First quarter U.S. economic growth slowed from lower consumption spending growth, despite an improvement in exports. The unemployment rate is gradually nearing its long-run full-capacity level. Inflation is below two percent in both the core CPI and the full index, with no expected acceleration. Elevated consumer confidence and P/E ratios, with near long-term low equity market volatility, show an extraordinary level of optimism. The yield curve for government debt has flattened while the dollar remains strong.

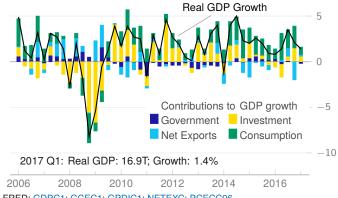
2006

2008

# **Economic Growth and Employment**

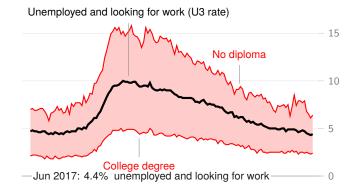
Real Gross Domestic Product (GDP)

(Quarterly percent change, seasonally-adjusted annual rate)



FRED: GDPC1; GCEC1; GPDIC1; NETEXC; PCECC96

#### Civilian unemployment rate (percent)

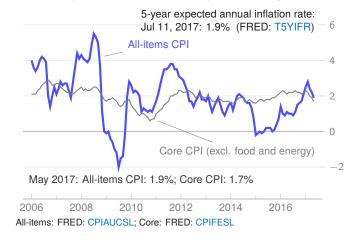


2010 2012 2014 2016 FRED: UNRATE; LNS14027659; LNS14027662

FRED: CPI Indexes

## **Inflation and Prices**

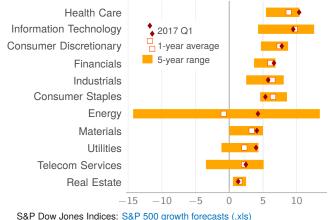
Consumer price index (CPI) (annual percent change)



## CPI components (annual percent change) Energy Housing Healthcare Other goods & serv Transportation Food & Beverage Recreation 10-year average May 2017 Apparel Apr 2017 Education & Comm. 10

### Markets, Interest Rates, and Other Indicators

S&P 500 Reported Earnings per Share by Industry



Recent market developments and other key indicators

	C	ne month	one year	as of:
S&P 500 index	2443.25	▲ 0.1%	▲ 13.5%	2017-07-12
CBOE volatility index (VIX)	10.30	▼ -1.2%	▼ -24.0%	2017-07-12
Bank deposit interest rate	0.17%	▲ 0.01	▲ 0.05	Jun 2017
3-month treasury bill yield	1.05%	▲ 0.05	▲ 0.77	2017-07-12
2-year treasury bond yield	1.35%	▼ -0.03	▲ 0.74	2017-07-12
10-year treasury bond yield	2.33%	▲ 0.12	▲ 0.96	2017-07-12
30-year mortgage rate	3.96%	▲ 0.07	▲ 0.55	2017-07-06
US Dollar, broad index	122.05	▼ -0.2%	▲ 0.1%	Jul 2017
Crude oil, US\$/barrel	\$45.46	▼ -1.1%	▼ -2.5%	2017-07-12
Industrial production index	105.0	-0.0%	▲ 2.2%	May 2017
Consumer confidence index	95.1	▼ -2.1%	<b>▲</b> 1.7%	Jun 2017

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