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**Fed+ECB+BOJ in Dollars**

**Figure 1.**

**MAJOR CENTRAL BANKS: TOTAL ASSETS**
(trillion dollars, nsa, weekly ratio scale, sa)

Total Assets of Fed, ECB, & BOJ (22.7)

Source: Haver Analytics.

**Figure 2.**

**MAJOR CENTRAL BANKS: TOTAL ASSETS**
(yearly percent change)

Total Assets of Fed, ECB, & BOJ (56.5)

Source: Haver Analytics.
Figure 3.

MAJOR CENTRAL BANKS: TOTAL ASSETS (trillion dollars, nsa weekly)

Total Assets
- Fed (12/30=7.3)
- ECB (12/25=8.5)
- BOJ (12/18=6.9)

Source: Haver Analytics.

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Figure 4.

MAJOR CENTRAL BANKS: TOTAL ASSETS (yearly percent change)

Total Assets
- Fed (12/30=77.1)
- ECB (12/25=64.1)
- BOJ (12/18=31.6)

Source: Haver Analytics.

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Fed in Dollars

Figure 5.

FED ASSETS* (trillion dollars, weekly)

Fed Assets
- Total (7.3)
- Securities* (6.8)

* Averages of daily figures for weeks ending Wednesday. Securities held by Fed include US Treasuries, Agency debt, and mortgage-backed securities.

Note: QE1 (11/25/08-3/31/10) = $1.24tn in mortgage securities; expanded (3/16/09-3/31/10) = $300bn in Treasuries. QE2 (11/3/10-6/30/11) = $600bn in Treasuries. QE3 (9/13/12-10/29/14) = $40bn/month in mortgage securities (open ended); expanded (12/12/12-10/1/14) = $45bn/month in Treasuries.


Source: Federal Reserve Board.

* Averages of daily figures for weeks ending Wednesday. Securities held by Fed include US Treasuries, Agency debt, and mortgage-backed securities.

Note: QE1 (11/25/08-3/31/10) = $1.24tn in mortgage securities; expanded (3/16/09-3/31/10) = $300bn in Treasuries. QE2 (11/3/10-6/30/11) = $600bn in Treasuries. QE3 (9/13/12-10/29/14) = $40bn/month in mortgage securities (open ended); expanded (12/12/12-10/1/14) = $45bn/month in Treasuries.


Source: Federal Reserve Board.

Source: European Central Bank.

Figure 7.


Source: European Central Bank.

Figure 8.

* LTROs provide low interest rate funding to Eurozone banks with sovereign debt as collateral on the loans. The loans are offered monthly by the ECB and are typically repaid in three months, six months, or one year.

Source: European Central Bank.
BOJ in Yen

Figure 9.

BOJ’S ASSETS (trillion yen, weekly, ratio scale)

Source: Bank of Japan.

Figure 10.

JAPAN: RESERVE BALANCES HELD BY INSTITUTIONS SUBJECT TO RESERVE REQUIREMENTS (trillion yen, weekly)
2002-2020

Source: Bank of Japan.