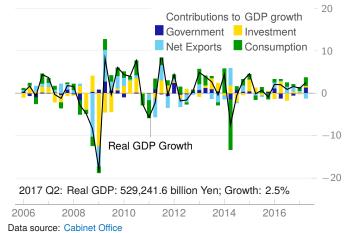
Macro and Markets Dashboard: Japan

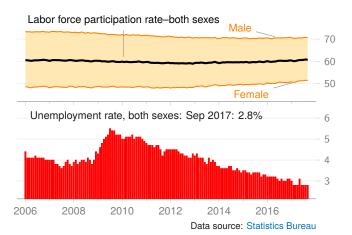
Economic growth and employment

Real Gross Domestic Product (annual percent change)

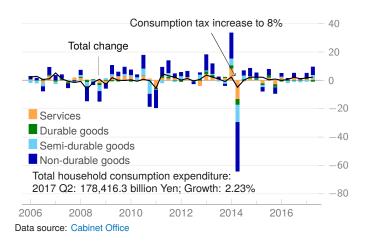


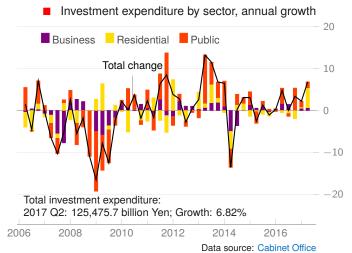
Labor force participation and unemployment (percent)

Updated: October 31, 2017



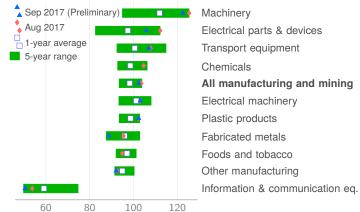
Household consumption expenditure, annual growth





Industrial and business conditions

Industrial production by industry, index, 2010=100



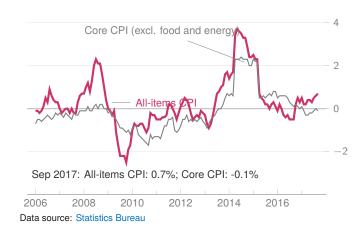
TANKAN business conditions survey (manufacturing) Above zero signals perceived improvement and below zero signals perceived deterioration in business conditions. Medium firms Large firms 20 -20 Small firms 40 -60 As of 2017 Q2: All-firms: 11 2006 2008 2012 2010 Data source: Bank of Japan

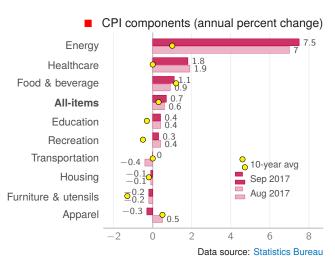
Data source: Ministry of Trade, Economy, and Industry

Macro and Markets Dashboard: Japan

Prices

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





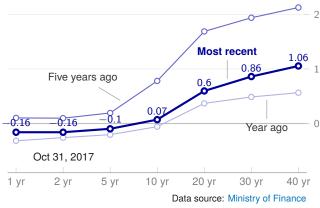
Markets and interest rates

■ Nikkei 225 daily close price and daily percent change

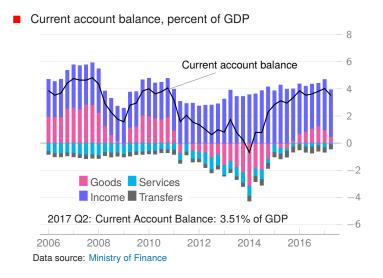


Japanese government bond yield curve

Updated: October 31, 2017



External sector and exchange rate



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

Real effective

As of Oct 30, 2017: 113.74 JPY per 1 USD

2014

2015

2016

2017

Data source: FRED: RBJPBIS, NBJPBIS; Quandl

Code: (7) /bdecon/Python/Japan