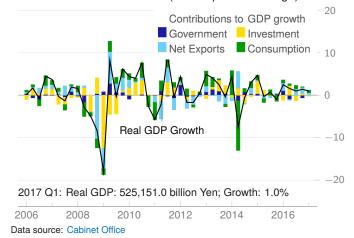
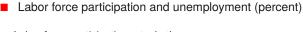
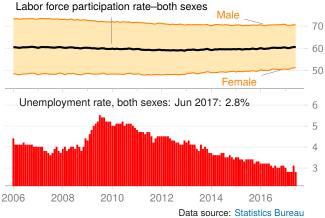
Updated: August 10, 2017

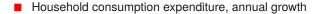
Economic growth and employment

■ Real Gross Domestic Product (annual percent change)



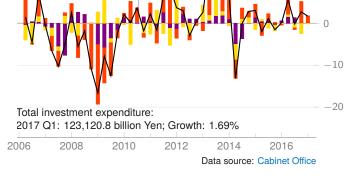








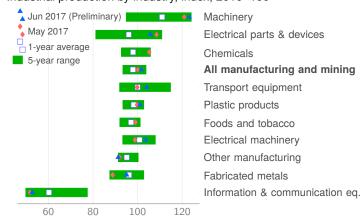


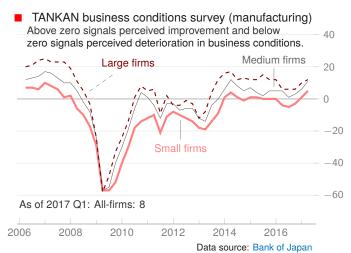


Industrial and business conditions

Data source: Ministry of Trade, Economy, and Industry

Industrial production by industry, index, 2010=100



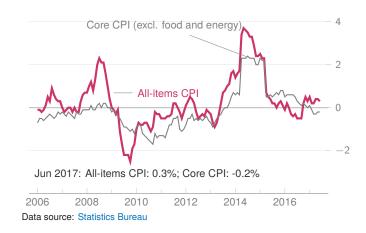


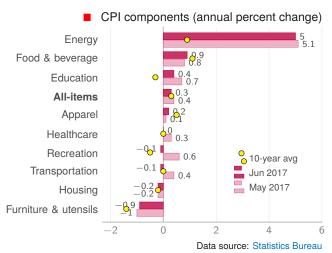
Made by: Brian W Dew in | brian@bd-econ.com ≥ | @bd_econ ≥ Code: ○ /bdecon/Python/Japan

Updated: August 10, 2017

Prices

■ Consumer price index (CPI) (annual percent change)



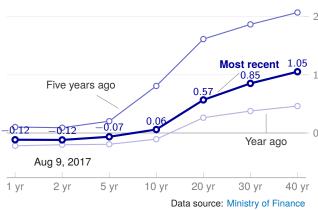


Markets and interest rates

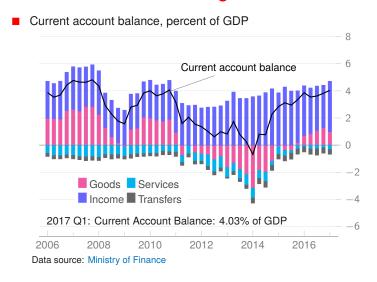
■ Nikkei 225 daily close price and daily percent change



■ Japanese government bond yield curve



External sector and exchange rate



Foreign exchange, trade weighted and USD-JPY rates

1.2

Values indexed to 2014=1;
Effective rates are BIS broad-index rates forminal effective

1.1

Real effective

0.9

USD-JPY

As of Aug 10, 2017: 110.05 JPY per 1 USD

0.8

2014

2015

2016

2017

Data source: FRED: RBJPBIS, NBJPBIS; Quandle