

# Macro and Markets Dashboard: United States

Updated: December 30, 2016



## Key Indicators

			over prev.	as of:
Real GDP	16.7T		3.6%	2016 Q3
Unemp. rate	4.6%		-0.3	Nov 2016
Inflation	1.7%		0.1	Nov 2016
			one week	one mo.
S&P 500	2,249.26		-0.7%	2.0%
DJIA	19,819.78		-0.6%	3.7%
NASDAQ	5,432.09		-0.7%	1.0%
VIX	13.37		18.6%	3.6%
2-yr t-bond	1.22%		0.01	0.13
10-yr t-bond	2.49%		-0.06	0.19
Crude oil	\$53.77		2.4%	18.9%
USD index	96.55		0.5%	1.4%

chart: data:

## Contents

About the Dashboard	1
High-frequency indicators	2
Macroeconomic Indicators: Overview	3
Macroeconomic Indicators: Businesses	4
Macroeconomic Indicators: Households	6
Depository Corporations	8
Labor Markets	9
Equity Markets	12
Money and Interest Rates	13
Government and Policy	15
Prices	16
Trade and External Sector Indicators	19
Capital Flows	20
Exchange Rate Table	21

## 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

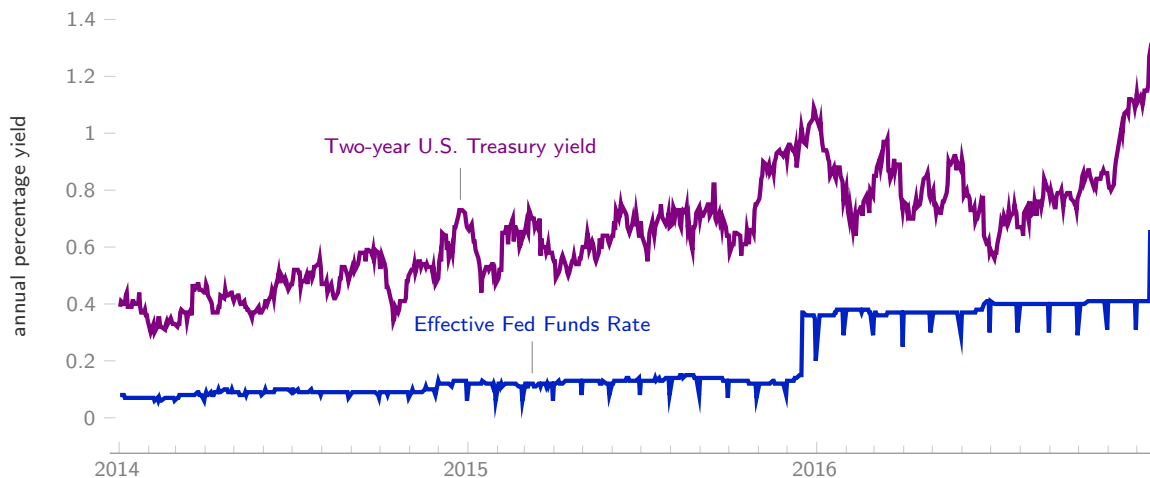
[briandew.wordpress.com](http://briandew.wordpress.com)

[brianwdew@gmail.com](mailto:brianwdew@gmail.com)

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

## Chart of the week

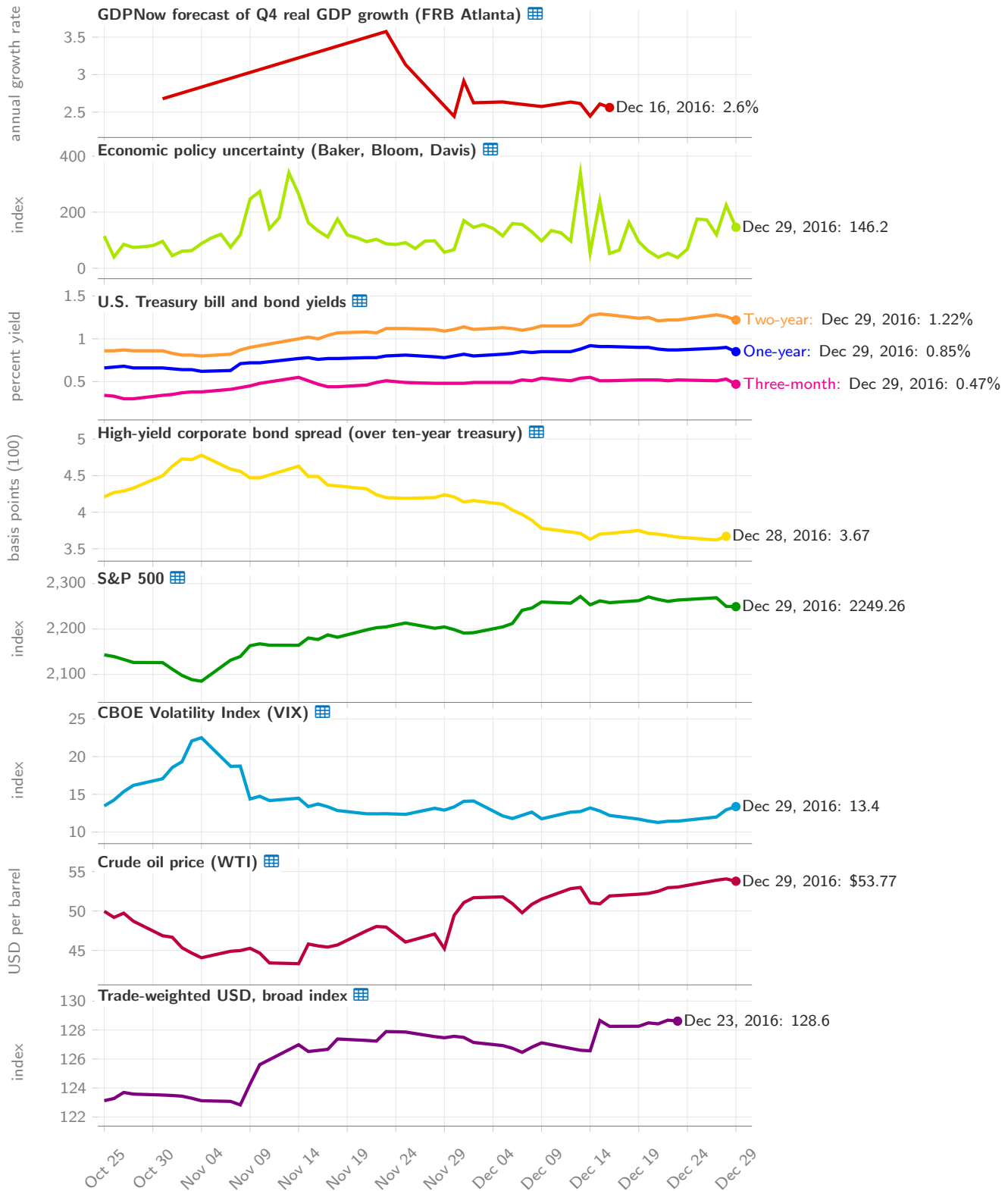
■ Interest rates increase following the FOMC meeting conclusion on December 14



Source: FRED: DGS2; DFF

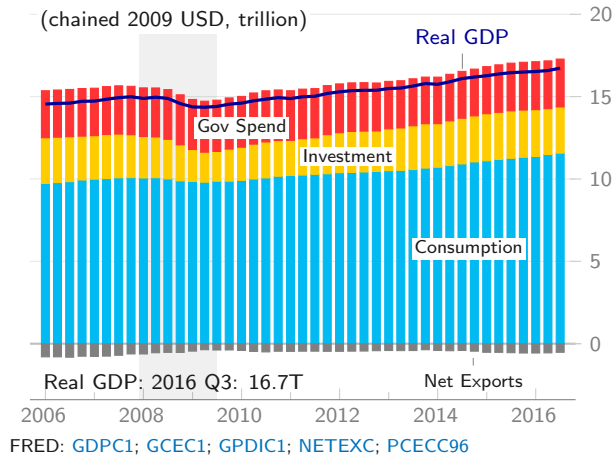
Markets had already priced in the FOMC's 25 basis point hike but were surprised by both the shift in committee members expected rate hike path to 3 hikes in 2017 and in Chair Yellen's more hawkish tone during the press conference. Interest rates on treasuries increased in line with the rate hike before the meeting and increased again following the arguably hawkish surprise.

## High-frequency indicators

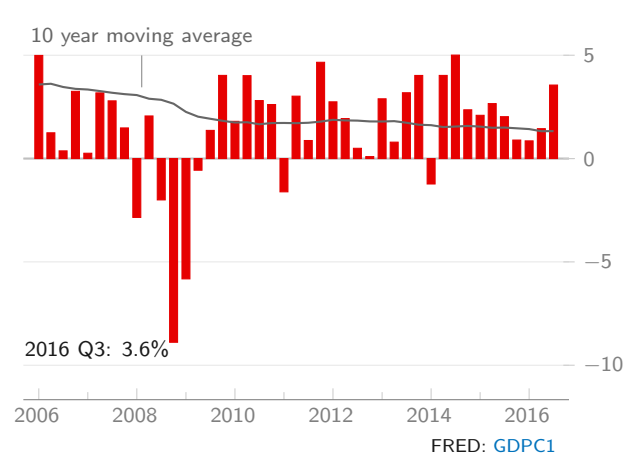


## Macroeconomic Indicators: Overview

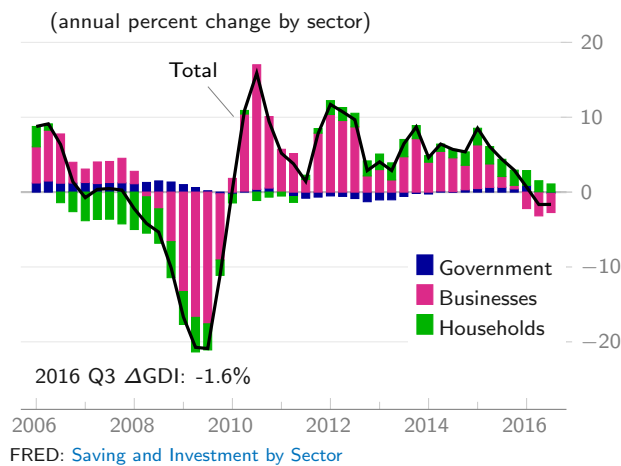
### Components of real gross domestic product (GDP)



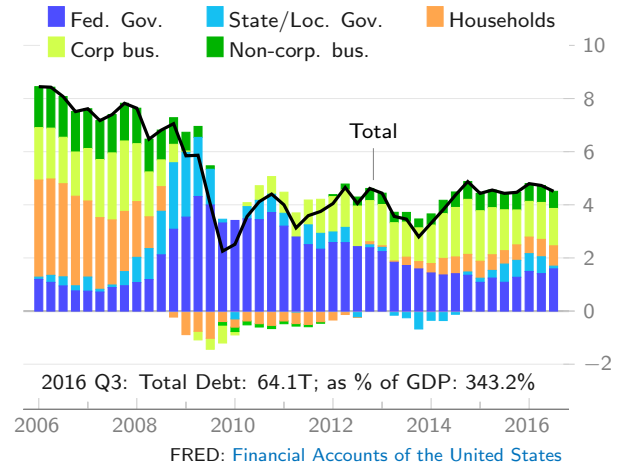
### Real GDP growth (annual percent change)



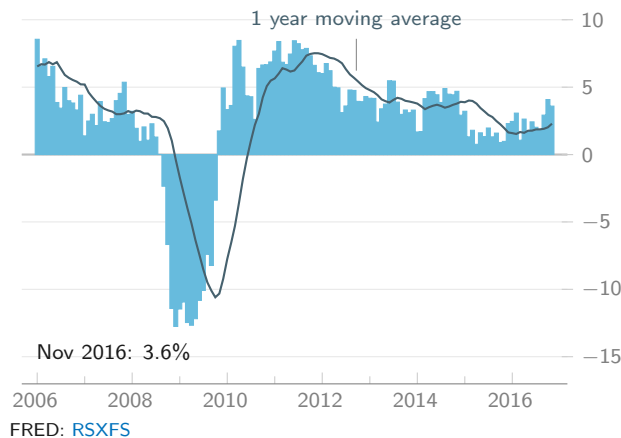
### Gross domestic investment (GDI)



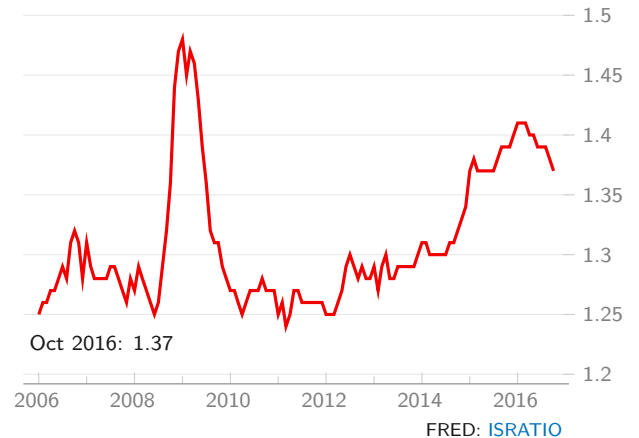
### Liabilities (annual percent change by sector)



### Retail sales excluding food (annual percent change)

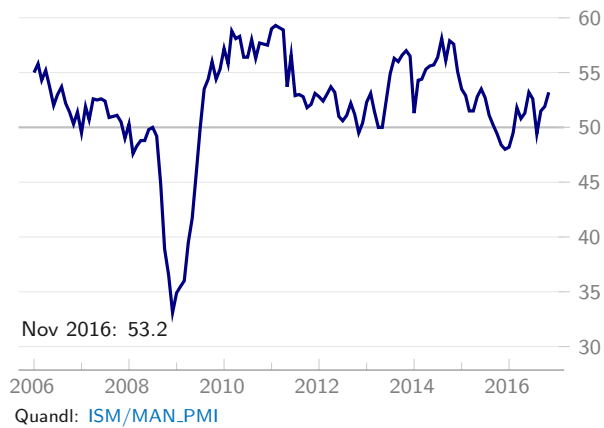


### Inventories to sales ratio

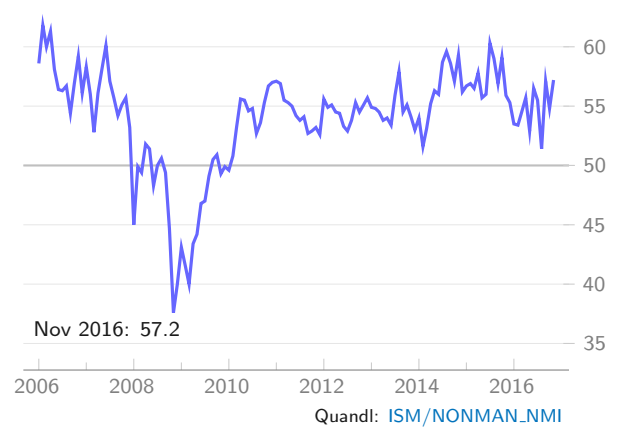


## Macroeconomic Indicators: Businesses

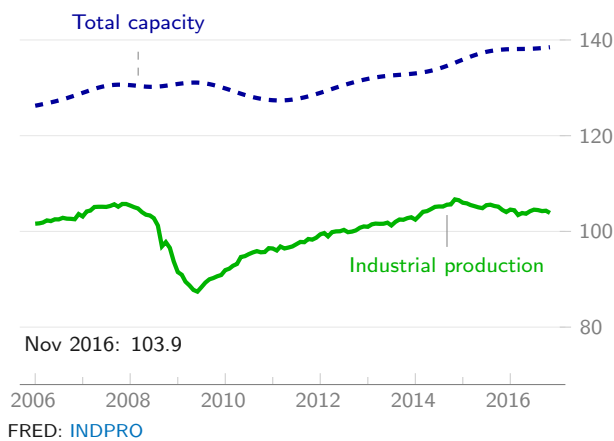
■ ISM manufacturing purchasing managers' index  
(>50 improvement; <50 deterioration)



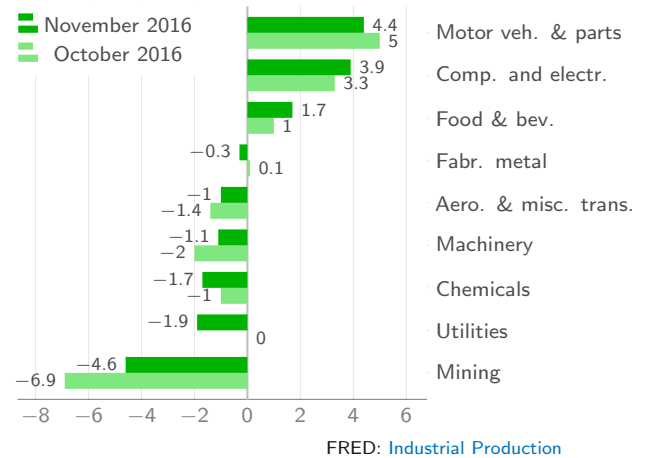
■ ISM non-manufacturing business activity index  
(>50 improvement; <50 deterioration)



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



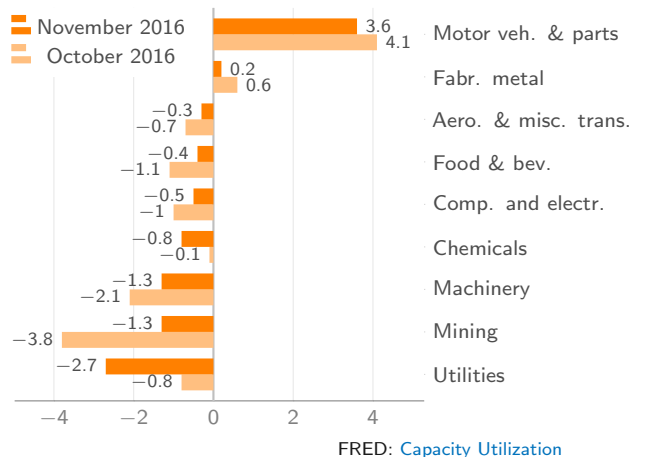
■ IP index change, major industry groups



■ Total capacity utilization (percent of capacity)

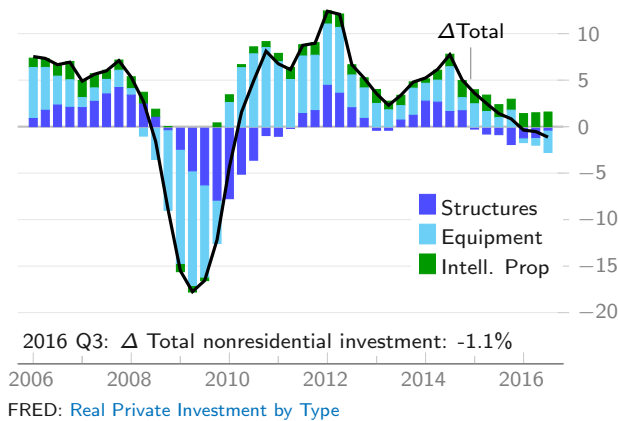


■ Capacity utilization change, major industry groups

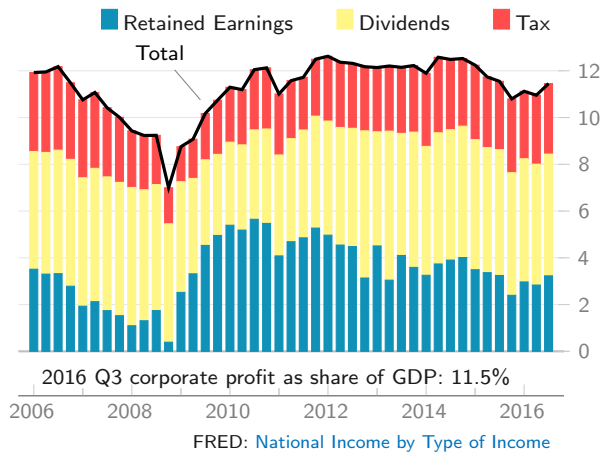


## Macro and Markets Dashboard: United States

Real nonresidential fixed investment (annual percent change by type)



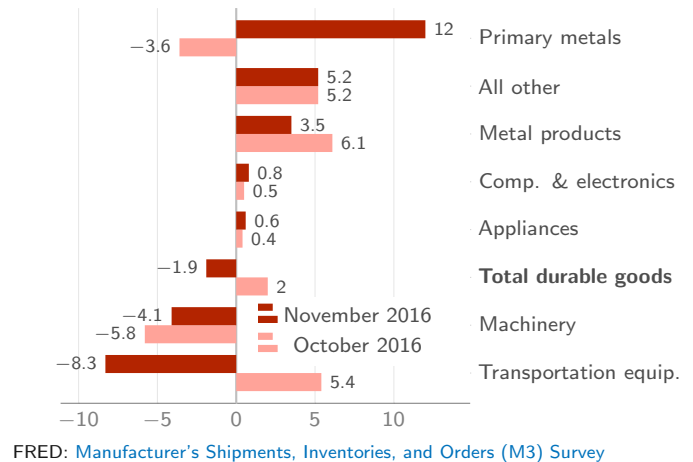
Destination of corporate profits (percent of GDP)



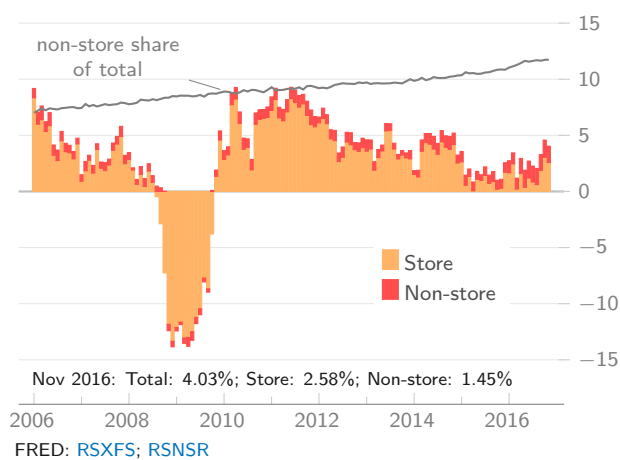
Durable goods new orders (annual percent change)



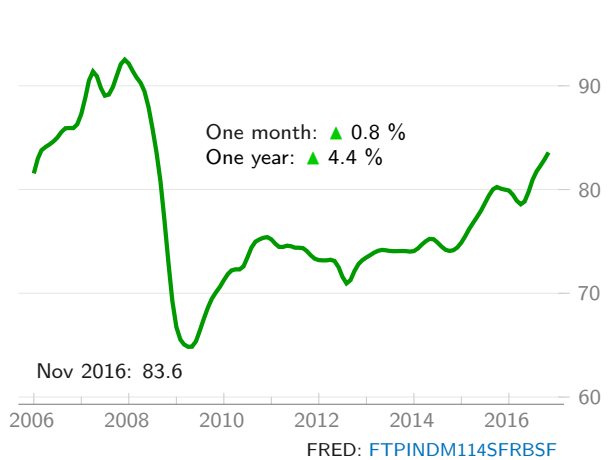
Durable goods new orders by category



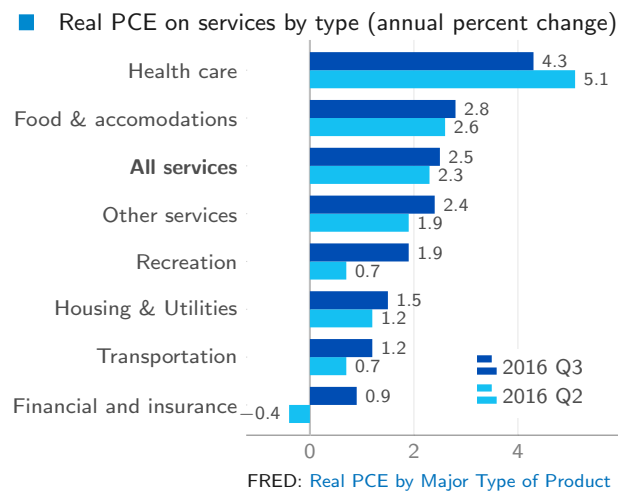
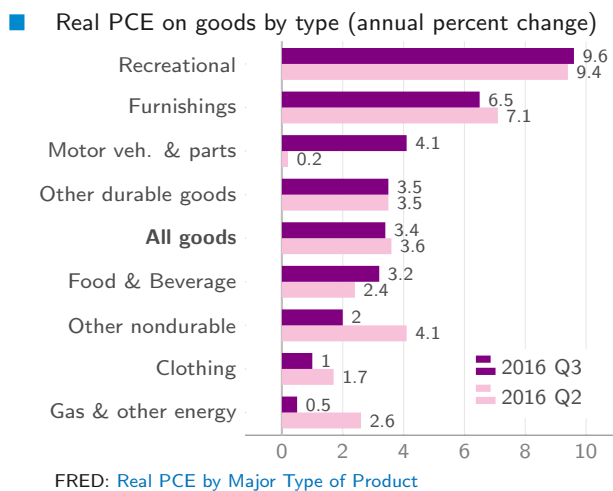
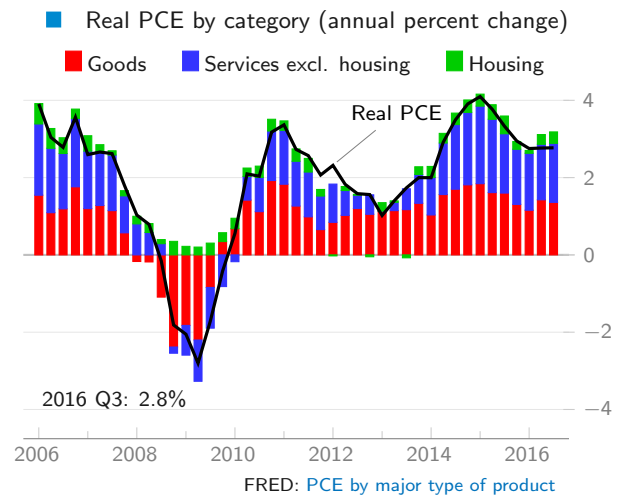
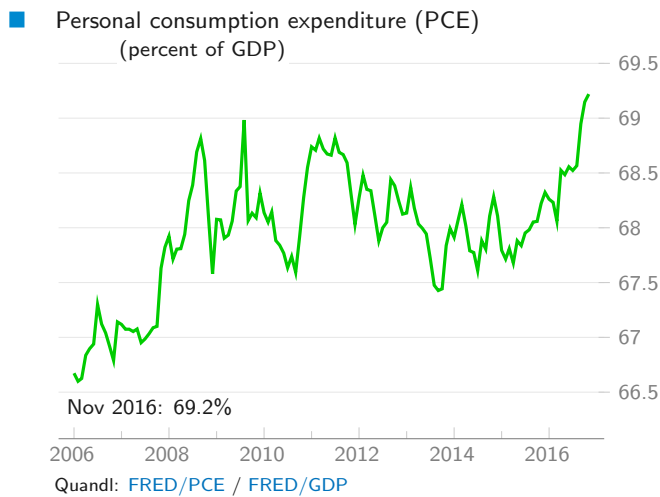
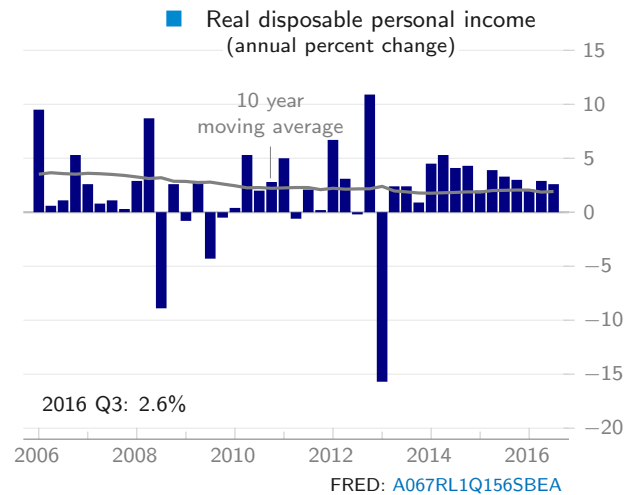
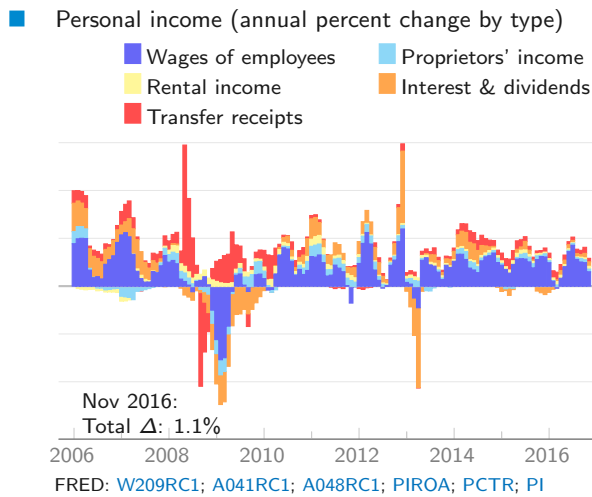
Retail sales, store vs. non-store (annual growth rate)



FRBSF tech pulse index (2000=100)

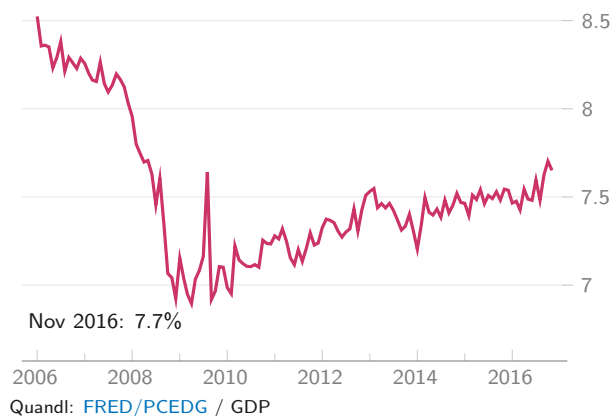


## Macroeconomic Indicators: Households

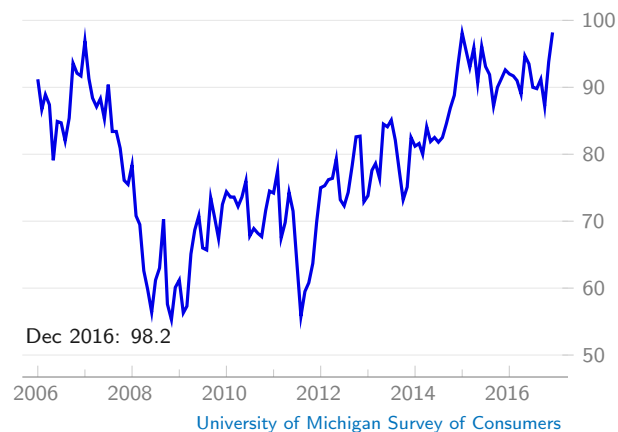


## Macro and Markets Dashboard: United States

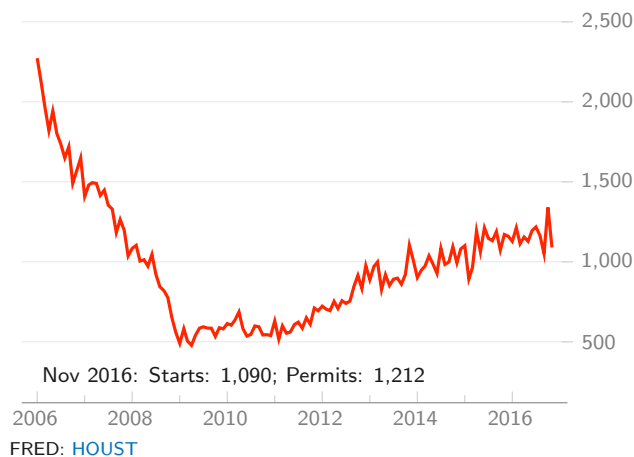
■ PCE on durable goods (percent of GDP)



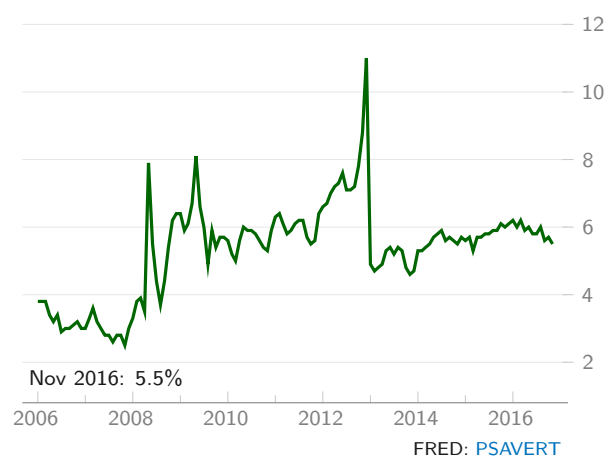
■ University of Michigan consumer sentiment index



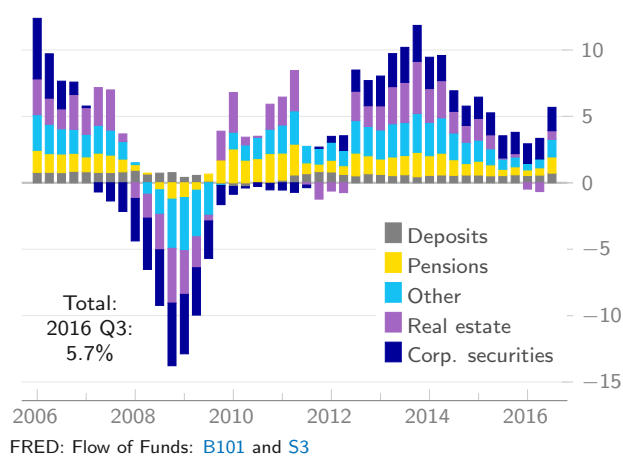
■ New housing starts (thousands of units)



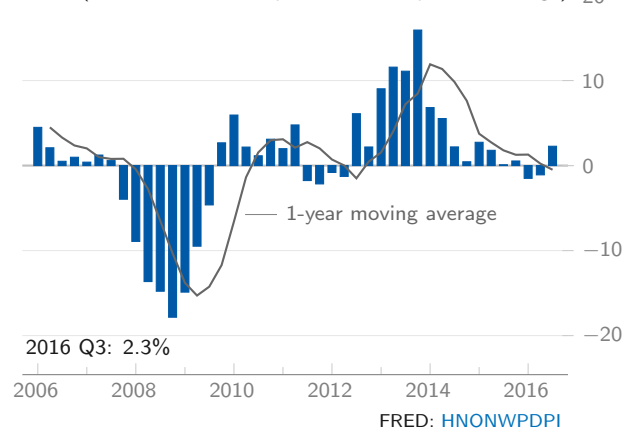
■ Personal savings rate (percent of disposable income)



■ Household and nonprofits assets (annual growth rate)

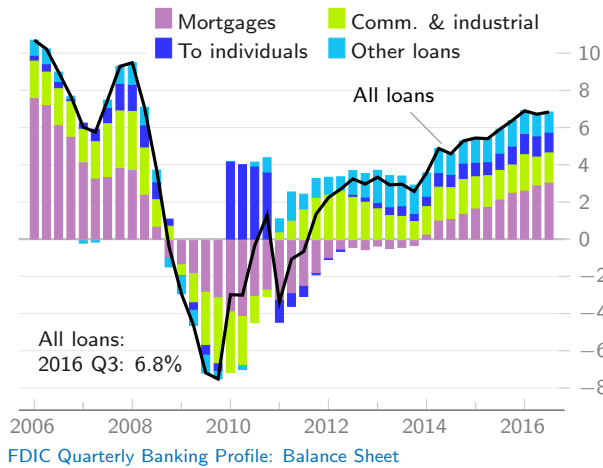


■ Net wealth as percent of gross disposable income  
(households and nonprofits, annual percent change)

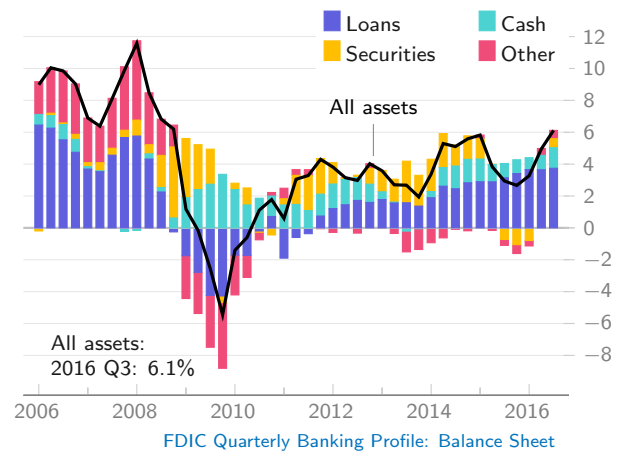


## Depository Corporations

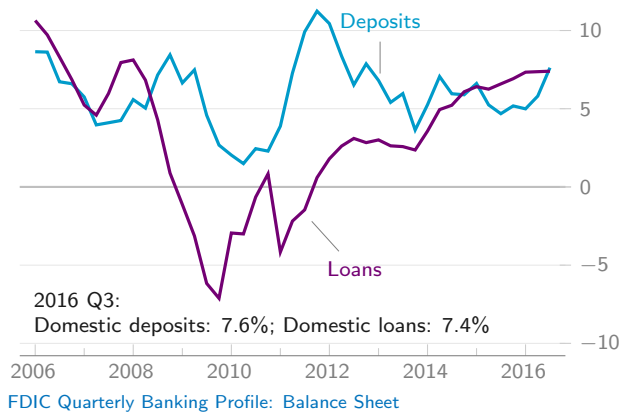
Value of bank loans by loan type (annual percent change)



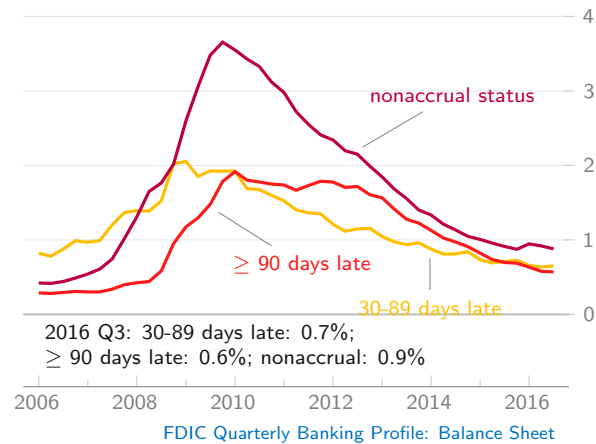
Bank assets by major type (annual percent change)



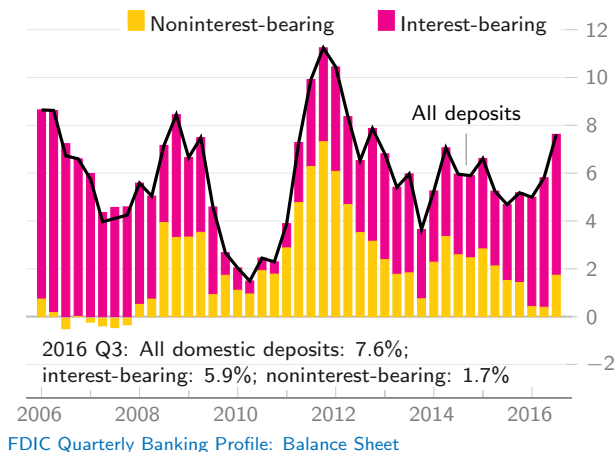
Domestic loans and deposits (annual percent change)



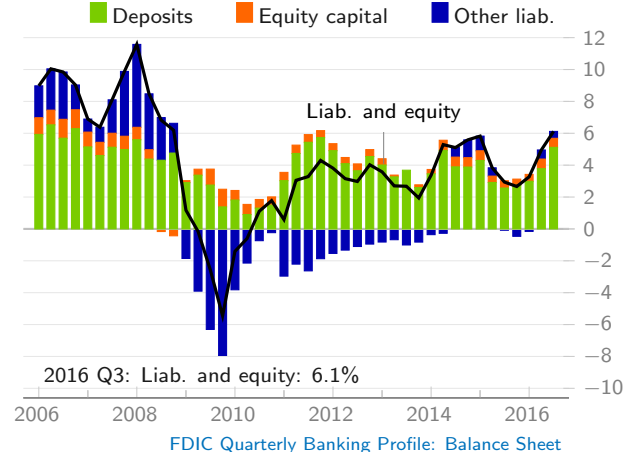
Noncurrent loans (share of total loans)



Domestic deposits (annual percent change)



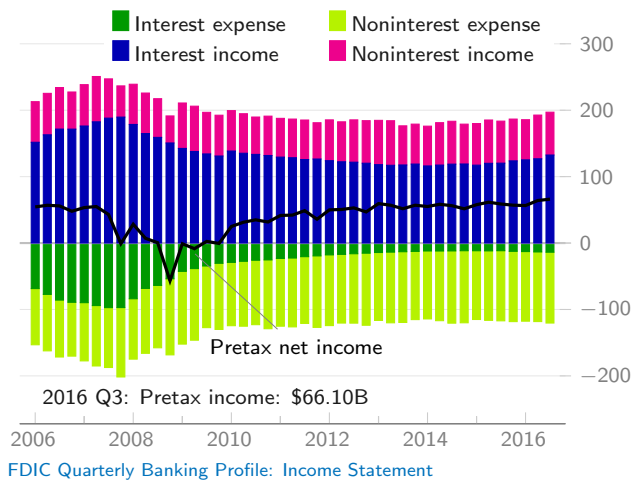
Bank liabilities and equity capital (annual % change)



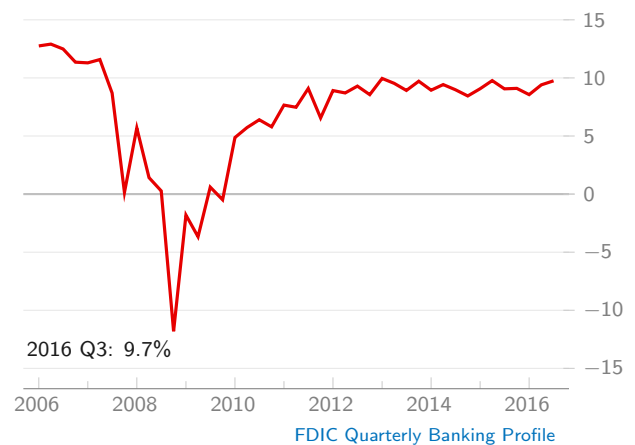


## Macro and Markets Dashboard: United States

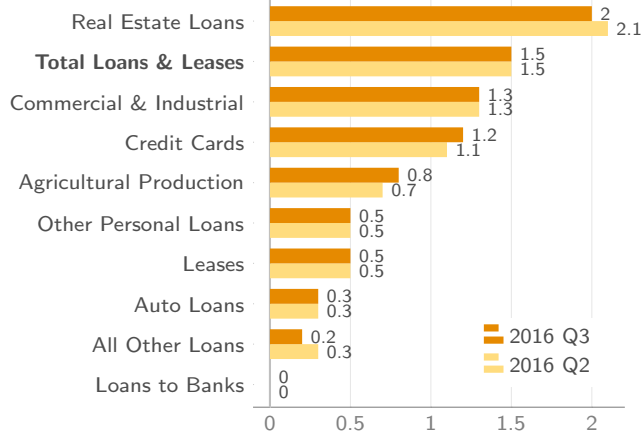
### Bank income and expense (USD billions)



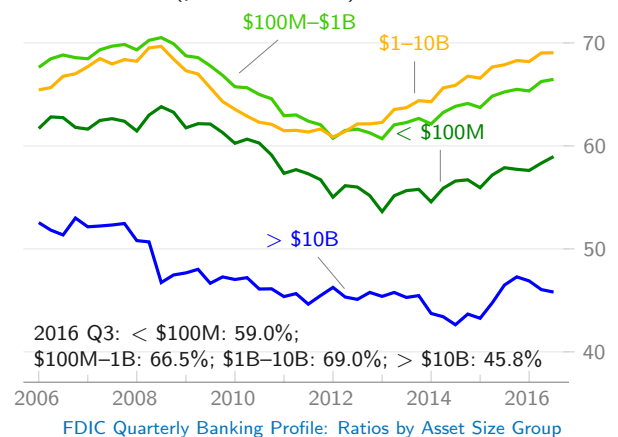
### Bank return on equity (ROE)



### Noncurrent rate by loan type

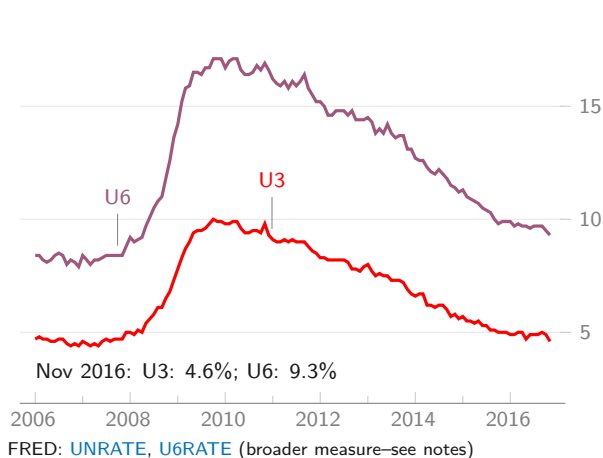


### Loans to assets ratio by total bank assets (percent of loans)



## Labor Markets

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

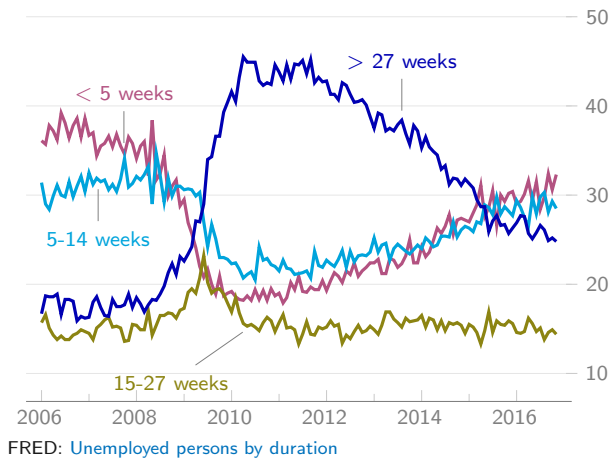


### Labor force participation rate

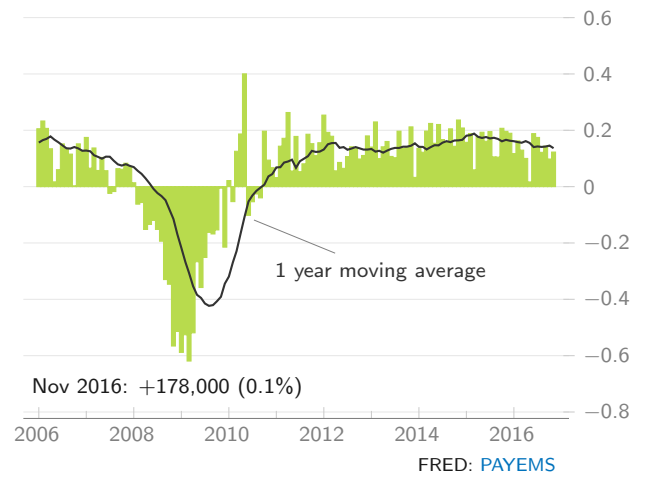


# Macro and Markets Dashboard: United States

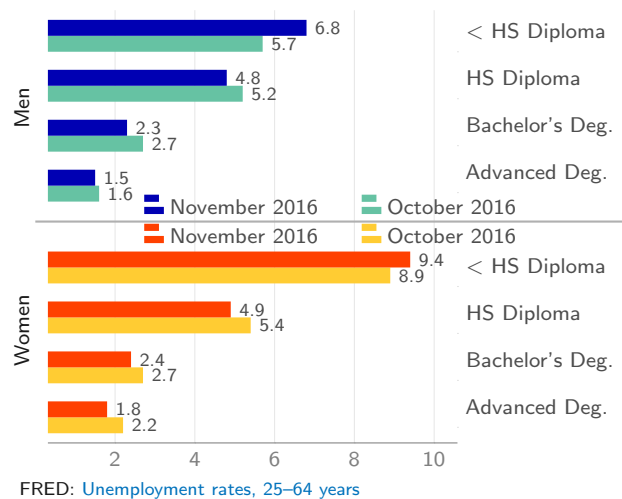
■ Share of unemployed by duration



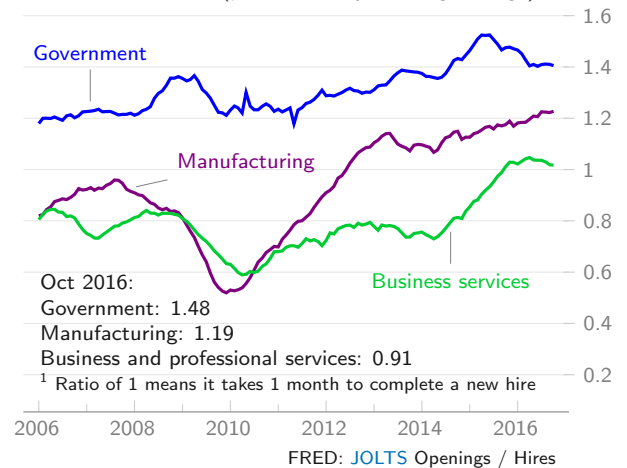
■ Nonfarm payrolls (monthly percent change)



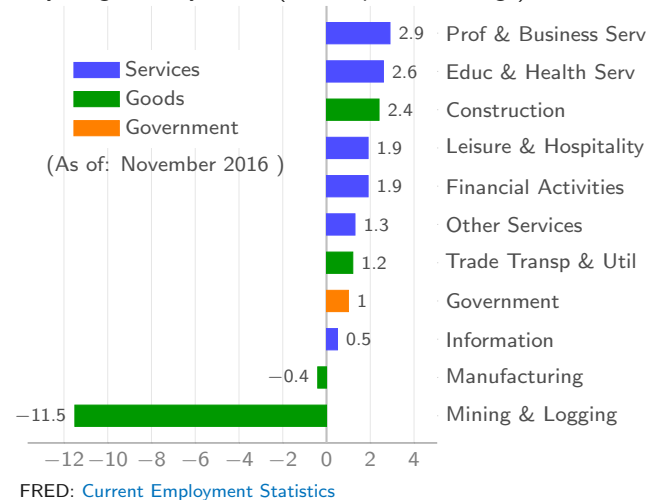
■ Unemployment rate by gender and education level



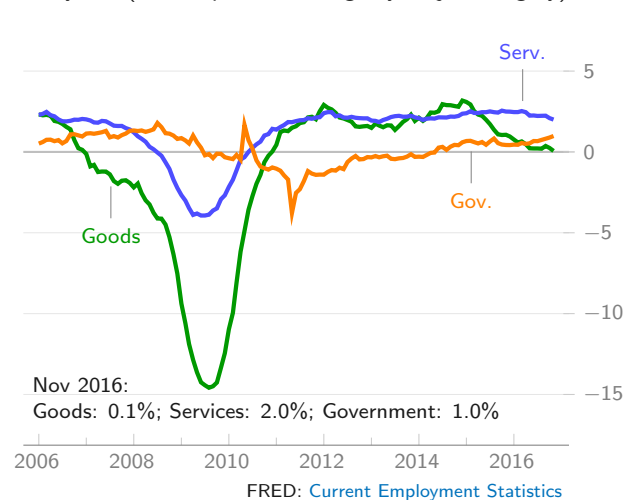
■ Job openings per hire, ratio by sector<sup>1</sup>  
(plots show 1-yr moving average)



■ Payroll growth by sector (annual percent change)

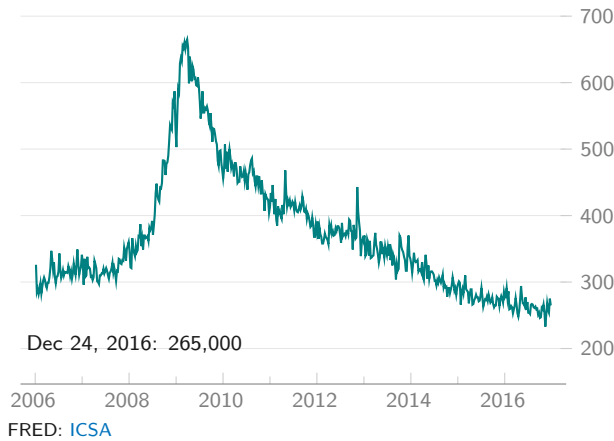


■ Payrolls (annual percent change by major category)

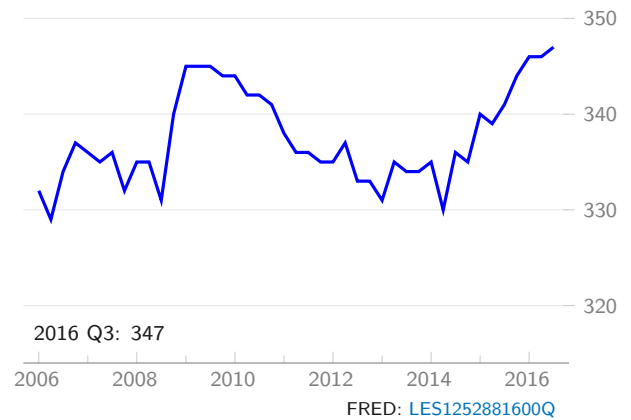


## Macro and Markets Dashboard: United States

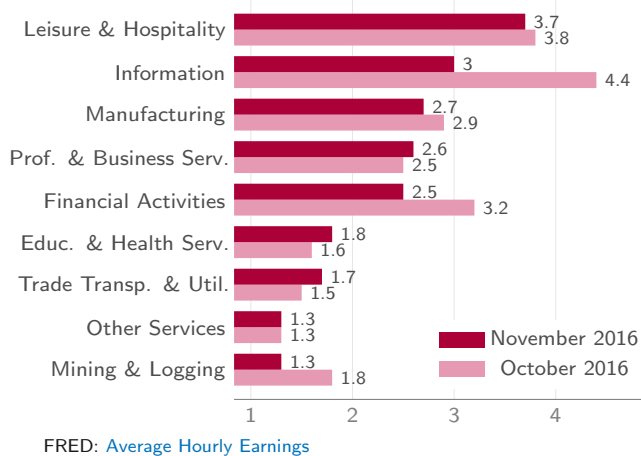
■ New jobless claims (weekly, thousands)



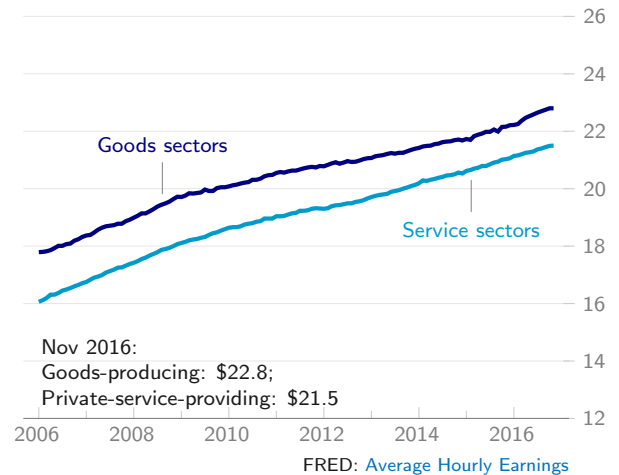
■ Real median weekly wage (1982–84 dollars)



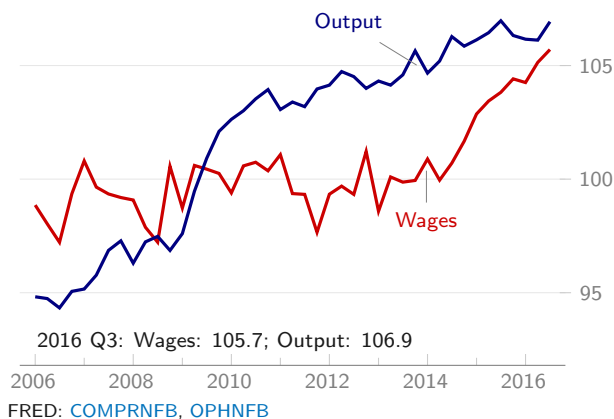
■ Nominal average hourly wage (annual percent change)



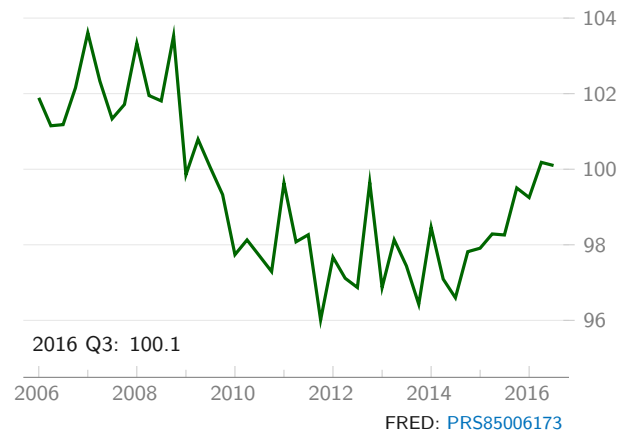
■ Nominal average hourly wages (USD)



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

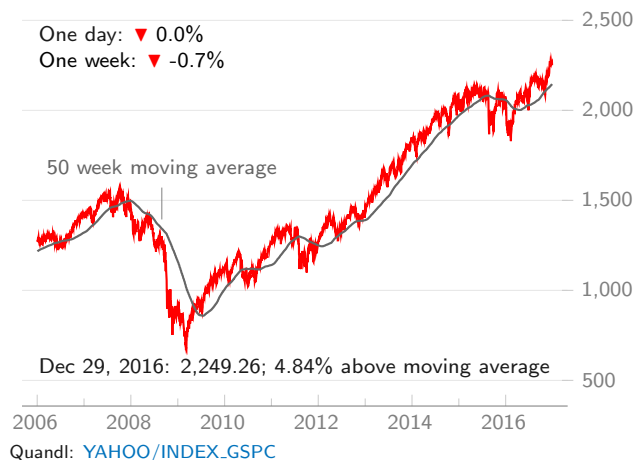


■ Labor share of output (index, 2005=100)



## Equity Markets

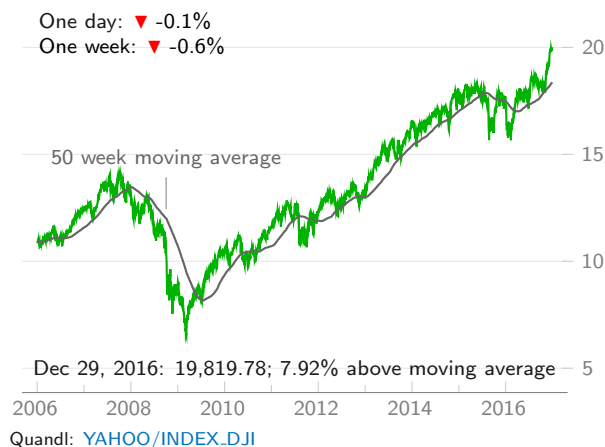
### S&P 500



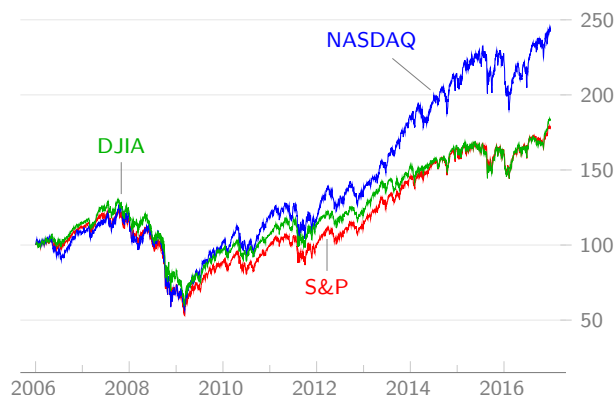
### NASDAQ Composite Index



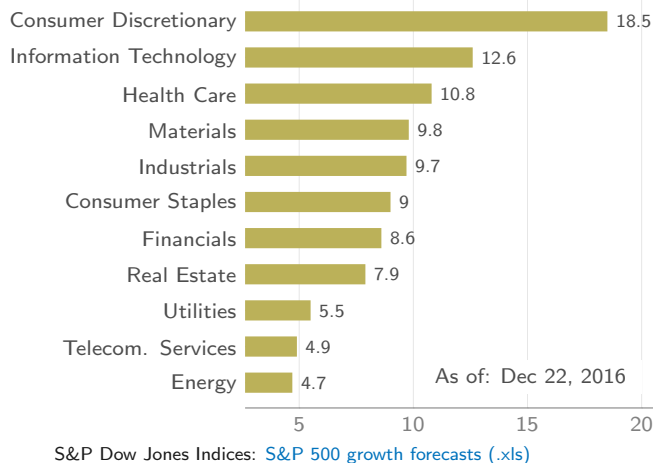
### Dow Jones Industrial Average (thousands)



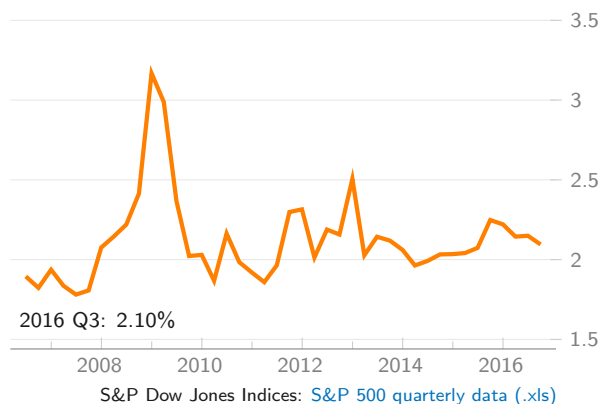
### ...combined and indexed (2006=100)



### S&P 500 five-year growth forecast by sector

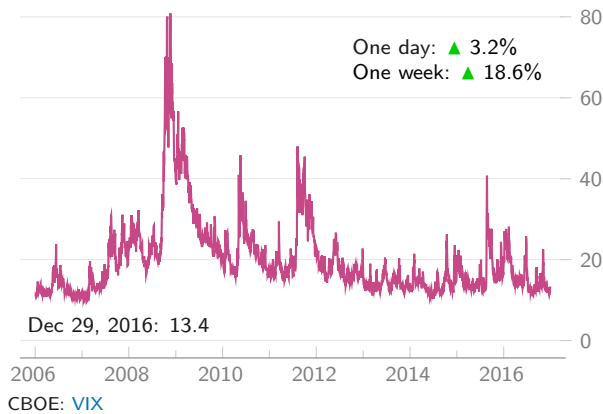


### S&P 500 dividend yield (percent)

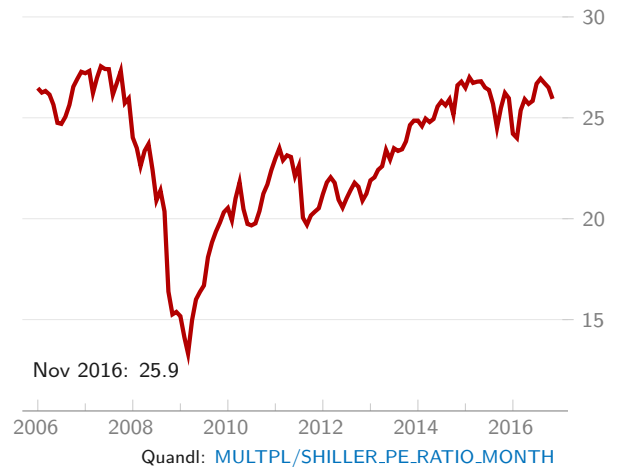


## Macro and Markets Dashboard: United States

■ CBOE volatility index (VIX)

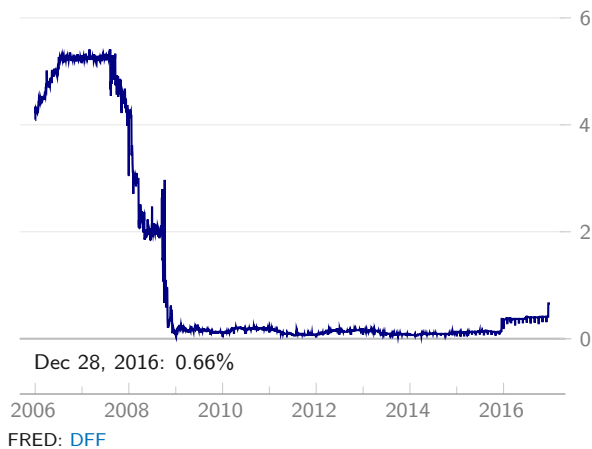


■ Shiller index of price to earnings ratios



## Money and Interest Rates

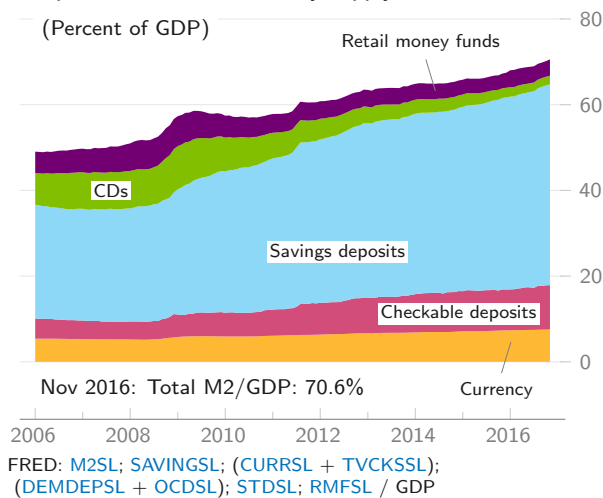
■ Effective fed funds rate



■ Fed excess reserves of depository corporations (USD billion)



■ Components of the M2 money supply (Percent of GDP)

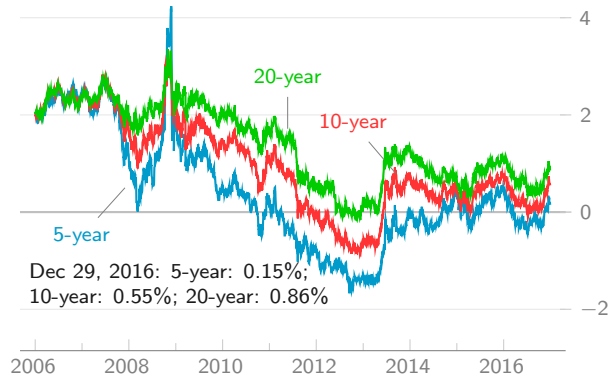


■ Average rate of return on M2



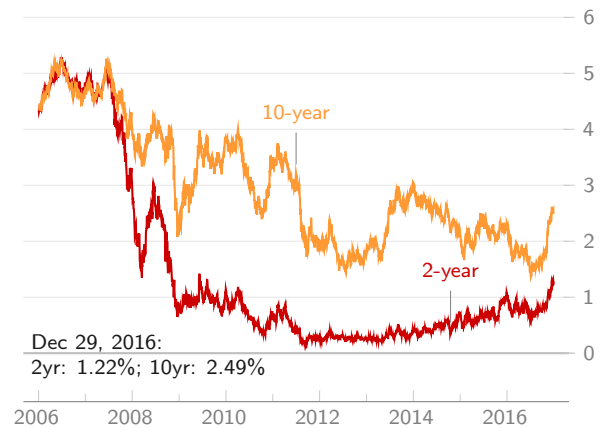
## Macro and Markets Dashboard: United States

■ Treasury bond real yield by maturity



Quandl: [USTREASURY/REALYIELD](#)

■ 2- and 10-year treasury constant maturity rates



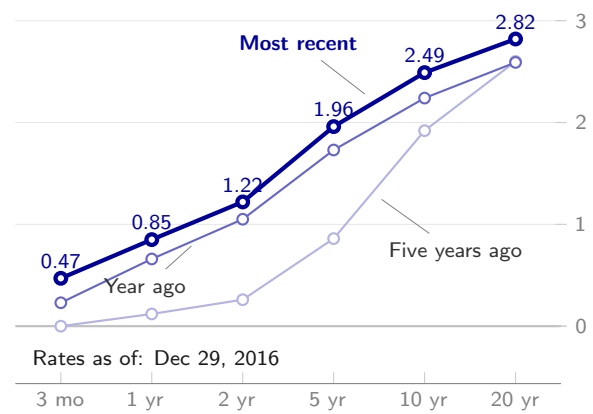
Quandl: [USTREASURY/YIELD](#)

■ Treasury yield spreads



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

■ Treasury bill and bond yield curve



Quandl: [USTREASURY/YIELD](#)

■ Corporate bonds AAA (effective yield)



FRED: [BAMLCOA1CAAAY](#)

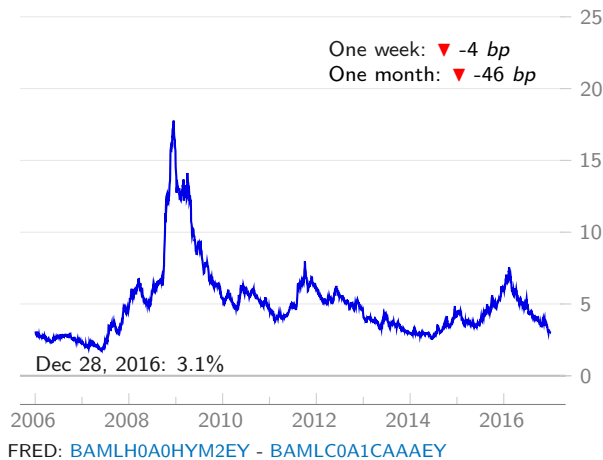
■ Corporate bonds high yield (effective yield)



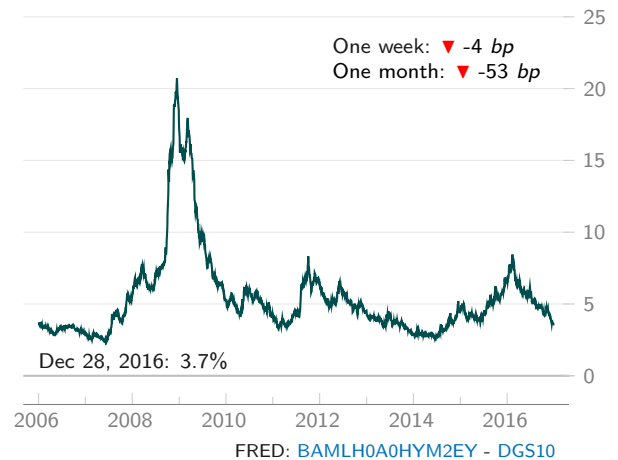
FRED: [BAMLH0A0HYM2EY](#)

## Macro and Markets Dashboard: United States

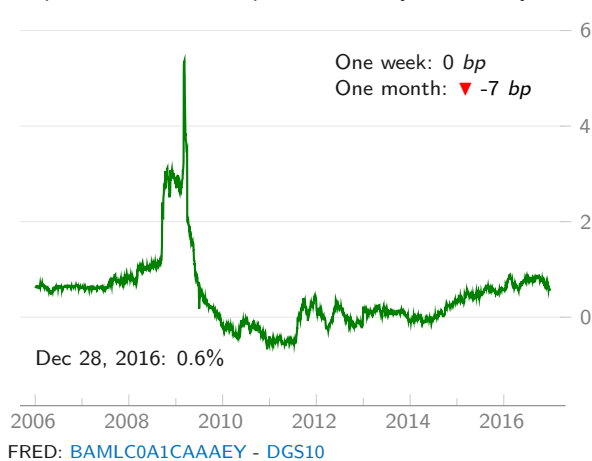
■ Corporate bonds high yield spread over AAA



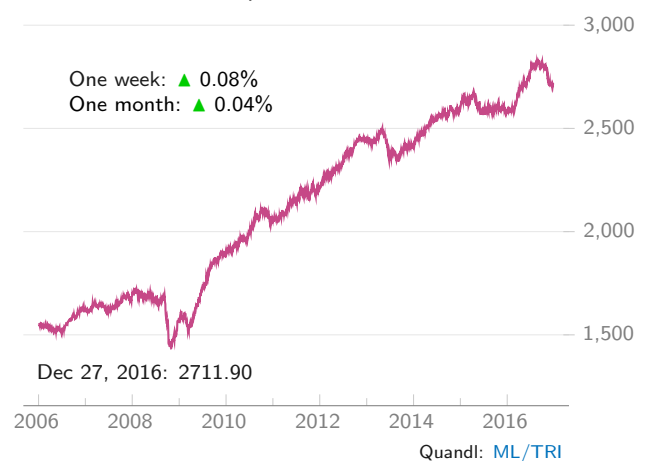
■ ... high yield spread over 10-year treasury



■ Corporate bonds AAA spread over 10-year treasury

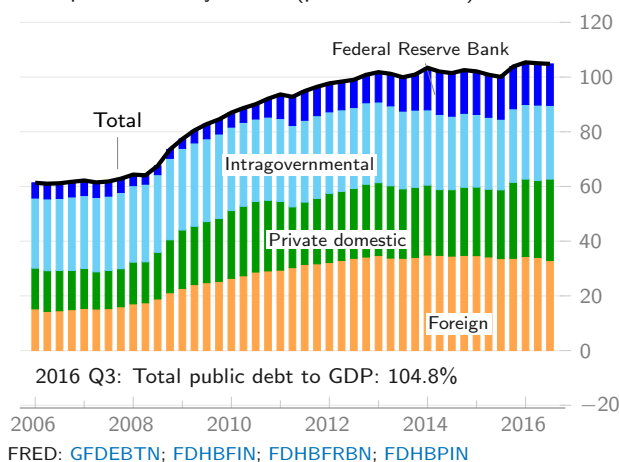


■ Corporate bonds total return index

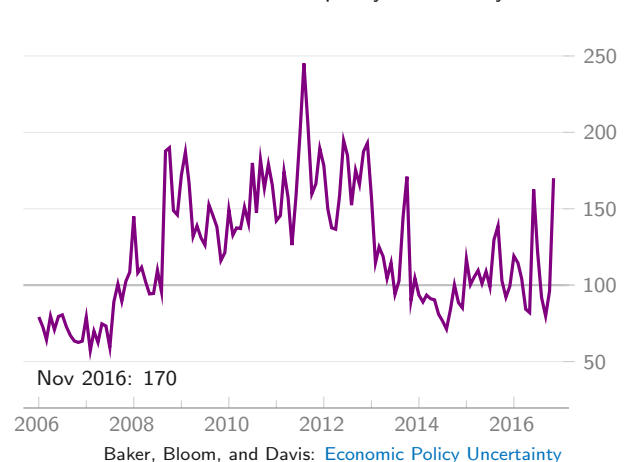


## Government and Policy

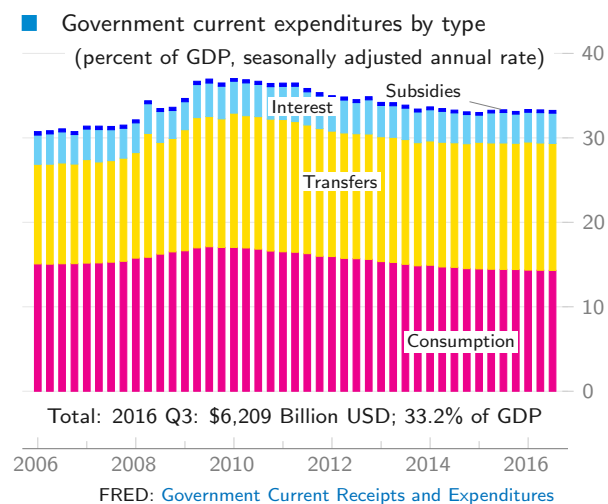
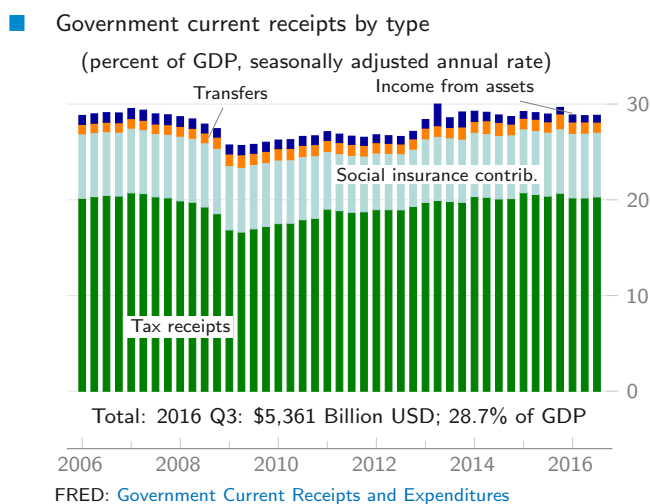
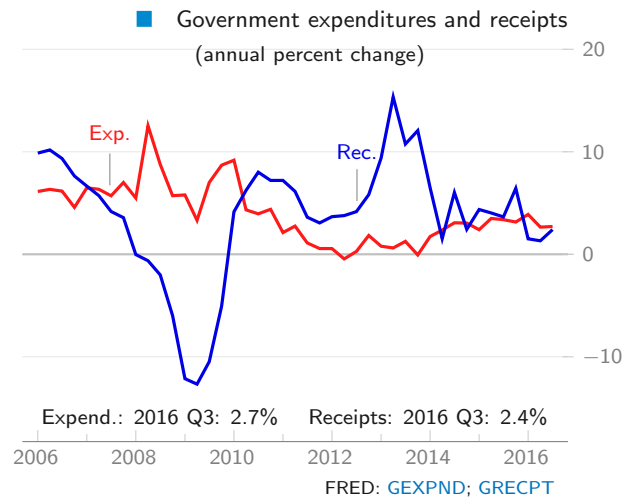
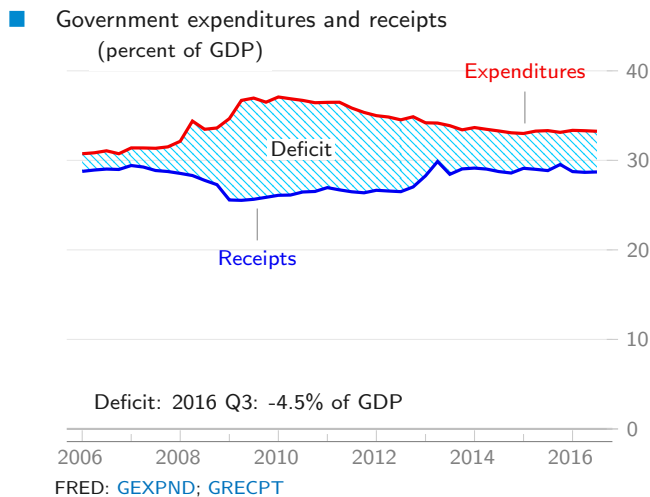
■ Total public debt by holder (percent of GDP)



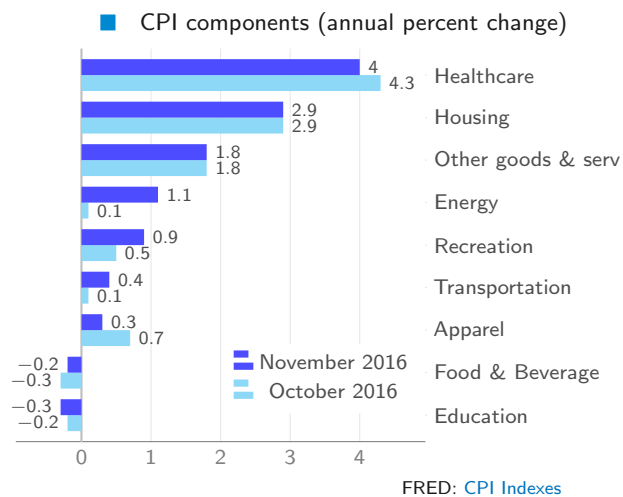
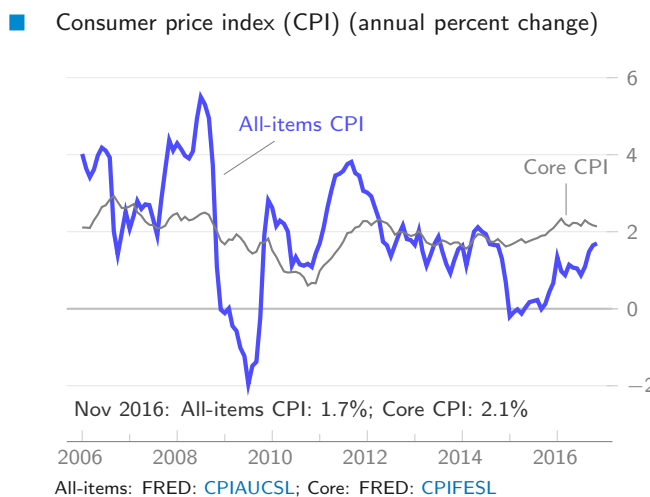
■ Economic policy uncertainty index



## Macro and Markets Dashboard: United States



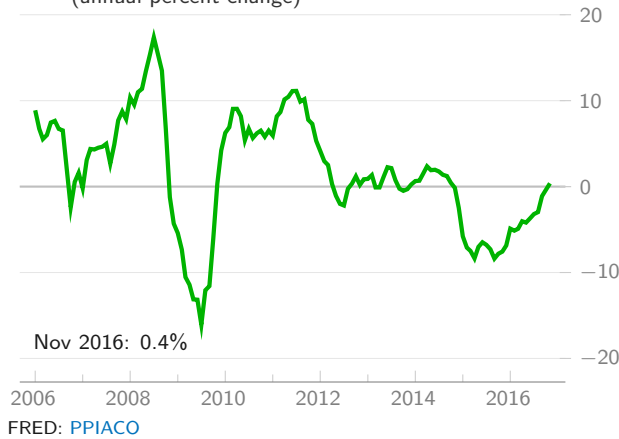
## Prices



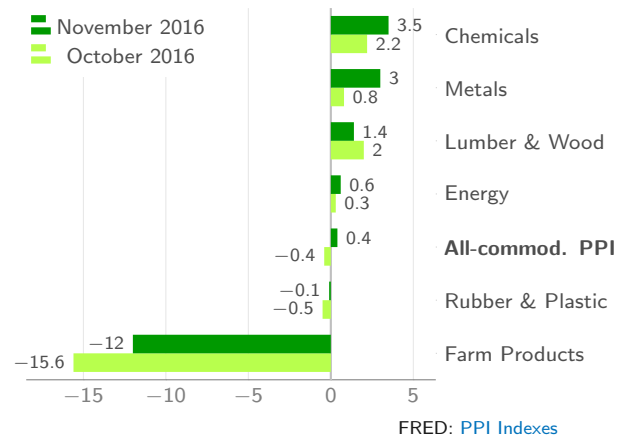


## Macro and Markets Dashboard: United States

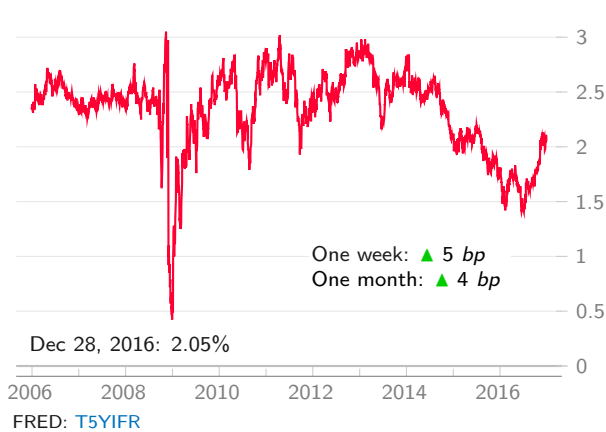
■ Producer price index, all commodities (PPIACO)  
(annual percent change)



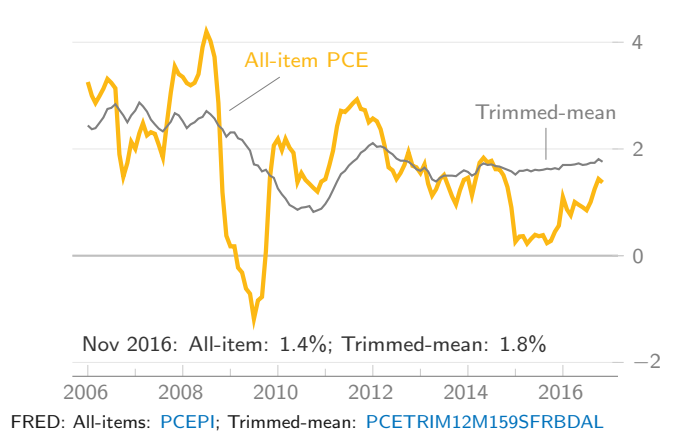
■ PPIACO selected components (annual percent change)



■ 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)

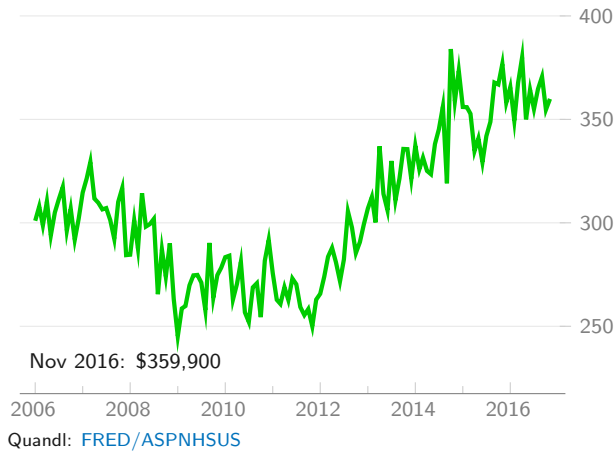


■ PPI growth: metals (annual percent change)

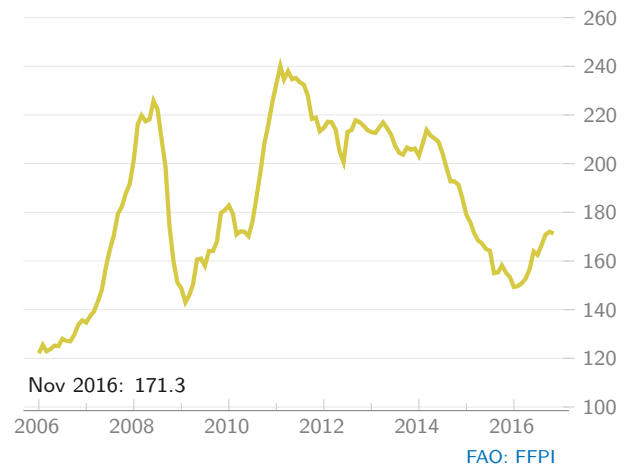


## Macro and Markets Dashboard: United States

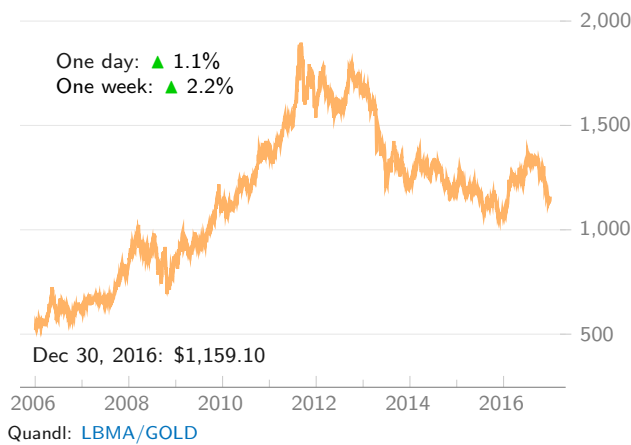
■ Average sales price for new houses (thousands of USD)



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



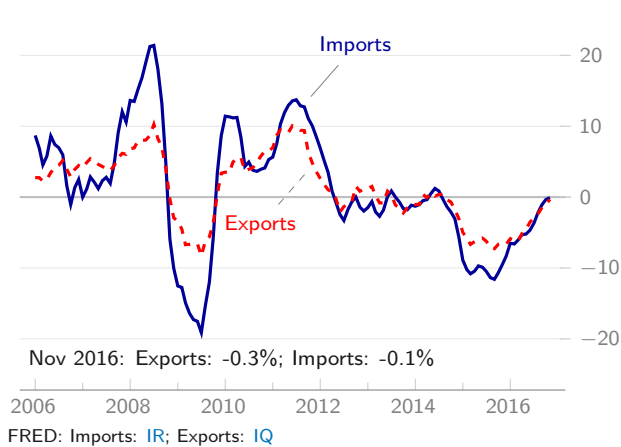
■ Gold price (USD per ounce)



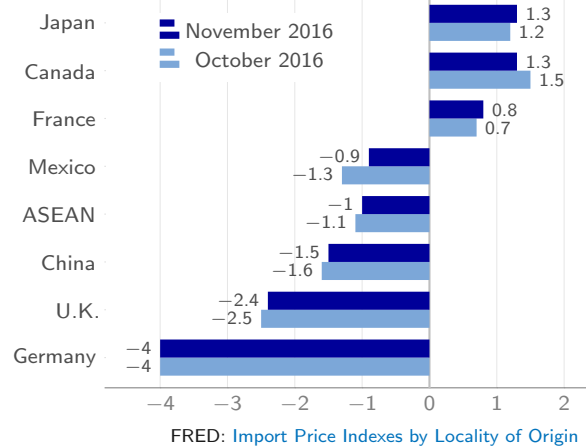
■ Silver price (USD per ounce)



■ Export and import prices (annual percent change)

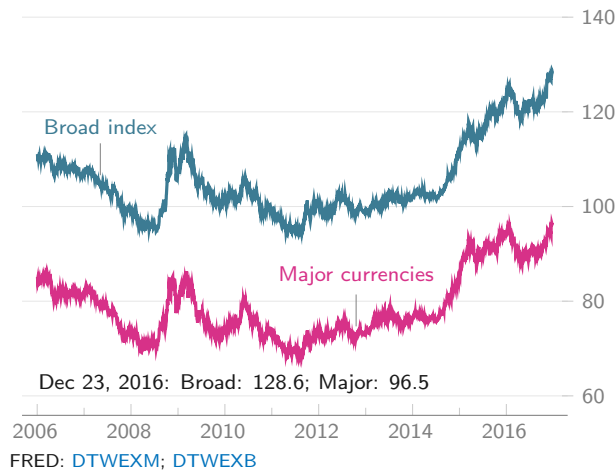


■ Import prices by locality of origin (annual percent change)

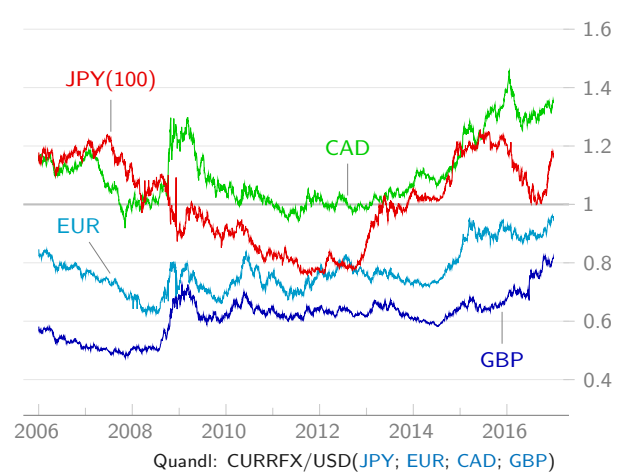


## Trade and External Sector Indicators

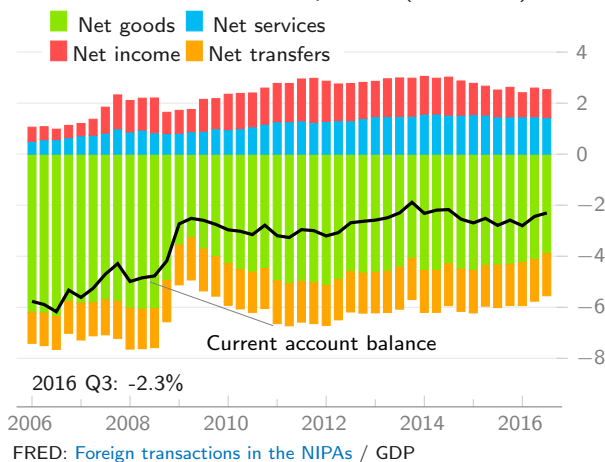
Trade weighted dollar indices (1973=100)



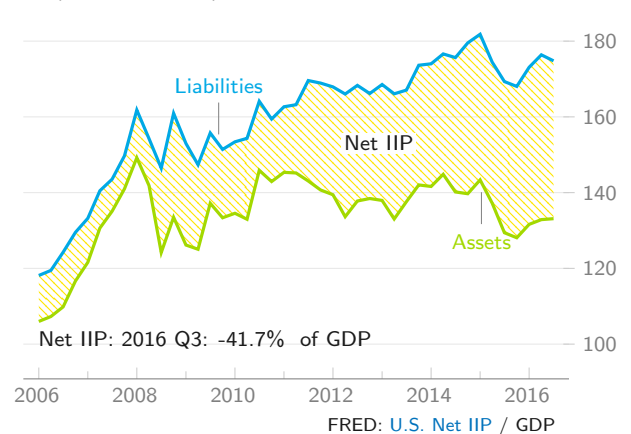
Indirect exchange rates (USD-CUR)



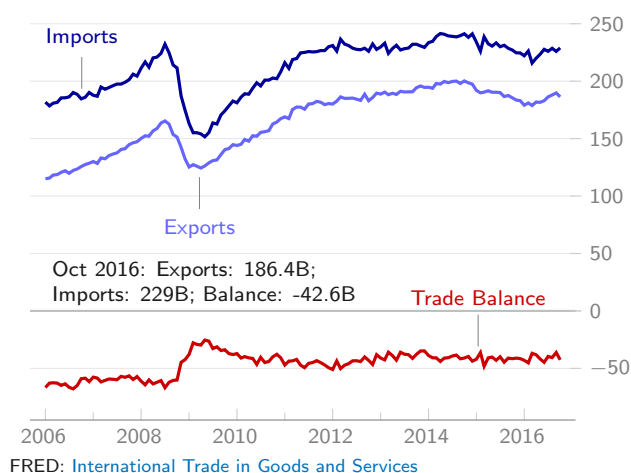
Current account balance components (% of GDP)



Net international investment position (% of GDP) (percent of GDP)



Imports, Exports, and Trade Balance (USD billion)

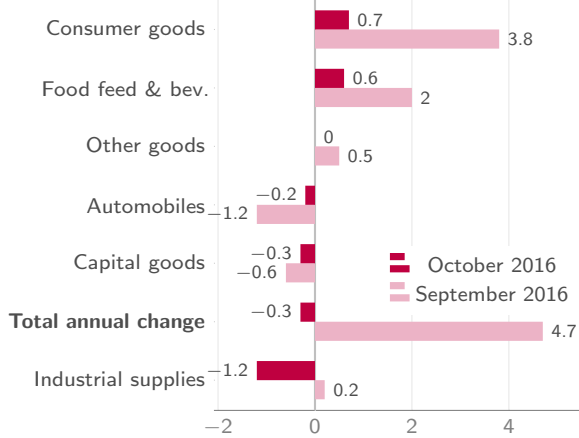


Trade balance (percent of GDP)



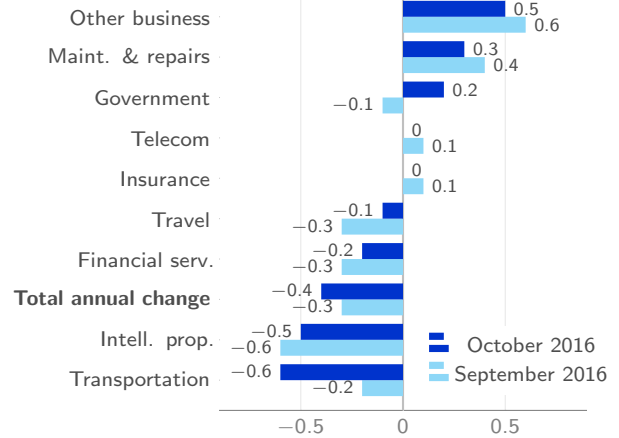
## Macro and Markets Dashboard: United States

### Net exports of goods (annual percent change)



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

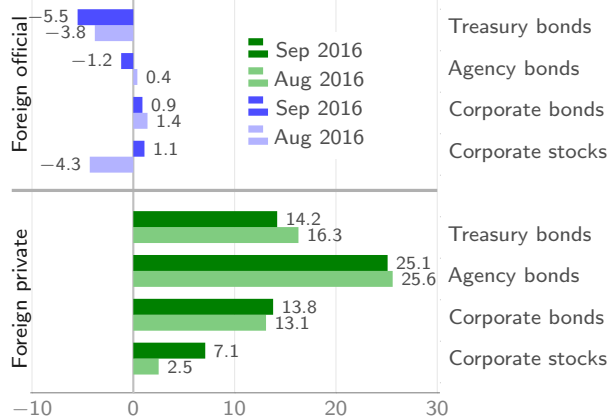
### Net exports of services (annual percent change)



FRED: U.S. International Trade in Services by Major Category

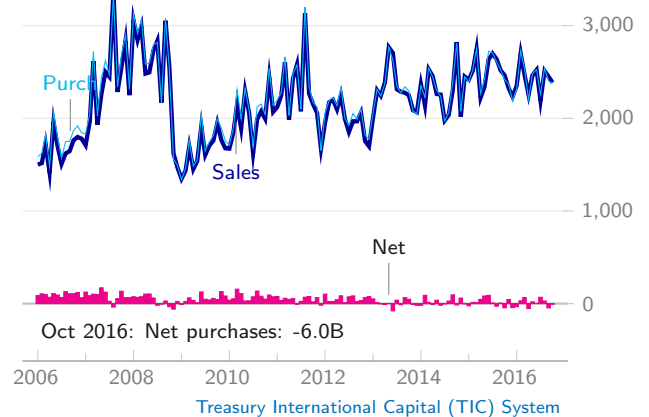
## Capital Flows

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

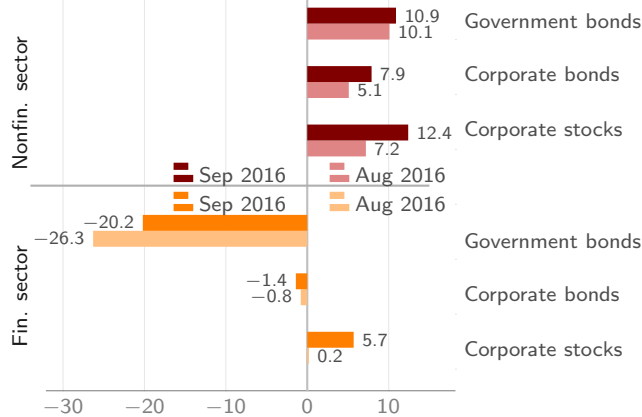


Treasury International Capital (TIC) System

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

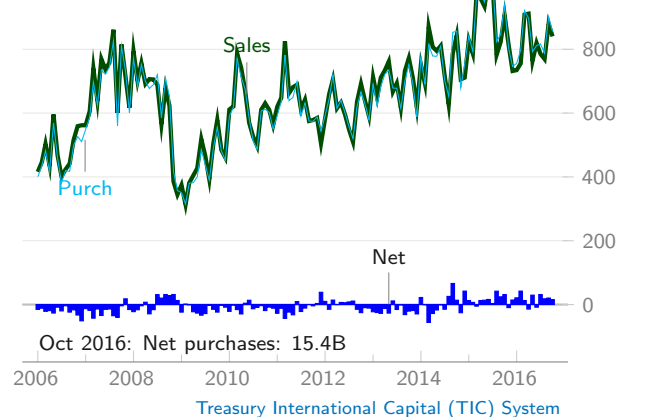


### U.S. holdings of foreign securities (annual % change)






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 <sup>1</sup>	1 day % ch.	1 week % ch.	1 month % ch.	1 year % ch.	1 year high	1 year low	Updated:
 <b>EUR</b>	0.946	▲ 0.03	▼ -1.14	▲ 0.19	▲ 3.10	0.962	0.867	2016-12-30
 <b>GBP</b>	0.813	▼ -0.05	▼ -0.07	▲ 1.78	▲ 13.32	0.822	0.671	2016-12-30
 <b>JPY</b>	116.430	▲ 0.08	▼ -0.76	▲ 1.50	▼ -0.97	121.340	99.988	2016-12-30
 <b>CAD</b>	1.348	▼ 0.00	▼ -0.38	▲ 0.40	▼ -3.37	1.458	1.253	2016-12-30
 <b>MXN</b>	20.716	▲ 0.03	▲ 0.75	▲ 0.74	▲ 11.88	20.797	17.178	2016-12-30
 <b>AUD</b>	1.382	▼ -0.02	▼ -0.77	▲ 2.06	▼ -4.62	1.454	1.281	2016-12-30
 <b>CNY</b>	6.955	▼ -0.01	▲ 0.12	▲ 0.89	▲ 5.55	6.957	6.439	2016-12-29
 <b>CHF</b>	1.018	▲ 0.03	▼ -0.82	▲ 0.07	▲ 1.42	1.030	0.953	2016-12-30
 <b>NZD</b>	1.434	▼ -0.05	▼ -1.34	▲ 1.49	▼ -8.93	1.562	1.341	2016-12-30
 <b>SEK</b>	9.077	▲ 0.11	▼ -1.37	▼ -1.66	▲ 6.00	9.404	7.965	2016-12-30
 <b>NOK</b>	8.603	▲ 0.17	▼ -1.03	▲ 0.96	▼ -2.42	8.894	7.971	2016-12-30
 <b>DKK</b>	7.043	▲ 0.15	▼ -0.71	▲ 0.26	▲ 2.89	7.155	6.455	2016-12-30
 <b>RUB</b>	60.387	▼ -0.21	▼ -0.87	▼ -7.78	▼ -31.42	82.900	60.387	2016-12-29
 <b>HKD</b>	7.755	▼ 0.00	▼ -0.04	▼ -0.01	▼ -0.86	7.822	7.753	2016-12-30
 <b>SGD</b>	1.446	▼ -0.03	▲ 0.05	▲ 0.79	▲ 0.62	1.450	1.337	2016-12-30
 <b>TRY</b>	3.514	▼ -0.02	▼ -0.06	▲ 2.22	▲ 13.57	3.538	2.796	2016-12-30
 <b>KRW</b>	1204.400	▼ -0.03	▲ 0.46	▲ 2.30	▼ -0.11	1241.130	1090.050	2016-12-30
 <b>ZAR</b>	13.582	▲ 0.05	▼ -3.09	▼ -3.76	▼ -23.21	16.839	13.222	2016-12-30
 <b>BRL</b>	3.253	▼ -0.95	▼ -1.02	▼ -6.19	▼ -21.38	4.154	3.112	2016-12-29
 <b>INR</b>	67.930	▼ -0.40	▲ 0.14	▼ -0.99	▲ 0.32	68.805	66.133	2016-12-29
 <b>ILS</b>	3.833	▲ 0.08	▲ 0.50	▼ -0.08	▼ -3.39	3.975	3.738	2016-12-30
 <b>EGP</b>	18.000	▼ -3.61	▼ -4.44	▲ 0.28	▲ 57.34	19.620	7.652	2016-12-29
 <b>IDR</b>	13458.000	▲ 0.15	▲ 0.07	▼ -0.83	▼ -3.47	13973.000	12770.000	2016-12-29
 <b>THB</b>	35.860	▼ -0.03	▼ -0.28	▲ 0.47	▼ -1.20	36.289	34.196	2016-12-30
 <b>MYR</b>	4.483	▲ 0.07	▲ 0.16	▲ 0.29	▲ 1.87	4.483	3.835	2016-12-29
 <b>ARS</b>	15.902	▲ 1.28	▲ 1.21	▲ 2.28	▲ 15.01	16.019	13.158	2016-12-29
 <b>COP</b>	3000.000	▼ -0.80	▲ 0.17	▼ -5.50	▼ -8.55	3414.000	33.400	2016-12-29
 <b>CLP</b>	667.500	▼ -0.87	▼ -1.38	▼ -0.70	▼ -9.35	732.000	642.000	2016-12-29

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

<sup>1</sup> The number of units of foreign currency required to purchase one U.S. dollar.

► Contact: **Brian Dew** |  [brianwdew@gmail.com](mailto:brianwdew@gmail.com) |  [briandew.wordpress.com](http://briandew.wordpress.com) |  [@bd\\_econ](https://twitter.com/bd_econ)