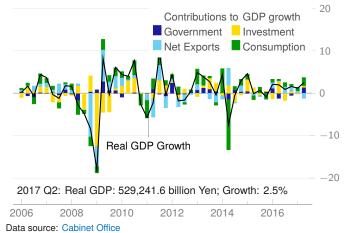
# Macro and Markets Dashboard: Japan

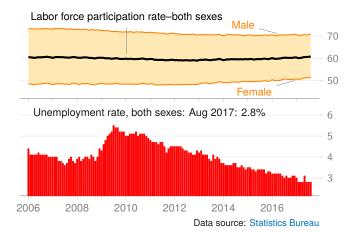
### **Economic growth and employment**

Real Gross Domestic Product (annual percent change)

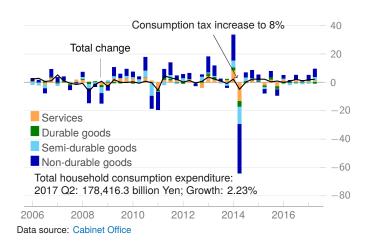


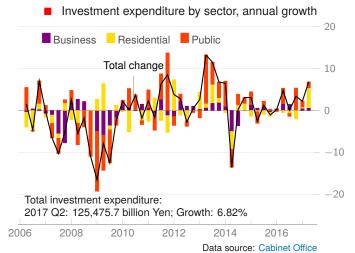
Labor force participation and unemployment (percent)

Updated: October 21, 2017



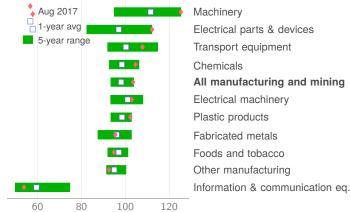
Household consumption expenditure, annual growth





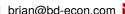
#### Industrial and business conditions

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 Q2: All-firms: 11 2006 2008 2010 2012 2014 2016 Data source: Bank of Japan

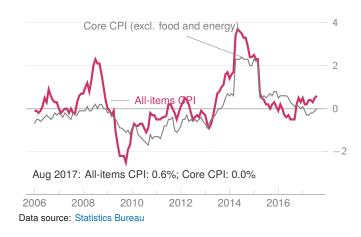
Data source: Ministry of Trade, Economy, and Industry

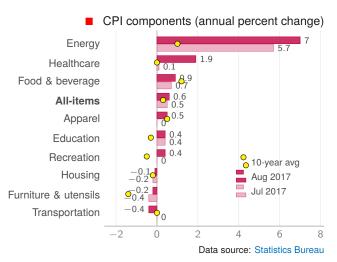


## Macro and Markets Dashboard: Japan

### **Prices**

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





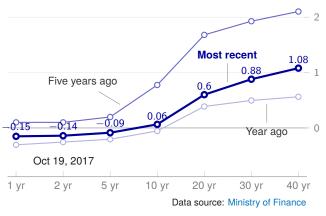
#### **Markets and interest rates**

■ Nikkei 225 daily close price and daily percent change

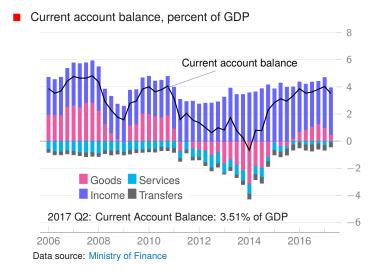


Japanese government bond yield curve

Updated: October 21, 2017



### External sector and exchange rate



Foreign exchange, trade weighted and USD-JPY rates

1.2

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

1.1

Real effective

1.2

As of Oct 19, 2017: 113.01 JPY per 1 USD

0.8

2014

2015

2016

2017

Data source: FRED: RBJPBIS, NBJPBIS; Quandl