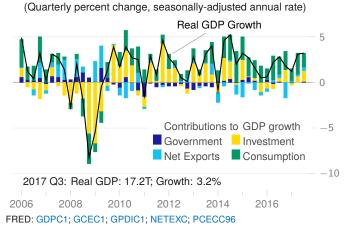
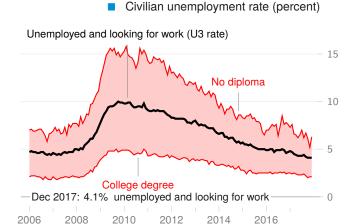
Third quarter U.S. economic growth, which remained strong, was driven by increased consumption and investment. The labor market is gradually nearing full employment and still adding jobs at a healthy pace. Inflation remains near the Fed's two percent target in both the core CPI and the full index, with little expected acceleration. Short- and medium-term borrowing costs have increased as Fed interest rate hikes are expected to continue or accelerate.

Economic Growth and Employment

Real gross domestic product (GDP)

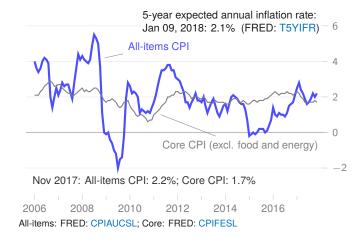


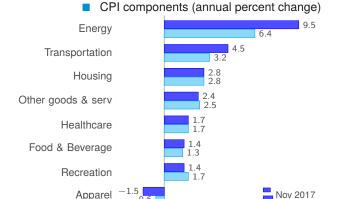


FRED: UNRATE; LNS14027659; LNS14027662

Inflation and Prices

Consumer price index (CPI) (annual percent change)



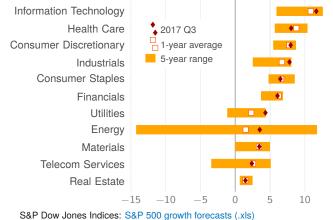


FRED: CPI Indexes

Oct 2017

Markets, Interest Rates, and Other Indicators

S&P 500 reported earnings per share by industry



Recent market developments and other key indicators

Education & Comm. _1

	(one month	one year	as of:
S&P 500 index	2748.23	▲ 3.3%	▲ 21.1%	2018-01-10
CBOE volatility index (VIX)	9.82	▲ 5.1%	▼ -14.5%	2018-01-10
Bank deposit interest rate	0.23%	▲ 0.02	▲ 0.10	Dec 2017
3-month treasury bill yield	1.42%	▲ 0.09	▲ 0.92	2018-01-10
2-year treasury bond yield	1.98%	▲ 0.16	▲ 0.77	2018-01-10
10-year treasury bond yield	2.55%	▲ 0.16	▲ 0.17	2018-01-10
30-year mortgage rate	3.95%	▲ 0.01	▼ -0.25	2018-01-04
US Dollar, broad index	118.49	▼ -1.2%	▼ -7.0%	Jan 2018
Crude oil, US\$/barrel	\$63.48	▲ 10.7%	▲ 22.6%	2018-01-09
Industrial production index	106.4	▲ 0.2%	▲ 3.4%	Nov 2017
Consumer confidence index	95.9	▼ -2.6%	▼ -2.3%	Dec 2017

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