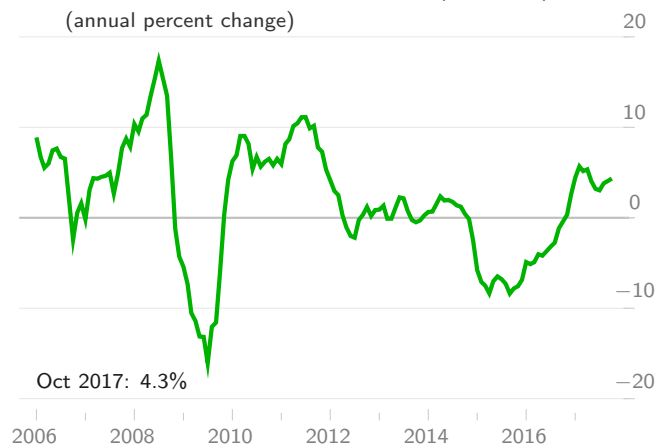


CPI components (annual percent change)



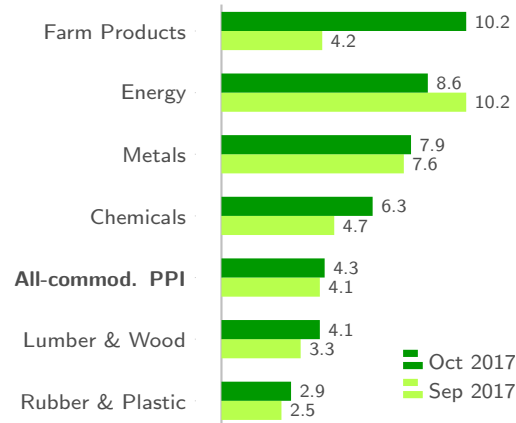
■ Producer price index, all commodities (PPIACO)

(annual percent change)



FRED: [PPIACO](#)

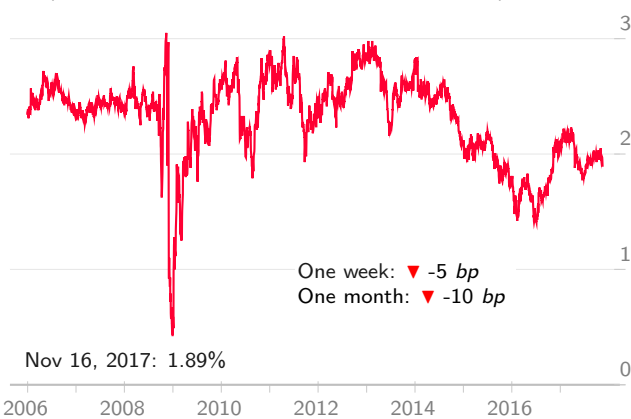
■ PPIACO selected components (annual percent change)



FRED: [PPI Indexes](#)

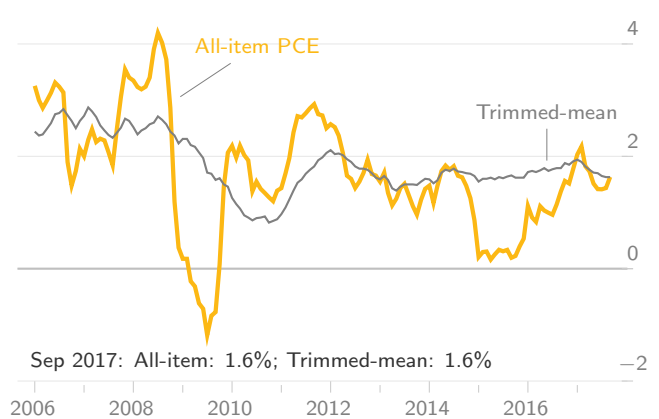
■ 5-Year forward inflation expectation rate *

(expected average annual inflation rate, percent)



FRED: [T5YIFR](#)

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



FRED: All-items: [PCEPI](#); Trimmed-mean: [PCETRIM12M159SFRBDAL](#)

■ Oil price (USD per barrel, WTI)



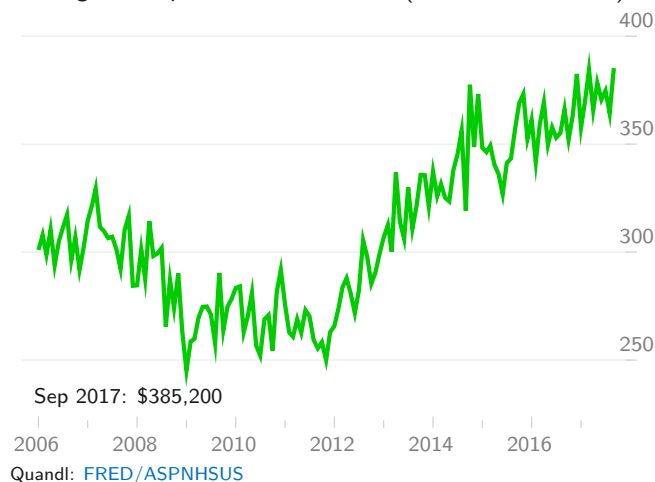
Quandl: [CHRIS/CME.CL1](#)

■ PPI growth: metals (annual percent change)



FRED: [WPU10](#)

■ Average sales price for new houses (thousands of USD)



■ FAO food price index (world, 2002-04=100) *



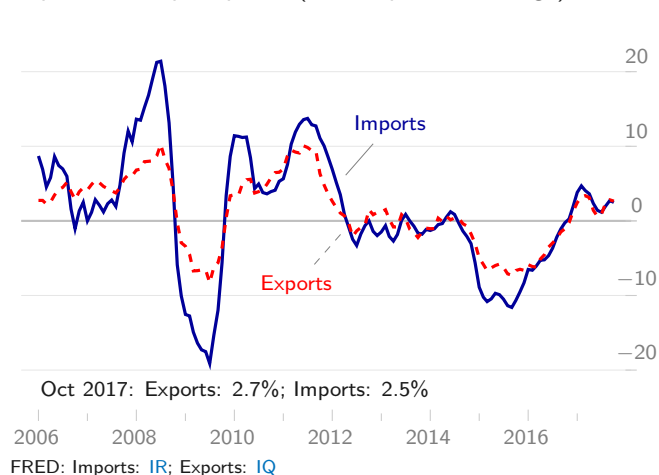
■ Gold price (USD per ounce)



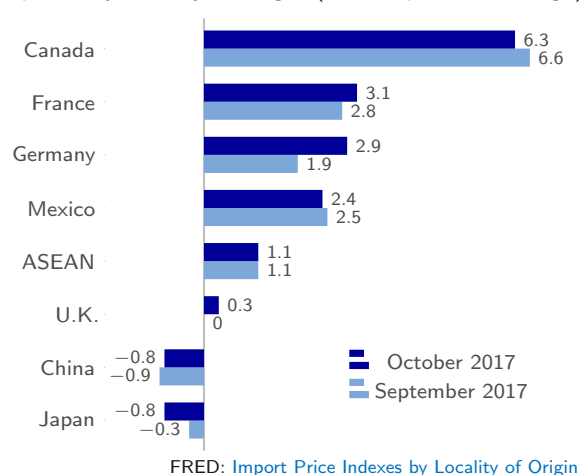
■ Silver price (USD per ounce)



■ Export and import prices (annual percent change)

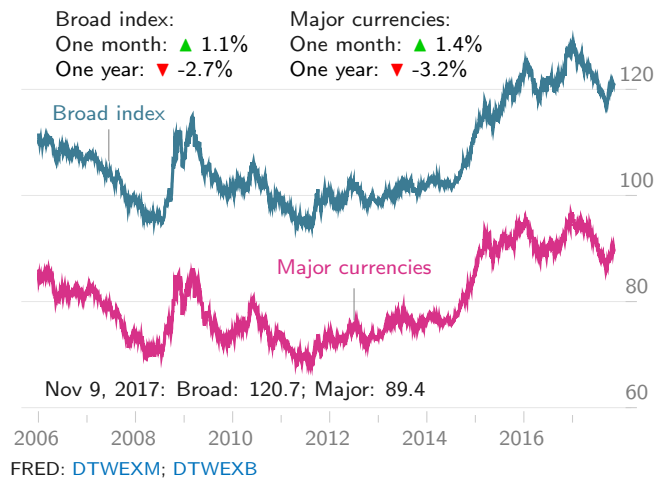


■ Import prices by locality of origin (annual percent change)

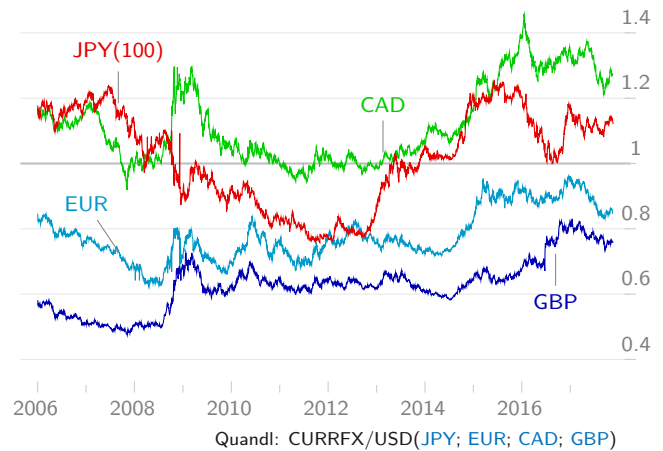


Trade and External Sector Indicators

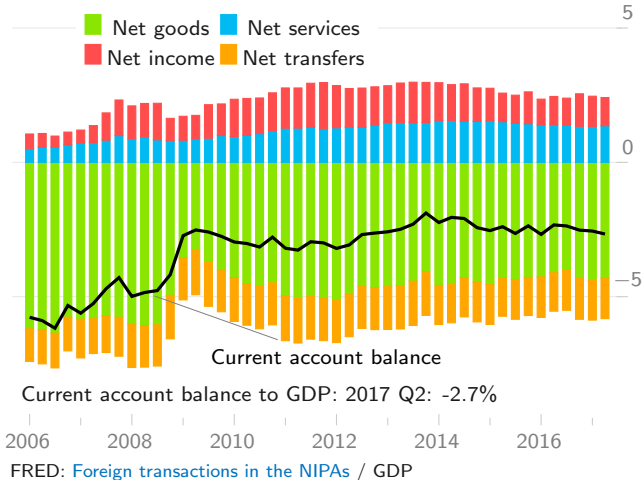
Trade weighted dollar indices (1973=100) *



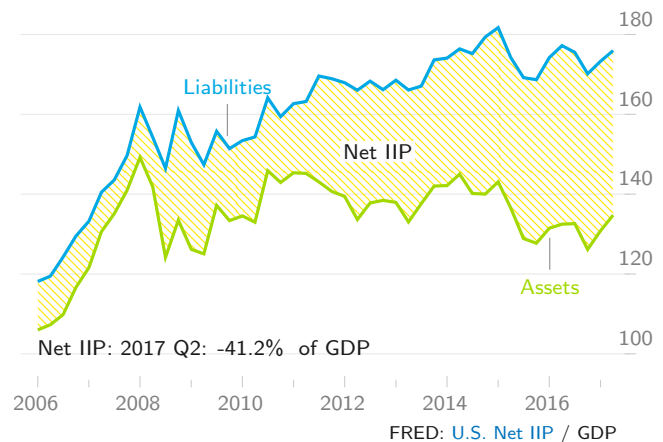
Indirect exchange rates (USD-CUR) (Units required to purchase one USD)



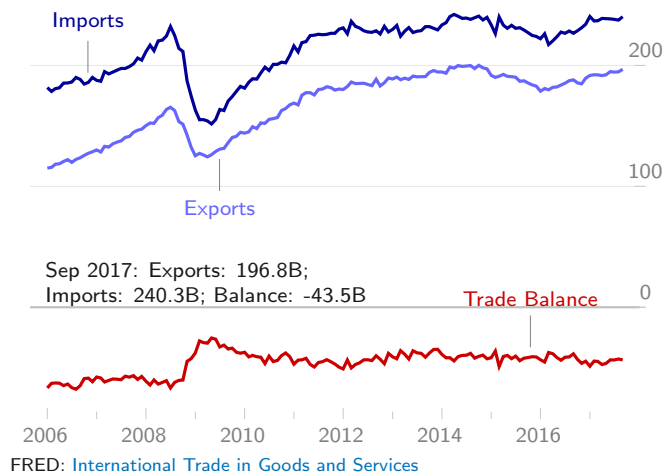
Current account balance components (% of GDP) *



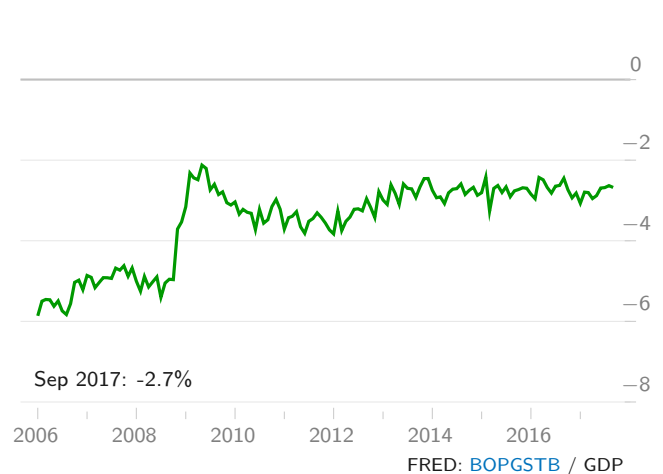
Net international investment position (percent of GDP)



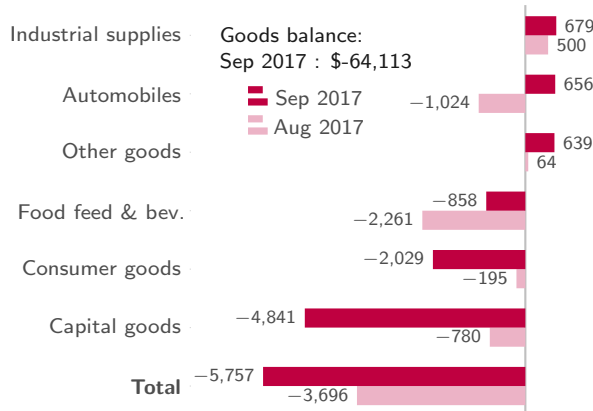
Imports, exports, and trade balance (USD billion)



Trade balance (goods and services, percent of GDP)

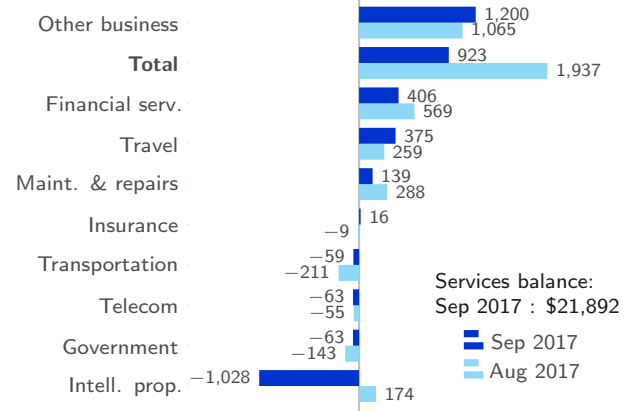


Net exports of goods (USD, millions, one-year change)



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

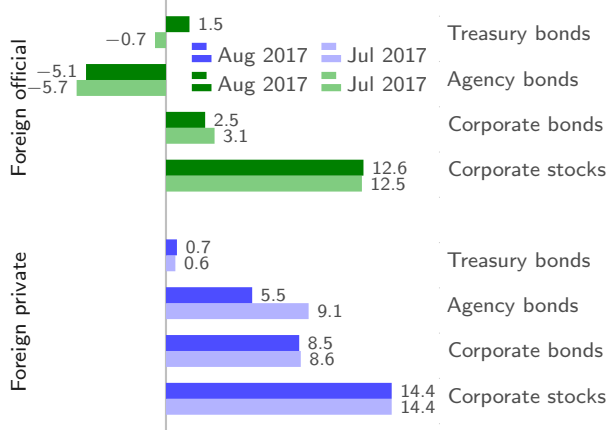
Net exports of services (USD, millions, one-year change)



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

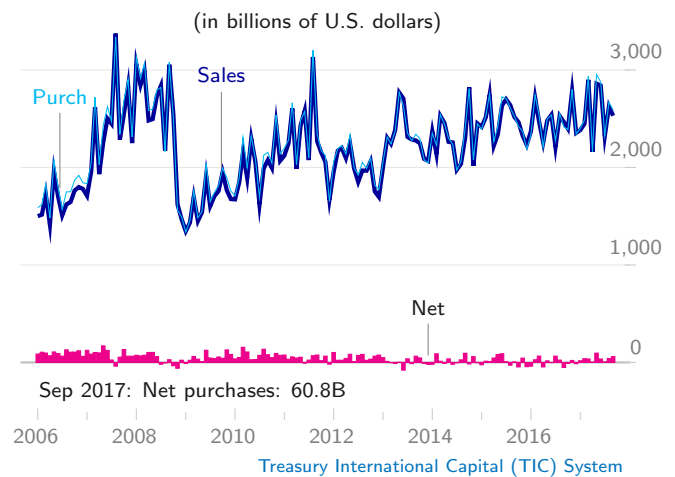
Capital Flows

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

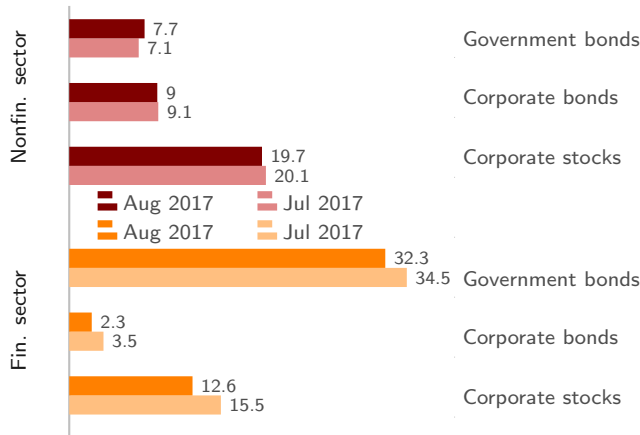


Treasury International Capital (TIC) System

Foreign purchases and sales of U.S. securities

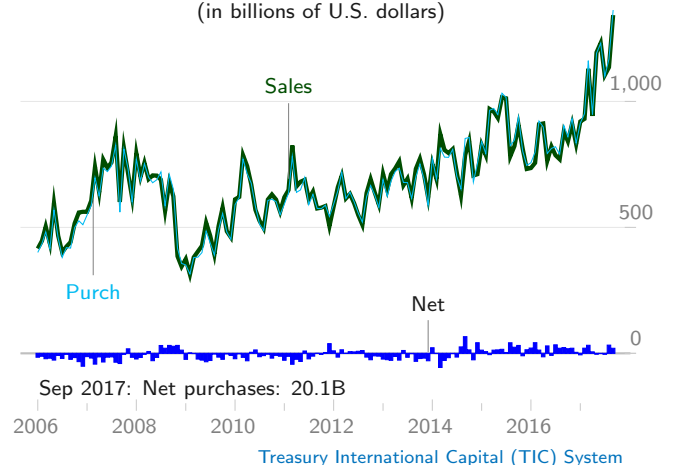


U.S. holdings of foreign securities (annual % change)



















Treasury International Capital (TIC) System

U.S. purchases and sales of foreign securities



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	0.848	▼ -0.01	▼ -1.70	▲ 0.01	▼ -10.09	0.962	0.831	2017-11-20
 GBP	0.757	▼ -0.43	▼ -0.77	▲ 0.29	▼ -6.26	0.831	0.736	2017-11-20
 JPY	112.070	▼ -1.19	▼ -1.66	▼ -0.11	▲ 2.93	118.253	108.231	2017-11-20
 CAD	1.276	▲ 0.18	▲ 0.24	▲ 1.84	▼ -5.47	1.375	1.211	2017-11-20
 MXN	19.048	▼ -0.57	▼ -0.22	▲ 0.03	▼ -6.10	21.921	17.490	2017-11-20
 AUD	1.321	▲ 0.83	▲ 1.45	▲ 3.52	▼ -0.98	1.393	1.241	2017-11-20
 CNY	6.617	▼ -0.28	▼ -0.15	▲ 0.43	▼ -3.95	6.957	6.485	2017-11-20
 CHF	0.994	▲ 0.40	▼ -0.63	▲ 1.85	▼ -0.75	1.030	0.945	2017-11-20
 NZD	1.466	▲ 0.86	▲ 1.95	▲ 5.08	▲ 3.93	1.466	1.329	2017-11-20
 SEK	8.424	▲ 0.28	▲ 0.50	▲ 3.64	▼ -9.03	9.404	7.919	2017-11-20
 NOK	8.238	▲ 0.67	▲ 0.96	▲ 4.13	▼ -2.75	8.712	7.729	2017-11-20
 DKK	6.308	▼ -0.01	▼ -1.79	▼ -0.06	▼ -10.21	7.155	6.186	2017-11-20
 RUB	59.664	▼ -1.08	▲ 0.54	▲ 4.12	▼ -7.31	65.960	55.780	2017-11-20
 HKD	7.810	▲ 0.08	▲ 0.16	▲ 0.02	▲ 0.67	7.826	7.753	2017-11-20
 SGD	1.355	▼ -0.24	▼ -0.51	▲ 0.41	▼ -4.34	1.451	1.339	2017-11-20
 TWD	30.090	▼ -0.28	▼ -0.26	▼ -0.17	▼ -5.81	32.437	29.988	2017-11-20
 TRY	3.875	▼ -0.29	▼ -0.20	▲ 6.13	▲ 15.18	3.886	3.287	2017-11-20
 KRW	1092.320	▼ -2.15	▼ -1.90	▼ -3.18	▼ -7.37	1209.840	1092.320	2017-11-20
 ZAR	14.138	▼ -1.57	▼ -0.50	▲ 6.19	▼ -0.18	14.470	12.470	2017-11-20
 BRL	3.252	▼ -1.83	▲ 0.03	▲ 2.52	▼ -6.13	3.576	3.056	2017-11-20
 INR	65.008	▼ -0.62	▲ 0.15	▲ 0.48	▼ -4.72	68.805	63.641	2017-11-20
 ILS	3.513	▼ -0.63	▲ 0.14	▲ 0.59	▼ -9.52	3.880	3.482	2017-11-20
 EGP	17.624	▼ -0.04	▲ 0.06	▲ 0.14	▲ 14.89	19.620	15.000	2017-11-20
 IDR	13514.000	▼ -0.23	▲ 0.08	▲ 0.28	▲ 1.03	13643.000	13105.000	2017-11-20
 THB	32.829	▼ -0.69	▼ -0.86	▼ -0.73	▼ -7.89	35.990	32.829	2017-11-20
 MYR	4.169	▼ -0.47	▼ -1.35	▼ -1.08	▼ -4.34	4.496	4.169	2017-11-20
 ARS	17.412	▼ -0.38	▼ -0.57	▲ 0.52	▲ 10.52	17.802	15.114	2017-11-20
 COP	2972.700	▲ 0.89	▼ -0.80	▲ 1.33	▼ -4.96	3181.000	2821.500	2017-11-20
 CLP	626.100	▲ 2.12	▼ -0.86	▲ 1.18	▼ -7.74	678.390	612.830	2017-11-20

Quandl: [CURRFX/USD\(CUR\)](#)

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

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