In this paper, major sectors are compared either among Japan, the United States, and the Euro area or between Japan and the United States.

Flow of Funds
- Overview of Japan, the United States, and the Euro area -

August 29, 2019
Research and Statistics Department
Bank of Japan

*In this paper, major sectors are compared either among Japan, the United States, and the Euro area or between Japan and the United States.
I. Overview: Japan, the United States, and the Euro area  
— Data are as of end-March 2019.

Chart 1. Financial assets and liabilities of financial institutions

<table>
<thead>
<tr>
<th>Japan</th>
<th>Assets (3,528 trillion yen)</th>
<th>Liabilities (3,390 trillion yen)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depository corporations</td>
<td>(1,981 trillion yen)</td>
<td>Equity 1%</td>
</tr>
<tr>
<td>Insurance and Pension funds</td>
<td>(651 trillion yen)</td>
<td>Deposits 25%</td>
</tr>
<tr>
<td>Other financial institutions</td>
<td>(896 trillion yen)</td>
<td>Others 4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>United States</th>
<th>Assets (97.6 trillion dollars)</th>
<th>Liabilities (94.9 trillion dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depository corporations</td>
<td>(19.3 trillion dollars)</td>
<td>Others 1%</td>
</tr>
<tr>
<td>Insurance and Pension funds</td>
<td>(33.5 trillion dollars)</td>
<td>Equity 7%</td>
</tr>
<tr>
<td>Other financial institutions</td>
<td>(44.8 trillion dollars)</td>
<td>Others 4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Euro area</th>
<th>Assets (73.9 trillion euro)</th>
<th>Liabilities (72.2 trillion euro)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depository corporations</td>
<td>(29.8 trillion euro)</td>
<td>Others 1%</td>
</tr>
<tr>
<td>Insurance and Pension funds</td>
<td>(10.5 trillion euro)</td>
<td>Equity 1%</td>
</tr>
<tr>
<td>Other financial institutions</td>
<td>(33.6 trillion euro)</td>
<td>Others 2%</td>
</tr>
</tbody>
</table>

* "Other financial institutions" for Japan are the sum of "Securities investment trusts," "Other financial intermediaries," "Financial auxiliaries," and "Public captive financial institutions."

** Starting with this issue, "Depository corporations" for the Euro area excludes "Central bank."

*** "Others" is the residual which is the remaining after deducting "Currency and deposits," "Deposits with the Fiscal Loan Fund" (Japan only), "Loans/Borrowings," "Debt securities," "Investment trusts," "Equity," and "Insurance, pension and standardized guarantees" from total financial assets/liabilities.

**** "Currency and deposits" held by "Depository corporations" for US includes "Vault cash" and "Reserves at Federal Reserve."
"Others" is the residual which is the remaining after deducting "Currency and deposits," "Debt securities," "Investment trusts," "Equity," and "Insurance, pension and standardized guarantees" from total financial assets.

Chart 2. Financial assets held by households

Chart 3. Financial liabilities owed by private nonfinancial corporations

* "Others" is the residual which is the remaining after deducting "Currency and deposits," "Debt securities," "Investment trusts," "Equity," and "Insurance, pension and standardized guarantees" from total financial assets.

** Figures for the Euro area consist of nonfinancial corporations, which include both public and private nonfinancial corporations.
Chart 4. Financial surplus and deficit of major sectors (as a percentage of nominal GDP)

Japan

United States

Euro area

* See notes on the last page for the definition of each sector.
II. Overview: Japan and the United States
— Data are as of end-March 2019.

Chart 5. Financial assets held by investment trusts

- Japan
  - Currency and deposits: 4.1%
  - Loans: 5.8%
  - Debt securities: 11.9%
  - Investment trusts: 4.9%
  - Equity: 23.7%
  - Outward investment in securities: 43.4%
  - Others: 1.8%
  - Total: 225.4 trillion yen

- United States
  - Loans: 5.3%
  - Debt securities: 32.3%
  - Investment trusts: 4.9%
  - Equity: 59.9%
  - Outward investment in securities: 23.3 trillion dollars

* "Others" is the residual which is the remaining after deducting "Currency and deposits," "Loans," "Debt securities," "Investment trusts," "Equity," and "Outward investment in securities"(Japan only) from total financial assets.

** Data for US include both outward and domestic investment in securities.

Chart 6. Financial assets held by pension funds

- Japan
  - Currency and deposits: 7.4%
  - Loans: 3.7%
  - Debt securities: 18.6%
  - Investment trusts: 8.7%
  - Equity: 24.9%
  - Claims of pension funds on pension managers: 15.3%
  - Others: 8.8%
  - Total: 155.9 trillion yen

- United States
  - Loans: 1.0%
  - Debt securities: 26.0%
  - Investment trusts: 3.3%
  - Equity: 7.4%
  - Claims of pension funds on pension managers: 27.0%
  - Others: 8.0%
  - Total: 23.1 trillion dollars

* "Others" is the residual which is the remaining after deducting "Currency and deposits," "Loans," "Debt securities," "Investment trusts," "Equity," "Outward investment in securities"(Japan only), and "Claims of pension funds on pension managers" from total financial assets.

** Data for US include both outward and domestic investment in securities.

Chart 7. Financial assets held by insurance

- Japan
  - Currency and deposits: 3.0%
  - Loans: 8.1%
  - Debt securities: 53.9%
  - Investment trusts: 15.4%
  - Equity: 6.0%
  - Outward investment in securities: 19.0%
  - Others: 6.4%
  - Total: 494.9 trillion yen

- United States
  - Loans: 7.4%
  - Debt securities: 46.3%
  - Investment trusts: 15.6%
  - Equity: 9.6%
  - Outward investment in securities: 19.0%
  - Others: 6.4%
  - Total: 10.4 trillion dollars

* "Others" is the residual which is the remaining after deducting "Currency and deposits," "Loans," "Debt securities," "Investment trusts," "Equity," and "Outward investment in securities"(Japan only) from total financial assets.

** Data for US include both outward and domestic investment in securities.
Notes to Charts 1 to 7

Data source
Bank of Japan, *Flow of Funds Accounts*, released on June 27, 2019
FRB, *Financial Accounts of the United States, First Quarter 2019*, released on June 6, 2019
https://www.federalreserve.gov/releases/z1/current/
ECB, *Euro Area Accounts*, released on July 26, 2019

Sectors and transaction items
Sectors and transaction items of the United States [hereafter "US"] and Euro area [hereafter "EA"] are reclassified according to the Japan's Flow of Funds Accounts (see below).

Sectors
Depository corporations
[US] U.S.-Chartered Depository Institutions, Foreign Banking Offices in U.S., Banks in U.S.-Affiliated Areas, Credit Unions
[EA] Monetary Financial Institutions: Includes MMF.
Insurance and pension funds (Sectors marked with an asterisk indicate pension funds)
[US] Life Insurance Companies, Property-Casualty Insurance Companies, Private Pension Funds*, State and Local Government Employee Retirement Funds*, Federal Government Employee Retirement Funds*
[EA] Insurance Corporations and Pension Funds
Other financial institutions (Sectors with an asterisk indicate investment trusts. Sectors with double asterisks indicate nonbanks)
[EA] Non-MMF Investment Funds, Other financial intermediaries, Financial auxiliaries, Captive financial institutions, Money lenders
Private nonfinancial corporations
[US] Nonfinancial Corporate Business
[EA] Non-financial Corporations: Includes both private and public nonfinancial corporations.
General government
Households
[US] Households and Nonprofit Organizations
[EA] Households and Non-profit Institutions Serving Households
- In Japan's Flow of Funds Accounts, households excludes private nonprofit institutions serving households.

Transaction items
Currency and deposits
[US] U.S. Deposits in Foreign Countries, Checkable Deposits and Currency, Time and Savings Deposits
[EA] Currency and Deposits
Loans/Borrowings
[US] Net Interbank Transactions, Federal Funds and Security Repurchase Agreements, Loans
[EA] Loans
Debt securities
[US] Debt Securities
[EA] Short-term Debt Securities, Long-term Debt Securities
Investment trusts
[US] Money Market Fund Shares, Mutual Fund Shares, Total shares issued by Closed-End Funds and Exchange-Traded Funds (included in the liabilities side)
[EA] Investment fund shares (including MMF shares)
Equity
[US] Corporate Equities, Proprietors' Equity in Noncorporate Business, Investment by holding companies, etc.
[EA] Listed Shares, Unlisted Shares and other equity
Insurance, pension and standardized guarantees
[US] Life Insurance Reserves, Pension Entitlements (including claims of pension fund on sponsor)
[EA] Insurance and pension schemes
Claims of pension funds on pension managers
[US] Claims of pension fund on sponsor
Financial surplus and deficit
[US] Net Lending (+) or Borrowing (-) (Financial Account)
[EA] Net financial transactions

Note
Some items with small amount outstanding are not explicitly shown on charts.