

**Subject:** Re: Japanese inflation and interest rates

**Date:** Wednesday, September 7, 2016 at 4:37:43 AM Pacific Daylight Time

**From:** Takeo Hoshi

**To:** Kashyap, Anil, John H. Cochrane

Hi John:

Just to add to what Anil explained, I attach several files that you may find useful. Am01-1.xlsx contains various CPI for Japan from January 1970. The first data sheet shows the level, the second the rate of change from the previous month, and the third the rate of change from a year ago same month. Column I is the overall CPI, Column J is "core" CPI in Japanese sense, and Column N is "core-core." The file was downloaded from the Statistical bureau website (<http://www.e-stat.go.jp/SG1/estat/ListE.do?lid=000001157193>)

Jgbcme\_all.xlsx contains the yields for JGB at various maturities from September 24, 1974 to the end of August this year. Jgbcme.xlsx contains the data in September so far. These were downloaded from the MOF website ([http://www.mof.go.jp/english/jgbs/reference/interest\\_rate/index.htm](http://www.mof.go.jp/english/jgbs/reference/interest_rate/index.htm))

The data on call rate (policy rate for BOJ) can be downloaded from the BOJ website.  
<http://www.boj.or.jp/en/statistics/index.htm/>

Takeo

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**From:** Anil Kashyap <Anil.Kashyap@chicagobooth.edu>

**Date:** Wednesday, September 7, 2016 at 1:33 AM

**To:** "John H. Cochrane" <fjcochra@stanford.edu>

**Cc:** Anil Kashyap <Anil.Kashyap@chicagobooth.edu>, Takeo Hoshi <tkohoshi@stanford.edu>

**Subject:** RE: Japanese inflation and interest rates

John,

Very sorry I missed this while I was travelling. The BoJ strips out the CPI effects in things that they report, but I am not sure if they publish them. One thing to be aware of regarding the CPI is that up until recently the BoJ preferred series for inflation was full CPI less fresh food, but they left energy in. So people in Japan typically say "core-core" CPI to refer to a CPI that strips out both food and energy.

There is a BoJ overnight rate that would be most close to the Fed funds, but it will be zero for a really long time. So you might want a slightly longer, say 1 year rate too.

(Takeo: do you know if our RA for the book project collected any of this already?)

Hope this might still be of some value,

Anil

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**From:** John H. Cochrane [mailto:fjcochra@stanford.edu]

**Sent:** Tuesday, August 23, 2016 12:28 PM

**To:** Kashyap, Anil

**Subject:** Japanese inflation and interest rates

Anil:

In case you still keep up... I need to make a graph of interest rates and inflation in Japan. What I've found are these <http://www.e-stat.go.jp/SG1/estat/ListE.do?bid=000001033702&cycode=0>

%Title: Interest Rates, Discount Rate for Japan  
%Series ID: INTDSRJPM193N  
%Source: International Monetary Fund  
%Release: International Financial Statistics (Not a Press Release)  
%Seasonal Adjustment: Not Seasonally Adjusted

Data Source in SDW: [http://sdw.ecb.europa.eu/quickview.do?SERIES\\_KEY=143.FM.M.JP.JPY.4F.BB.JP10YT\\_RR.YLDA&periodSortOrder=ASC](http://sdw.ecb.europa.eu/quickview.do?SERIES_KEY=143.FM.M.JP.JPY.4F.BB.JP10YT_RR.YLDA&periodSortOrder=ASC),  
%,FM.M.JP.JPY.4F.BB.JP10YT\_RR.YLDA  
%,"Japan - Bench, 03k bond - Japan 10-year Government Bench, 03k bond yield - Yield, average of observations through period - Japanese yen, provided by ECB"  
%Collection:,Average of observations through period (A)

Are there better ones? Ideally the equivalent of US core and actual CPI, Fed funds rate and target, and a common longer rate. The CPI has a big hat in it where the consumption tax went in. Are there series corrected for that?

Thanks

John

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