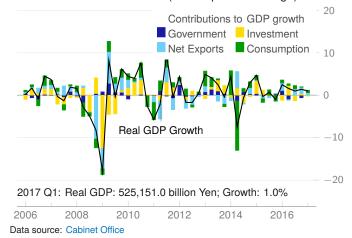
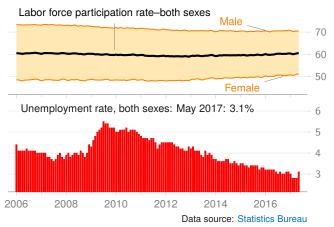
#### Updated: July 12, 2017

# **Economic growth and employment**

■ Real Gross Domestic Product (annual percent change)

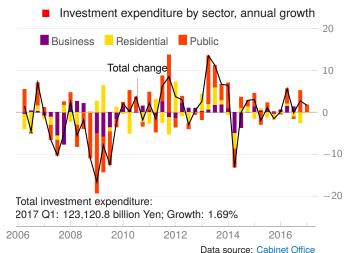


Labor force participation and unemployment (percent)



Household consumption expenditure, annual growth

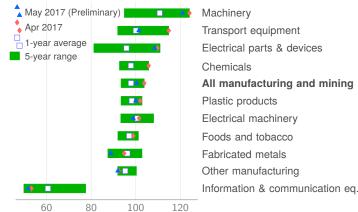




## Industrial and business conditions

Data source: Ministry of Trade, Economy, and Industry

Industrial production by industry, index, 2010=100



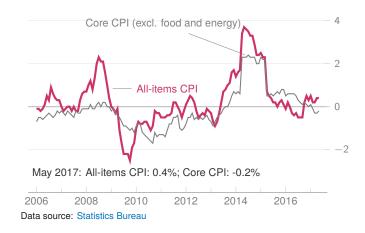
TANKAN business conditions survey (manufacturing) Above zero signals perceived improvement and below zero signals perceived deterioration in business conditions. Medium firms Large firms 20 -20 Small firms 40 -60 As of 2017 Q1: All-firms: 8 2006 2008 2010 2012 2016 Data source: Bank of Japan

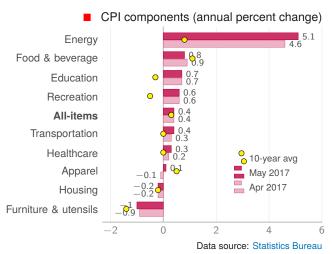
Made by: Brian W Dew in | brian@bd-econ.com ≥ | @bd\_econ ≥ Code: ○ /bdecon/Python/Japan

#### Updated: July 12, 2017

## **Prices**

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



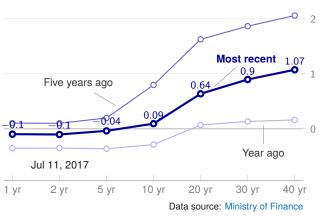


## **Markets and interest rates**

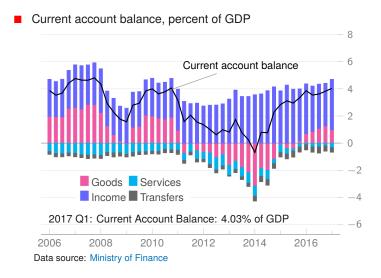
■ Nikkei 225 daily close price and daily percent change



■ 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

Real effective

1.1

As of Jul 10, 2017: 113.99 JPY per 1 USD

2014

2015

2016

2017

Data source: FRED: RBJPBIS, NBJPBIS; Quandl