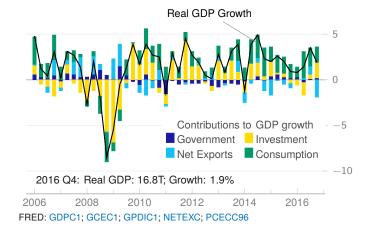
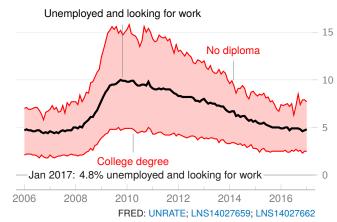
Fourth quarter U.S. economic growth is moderate, with improvement in household consumption and investment offset by a widened export gap. The unemployment rate is low and near to its long-run full-capacity level. Inflation is now slightly above its two percent target in both the core CPI and the full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

## **Economic Growth and Employment**

Real Gross Domestic Product (annual percent change)

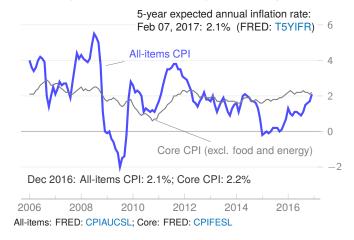


Civilian unemployment rate (percent)

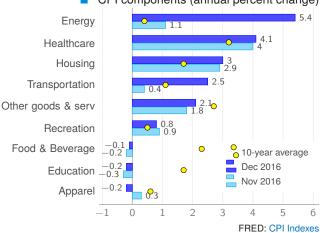


## Inflation and Prices

Consumer price index (CPI) (annual percent change)

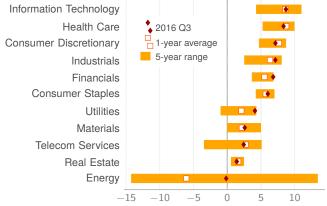


## CPI components (annual percent change)



## Markets, Interest Rates, and Other Indicators

S&P 500 Reported Earnings per Share by Industry



S&P Dow Jones Indices: S&P 500 growth forecasts (.xls)

Recent market developments and other key indicators

|                             | C       | ne month | one year       | as of:     |
|-----------------------------|---------|----------|----------------|------------|
| S&P 500 index               | 2293.08 | ▲ 1.1%   | ▲ 23.7%        | 2017-02-07 |
| CBOE volatility index (VIX) | 11.45   | ▼ -0.3%  | ▼ -56.9%       | 2017-02-08 |
| Bank deposit interest rate  | 0.12%   | ▲ 0.01   | ▲ 0.01         | Jan 2017   |
| 3-month treasury bill yield | 0.54%   | ▲ 0.02   | ▲ 0.24         | 2017-02-08 |
| 2-year treasury bond yield  | 1.15%   | ▼ -0.04  | ▲ 0.41         | 2017-02-08 |
| 10-year treasury bond yield | 2.34%   | ▼ -0.04  | ▲ 0.48         | 2017-02-08 |
| 30-year mortgage rate       | 4.19%   | ▼ -0.01  | ▲ 0.47         | 2017-02-02 |
| US Dollar, broad index      | 125.67  | ▼ -1.5%  | <b>▲</b> 1.5%  | Feb 2017   |
| Crude oil, US\$/barrel      | \$52.38 | ▲ 3.2%   | <b>▲</b> 84.8% | 2017-02-08 |
| Industrial production index | 104.6   | ▲ 0.8%   | ▲ 0.5%         | Dec 2016   |
| Consumer confidence index   | 98.5    | ▲ 0.3%   | <b>▲</b> 7.1%  | Jan 2017   |

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



