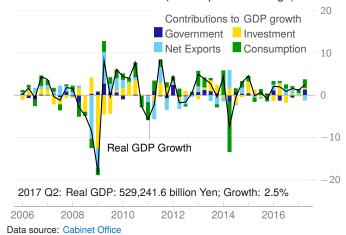
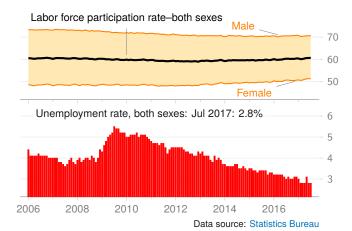
Economic growth and employment

■ Real Gross Domestic Product (annual percent change)



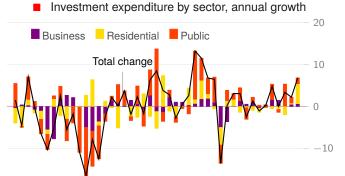
■ Labor force participation and unemployment (percent)

Updated: September 13, 2017



Household consumption expenditure, annual growth





-20

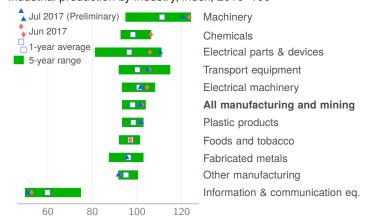
2017 Q2: 125,475.7 billion Yen; Growth: 6.82% 2006 2008 2010 2012 2014 2016 Data source: Cabinet Office

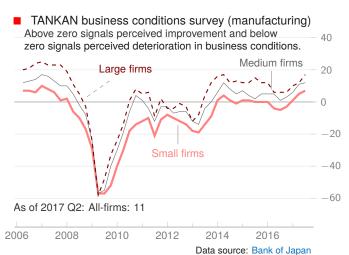
Total investment expenditure:

Industrial and business conditions

Data source: Ministry of Trade, Economy, and Industry

Industrial production by industry, index, 2010=100



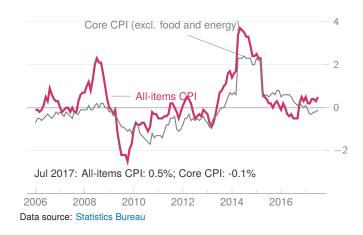


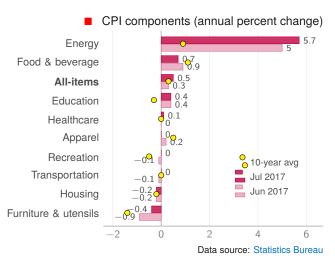
Made by: Brian W Dew in | brian@bd-econ.com ≥ | @bd_econ ≥

Code: (7) /bdecon/Python/Japan

Prices

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



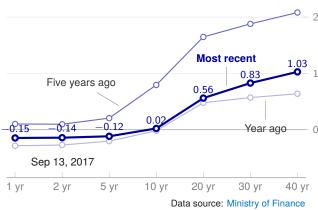


Markets and interest rates

■ Nikkei 225 daily close price and daily percent change



■ Japanese government bond yield curve



External sector and exchange rate

Current account balance, percent of GDP

Current account balance

Goods Services

Income Transfers

2017 Q2: Current Account Balance: 3.49% of GDP

2006 2008 2010 2012 2014 2016

Data source: Ministry of Finance

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

1.1

Real effective

USD-JPY

0.9

As of Sep 12, 2017: 109.39 JPY per 1 USD

0.8

2016

2014

2015

Foreign exchange, trade weighted and USD-JPY rates

Data source: FRED: RBJPBIS, NBJPBIS; Quandl

2017