

Macro and Markets Dashboard: United States

Updated: May 31, 2017

Key Indicators


































			over prev.	as of:
  Real GDP	16.9T		1.2%	2017 Q1
  Unemp. rate	4.4%		-0.1	Apr 2017
  Inflation	2.2%		-0.2	Apr 2017
			one week	one mo.
  S&P 500	2,411.80		0.6%	1.0%
  DJIA	21,008.65		0.3%	0.5%
  NASDAQ	6,198.52		1.0%	1.8%
  VIX	10.41		-2.9%	3.0%
  2-yr t-bond	1.28%		-0.03	0.00
  10-yr t-bond	2.21%		-0.08	-0.12
  Crude oil	\$48.32		-6.1%	-1.1%
  USD index	92.41		0.0%	-1.6%

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

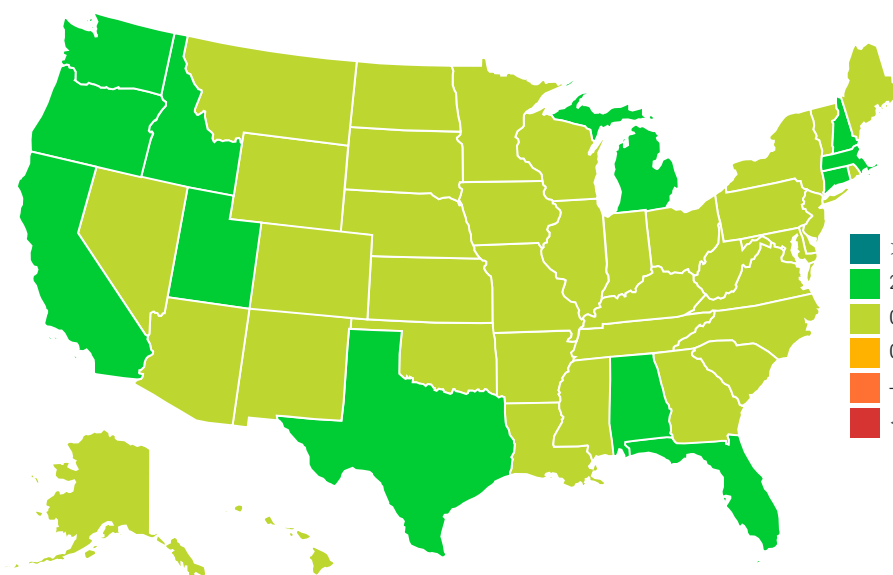
 bd-econ.com

 brianwdew@gmail.com

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

Chart of the week

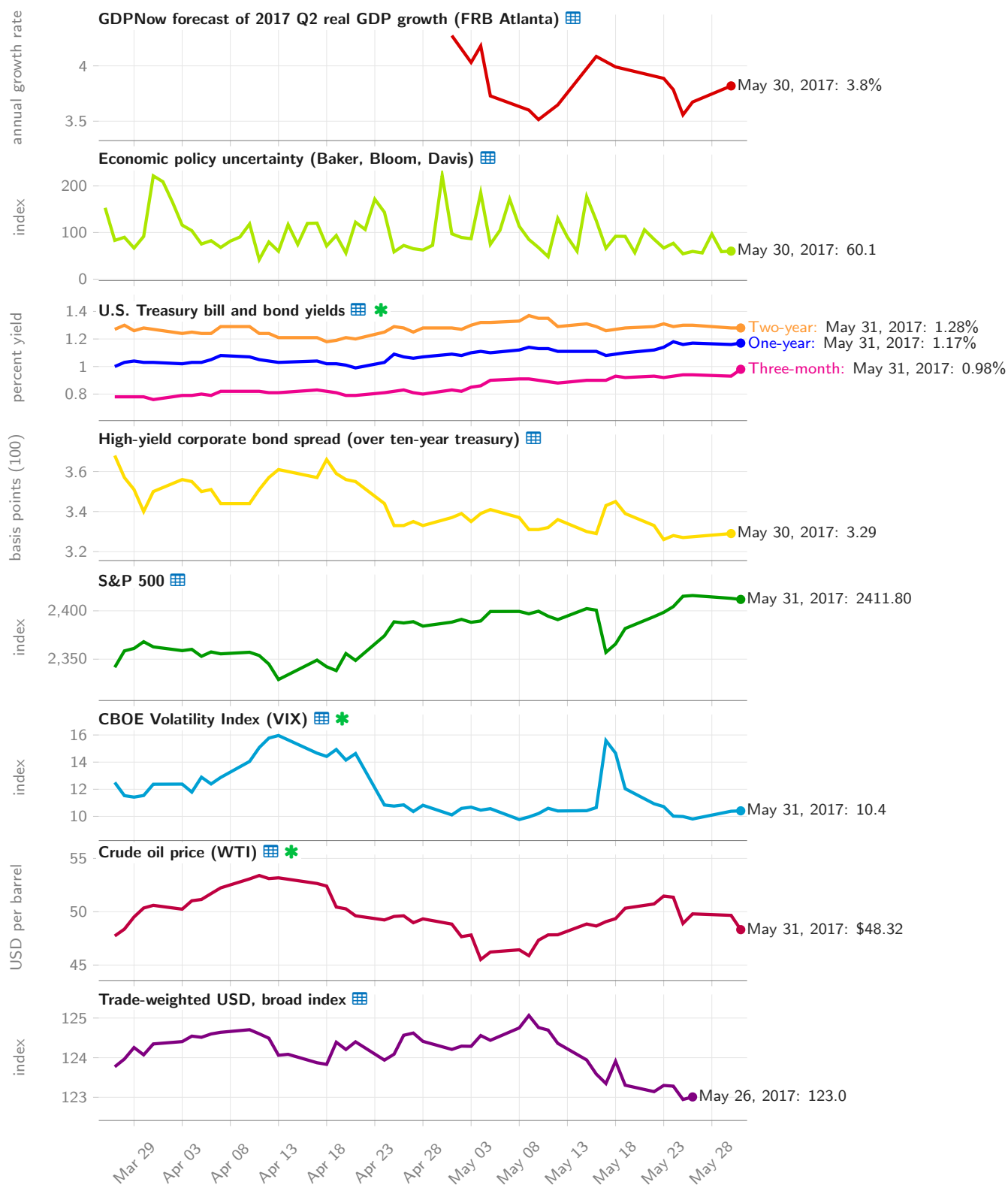
■ Real GDP growth by state in 2016 Q4 (change over previous quarter, annualized)



2016 fourth quarter GDP growth is moderate and relatively evenly distributed by state. Texas, Utah, Washington, and Florida grew most rapidly, with expansion of slightly more than three percent.

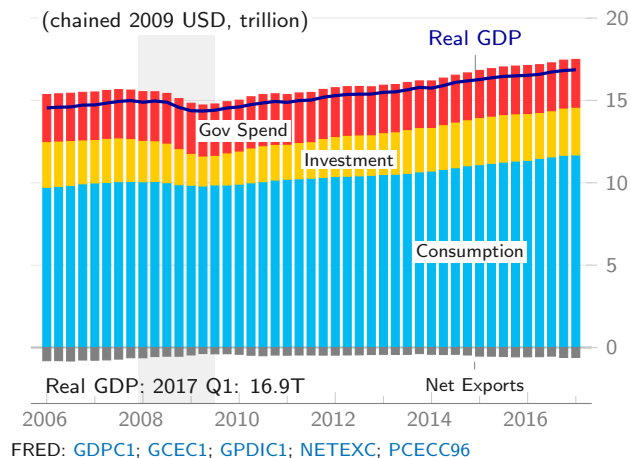
Source: U.S. Bureau of Economic Analysis (BEA), [Regional Economic Accounts: GDP by State](#)

High-frequency indicators

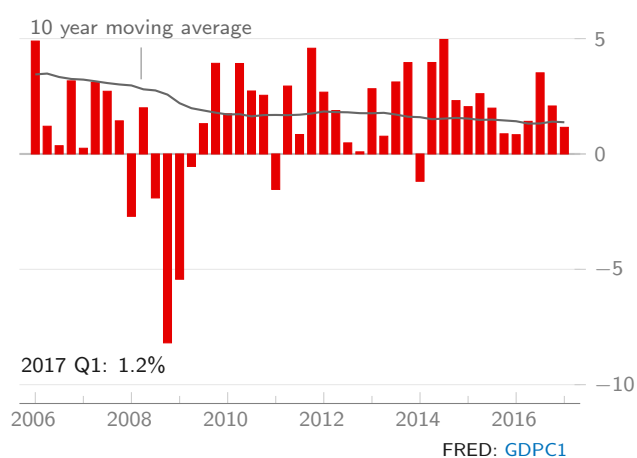


Macroeconomic Indicators: Overview

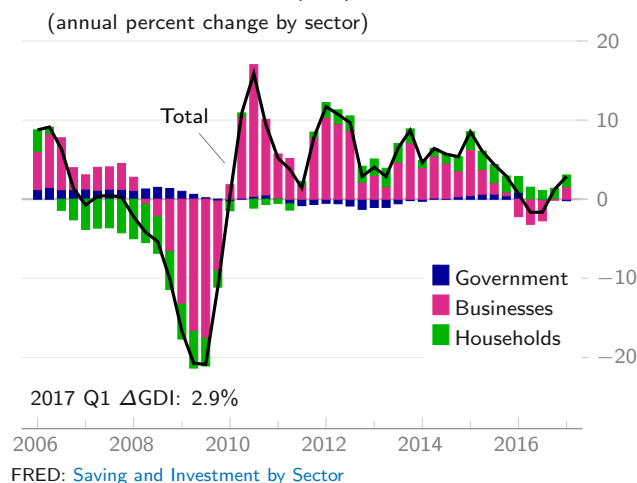
Components of real gross domestic product (GDP)



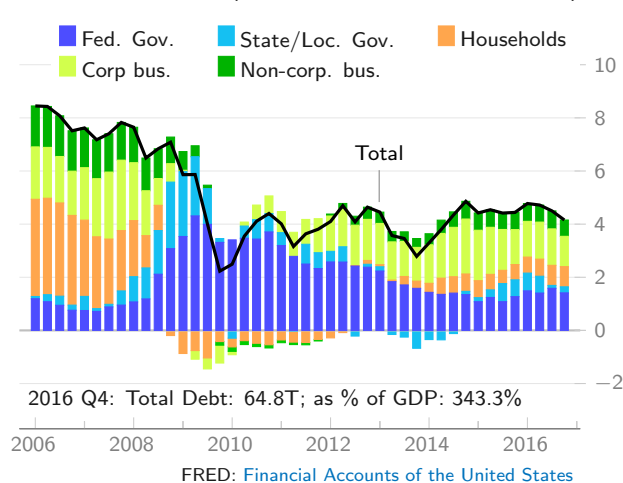
Real GDP growth (annual percent change) *



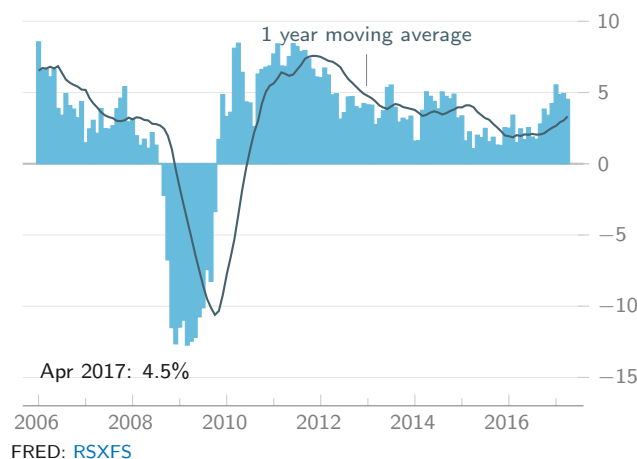
Gross domestic investment (GDI)



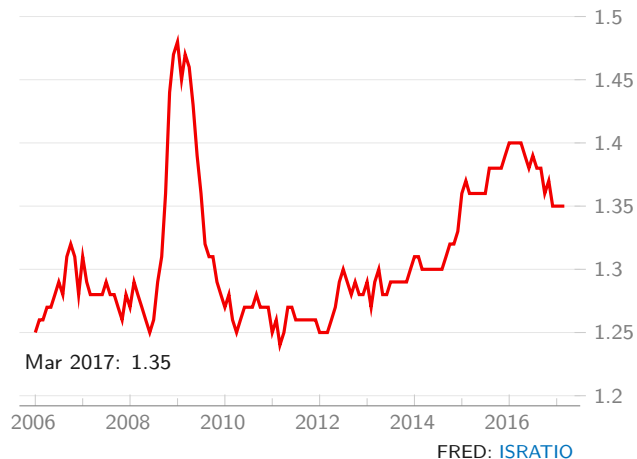
Liabilities (annual percent change by sector)



Retail sales excluding food (annual percent change) *



Inventories to sales ratio

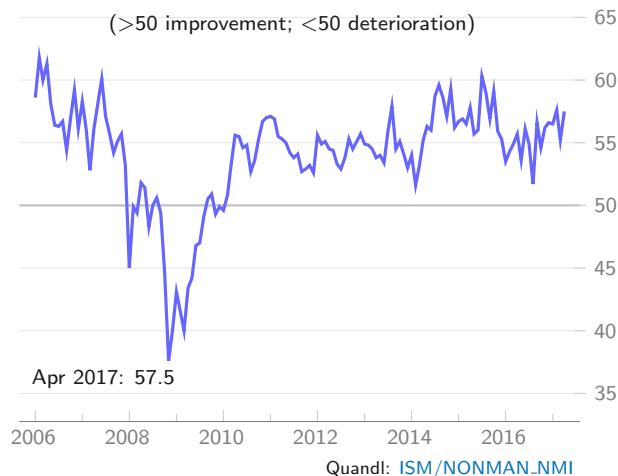


Macroeconomic Indicators: Businesses

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



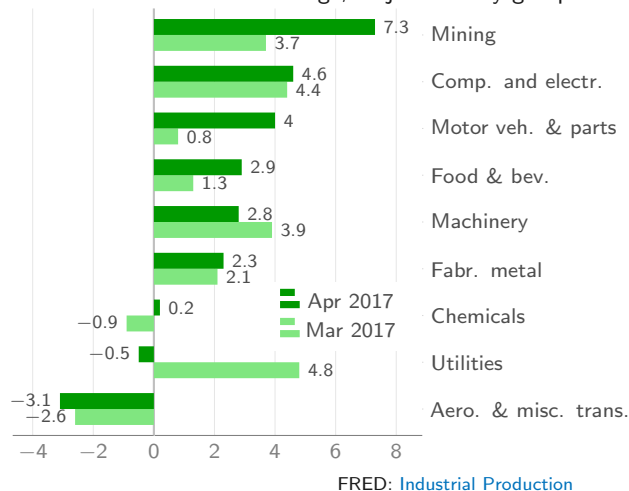
■ ISM non-manufacturing business activity index
(>50 improvement; <50 deterioration)



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



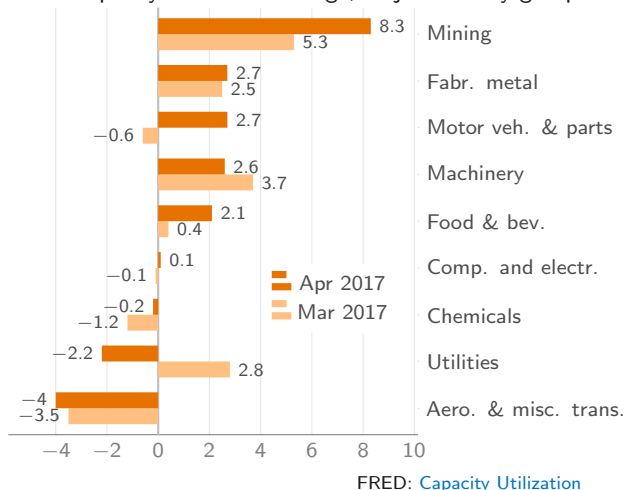
■ IP index change, major industry groups



■ Total capacity utilization (percent of capacity)



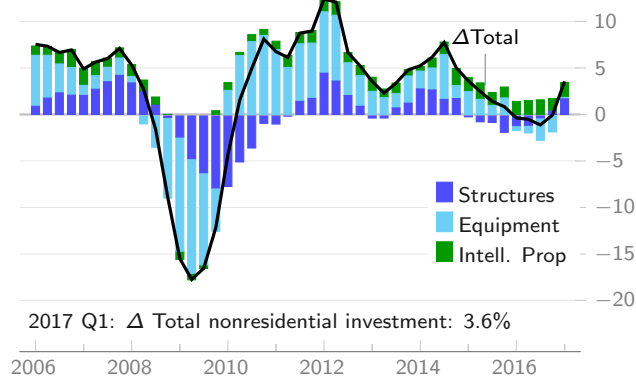
■ Capacity utilization change, major industry groups



Macro and Markets Dashboard: United States

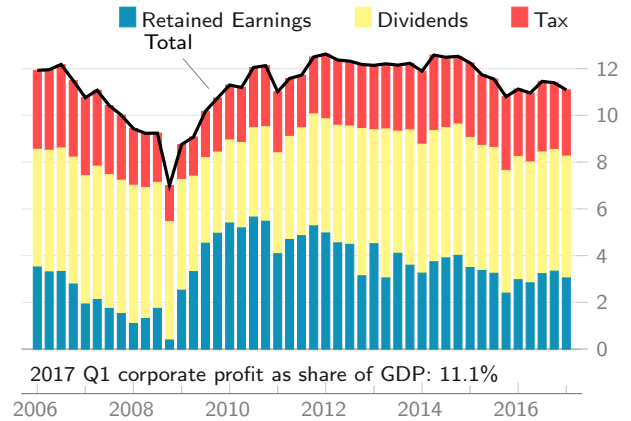
Real nonresidential fixed investment

(annual percent change by type)



FRED: Real Private Investment by Type

Destination of corporate profits (percent of GDP)



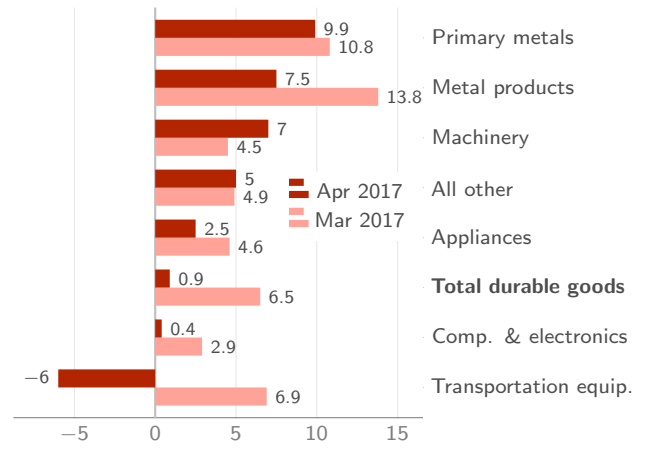
FRED: National Income by Type of Income

Durable goods new orders (annual percent change) *



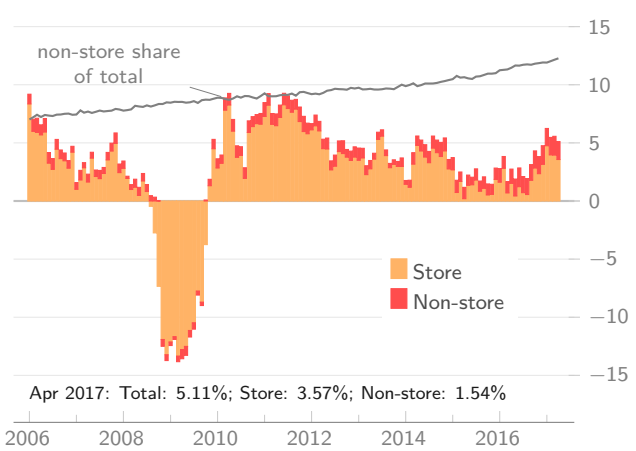
FRED: DGORDER

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; RSNRSR

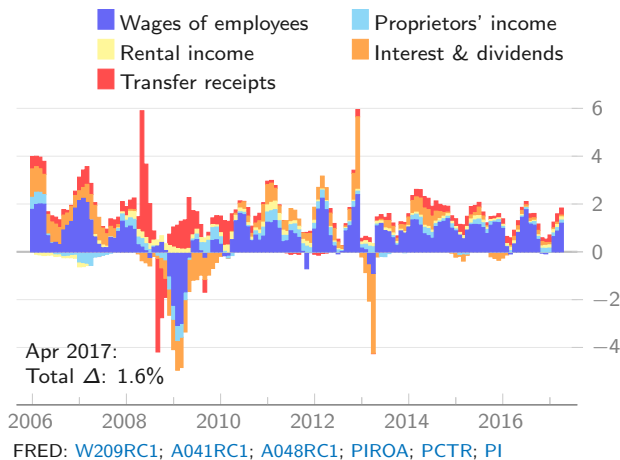
FRBSF tech pulse index (2000=100)



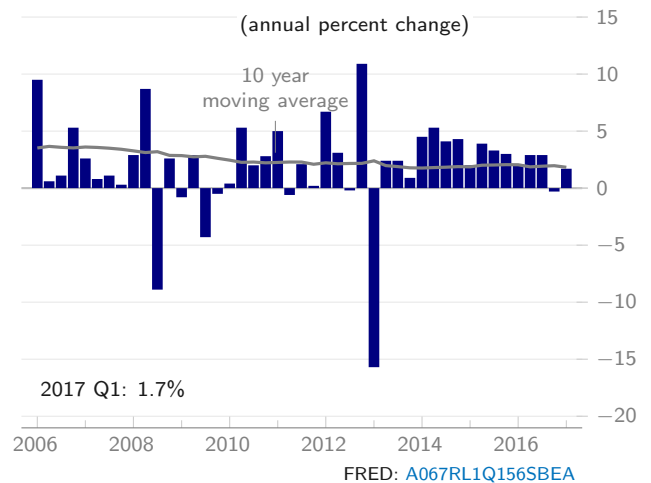
FRED: FTPINDM114SFRBSF

Macroeconomic Indicators: Households

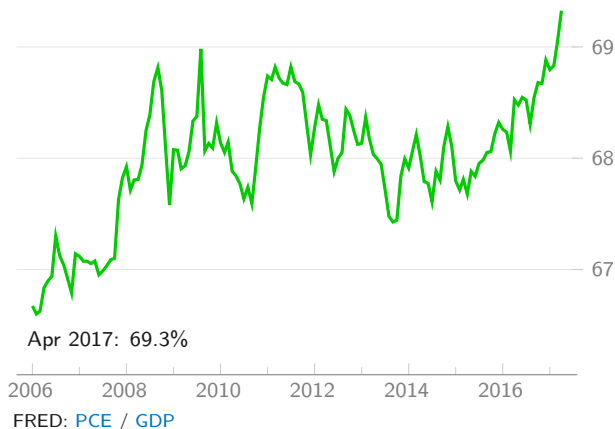
Personal income (annual percent change by type)



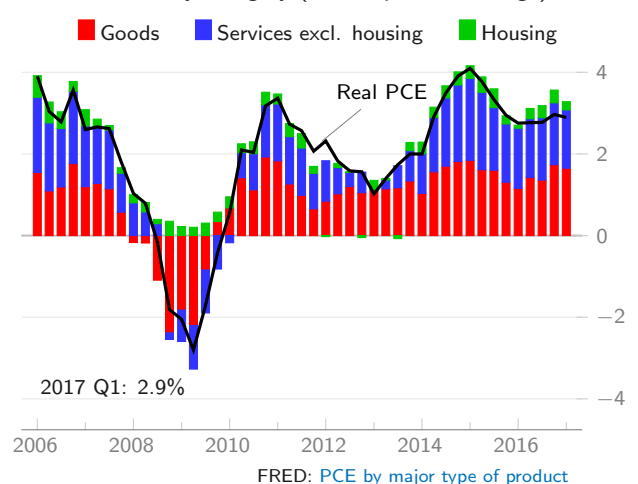
Real disposable personal income *



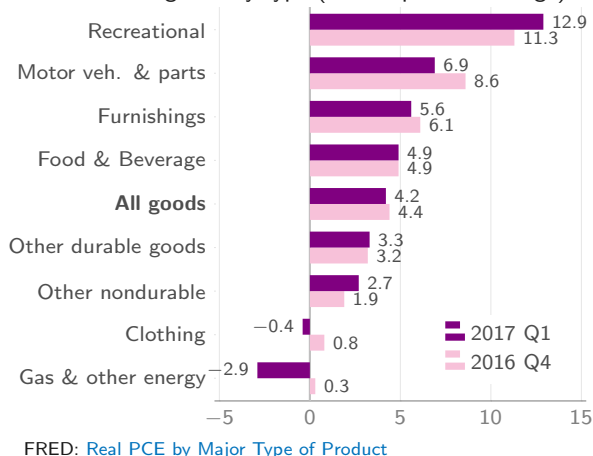
Personal consumption expenditure (PCE) (percent of GDP)



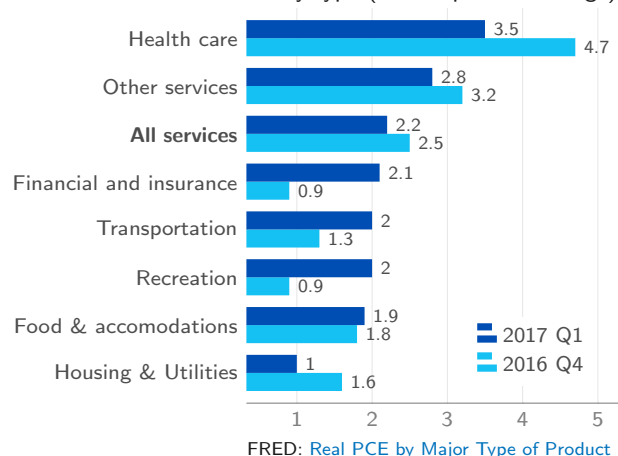
Real PCE by category (annual percent change) *



Real PCE on goods by type (annual percent change)

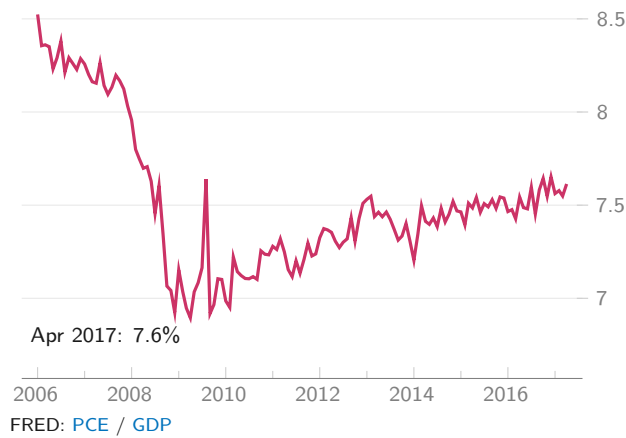


Real PCE on services by type (annual percent change)



Macro and Markets Dashboard: United States

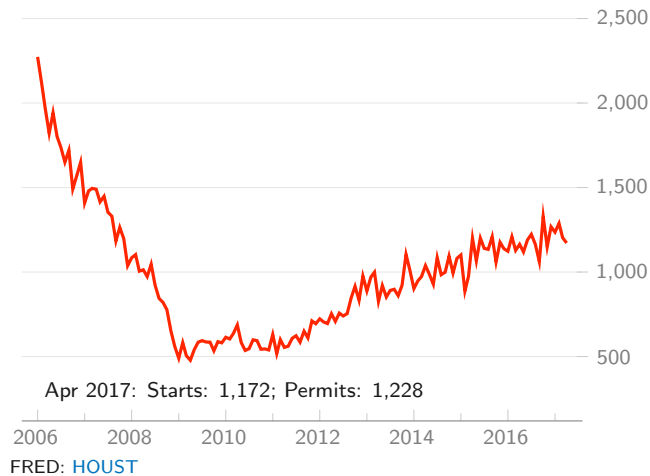
■ PCE on durable goods (percent of GDP) *



■ 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)

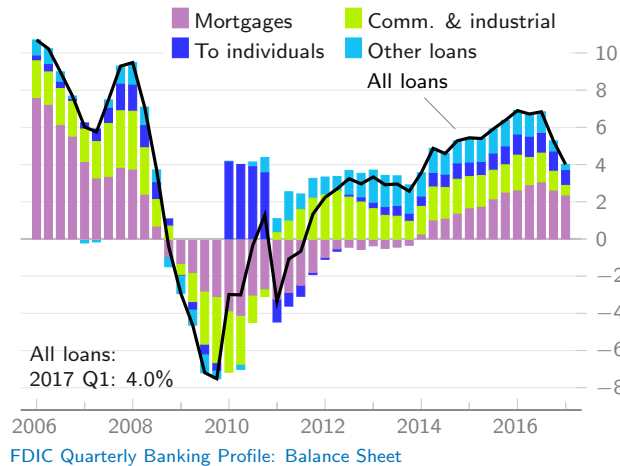


■ Net wealth as percent of gross disposable income
(households and nonprofits, annual percent change)

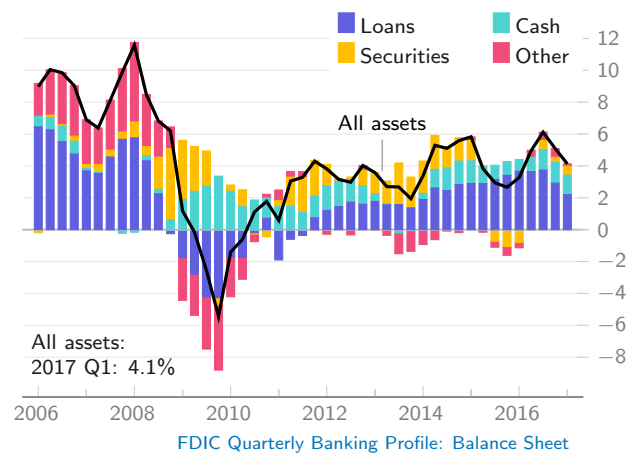


Depository Corporations

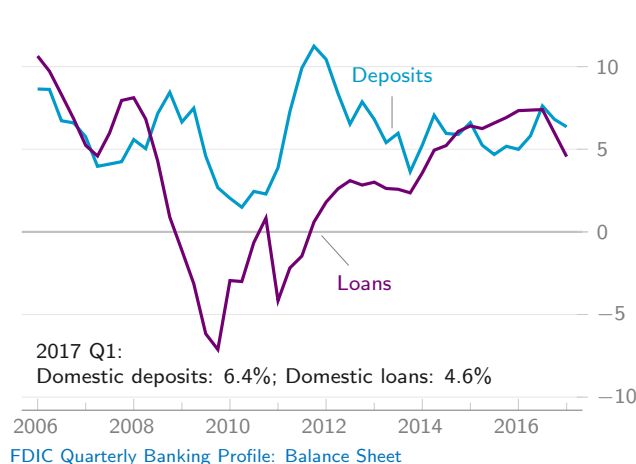
Value of bank loans by loan type (annual percent change)



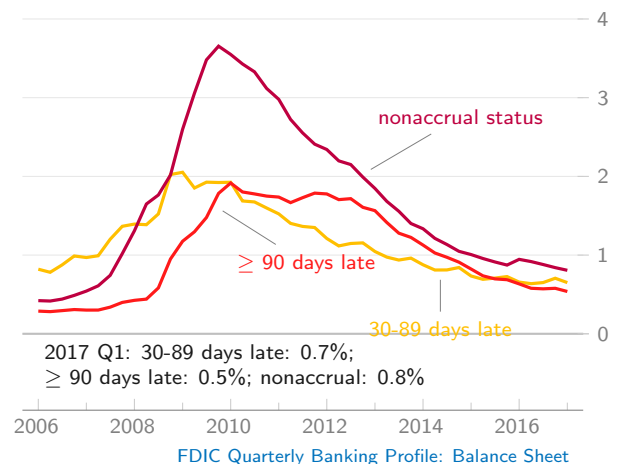
Bank assets by major type (annual percent change)



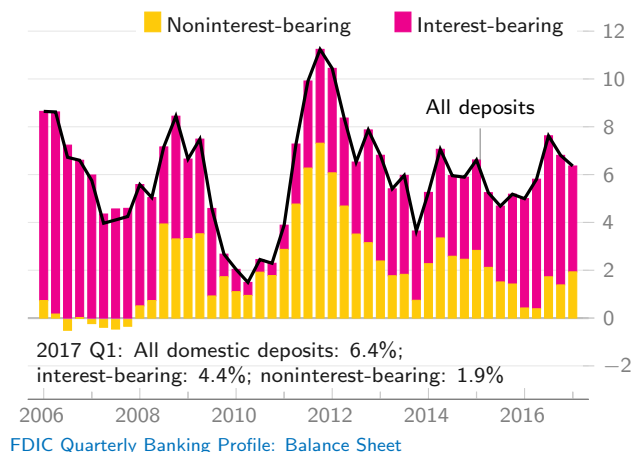
Domestic loans and deposits (annual percent change)



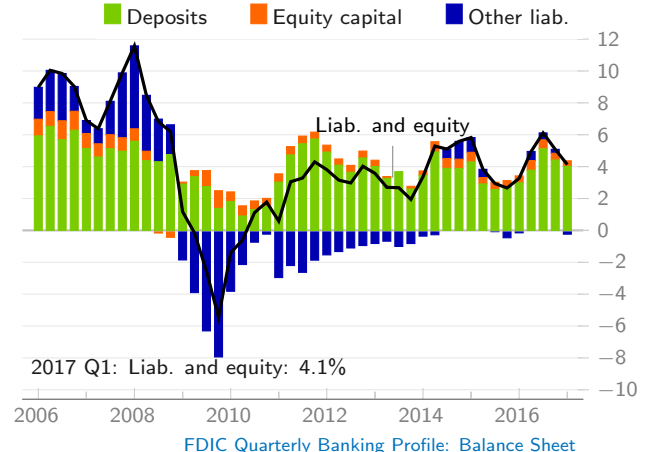
Noncurrent loans (share of total loans)



Domestic deposits (annual percent change)

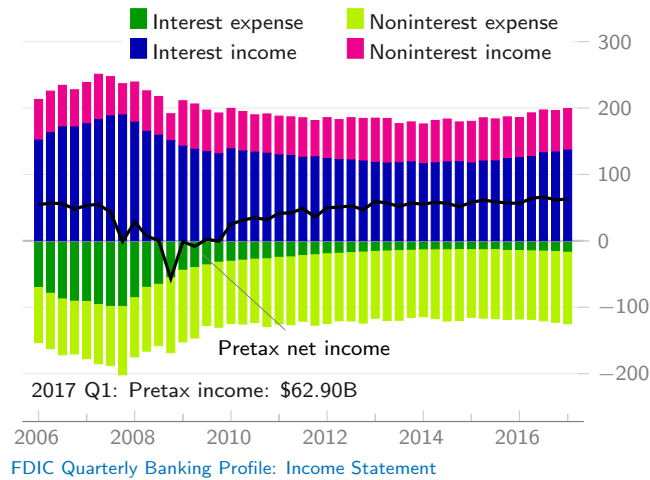


Bank liabilities and equity capital (annual % change)

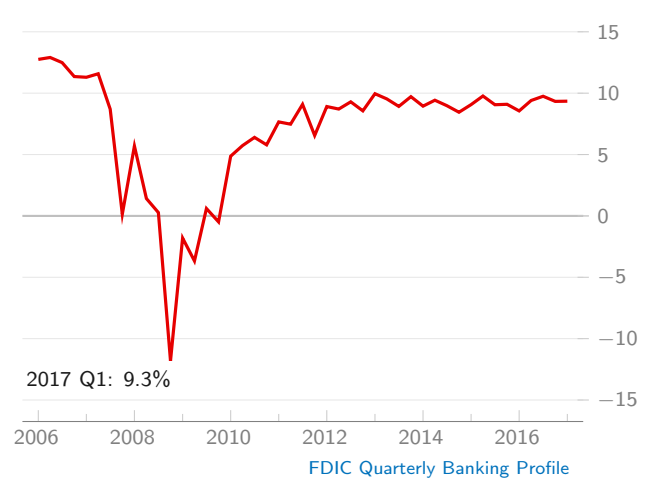


Macro and Markets Dashboard: United States

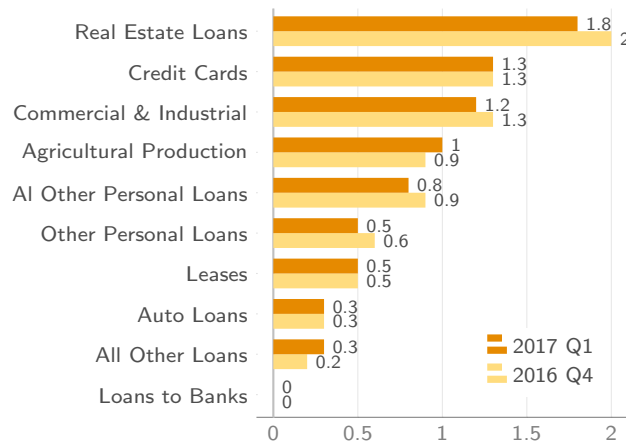
Bank income and expense (USD billions)



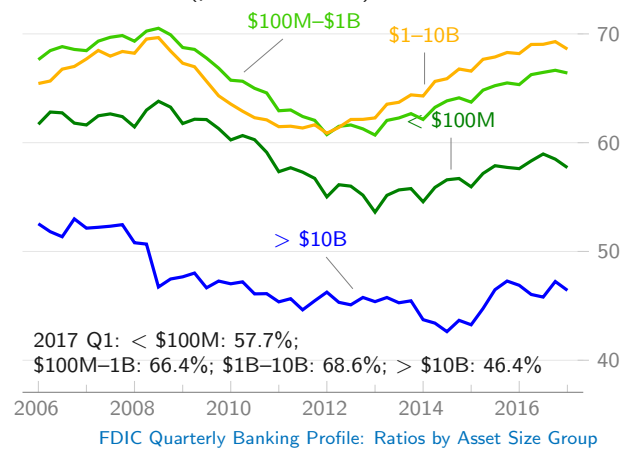
Bank return on equity (ROE)



Noncurrent rate by loan type *



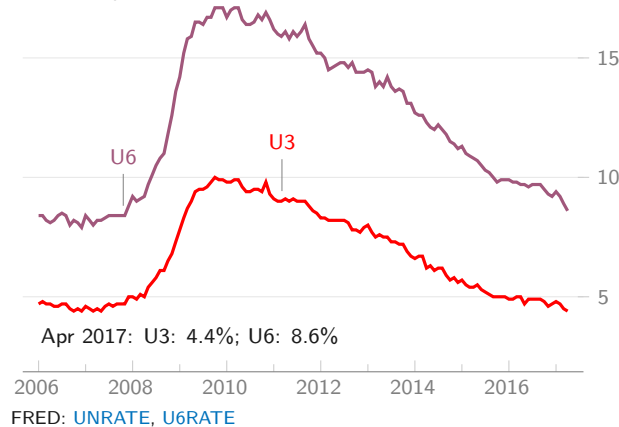
Loans to assets ratio by total bank assets (percent of loans)



Labor Markets

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

U6 rate includes discouraged workers and those part time for economic reasons

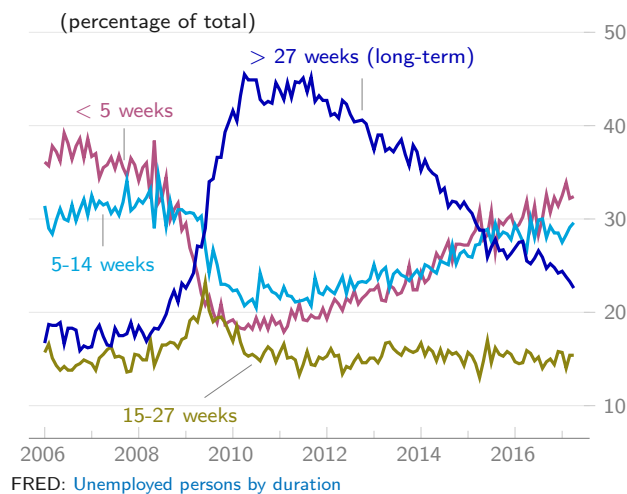


Labor force participation rate

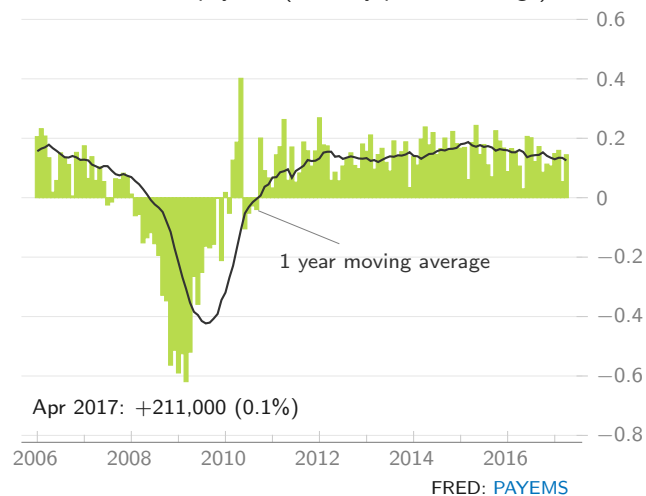


Macro and Markets Dashboard: United States

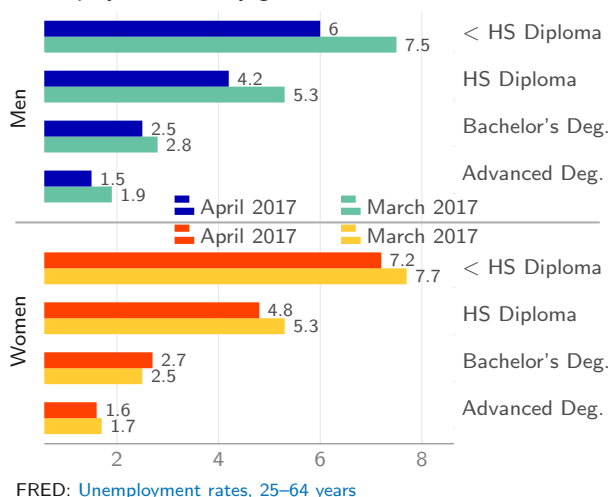
■ Share of unemployed by duration



■ Nonfarm payrolls (monthly percent change) *

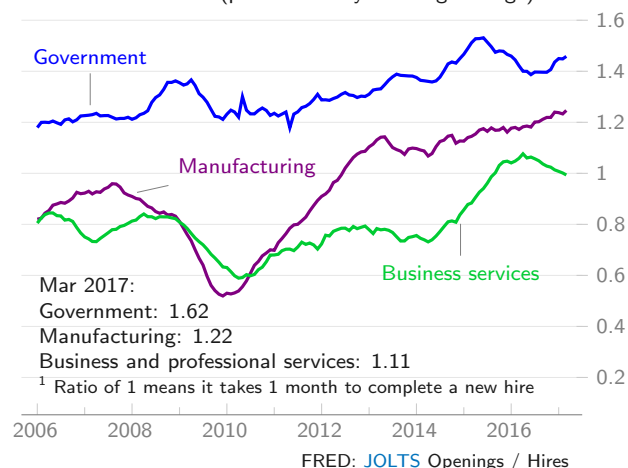


■ Unemployment rate by gender and education level

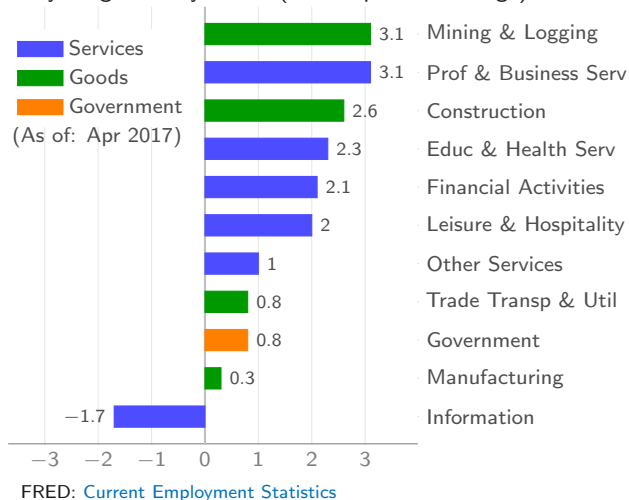


■ Job openings per hire, ratio by sector¹

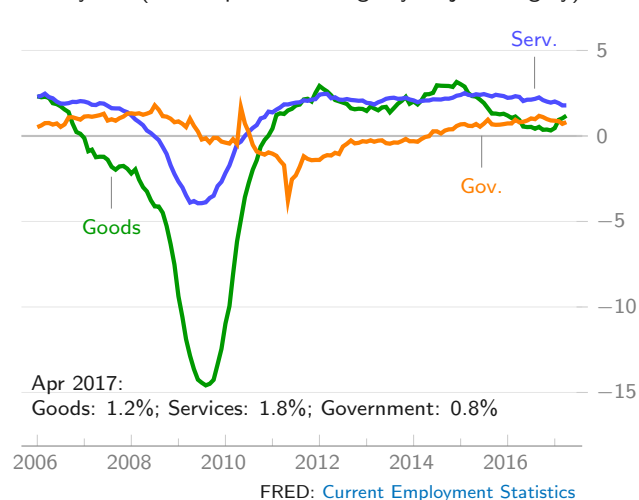
(plots show 1-yr moving average)



■ Payroll growth by sector (annual percent change)

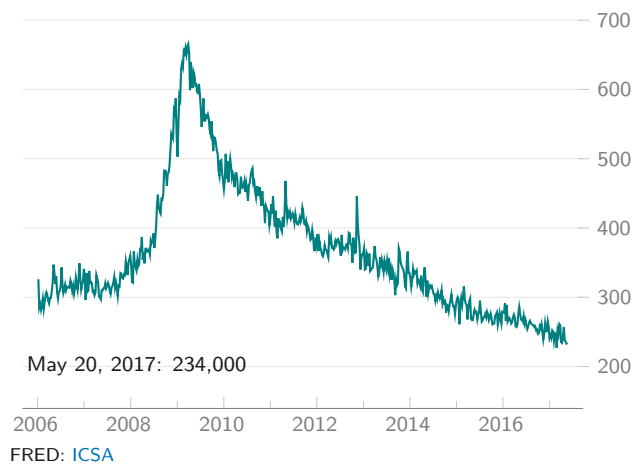


■ Payrolls (annual percent change by major category)



Macro and Markets Dashboard: United States

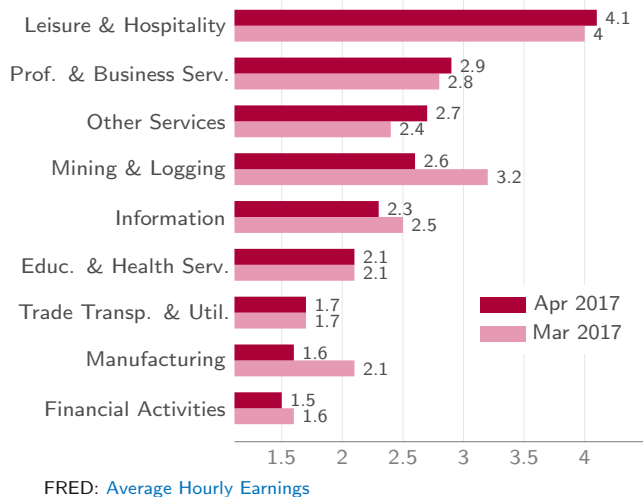
■ New jobless claims (weekly, thousands)



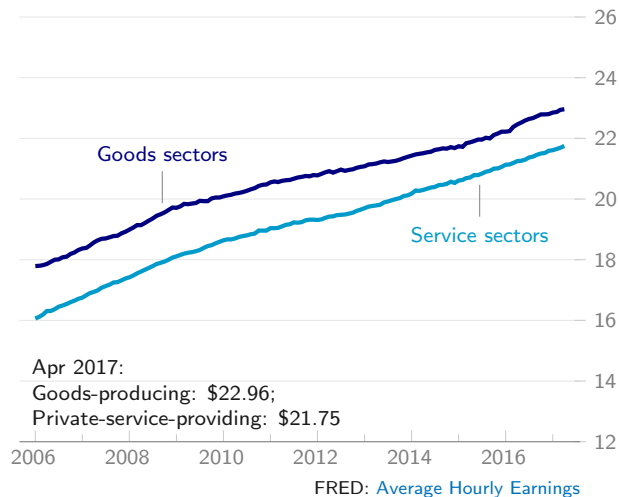
■ Real median weekly wage (1982–84 dollars)



■ Nominal average hourly wage (annual percent change)



■ Nominal average hourly wages (USD)



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

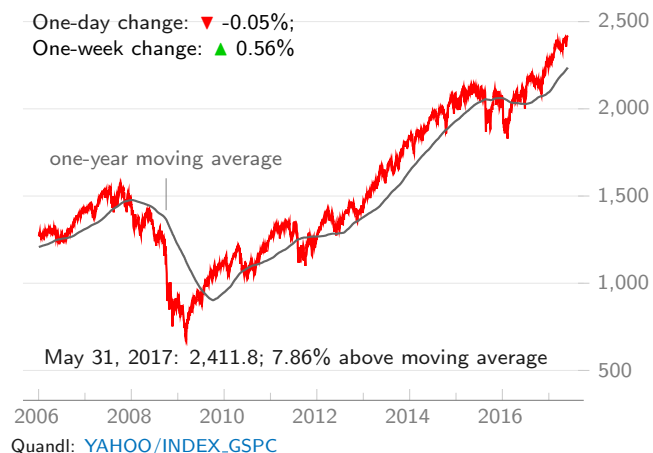


■ Labor share of output (index, 2005=100)



Equity Markets

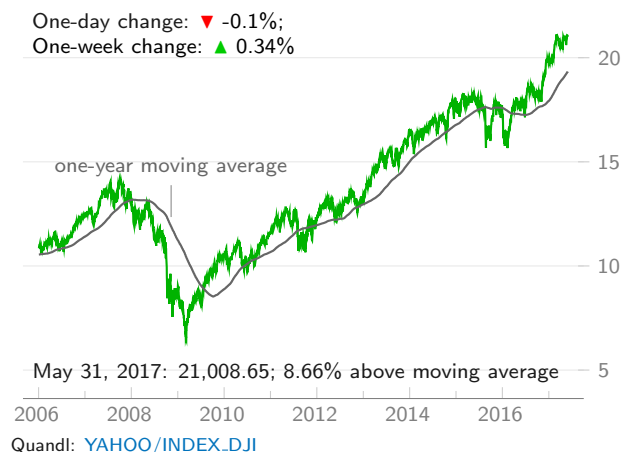
S&P 500



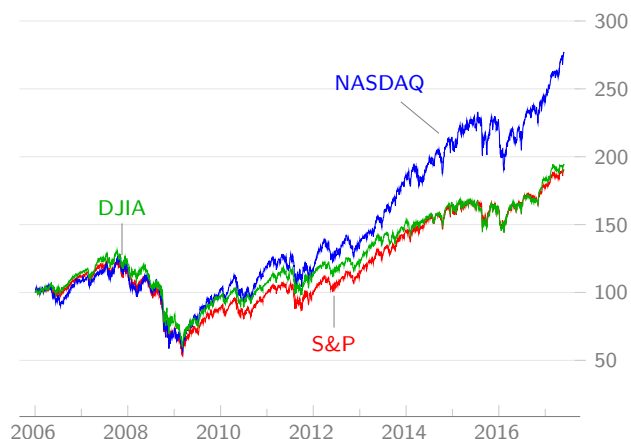
NASDAQ Composite Index



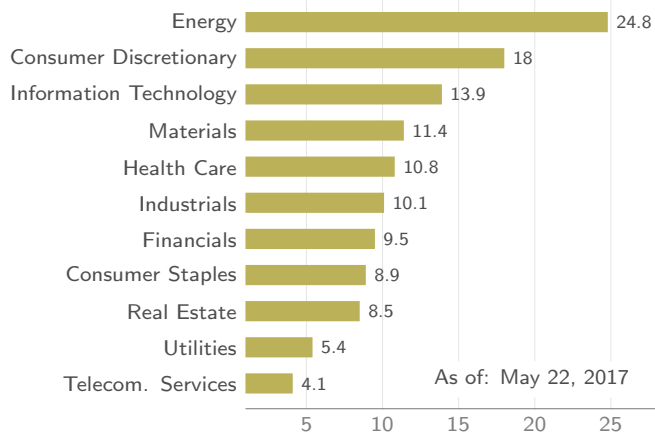
Dow Jones Industrial Average (thousands)



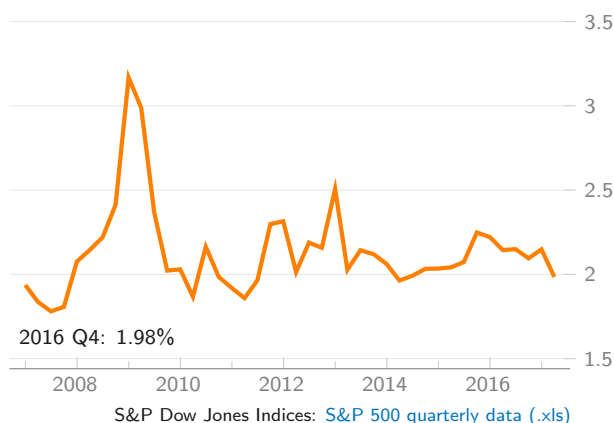
...combined and indexed (2006=100)



S&P 500 five-year growth forecast by sector

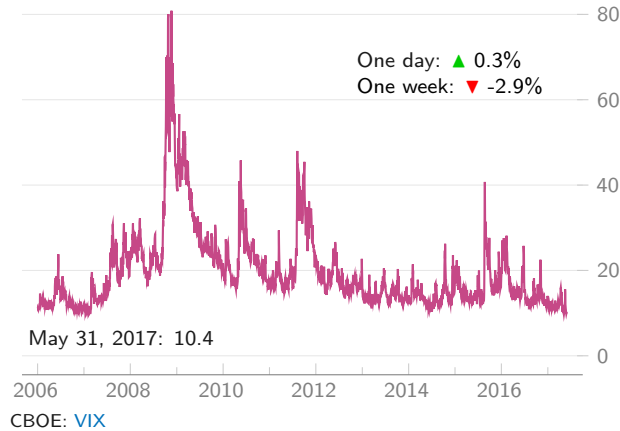


S&P 500 dividend yield (percent)

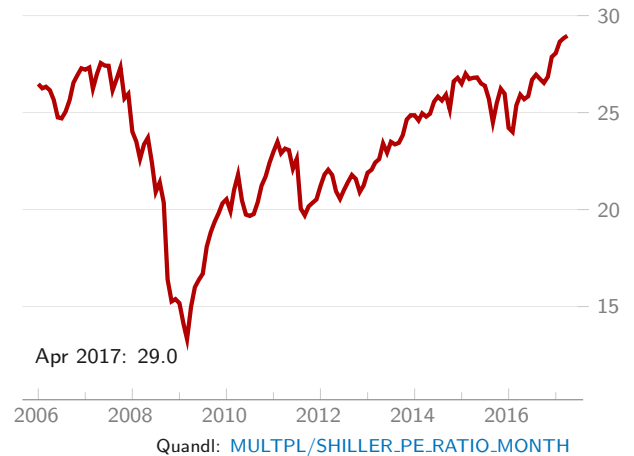


Macro and Markets Dashboard: United States

CBOE volatility index (VIX) *



Shiller index of price to earnings ratios



Money and Interest Rates

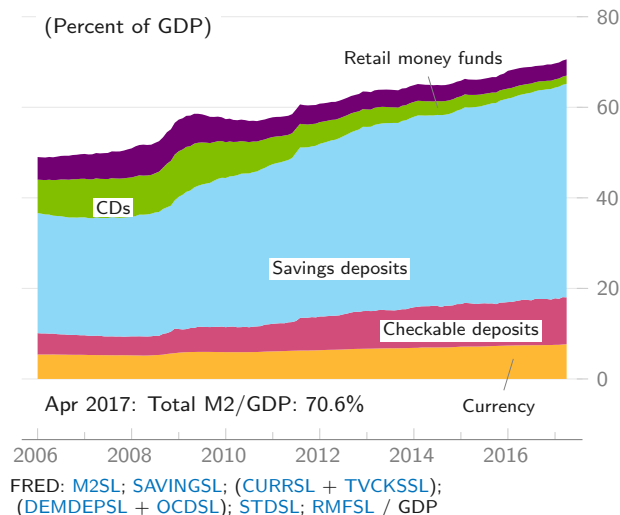
Effective fed funds rate *



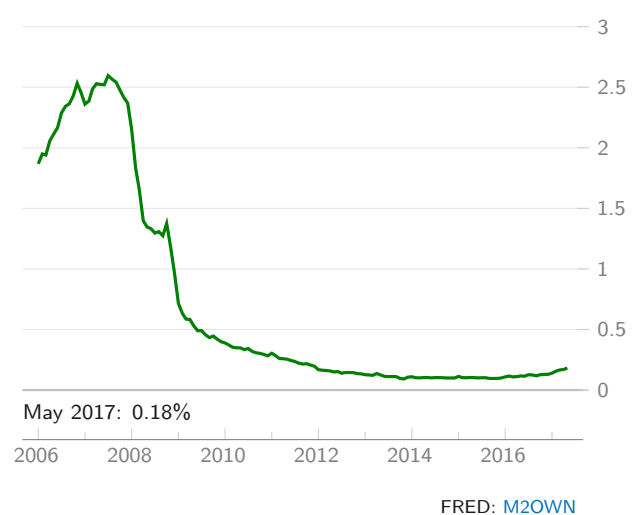
Fed excess reserves of depository corporations (USD billion)



Components of the M2 money supply (Percent of GDP)



Average rate of return on M2



Macro and Markets Dashboard: United States

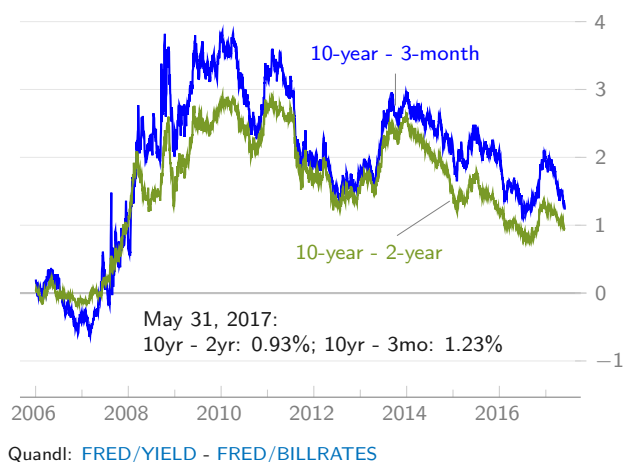
■ Treasury bond real yield by maturity



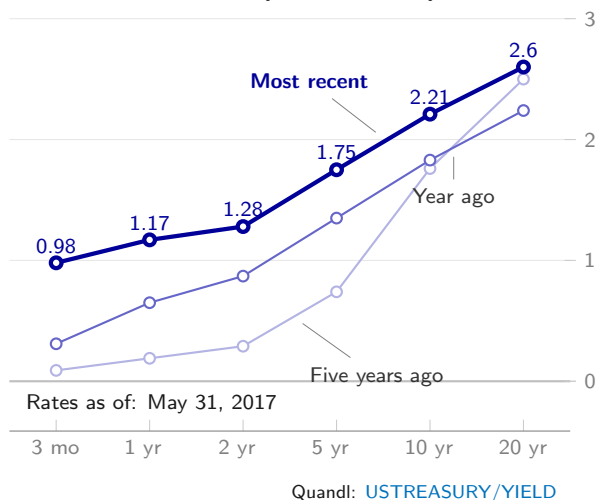
■ 2- and 10-year treasury constant maturity rates



■ Treasury yield spreads



■ Treasury bill and bond yield curve 🌟



■ Corporate bonds AAA (effective yield)

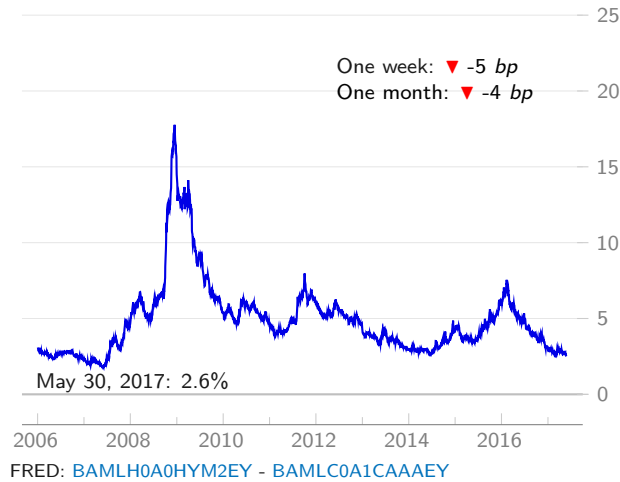


■ Corporate bonds high yield (effective yield)

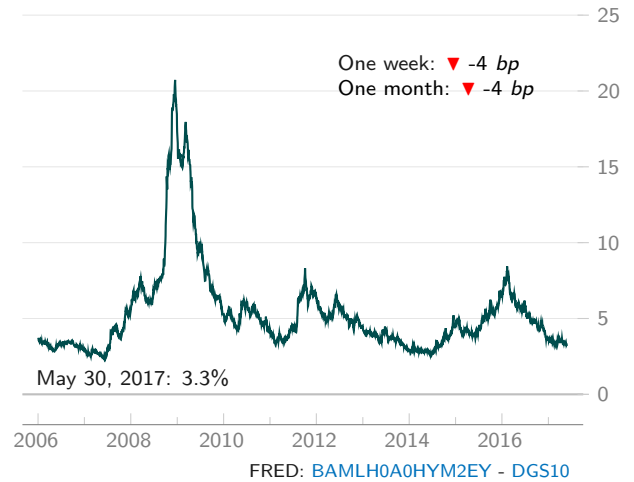


Macro and Markets Dashboard: United States

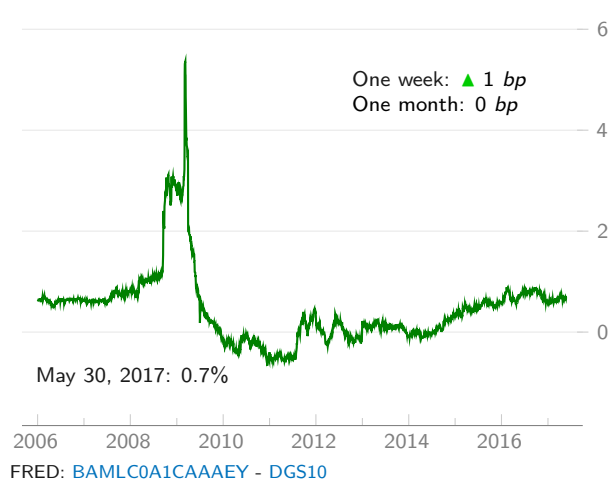
■ Corporate bonds high yield spread over AAA * ✱



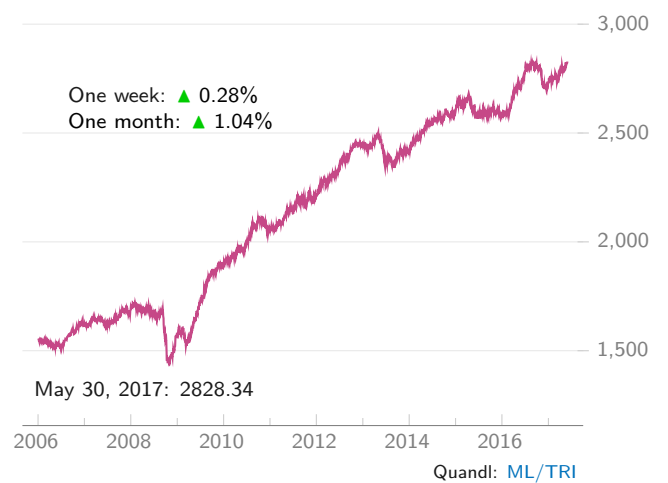
■ ... high yield spread over 10-year treasury



■ Corporate bonds AAA spread over 10-year treasury

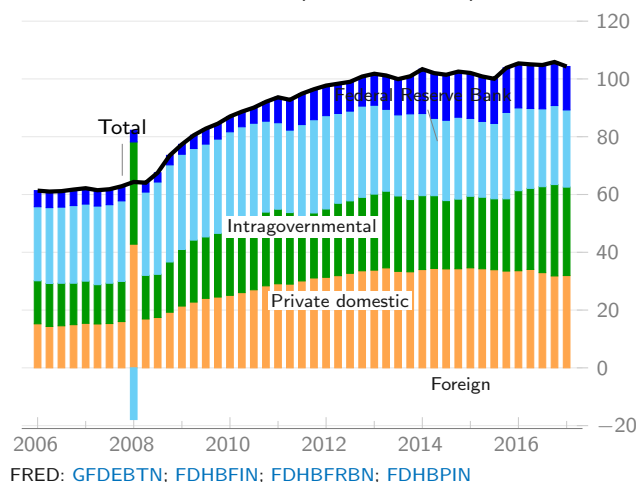


■ Corporate bonds total return index

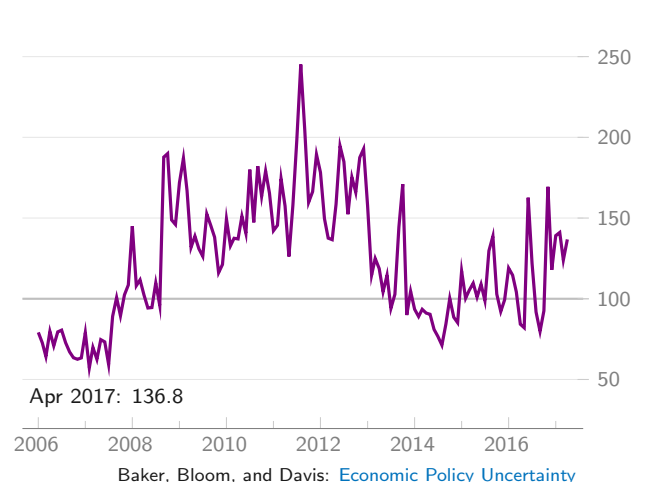


Government and Policy

■ Total public debt by holder (percent of GDP)

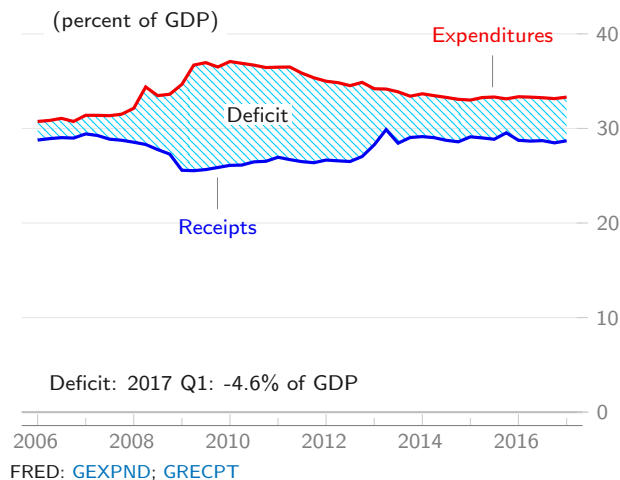


■ Economic policy uncertainty index

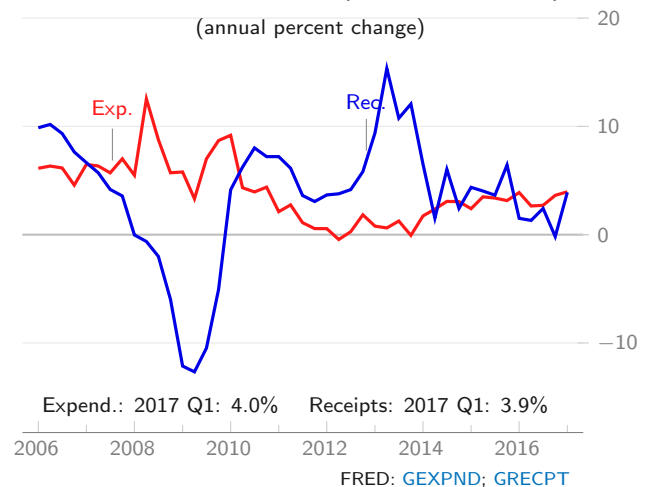


Macro and Markets Dashboard: United States

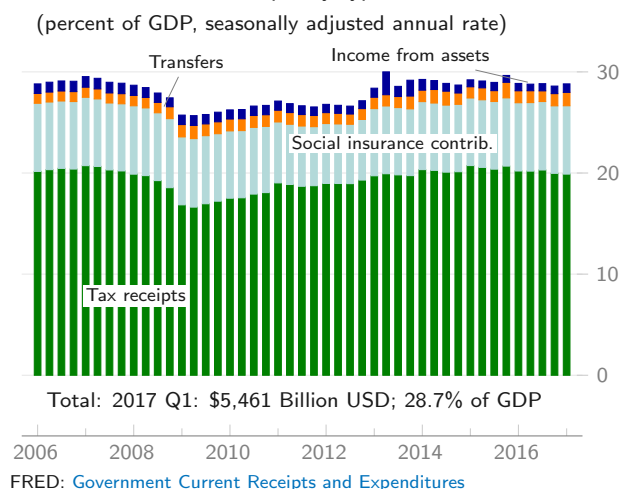
Government expenditures and receipts *



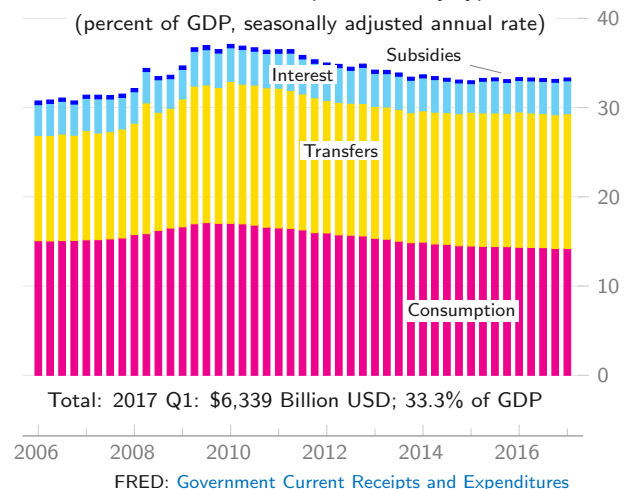
Government expenditures and receipts



Government current receipts by type

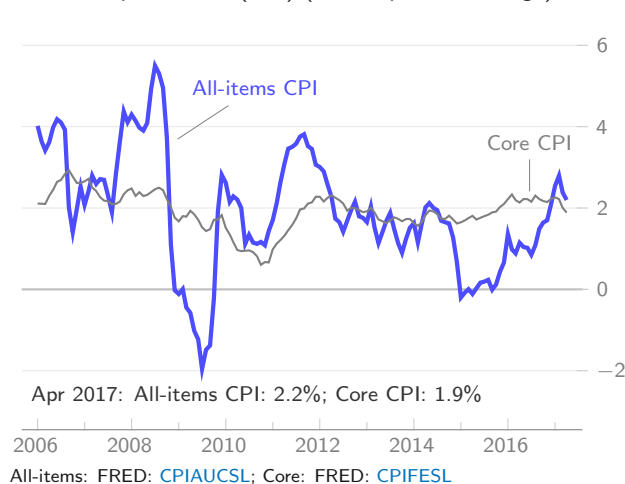


Government current expenditures by type

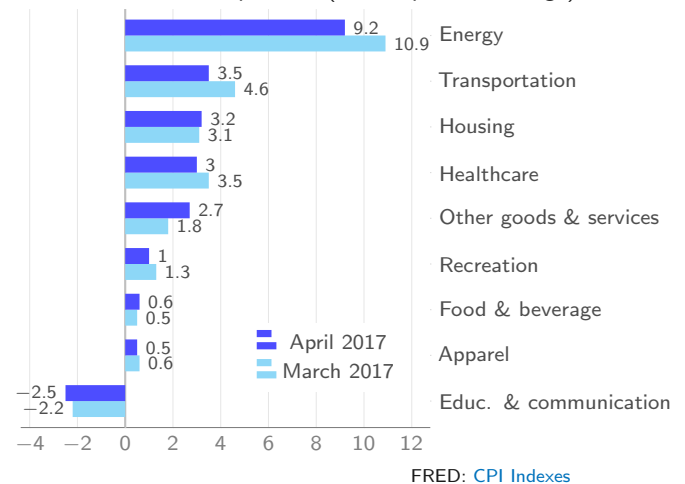


Prices

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

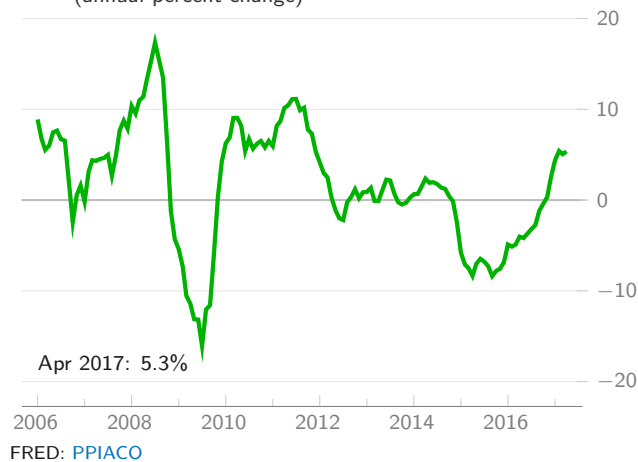


CPI components (annual percent change)

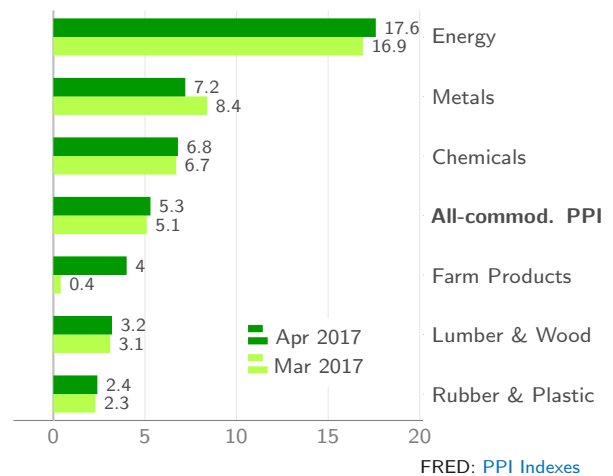


Macro and Markets Dashboard: United States

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



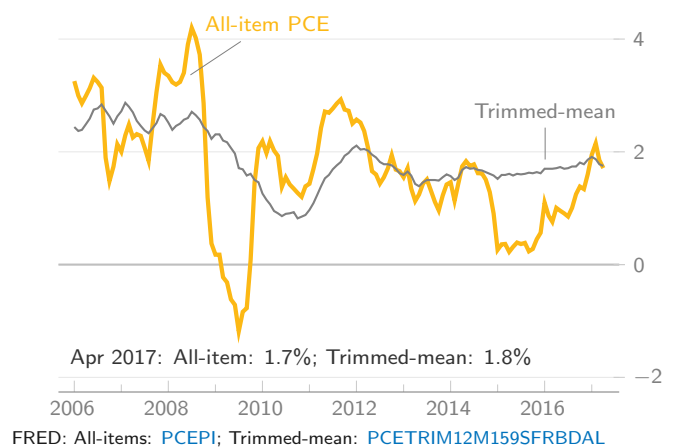
■ PPIACO selected components (annual percent change)



■ 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)

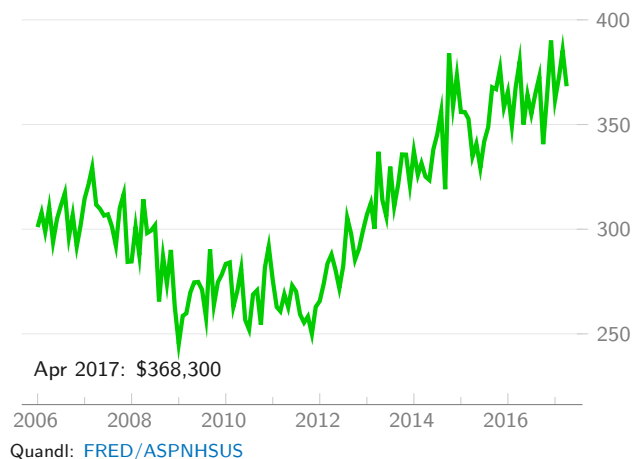


■ PPI growth: metals (annual percent change)

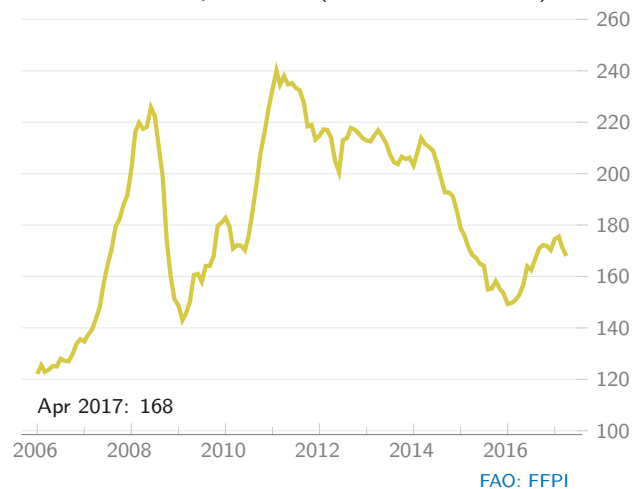


Macro and Markets Dashboard: United States

■ 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)

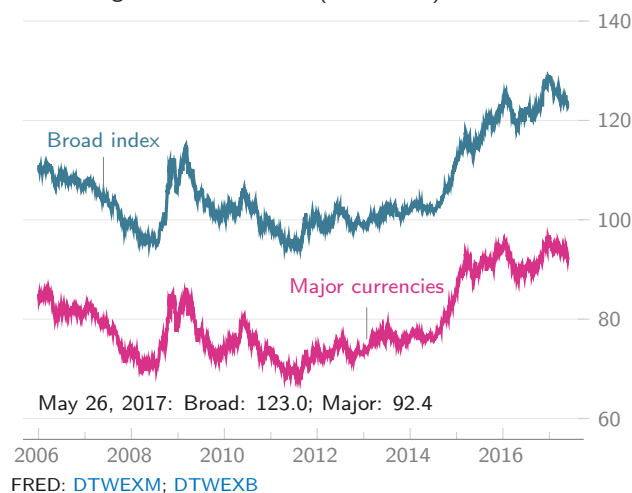


■ Import prices by locality of origin (annual percent change)

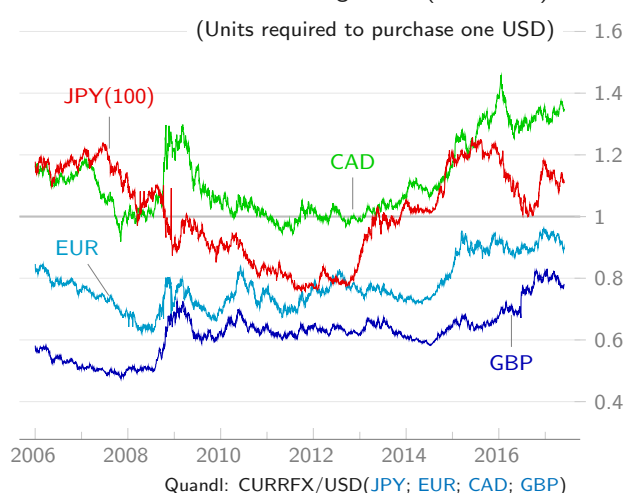


Trade and External Sector Indicators

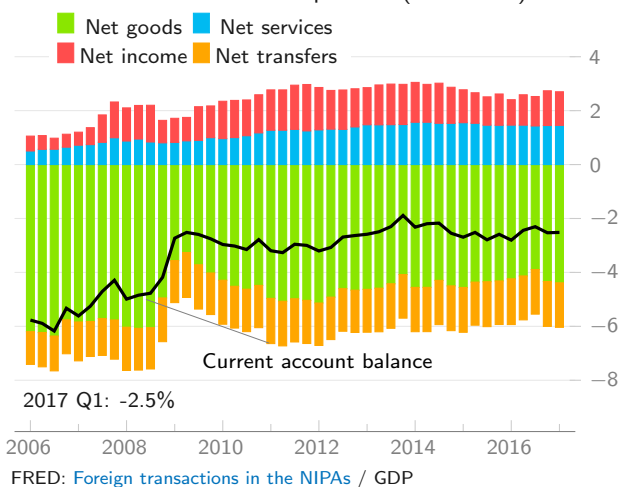
Trade weighted dollar indices (1973=100) *



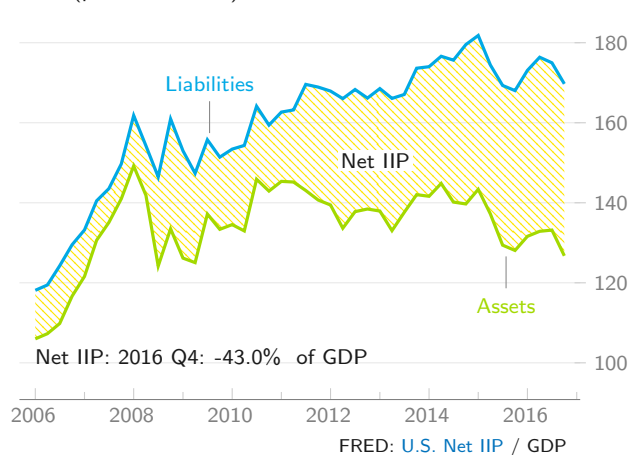
Indirect exchange rates (USD-CUR) ■



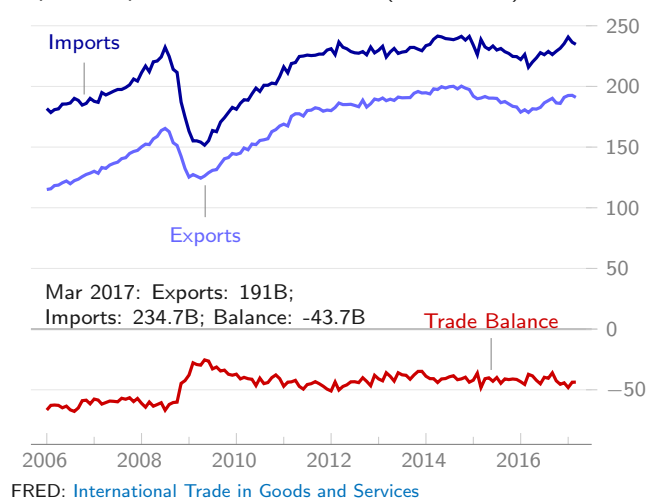
Current account balance components (% of GDP) *



Net international investment position (% of GDP)



Imports, exports, and trade balance (USD billion)

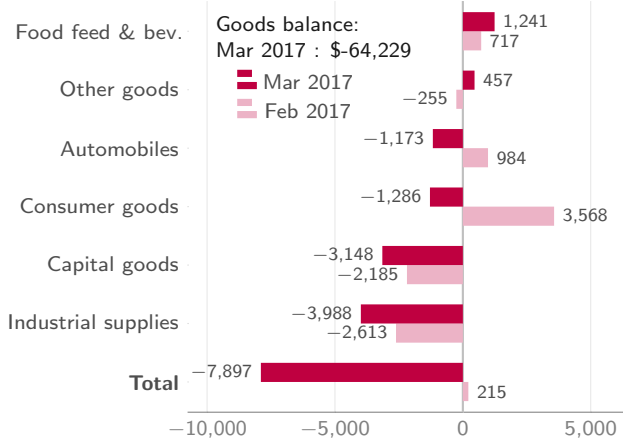


Trade balance (goods and services, percent of GDP)



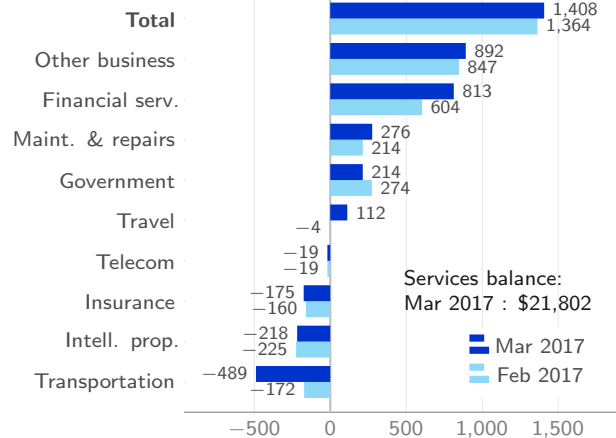
Macro and Markets Dashboard: United States

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



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

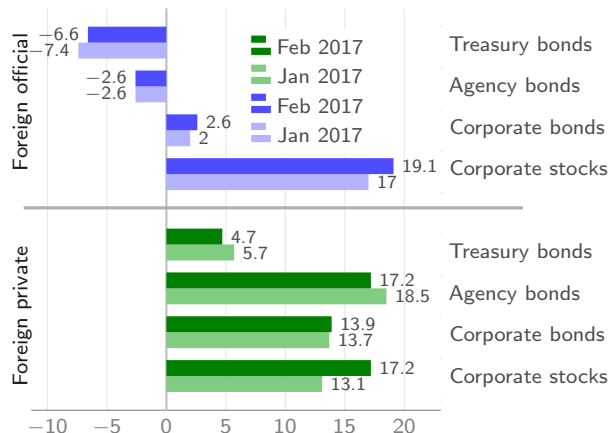
Net exports of services (USD, millions, one-year change)



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

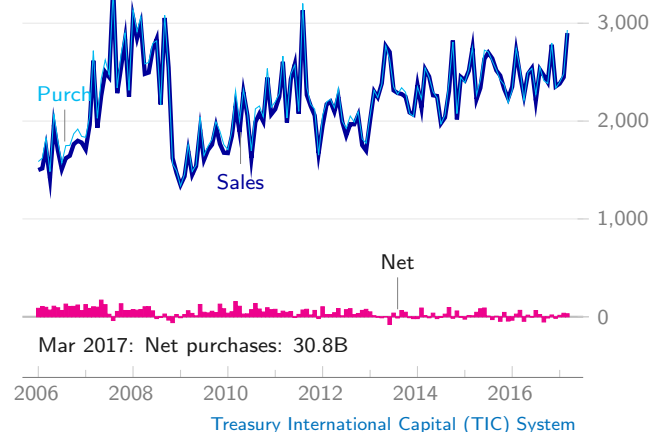
Capital Flows

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

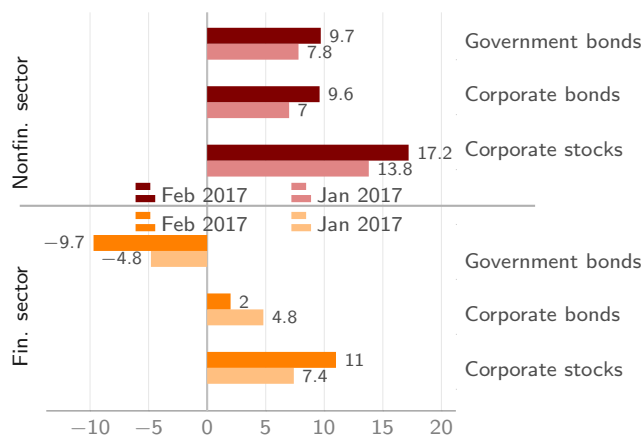


Treasury International Capital (TIC) System

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

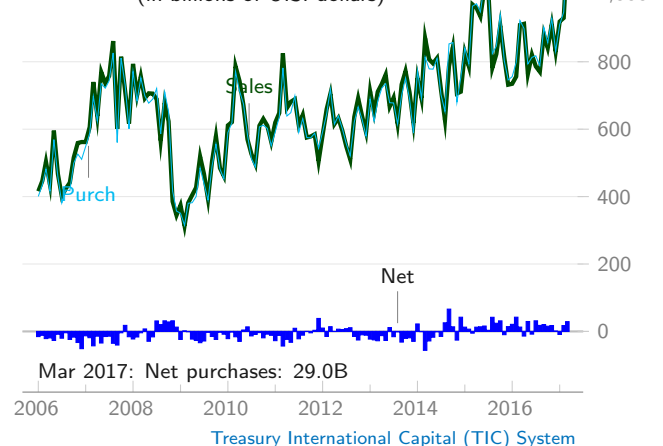


U.S. holdings of foreign securities (annual % change)






















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	0.895	▼ -0.38	▲ 0.07	▼ -2.42	▲ 0.13	0.962	0.877	2017-05-31
 GBP	0.781	▲ 0.04	▲ 1.14	▲ 0.95	▲ 11.14	0.831	0.671	2017-05-31
 JPY	110.839	▼ -0.30	▼ -1.01	▼ -0.42	▲ 1.17	118.253	99.988	2017-05-31
 CAD	1.347	▼ -0.02	▼ -0.38	▼ -1.28	▲ 2.89	1.375	1.269	2017-05-31
 MXN	18.719	▲ 1.33	▲ 0.38	▼ -0.52	▲ 1.07	21.921	18.073	2017-05-31
 AUD	1.341	▼ -0.28	▲ 0.16	▲ 0.32	▼ -2.85	1.393	1.291	2017-05-31
 CNY	6.856	▼ -0.01	▼ -0.52	▼ -0.82	▲ 4.04	6.957	6.539	2017-05-31
 CHF	0.976	▼ -0.35	▼ -0.04	▼ -1.88	▼ -1.32	1.030	0.954	2017-05-31
 NZD	1.411	▼ -0.49	▼ -1.10	▼ -3.09	▼ -3.88	1.473	1.341	2017-05-31
 SEK	8.731	0.00	▲ 0.26	▼ -1.28	▲ 4.94	9.404	8.109	2017-05-31
 NOK	8.449	▲ 0.14	▲ 0.85	▼ -1.38	▲ 1.72	8.712	7.971	2017-05-31
 DKK	6.659	▼ -0.39	▲ 0.02	▼ -2.42	▲ 0.12	7.155	6.524	2017-05-31
 RUB	56.531	▲ 0.12	▲ 0.40	▼ -0.71	▼ -18.70	67.104	55.780	2017-05-31
 HKD	7.792	▼ -0.03	▲ 0.06	▲ 0.20	▲ 0.28	7.794	7.753	2017-05-31
 SGD	1.386	▼ -0.10	▼ -0.38	▼ -0.81	▲ 0.58	1.451	1.337	2017-05-31
 TWD	30.098	▲ 0.02	▼ -0.12	▼ -0.30	▼ -8.36	32.614	29.995	2017-05-31
 TRY	3.553	▼ -0.78	▼ -0.60	▼ -0.01	▲ 17.17	3.877	2.845	2017-05-31
 KRW	1123.900	▲ 0.09	▼ -0.06	▼ -1.04	▼ -6.37	1209.840	1090.050	2017-05-31
 ZAR	13.110	▲ 0.91	▲ 0.14	▼ -1.71	▼ -19.11	15.708	12.470	2017-05-31
 BRL	3.256	▲ 0.02	▼ -0.38	▲ 2.46	▼ -10.86	3.610	3.056	2017-05-31
 INR	64.619	▲ 0.17	▼ -0.41	▲ 0.56	▼ -4.36	68.805	63.900	2017-05-31
 ILS	3.542	▼ -0.57	▼ -1.33	▼ -2.06	▼ -8.75	3.887	3.542	2017-05-31
 EGP	17.972	▼ -0.63	▼ -0.34	▼ -0.19	▲ 50.59	19.620	8.770	2017-05-31
 IDR	13319.000	▲ 0.03	▲ 0.17	▼ -0.02	▼ -2.61	13667.000	12944.000	2017-05-31
 THB	34.114	▼ -0.04	▼ -0.96	▼ -1.12	▼ -4.66	35.990	34.025	2017-05-31
 MYR	4.281	▲ 0.18	▼ -0.23	▼ -1.37	▲ 2.85	4.496	3.940	2017-05-31
 ARS	16.140	▲ 1.03	▲ 0.34	▲ 4.78	▲ 13.39	16.177	13.735	2017-05-31
 COP	2917.250	▲ 1.57	▲ 0.41	▼ -0.78	▼ -6.74	3181.000	2821.500	2017-05-31
 CLP	674.400	▲ 1.97	▼ -0.01	▲ 1.16	▼ -2.52	691.370	638.440	2017-05-31

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

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

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