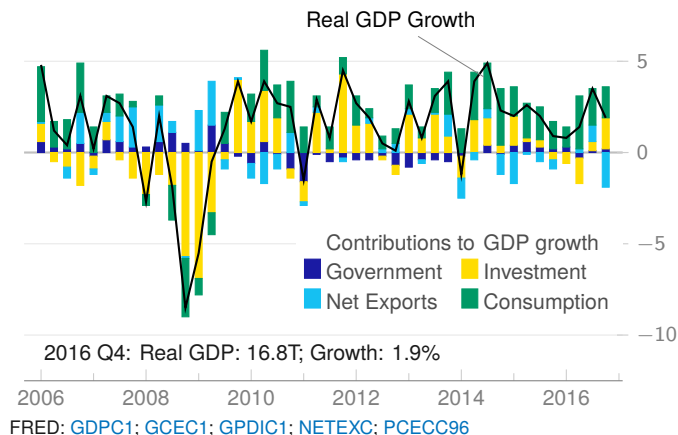


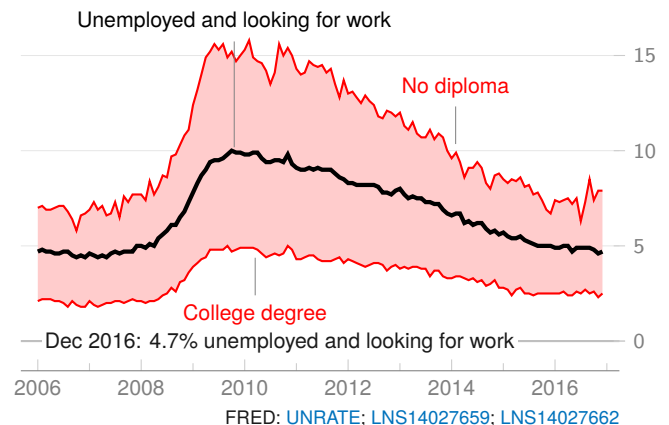
Fourth quarter U.S. economic growth is moderate, with improvement in household consumption and investment offset by a widened export gap. The unemployment rate is low and near to its long-run full-capacity level. Inflation is now slightly above its two percent target in both the core CPI and the full index. Elevated consumer confidence and P/E ratios, with near long-term low equity market volatility, show an extraordinary level of optimism. Interest rates have returned some their recent gains, while the dollar remains firm.

Economic Growth and Employment

Real Gross Domestic Product (annual percent change)

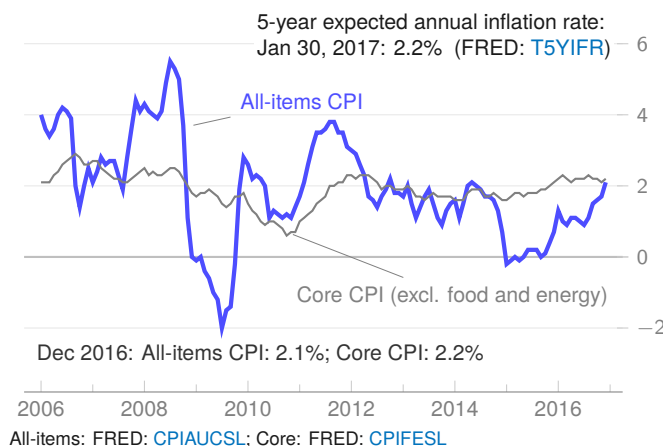


Civilian unemployment rate (percent)

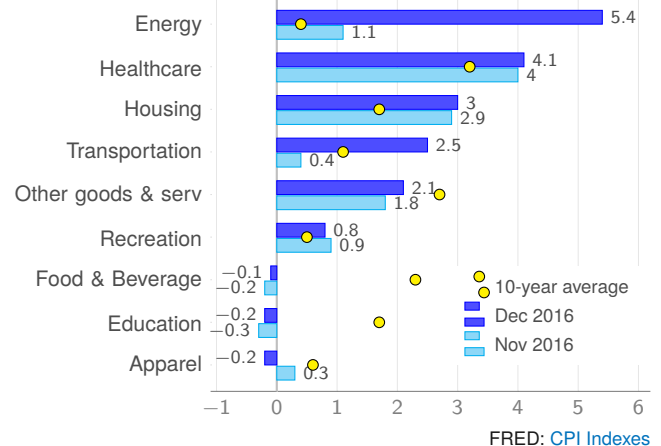


Inflation and Prices

Consumer price index (CPI) (annual percent change)

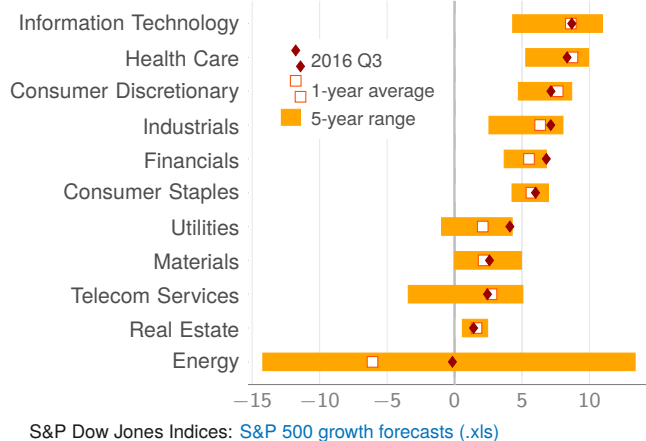


CPI components (annual percent change)



Markets, Interest Rates, and Other Indicators

S&P 500 Reported Earnings per Share by Industry



Recent market developments and other key indicators

		one month	one year	as of:
S&P 500 index	2280.90	▲ 1.4%	▲ 17.6%	2017-01-30
CBOE volatility index (VIX)	11.88	▼ -11.1%	▼ -41.2%	2017-01-30
Bank deposit interest rate	0.12%	▲ 0.01	▲ 0.01	Jan 2017
3-month treasury bill yield	0.52%	▲ 0.01	▲ 0.17	2017-01-31
2-year treasury bond yield	1.19%	▼ -0.01	▲ 0.36	2017-01-31
10-year treasury bond yield	2.45%	0.00	▲ 0.45	2017-01-31
30-year mortgage rate	4.19%	▼ -0.13	▲ 0.40	2017-01-26
US Dollar, broad index	127.76	▲ 0.0%	▲ 2.3%	Jan 2017
Crude oil, US\$/barrel	\$52.57	▼ -2.4%	▲ 55.8%	2017-01-30
Industrial production index	104.6	▲ 0.8%	▲ 0.5%	Dec 2016
Consumer confidence index	98.5	▲ 0.3%	▲ 7.1%	Jan 2017

Retrieved from FRED, CBOE, Quandl, and University of Michigan