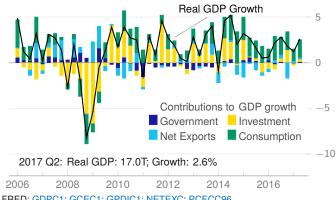
Second quarter U.S. economic growth picked up, driven almost entirely by increased consumption. The labor market is gradually nearing full employment. Inflation is well below the Fed's two percent target in both the core CPI and the full index, with little expected acceleration. Elevated stock prices, with near long-term low equity market volatility, suggest an extraordinary level of optimism. The otherwise overvalued dollar has weakened recently against major trading partners.

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)



College degree
-Jul 2017: 4.3% unemployed and looking for work 2006 2008 2010 2012 2014 2016

FRED: UNRATE; LNS14027659; LNS14027662

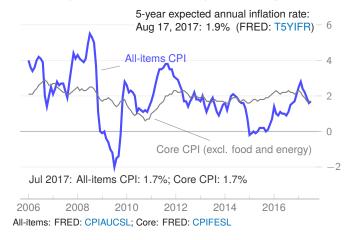
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FRED: CPI Indexes

Inflation and Prices

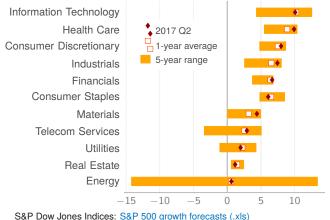
Consumer price index (CPI) (annual percent change)



CPI components (annual percent change) Energy Housing Healthcare Other goods & serv Recreation Transportation Food & Beverage 10-year average Jul 2017 Apparel -0 7 Jun 2017 Education & Comm. = 2

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	2425.55	▼ -1.9%	▲ 10.9%	2017-08-18
CBOE volatility index (VIX)	14.26	▲ 52.4%	▲ 24.8%	2017-08-18
Bank deposit interest rate	0.17%	▲ 0.01	▲ 0.05	Jul 2017
3-month treasury bill yield	1.02%	▼ -0.14	▲ 0.75	2017-08-18
2-year treasury bond yield	1.33%	▼ -0.03	▲ 0.57	2017-08-18
10-year treasury bond yield	2.19%	▼ -0.05	▲ 0.62	2017-08-18
30-year mortgage rate	3.89%	▼ -0.07	▲ 0.46	2017-08-17
US Dollar, broad index	119.57	▼ -0.9%	▼ -1.1%	Aug 2017
Crude oil, US\$/barrel	\$48.73	▲ 6.9%	▲ 0.8%	2017-08-18
Industrial production index	105.5	▲ 0.2%	▲ 2.2%	Jul 2017
Consumer confidence index	93.4	▼ -1.8%	▲ 3.8%	Jul 2017

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