

Macro and Markets Dashboard: United States

Updated: December 3, 2016



Key Indicators

			over prev.	as of:
Real GDP	16.7T		3.2%	2016 Q3
Unemp. rate	4.6%		-0.3	Nov 2016
Inflation	1.6%		0.2	Oct 2016
			one week	one mo.
S&P 500	2,191.95		-1.0%	4.5%
DJIA	19,170.42		0.1%	6.7%
Nasdaq	5,255.65		-2.7%	2.9%
VIX	14.12		14.4%	-26.9%
2-yr t-bond	1.11%		-0.01	0.28
10-yr t-bond	2.40%		0.04	0.57
Crude oil	\$51.68		12.2%	14.0%
USD index	95.20		0.9%	2.7%

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, grouped by sector or market, 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

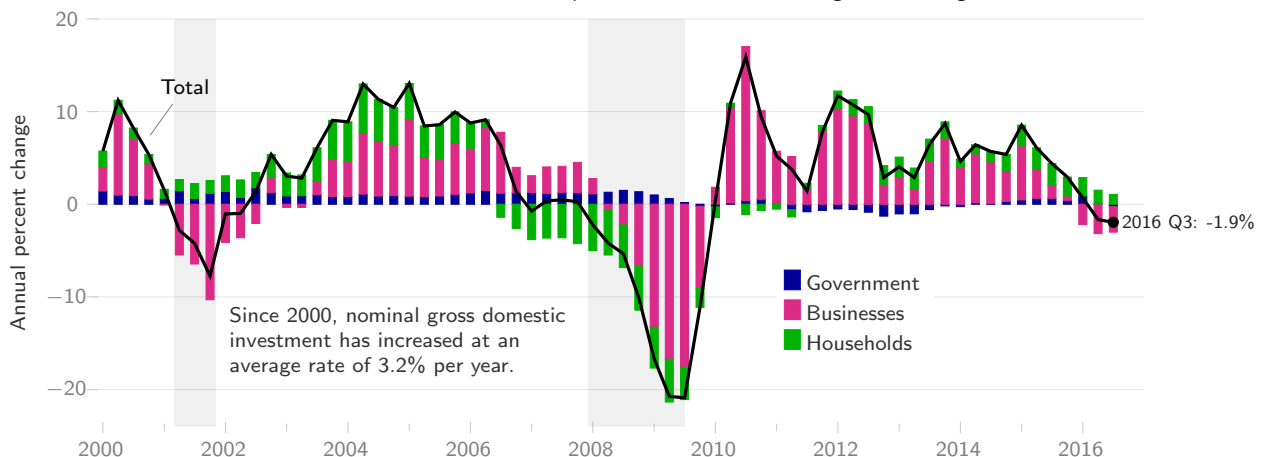
briandew.wordpress.com

brianwdew@gmail.com

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

Chart of the week

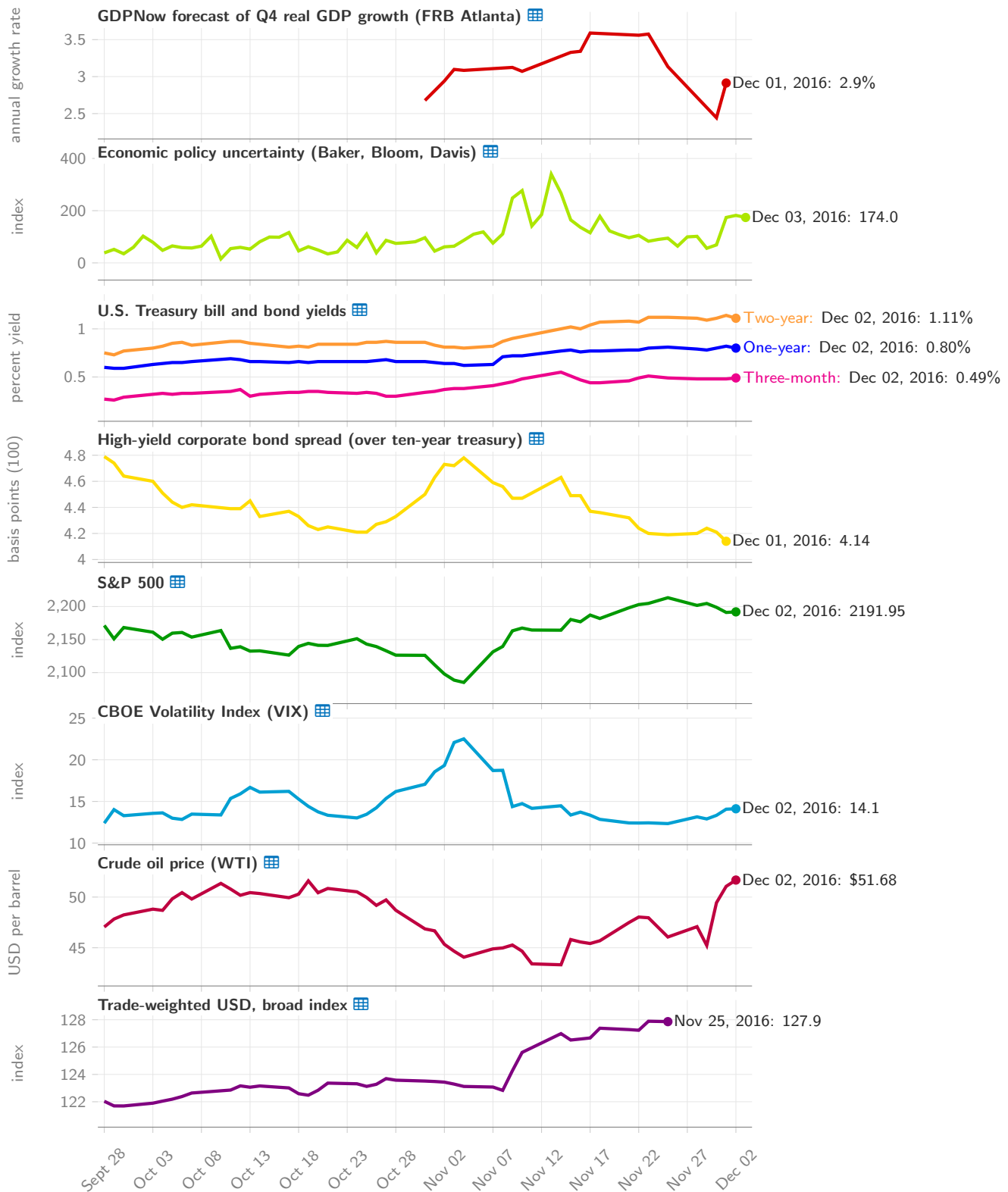
■ Gross domestic investment continues to weaken despite otherwise accelerating economic growth



Source: FRED: [Saving and Investment by Sector](#)

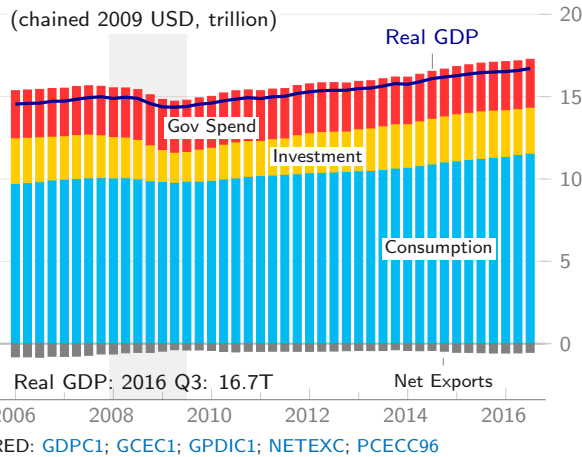
The BEA revised downward third quarter business and government investment estimates this week. While uncertainty has generated additional liquidity preference, the biggest driver of weak business investment has been the persistence and expectation of continued low economic growth. Investment decisions, particularly those involving new fixed capital, are often long-term and leveraged undertakings, which require confidence in the economic outlook for the lifetime of the investment.

High-frequency indicators

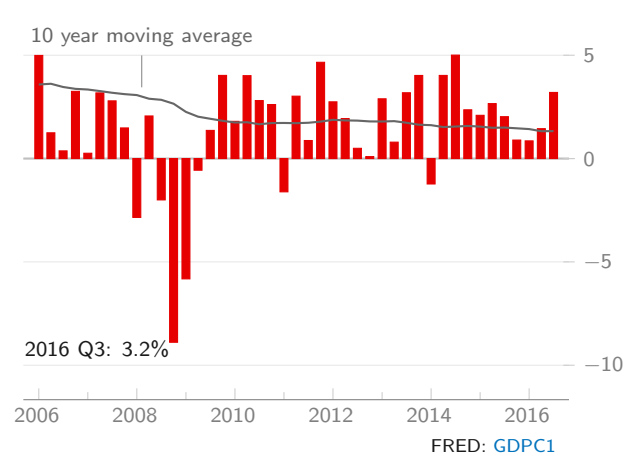


Macroeconomic Indicators: Overview

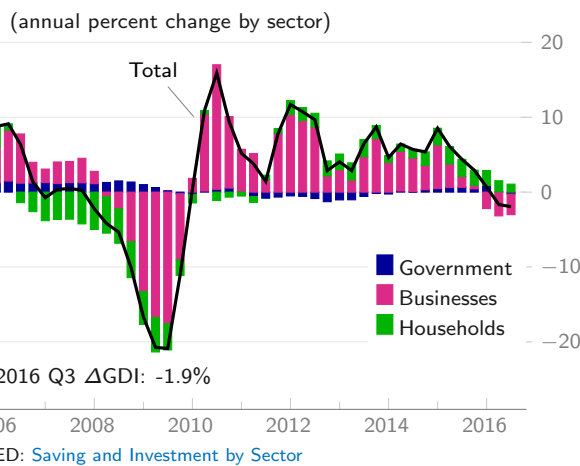
Components of real gross domestic product (GDP)



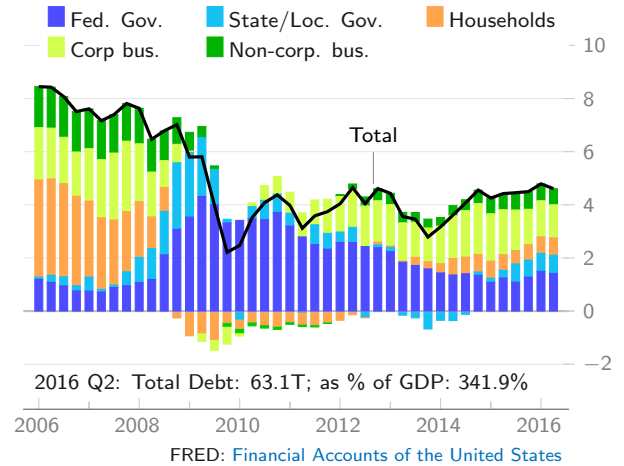
Real GDP growth (annual percent change)



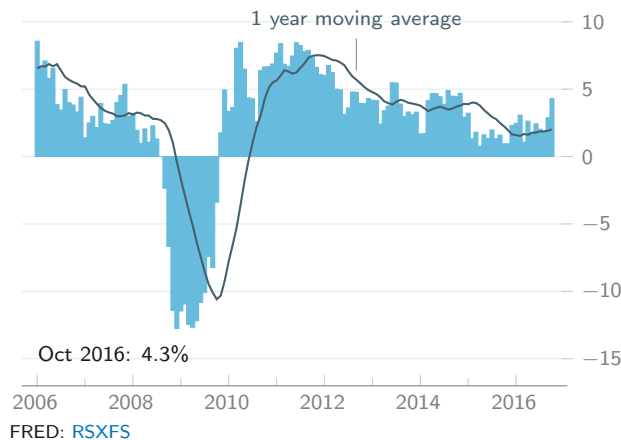
Gross domestic investment (GDI)



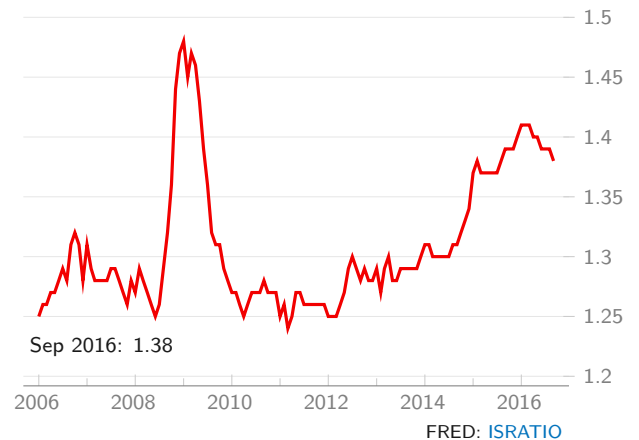
Liabilities (annual percent change by sector)



Retail sales excluding food (annual percent change)

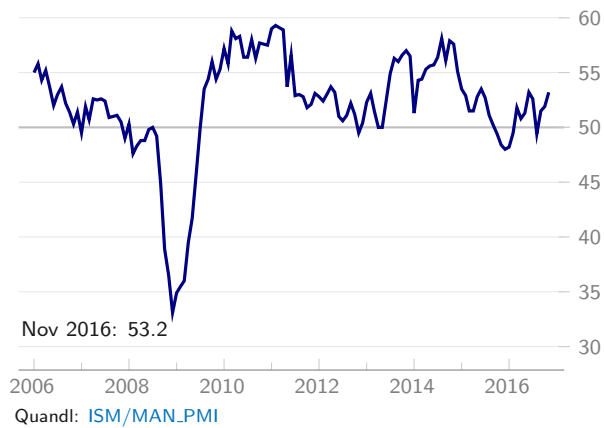


Inventories to sales ratio

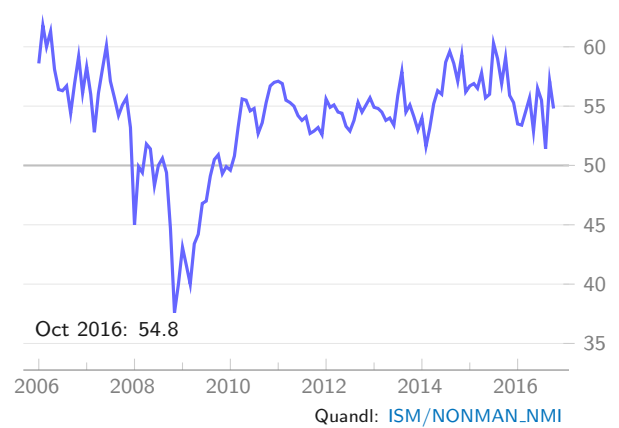


Macroeconomic Indicators: Businesses

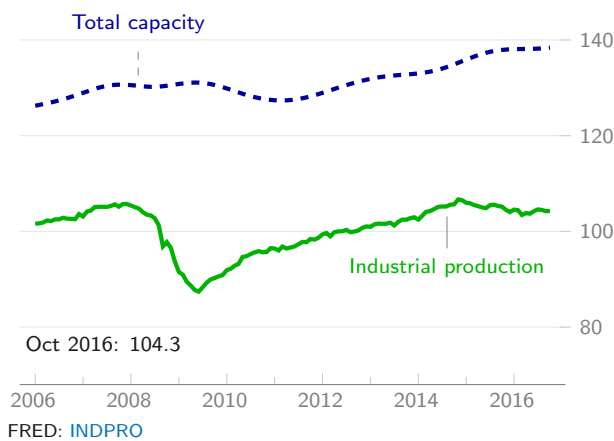
■ ISM manufacturing purchasing managers' index
(>50 improvement; <50 deterioration)



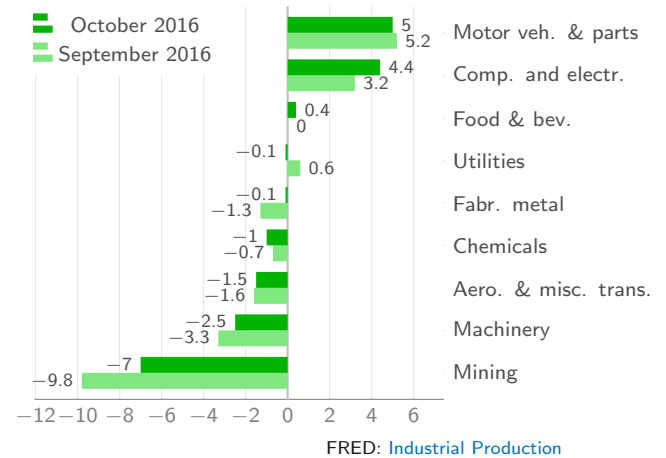
■ ISM non-manufacturing business activity index
(>50 improvement; <50 deterioration)



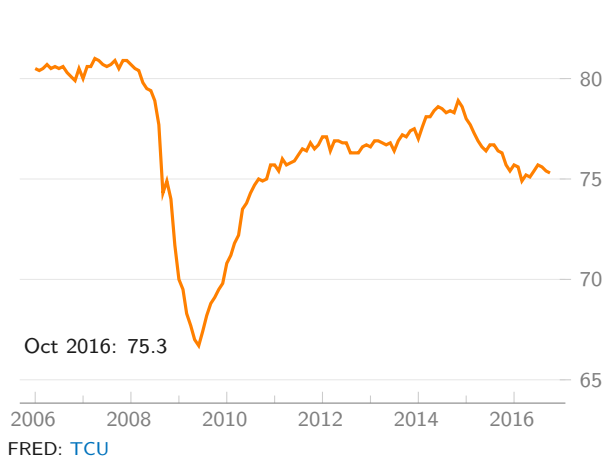
■ Industrial production (IP) index (2012=100)



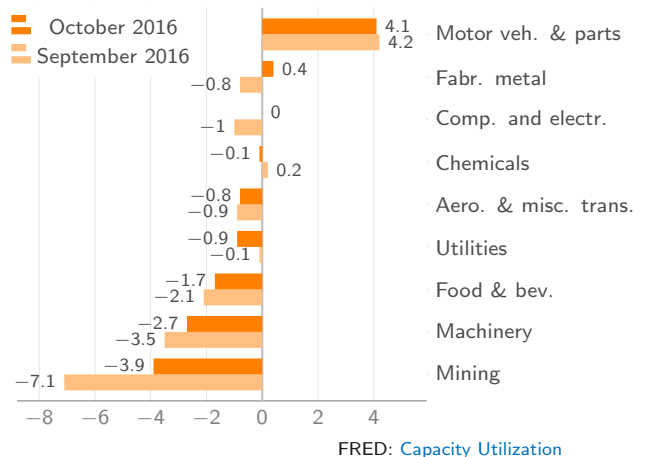
■ IP index change, major industry groups



■ Total capacity utilization (percent of capacity)

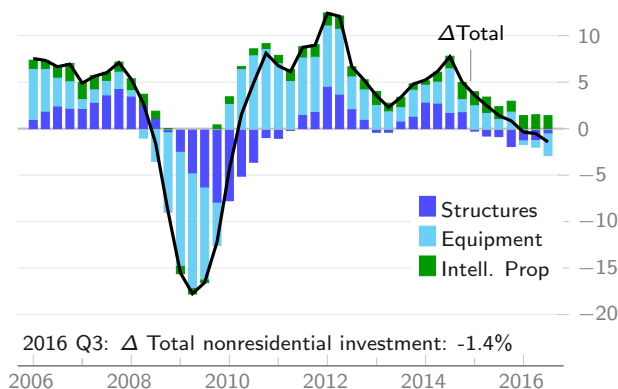


■ Capacity utilization change, major industry groups



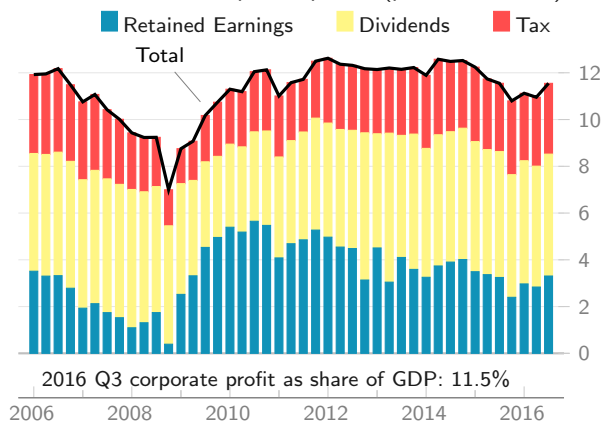
Macro and Markets Dashboard: United States

Real nonresidential fixed investment (annual percent change by type)



FRED: Real Private Investment by Type

Destination of corporate profits (percent of GDP)



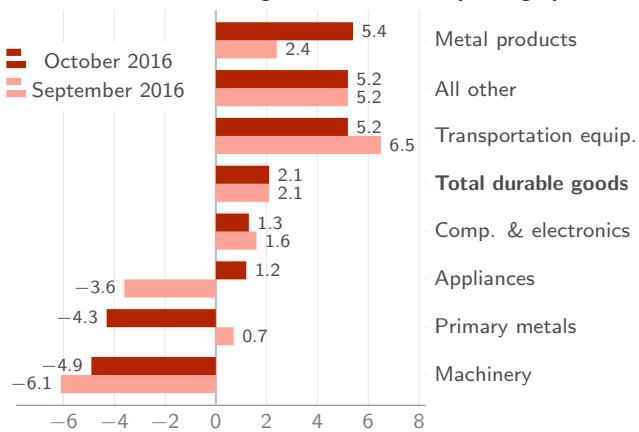
FRED: National Income by Type of Income

Durable goods new orders (annual percent change)



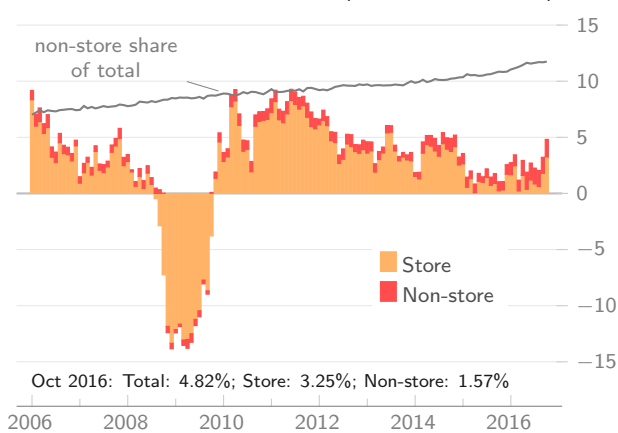
FRED: DGORDER

Durable goods new orders by category



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

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



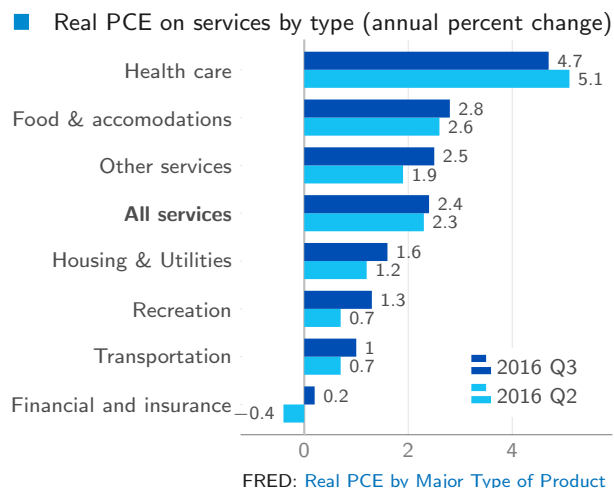
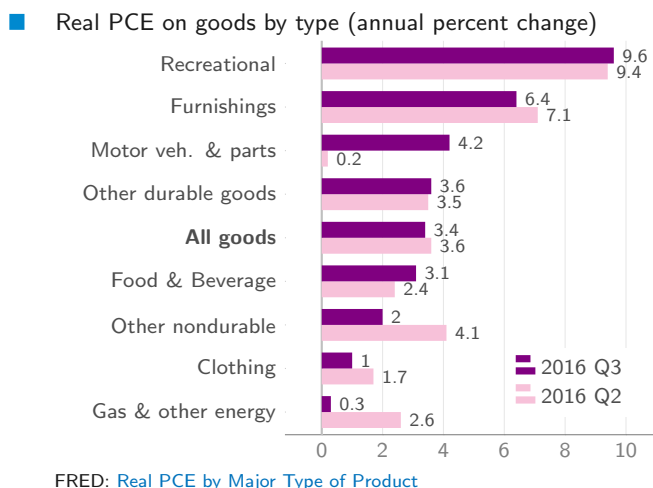
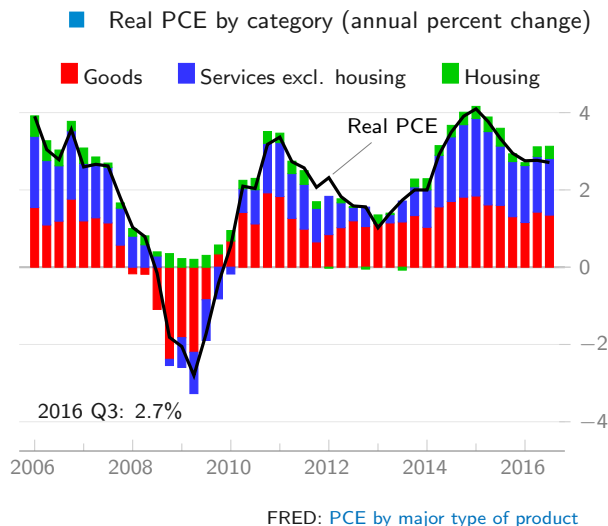
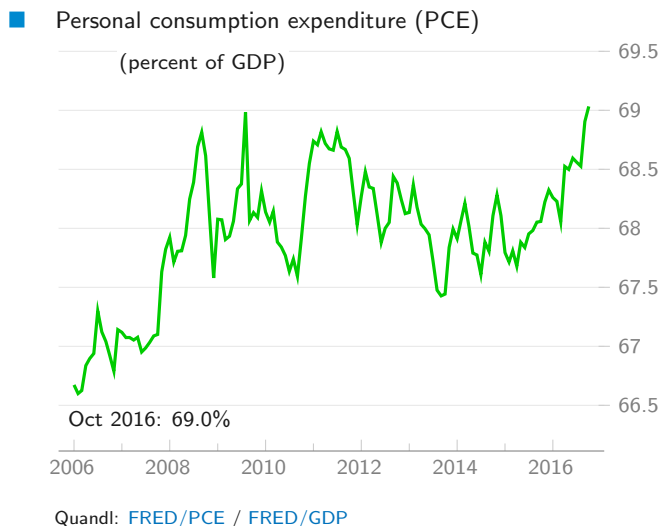
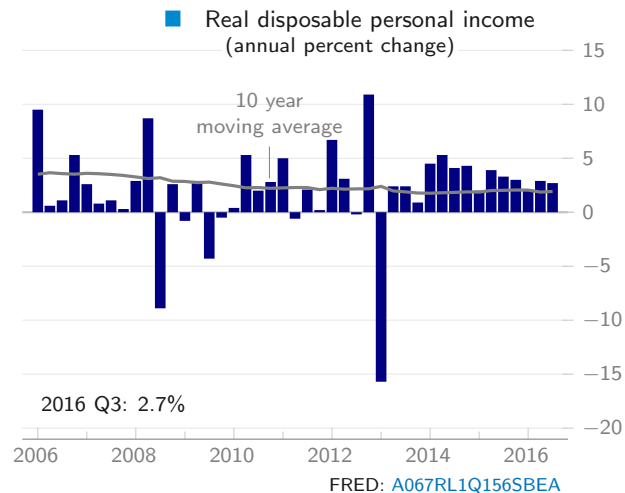
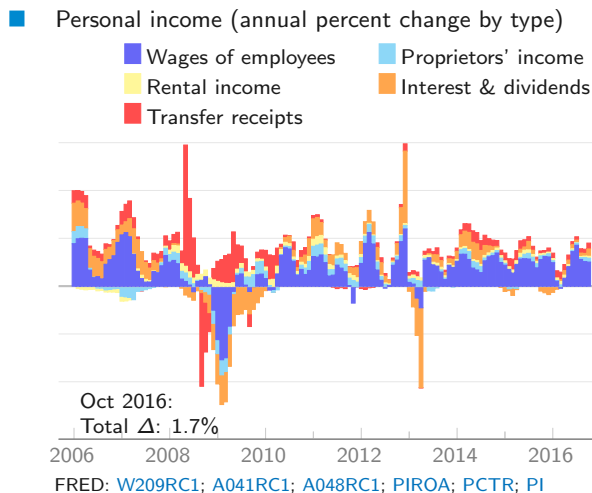
FRED: RSXFS; RSNR

FRBSF tech pulse index (2000=100)



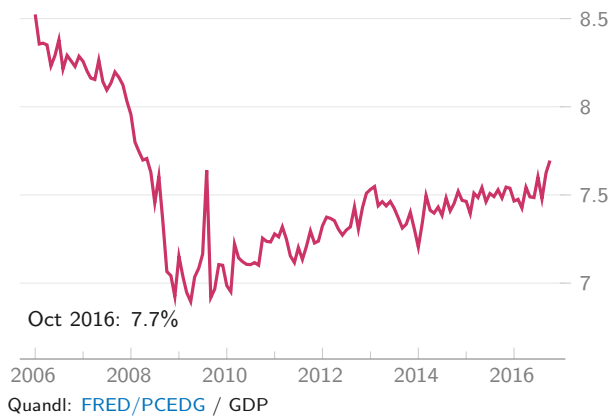
FRED: FTPINDM114SFRBSF

Macroeconomic Indicators: Households

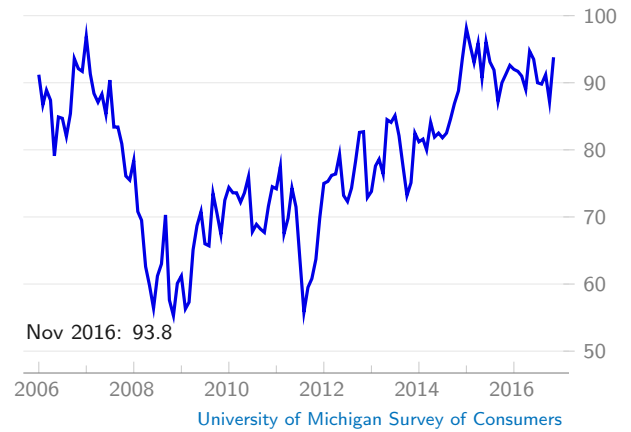


Macro and Markets Dashboard: United States

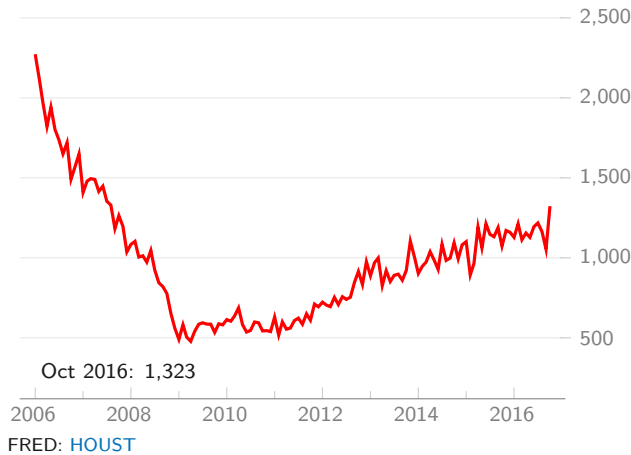
■ PCE on durable goods (percent of GDP)



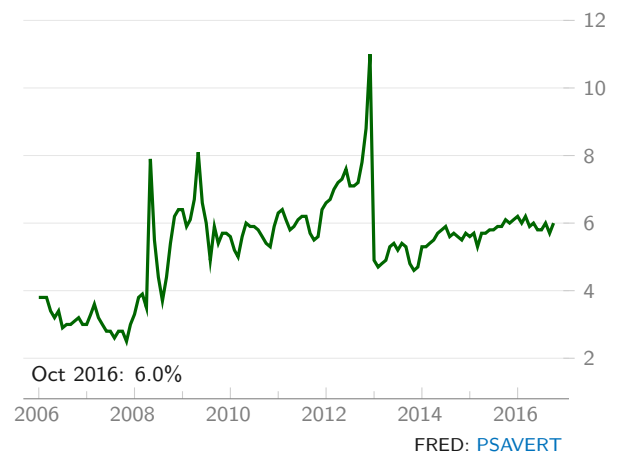
■ University of Michigan consumer sentiment index



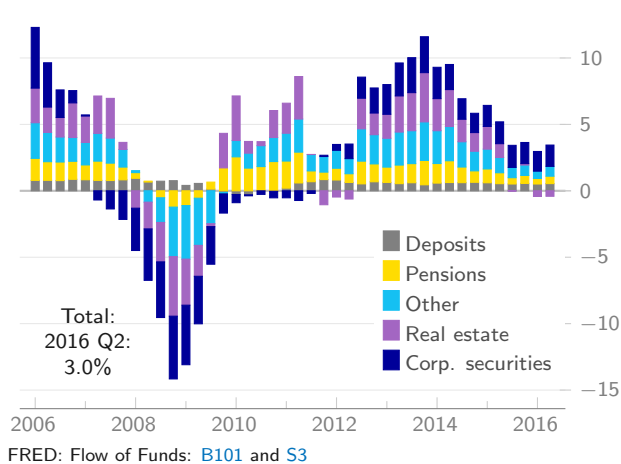
■ New housing starts (thousands of units)



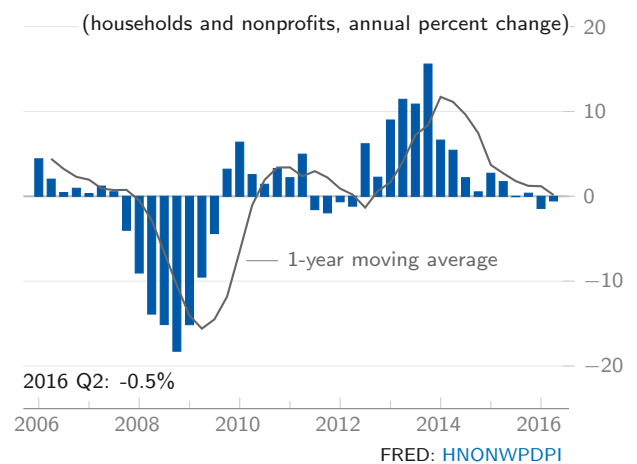
■ Personal savings rate (percent of disposable income)



■ Household and nonprofits assets (annual growth rate)

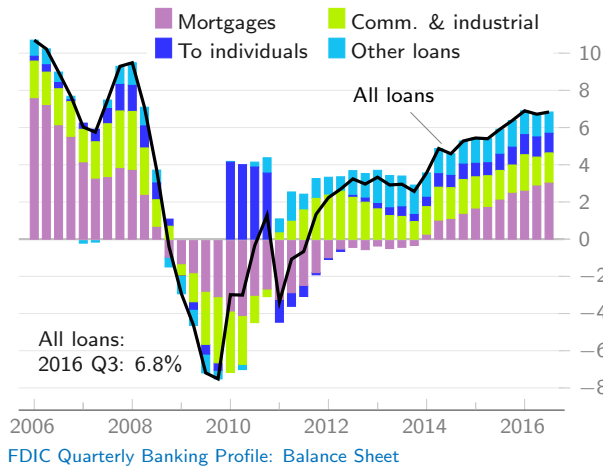


■ Net wealth as percent of gross disposable income

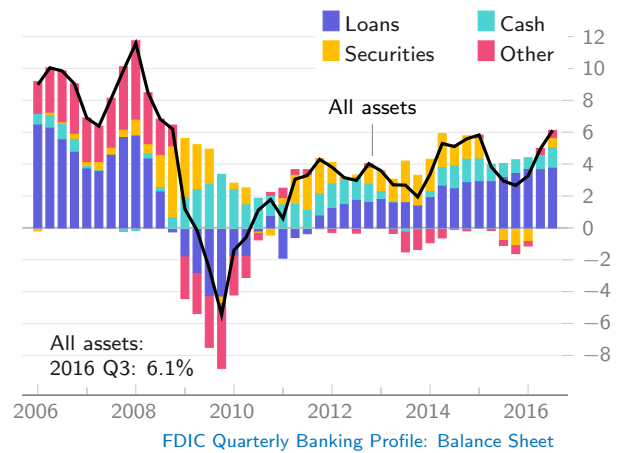


Depository Corporations

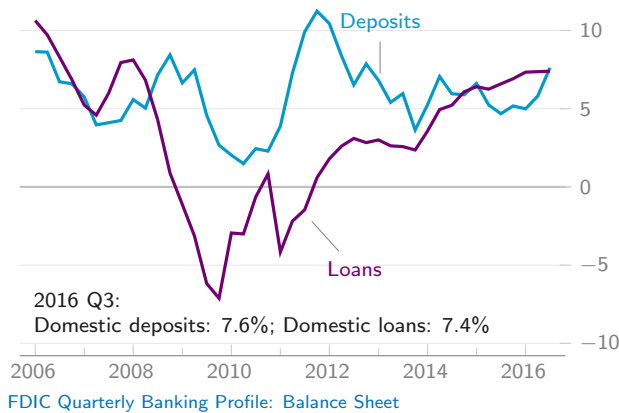
Value of bank loans by loan type (annual percent change)



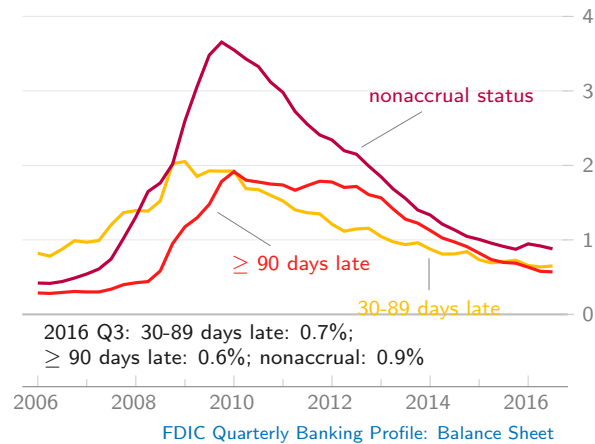
Bank assets by major type (annual percent change)



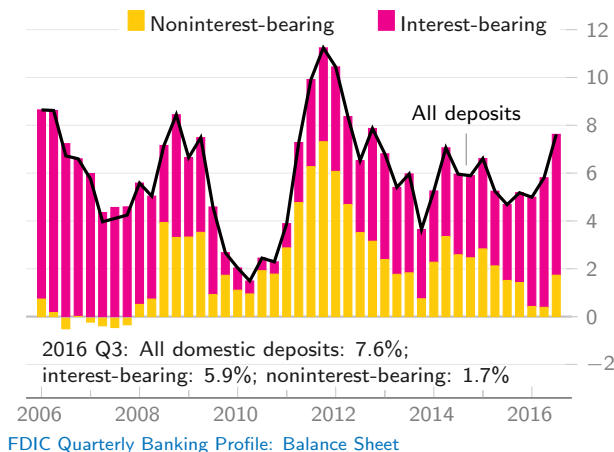
Domestic loans and deposits (annual percent change)



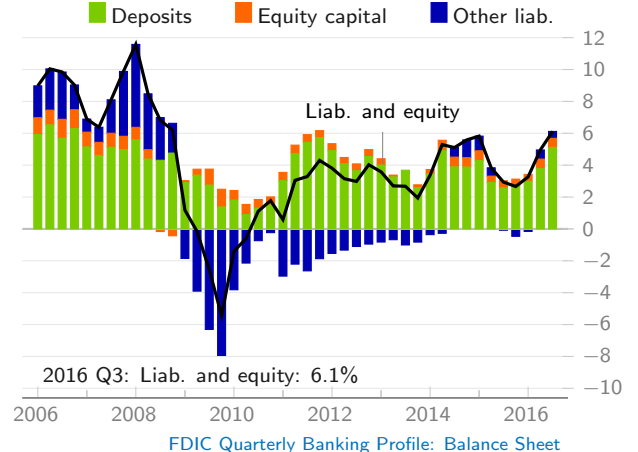
Noncurrent loans (share of total loans)



Domestic deposits (annual percent change)

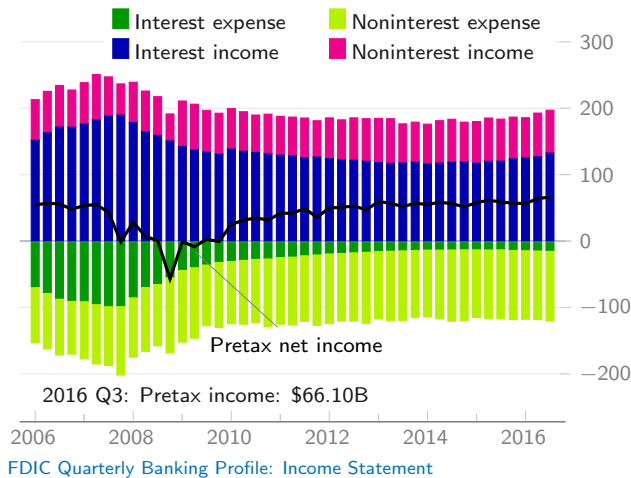


Bank liabilities and equity capital (annual % change)

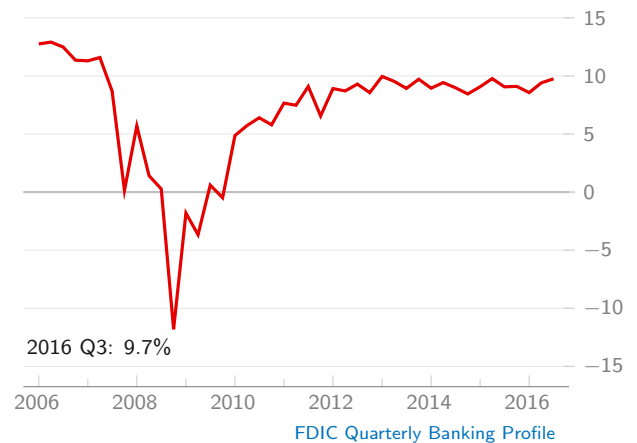


Macro and Markets Dashboard: United States

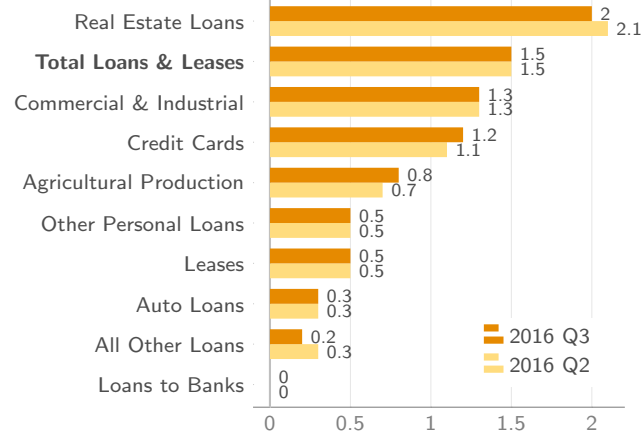
Bank income and expense (USD billions)



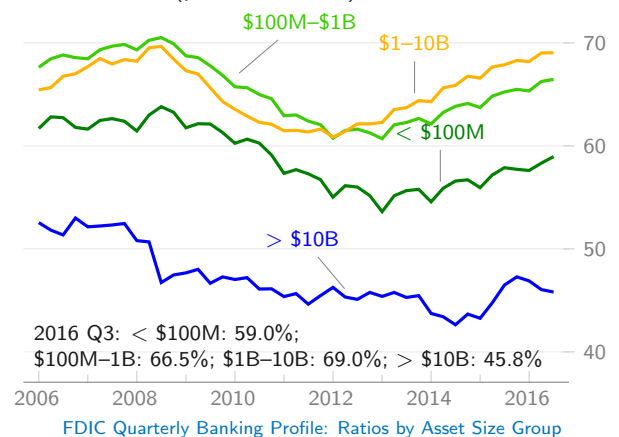
Bank return on equity (ROE)



Noncurrent rate by loan type

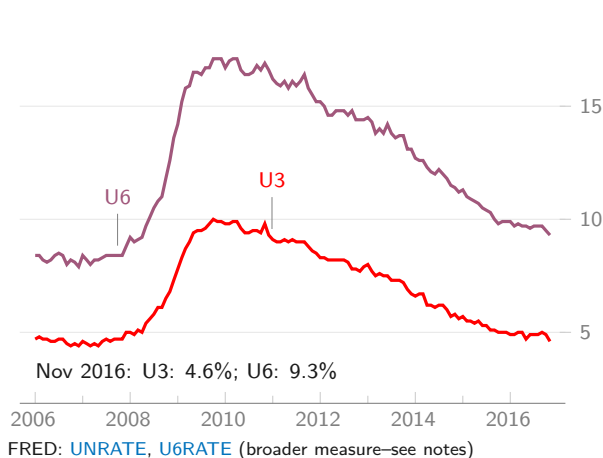


Loans to assets ratio by total bank assets (percent of loans)

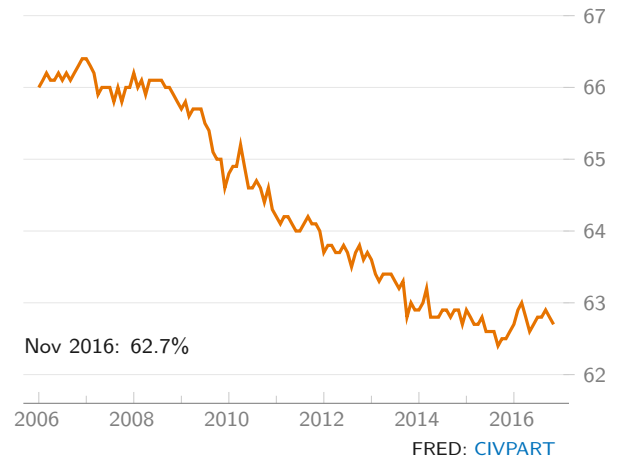


Labor Markets

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

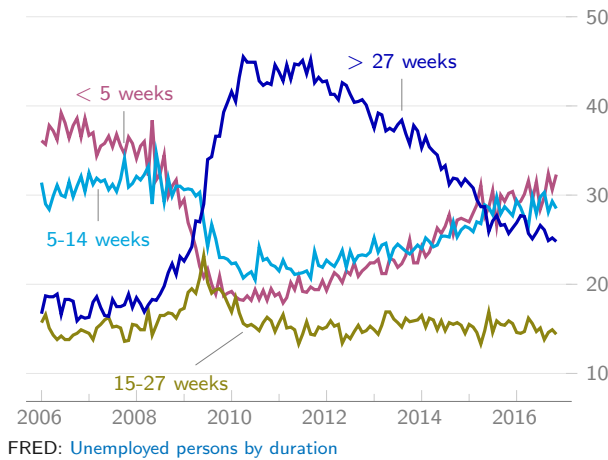


Labor force participation rate

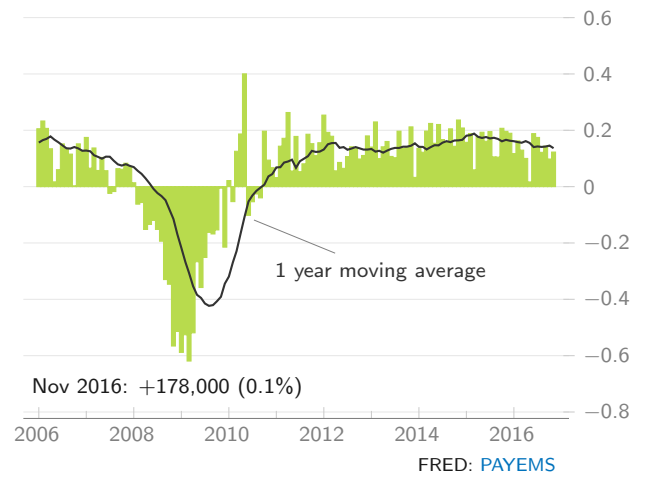


Macro and Markets Dashboard: United States

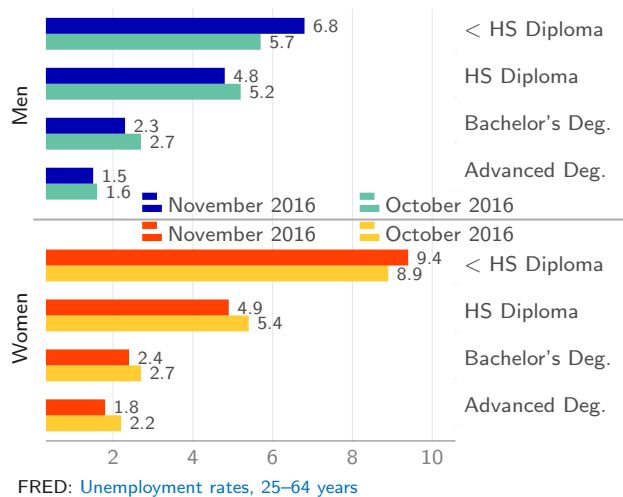
■ Share of unemployed by duration



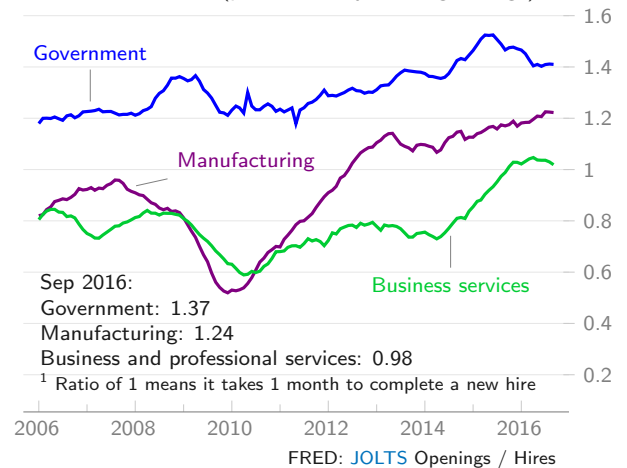
■ Nonfarm payrolls (monthly percent change)



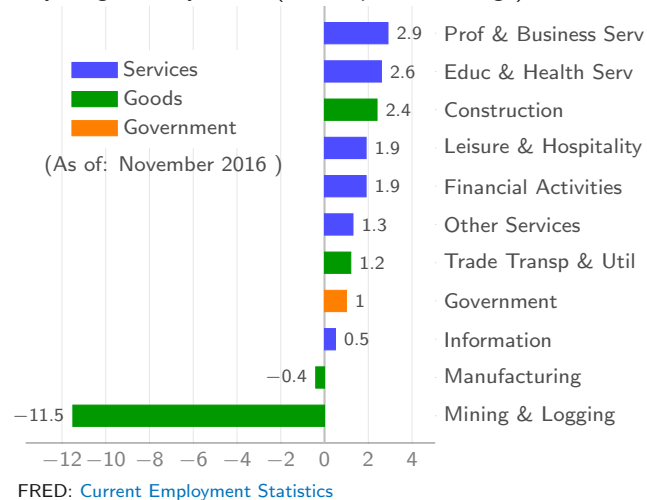
■ Unemployment rate by gender and education level



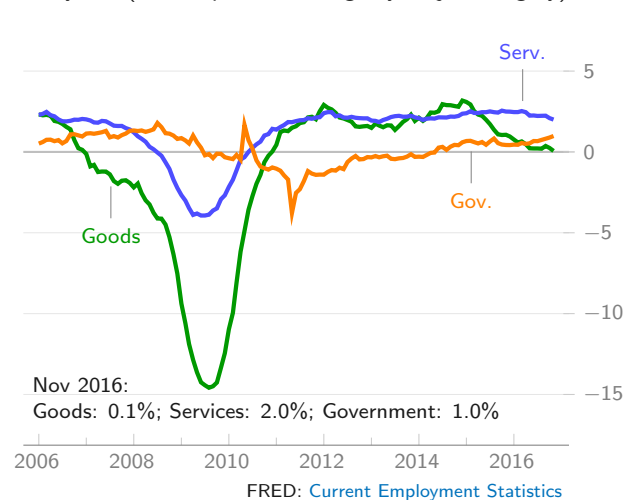
■ Job openings per hire, ratio by sector¹
(plots show 1-yr moving average)



■ Payroll growth by sector (annual percent change)

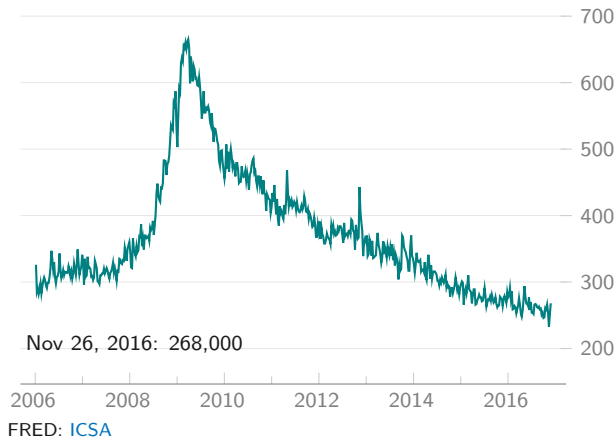


■ Payrolls (annual percent change by major category)

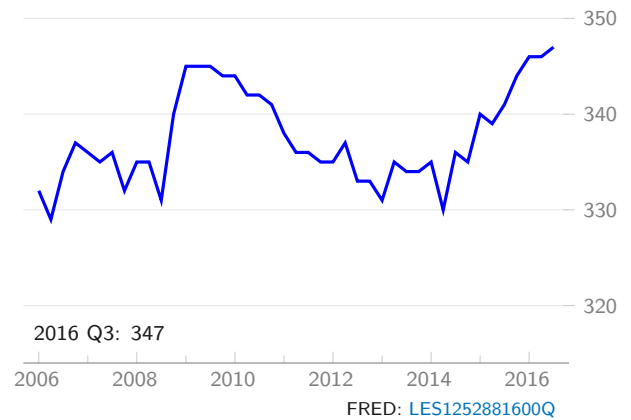


Macro and Markets Dashboard: United States

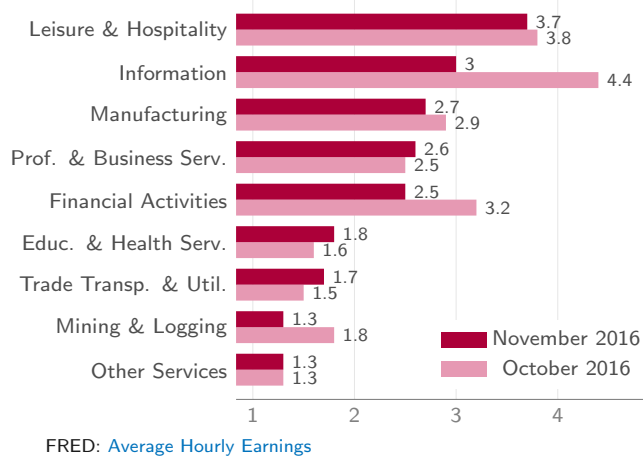
■ New jobless claims (weekly, thousands)



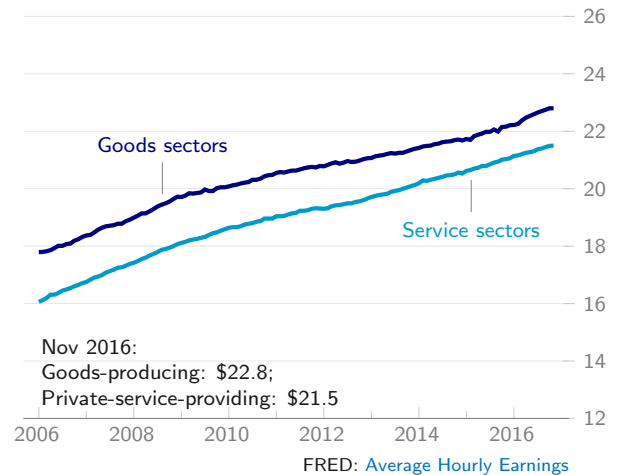
■ Real median weekly wage (1982–84 dollars)



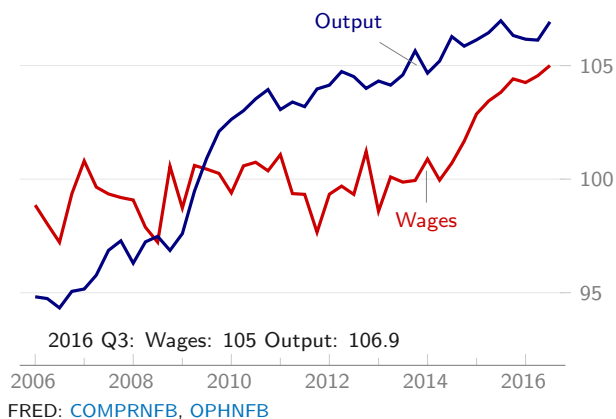
■ Nominal average hourly wage (annual percent change)



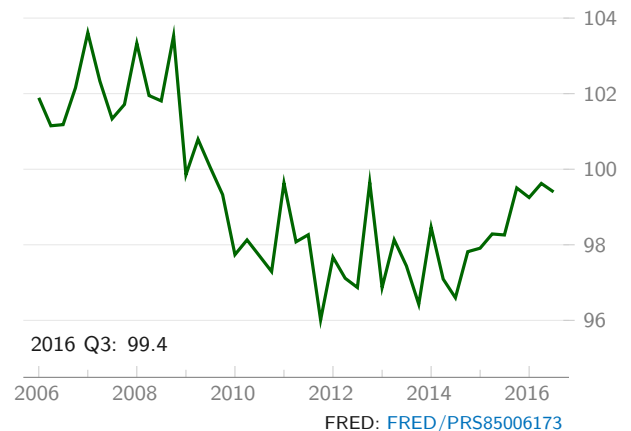
■ Nominal average hourly wages (USD)



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

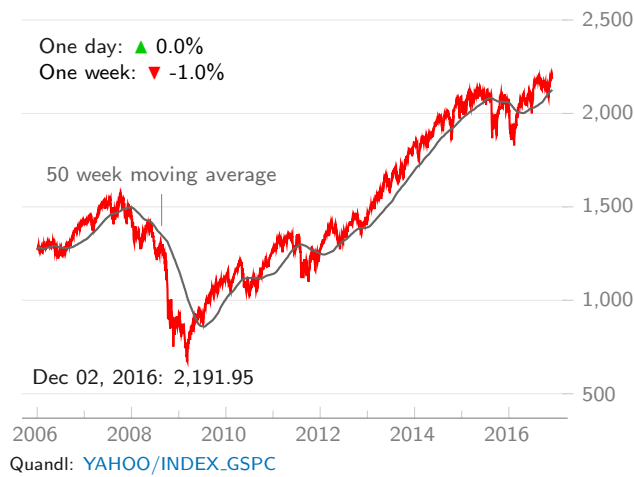


■ Labor share of output (index, 2005=100)

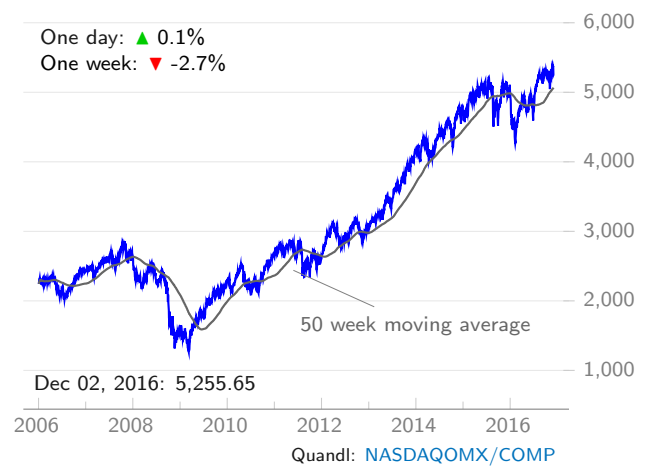


Equity Markets

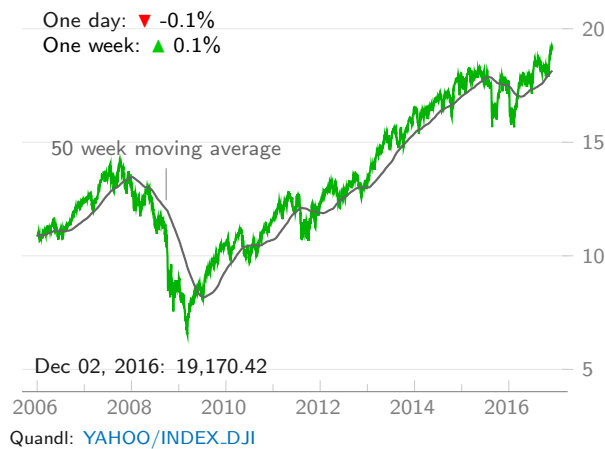
S&P 500



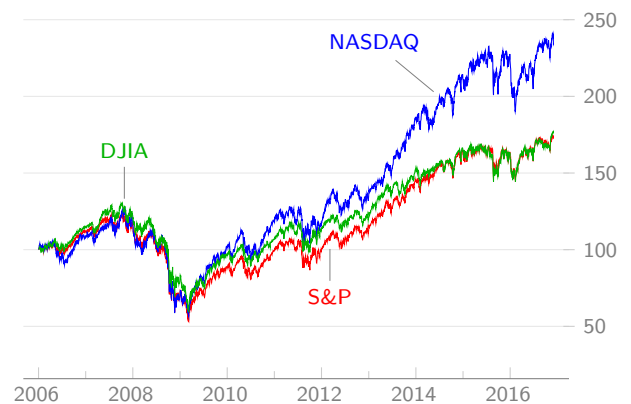
NASDAQ Composite Index



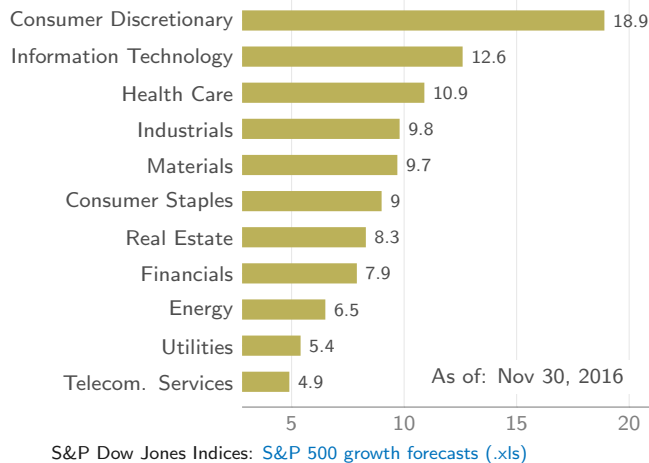
Dow Jones Industrial Average (thousands)



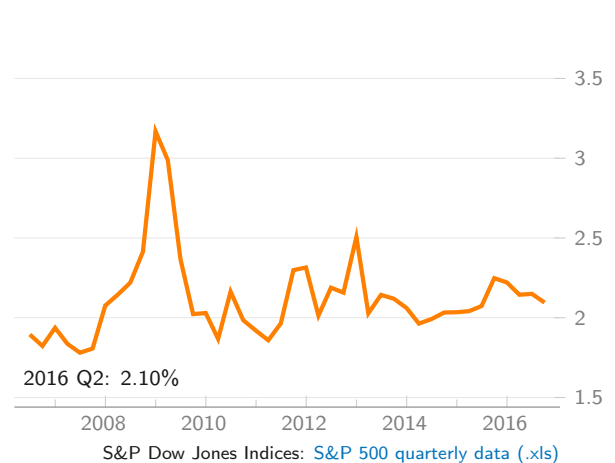
...combined and indexed (2006=100)



S&P 500 five-year growth forecast by sector

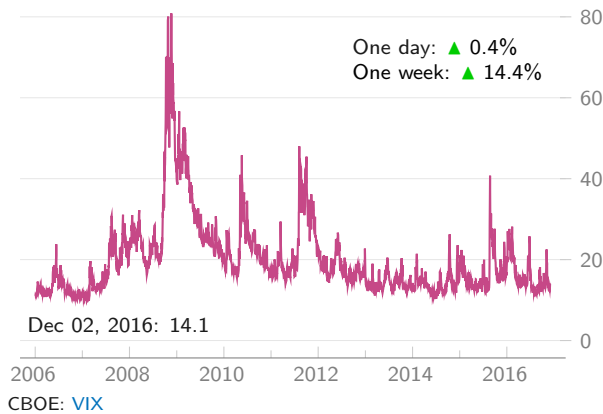


S&P 500 dividend yield (percent)

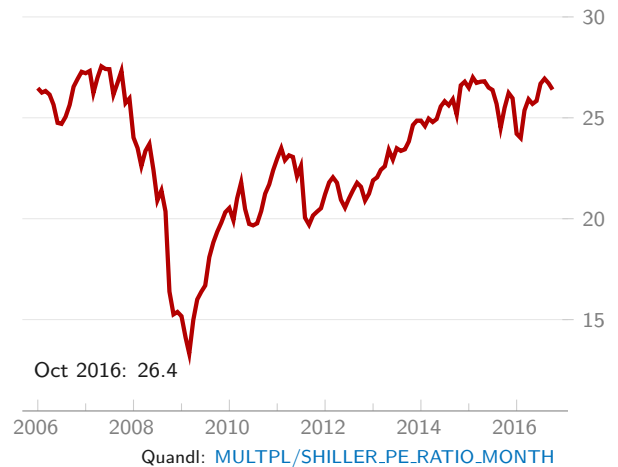


Macro and Markets Dashboard: United States

■ CBOE volatility index (VIX)

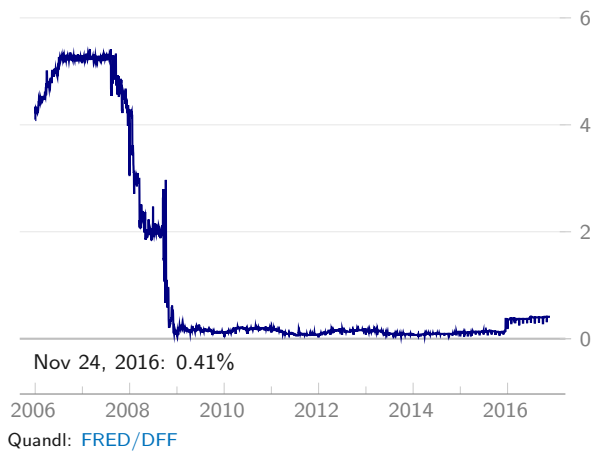


■ Shiller index of price to earnings ratios



Money and Interest Rates

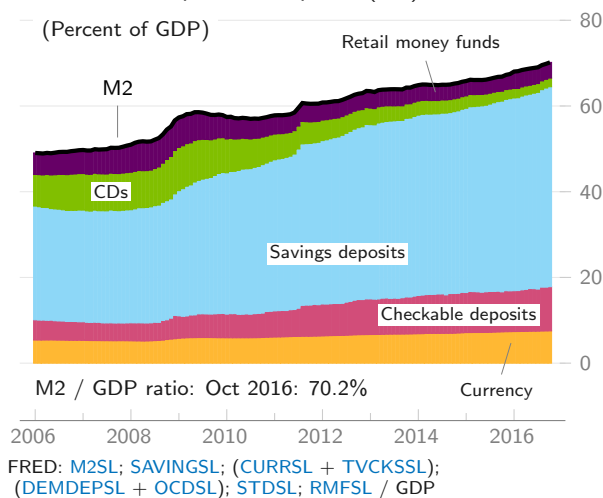
■ Effective fed funds rate



■ Fed excess reserves of depository corporations (USD billion)



■ Cash and cash equivalent deposits (M2)

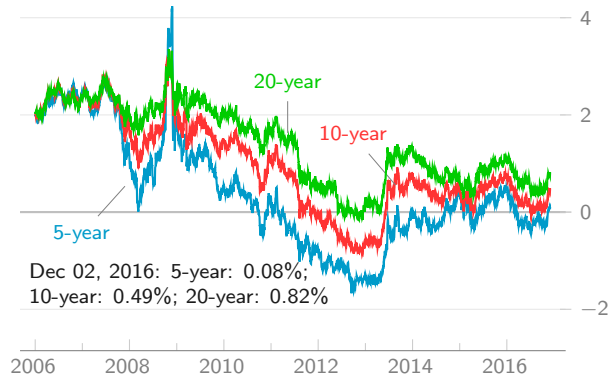


■ Average rate of return on M2



Macro and Markets Dashboard: United States

■ Treasury bond real yield by maturity



Quandl: [USTREASURY/REALYIELD](#)

■ 2- and 10-year treasury constant maturity rates



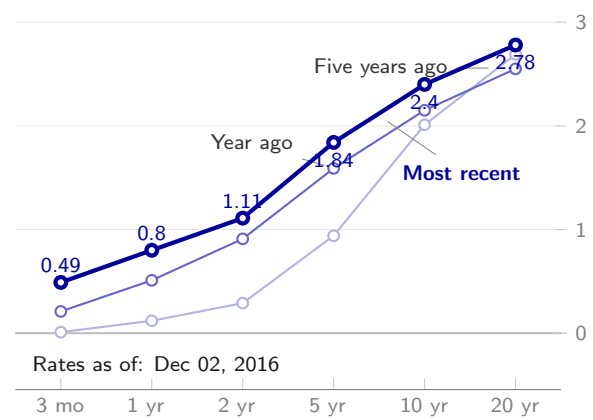
Quandl: [USTREASURY/YIELD](#)

■ Treasury yield spreads



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

■ Treasury bill and bond yield curve



Quandl: [USTREASURY/YIELD](#)

■ Corporate bonds AAA (effective yield)



FRED: [BAMLC0A1CAAAY](#)

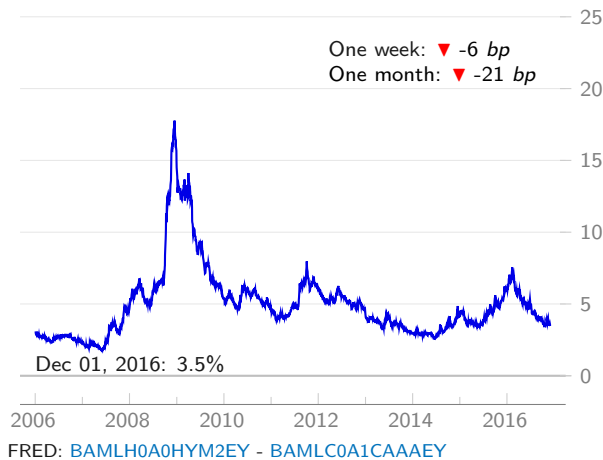
■ Corporate bonds high yield (effective yield)



FRED: [BAMLH0A0HYM2EY](#)

Macro and Markets Dashboard: United States

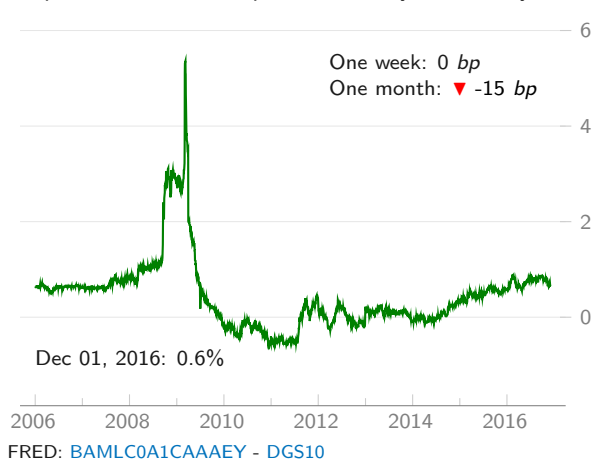
■ Corporate bonds high yield spread over AAA



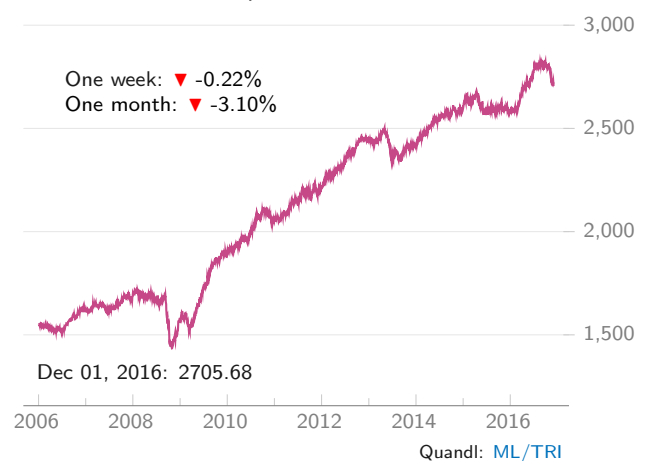
■ ... high yield spread over 10-year treasury



■ Corporate bonds AAA spread over 10-year treasury

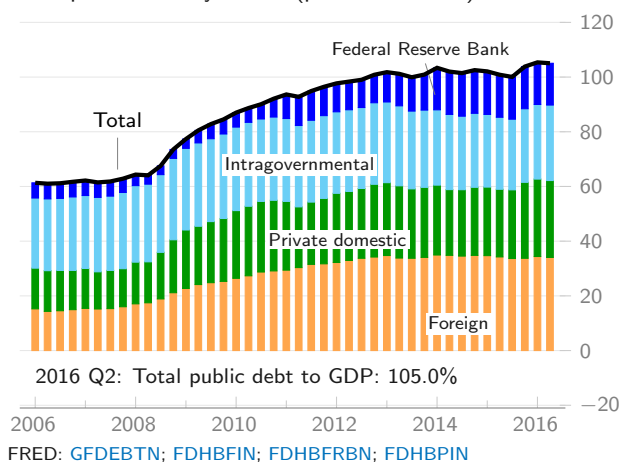


■ Corporate bonds total return index

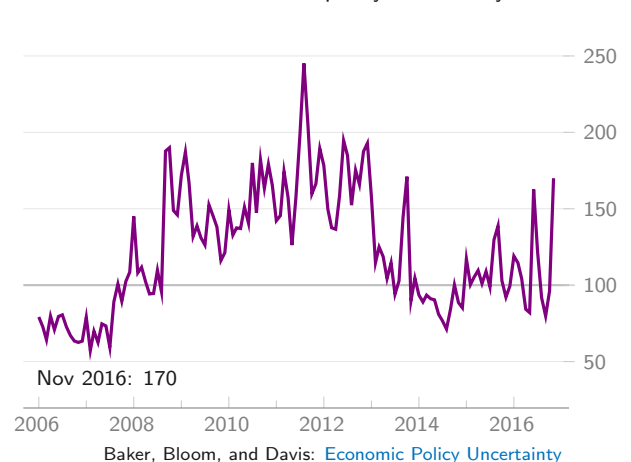


Government and Policy

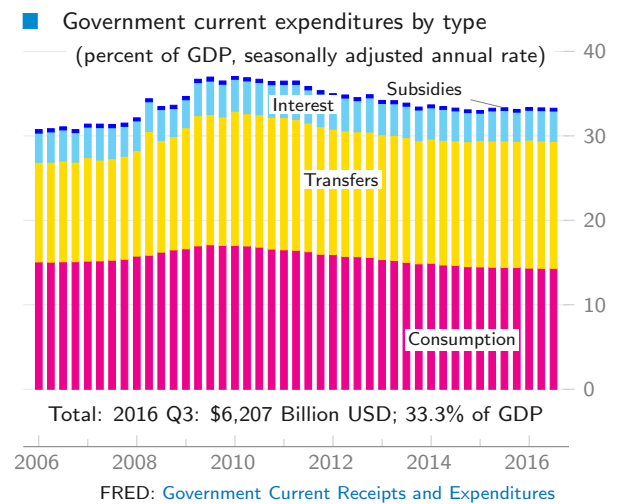
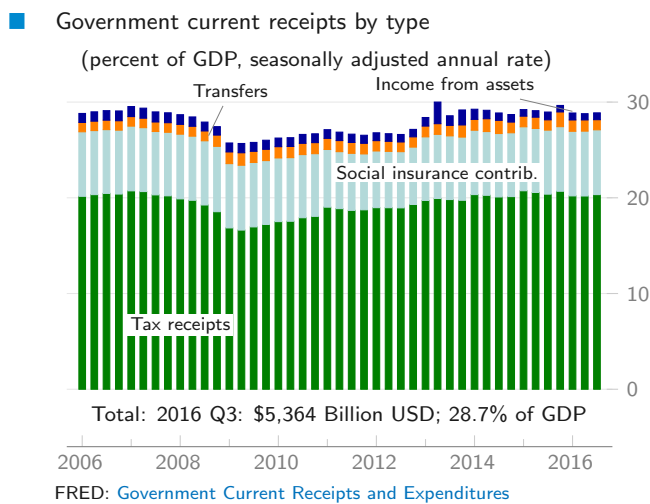
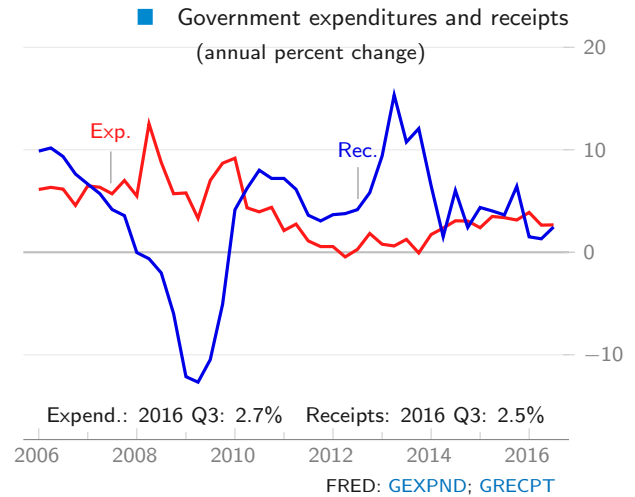
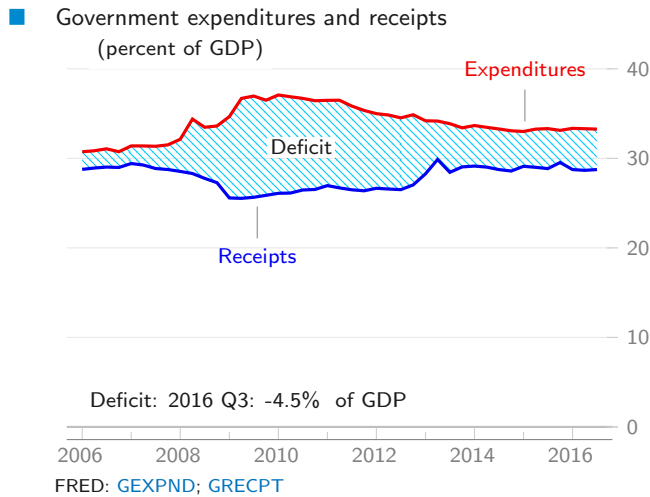
■ Total public debt by holder (percent of GDP)



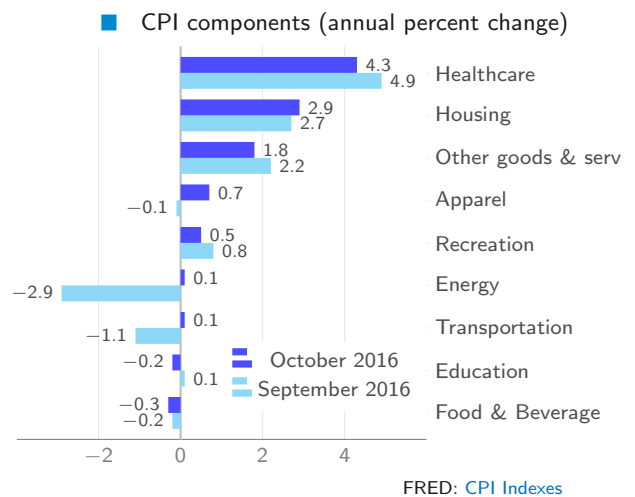
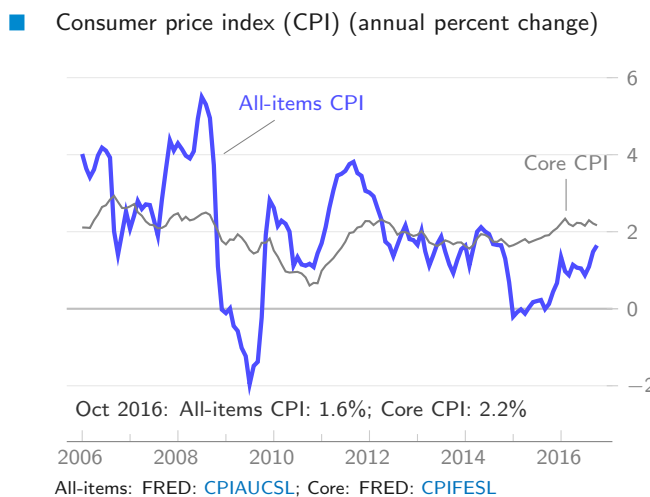
■ Economic policy uncertainty index



Macro and Markets Dashboard: United States

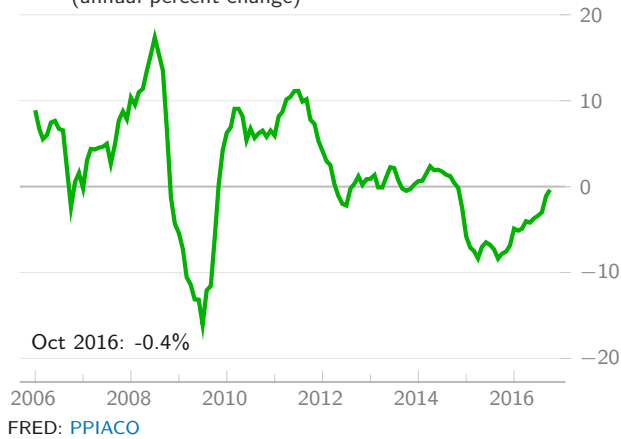


Prices

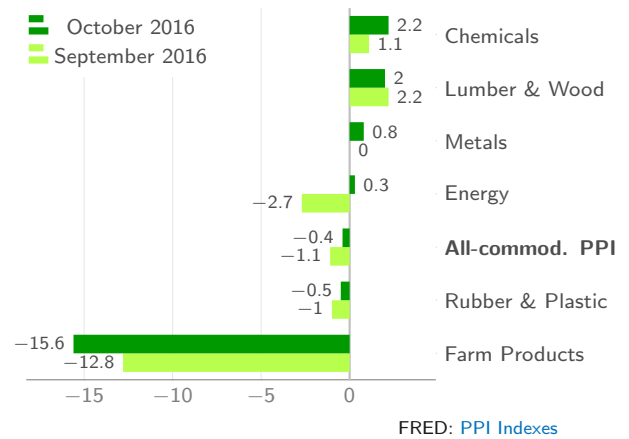


Macro and Markets Dashboard: United States

■ Producer price index, all commodities (PPIACO)
(annual percent change)



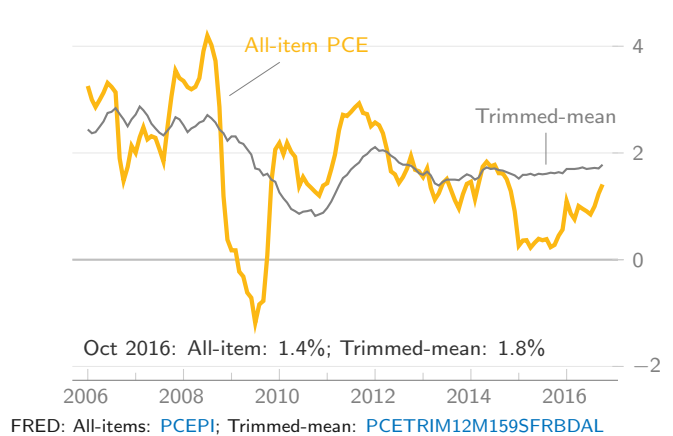
■ PPIACO selected components (annual percent change)



■ 5-Year forward inflation expectation rate
(expected average annual inflation rate, percent)



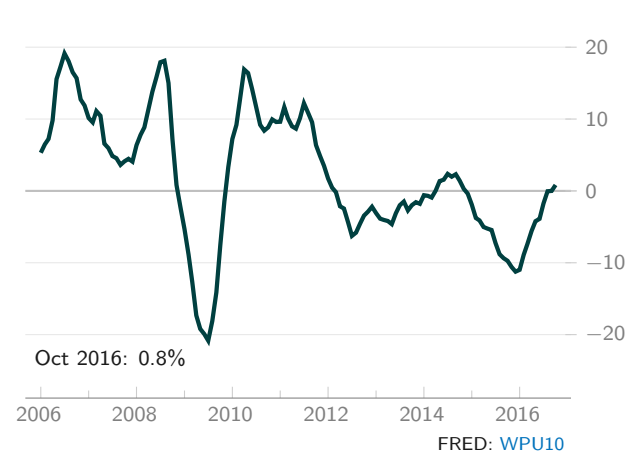
■ PCE chain-type price index (annual percent change)



■ Oil price (USD per barrel, WTI)

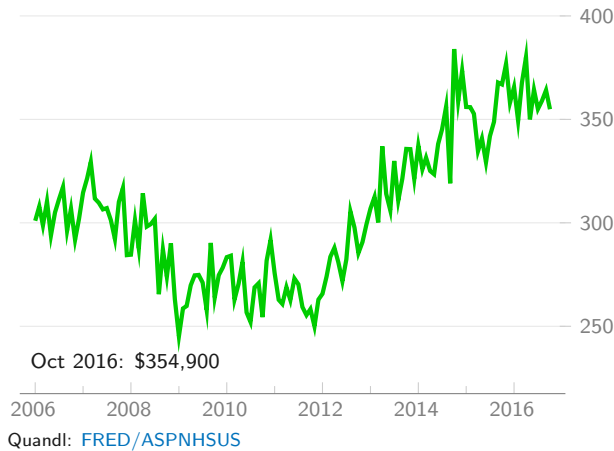


■ PPI growth: metals (annual percent change)



Macro and Markets Dashboard: United States

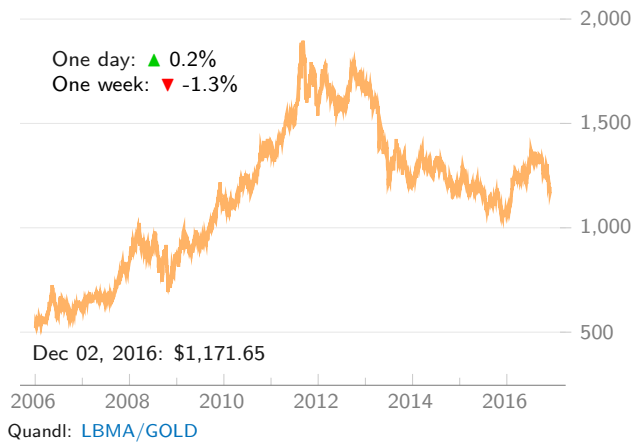
■ Average sales price for new houses (thousands of USD)



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



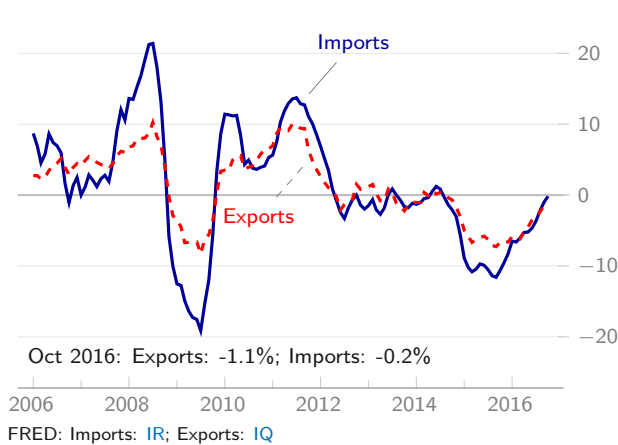
■ Gold price (USD per ounce)



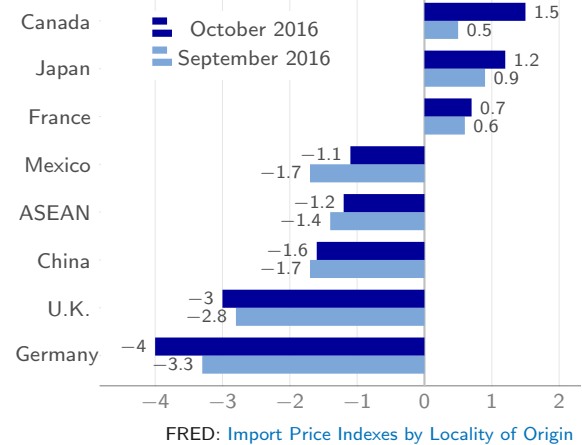
■ Silver price (USD per ounce)



■ Export and import prices (annual percent change)

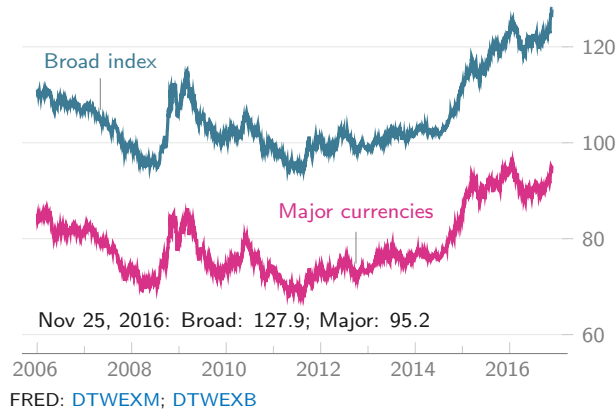


■ Import prices by locality of origin (annual percent change)

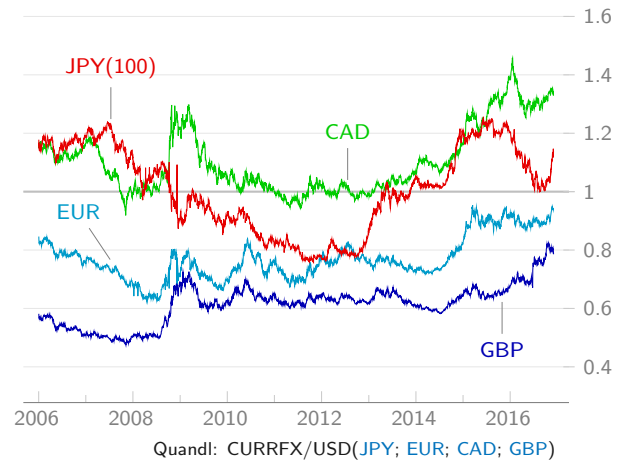


Trade and External Sector Indicators

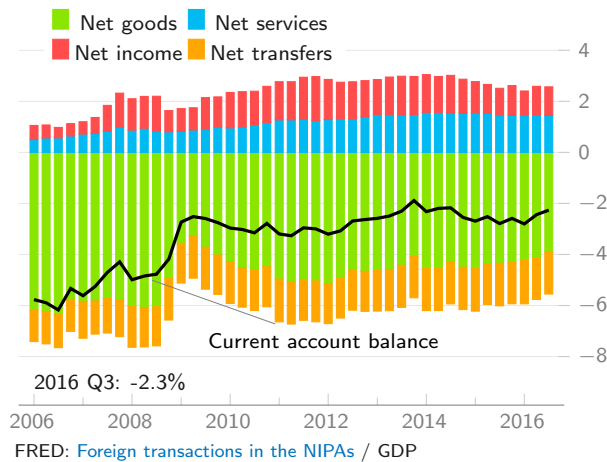
Trade weighted dollar indices (1973=100)



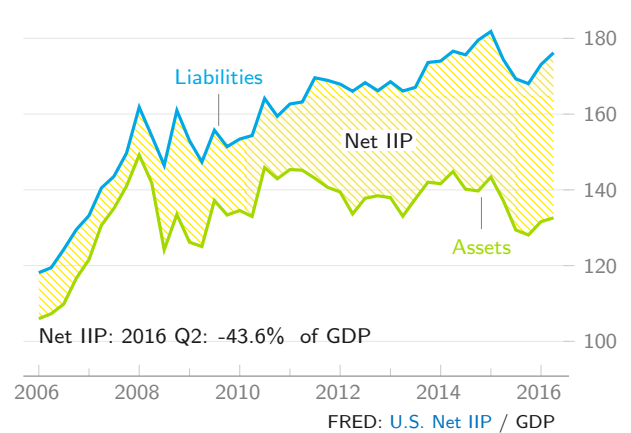
Indirect exchange rates (USD-CUR)



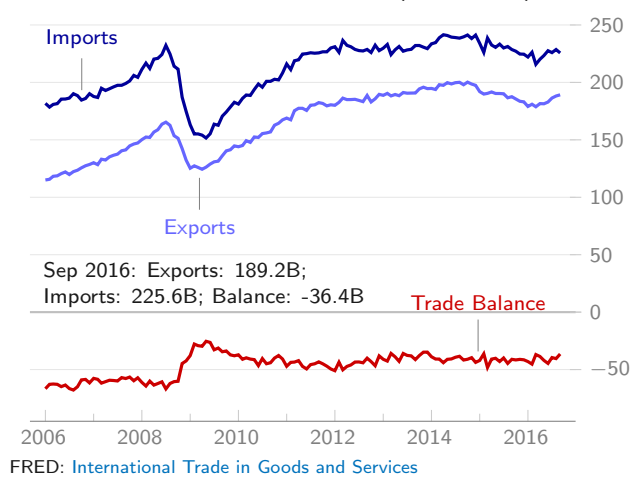
Current account balance components (% of GDP)



Net international investment position (% of GDP)



Imports, Exports, and Trade Balance (USD billion)

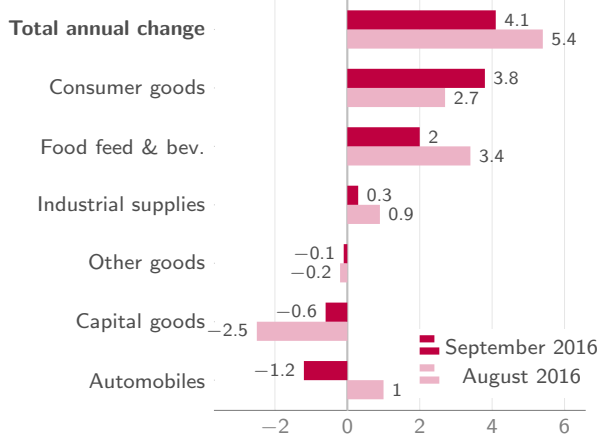


Trade balance (percent of GDP)



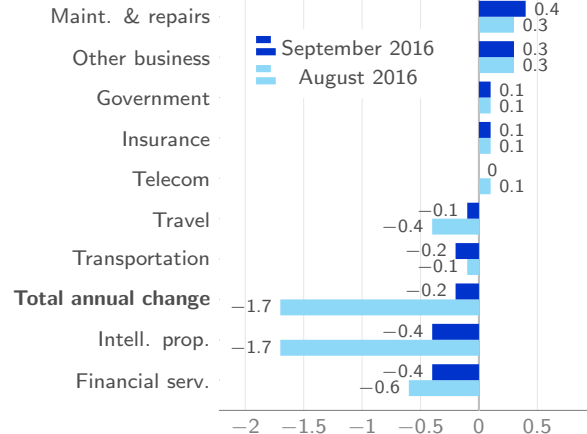
Macro and Markets Dashboard: United States

Net exports of goods (annual percent change)



FRED: [U.S. International Trade in Goods and Services](#)

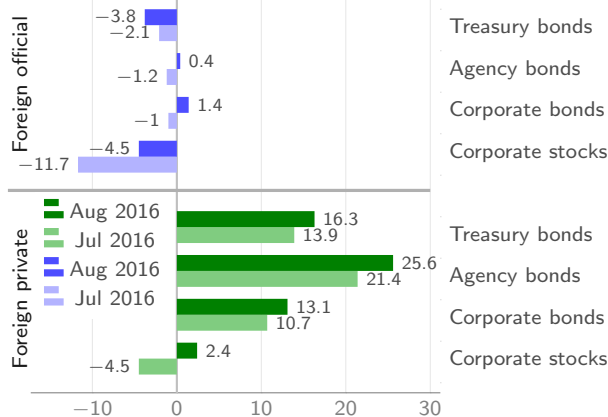
Net exports of services (annual percent change)



Census Bureau: [U.S. International Trade in Goods and Services](#)

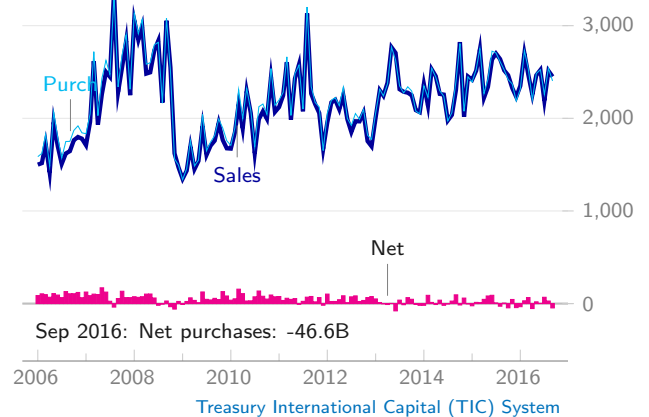
Capital Flows

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

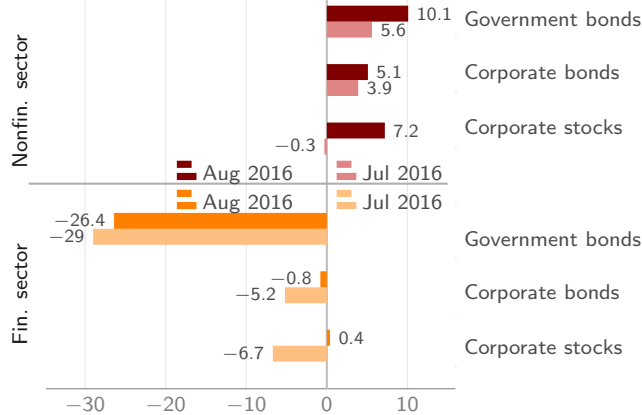


Treasury International Capital (TIC) System

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

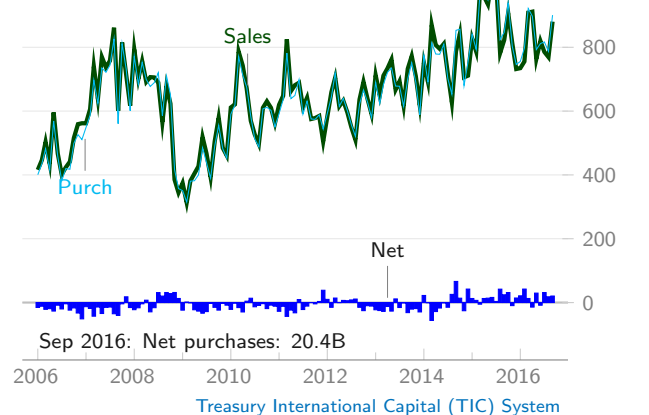


U.S. holdings of foreign securities (annual % change)























Treasury International Capital (TIC) System

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 day % ch.	1 week % ch.	1 month % ch.	1 year % ch.	1 year high	1 year low	Updated:
 EUR	0.938	▼ -0.01	▼ -0.67	▲ 3.88	▲ 2.73	0.948	0.867	2016-12-02
 GBP	0.786	▼ -1.12	▼ -1.96	▼ -3.46	▲ 14.75	0.822	0.670	2016-12-02
 JPY	113.494	▼ -0.38	▲ 0.23	▲ 8.90	▼ -5.94	121.340	99.988	2016-12-02
 CAD	1.329	▼ -0.15	▼ -1.71	▼ -0.81	▼ -1.66	1.458	1.253	2016-12-02
 MXN	20.631	▼ -0.63	▼ -0.21	▲ 6.25	▲ 16.16	20.797	17.178	2016-12-02
 AUD	1.339	▼ -0.60	▼ -0.22	▲ 2.43	▼ -2.54	1.457	1.281	2016-12-02
 CNY	6.883	▲ 0.00	▼ -0.43	▲ 1.87	▲ 6.04	6.919	6.439	2016-12-02
 CHF	1.010	▼ -0.03	▼ -0.36	▲ 3.68	▲ 2.33	1.025	0.953	2016-12-02
 NZD	1.400	▼ -0.60	▼ -1.37	▲ 1.98	▼ -4.36	1.562	1.341	2016-12-02
 SEK	9.188	▼ -0.30	▼ -0.60	▲ 2.89	▲ 8.65	9.286	7.965	2016-12-02
 NOK	8.401	▼ -0.08	▼ -2.08	▲ 2.53	▼ -3.06	8.946	7.971	2016-12-02
 DKK	6.997	▲ 0.29	▼ -0.31	▲ 4.15	▲ 2.75	7.057	6.455	2016-12-02
 RUB	63.677	▼ -0.41	▼ -2.08	▲ 0.31	▼ -10.31	82.900	61.998	2016-12-02
 HKD	7.755	▼ -0.01	▼ -0.01	▼ 0.00	▲ 0.06	7.822	7.750	2016-12-02
 SGD	1.419	▼ -0.46	▼ -0.64	▲ 2.40	▲ 0.99	1.444	1.337	2016-12-02
 TRY	3.523	▲ 0.74	▲ 2.05	▲ 11.64	▲ 17.25	3.523	2.796	2016-12-02
 KRW	1167.200	▼ -0.21	▼ -0.69	▲ 1.94	▼ -0.06	1241.130	1090.050	2016-12-02
 ZAR	13.798	▼ -2.16	▼ -2.40	▲ 2.51	▼ -10.46	16.870	13.222	2016-12-02
 BRL	3.475	▼ -2.92	▲ 1.53	▲ 6.37	▼ -8.19	4.154	3.112	2016-12-02
 INR	68.034	▼ -0.54	▼ -0.63	▲ 1.95	▲ 3.08	68.805	65.940	2016-12-02
 ILS	3.814	▼ -0.33	▼ -1.41	▲ 0.13	▼ -1.71	3.975	3.738	2016-12-02
 EGP	17.800	▲ 1.40	▲ 3.09	▲ 50.24	▲ 56.85	17.950	7.646	2016-12-02
 IDR	13520.000	▲ 0.04	▲ 0.15	▲ 3.44	▼ -0.81	13973.000	12770.000	2016-12-02
 THB	35.600	▲ 0.03	▼ -0.06	▲ 1.91	▲ 0.98	36.325	34.196	2016-12-02
 MYR	4.440	▼ -0.47	▼ -0.29	▲ 5.74	▲ 3.38	4.470	3.835	2016-12-02
 ARS	15.920	▲ 0.75	▲ 2.40	▲ 5.65	▲ 19.13	15.920	12.875	2016-12-02
 COP	3084.000	▲ 0.42	▼ -2.98	▲ 0.54	▼ -2.50	3414.000	33.400	2016-12-02
 CLP	670.580	▼ -0.42	▼ -1.16	▲ 3.22	▼ -4.39	732.000	642.000	2016-12-02

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

¹ The number of units of foreign currency required to purchase one U.S. dollar.

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