<table>
<thead>
<tr>
<th>Table Of Contents</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Assets of Major Central Banks</td>
<td>1-4</td>
</tr>
<tr>
<td>Fed Balance Sheet</td>
<td>5</td>
</tr>
<tr>
<td>ECB Balance Sheet</td>
<td>6</td>
</tr>
<tr>
<td>ECB &amp; BOJ Balance Sheets</td>
<td>7</td>
</tr>
<tr>
<td>PBOC</td>
<td>8</td>
</tr>
<tr>
<td>US Treasuries &amp; Agencies Held by Central Banks</td>
<td>9</td>
</tr>
<tr>
<td>Total Assets</td>
<td>10-11</td>
</tr>
<tr>
<td>Japan</td>
<td>12-13</td>
</tr>
</tbody>
</table>
Total Assets of Major Central Banks

Figure 1.

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

Fed (Jun=3.8)  
ECB (Jun=5.3)  
BOJ (Jun=5.2)

Source: Haver Analytics.

Figure 2.

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

Total of Fed, ECB, BOJ (14.3)

Source: Haver Analytics.
Figure 3.

MAJOR CENTRAL BANKS: TOTAL ASSETS*
(yearly change, trillion dollars)

* Total of Fed, ECB, BOJ.
Source: Haver Analytics.

Figure 4.

S&P 500 & ASSETS OF MAJOR CENTRAL BANKS

Source: Federal Reserve Board, Standard & Poor’s and Haver Analytics.
Figure 5.

MAJOR CENTRAL BANKS: TOTAL ASSETS
(yearly percent change)

Source: Haver Analytics.

Figure 6.

TOTAL ASSETS OF MAJOR CENTRAL BANKS
(as a percent of local currency nominal GDP)

Source: Haver Analytics.
Total Assets of Major Central Banks

*Includes US, ECB, Bank of Japan, and PBOC.
Source: Haver Analytics.
Figure 8.

**FED’S ASSETS**
(trillion dollars)

- US Treasuries + Agency Debt + MBS
- Liquidity Facilities

**FED’S LIABILITIES**
(trillion dollars)

- Total
- Reserve Balances with Fed
  (Depository Institutions' Deposits at Fed)
- Central Bank Liquidity Swaps
- Other Loans
- Federal Reserve Notes

*Average of daily figures for weeks ending Wednesdays.
Source: Federal Reserve Board.

FED'S ASSETS*

FED'S LIABILITIES*

Source: Federal Reserve Board.
Figure 9.

**ECB Balance Sheet**

**SELECTED LIABILITIES**
(billion euros)

- Euro Area Credit Institutions in Euro
- Deposit Facility

**Lending to Euro Area Credit Institutions in Euro**

**Liabilities to Other Euro Area Residents in Euro**

**Securities of Euro Area Residents in Euro**
- General Govt Debt Denominated in Euro

**Bank Notes in Circulation**

**Foreign Reserves Including Gold**

**Claims on Euro Area Residents in Foreign Currency**

**Miscellaneous Liabilities**

* Total liabilities minus sum of lending to euro area credit institutions in euro, liabilities to other euro area residents in euro, and bank notes in circulation.

Source: European Central Bank.

Source: European Central Bank.

Z = Zero Interest Rate Policy.
Note: Blue shade is Quantitative Easing Policy.
Source: Bank of Japan.
Figure 12.

PBOC ASSETS
(trillion dollars, nsa, ratio scale)

Total Assets (5.3)
Foreign Exchange Assets (3.1)
Nongold International Reserves Held by China (IMF data) (3.1)

Source: People’s Bank of China and IMF.

Figure 13.

PBOC ASSETS (percent)

Foreign Exchange Held/Total PBOC Assets

Source: People’s Bank of China and IMF.
US Treasuries & Agencies Held by Central Banks

Figure 14.

US TREASURIES HELD BY FED & FOREIGN OFFICIAL ACCOUNTS
(billion dollars)

Held by Fed
Foreign Official Dollar Reserves*

* Held by foreign official institutions at the Fed. Average of week ending Wednesday.
Source: Federal Reserve Board, Table H.4.1.

Figure 15.

US AGENCIES HELD BY FED & FOREIGN OFFICIAL ACCOUNTS
(billion dollars)

Held by Fed (1542.3)
Foreign Official Dollar Reserves* (346.2)

* Held by foreign official institutions at the Fed. Average of week ending Wednesday.
Source: Federal Reserve Board, Table H.4.1.
Figure 16.

**TOTAL ASSETS**

Fed (trillion dollars) (3.8)

ECB (billion euros) (4692.6)

BOJ (billion yen) (564.9)

PBOC (trillion yuan) (36.4)

Source: Haver Analytics.
Source: European Central Bank.
Figure 18.

NIKKEI & YEN
(stock index in local currency)

Source: Haver Analytics.

Figure 19.

JAPAN: CONSUMER PRICE INDEX
(yearly percent change)

* Excluding energy, food, alcohol.
Source: Ministry of Internal Affairs and Communications.
Figure 20.

JAPAN: INDUSTRIAL PRODUCTION
(2010=100)

Source: Ministry of Economy, Trade & Industry.

Figure 21.

JAPAN: INTERNATIONAL RESERVES
(billion dollars, nsa)

* Includes held by private and official accounts.

Source: US Department of the Treasury, Office of International Affairs and International Monetary Fund.
Copyright (c) Yardeni Research, Inc. 2019. All rights reserved. The information contained herein has been obtained from sources believed to be reliable, but is not necessarily complete and its accuracy cannot be guaranteed. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness, or correctness of the information and opinions contained herein. The views and the other information provided are subject to change without notice. All reports and podcasts posted on www.yardeni.com, blog.yardeni.com, and YRI’s Apps are issued without regard to the specific investment objectives, financial situation, or particular needs of any specific recipient and are not to be construed as a solicitation or an offer to buy or sell any securities or related financial instruments. Past performance is not necessarily a guide to future results. Company fundamentals and earnings may be mentioned occasionally, but should not be construed as a recommendation to buy, sell, or hold the company’s stock. Predictions, forecasts, and estimates for any and all markets should not be construed as recommendations to buy, sell, or hold any security—including mutual funds, futures contracts, and exchange traded funds, or any similar instruments.

The text, images, and other materials contained or displayed on any Yardeni Research, Inc. product, service, report, email or website are proprietary to Yardeni Research, Inc. and constitute valuable intellectual property. No material from any part of www.yardeni.com, blog.yardeni.com, and YRI’s Apps may be downloaded, transmitted, broadcast, transferred, assigned, reproduced or in any other way used or otherwise disseminated in any form to any person or entity, without the explicit written consent of Yardeni Research, Inc. All unauthorized reproduction or other use of material from Yardeni Research, Inc. shall be deemed willful infringement(s) of this copyright and other proprietary and intellectual property rights, including but not limited to, rights of privacy. Yardeni Research, Inc. expressly reserves all rights in connection with its intellectual property, including without limitation the right to block the transfer of its products and services and/or to track usage thereof, through electronic tracking technology, and all other lawful means, now known or hereafter devised. Yardeni Research, Inc. reserves the right, without further notice, to pursue to the fullest extent allowed by the law any and all criminal and civil remedies for the violation of its rights.

The recipient should check any email and any attachments for the presence of viruses. Yardeni Research, Inc. accepts no liability for any damage caused by any virus transmitted by this company’s emails, website, blog and Apps. Additional information available on request.