March 2025 Newsletter

# JAPANESE GOVERNMENT BONDS

Ministry of Finance, Japan





### Greetings from the IR office, the Ministry of Finance, Japan.

"Towards a brighter future for all" This is the tagline for the Expo 2025 in Osaka, starting this April. It will be the second time since 1970 that the World Expo has been held in Osaka. We hope that many people will come to Japan to see the latest technology from all over the world.

MYAKU-MYAKU on the cover is the official character for Expo 2025 Osaka and a mysterious creature born from the fusion of cells and water. Its true identity remains unknown. The red part represents "cells," which divide and multiply. The blue part represents "pure water," which can flow and change shape. It appears to be transforming into various forms in search of who it wants to be, and its current form mimics humans. However, it changes its shape so much that it sometimes forgets its original form. Going outside and basking in the sunlight is the source of its energy. It also loves rainy days and can absorb rain into its body. It dreams of being recognised by everyone before Expo 2025 Osaka, Kansai, Japan opens and hopes to meet many people there.

For this newsletter, we covered several events relevant to JGB investors. First, we are pleased to announce that the Japan Climate Transition Bonds (JCTBs) Allocation Report for FY2023 Issuance was published in Japanese last December and in English on March 14, 2025. Second, the Cabinet Office released its second preliminary GDP estimate (Oct.-Dec. 2024) on March 11. Third, we conducted non-deal roadshows for JCTBs in Indonesia, Singapore and Thailand in the final week of February. Finally, three of our members are going to leave our IR team at the end of March 2025.

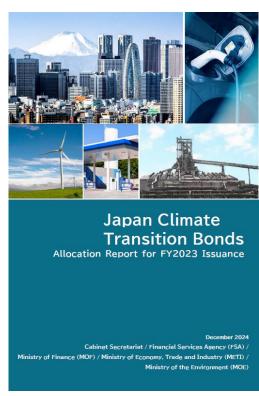
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### What's New: Japan Climate Transition Bonds Allocation Report for FY2023 Issuance

We are pleased to release that the Japan Climate Transition Bonds (JCTBs) Allocation Report for FY2023 Issuance was published in Japanese last December and in English on March 14, 2025. This report summarizes the allocation status of proceeds and case studies regarding the JCTBs issued in FY2023, based on the <a href="Framework">Framework</a> established by the Government of Japan in November 2023.

Limited assurance on the results of the allocation of proceeds, as well as a second party opinion confirming compliance with the ICMA's Green Bond Principles 2021, the ICMA's Climate Transition Finance Handbook 2023, and the Basic Guidelines on Climate Transition Finance (May 2021 version) issued by FSA, METI, and MOE, has been obtained from JCR, an independent external reviewer.



### Allocation Report for FY2023 Issuance

| Contents  | Overview   |  |  |  |  |
|---|--|--|--|--|--|
| Positioning and     Significance of Japan     Climate Transition Bonds    | Positioning of JCTBs in GX Policy and Efforts on Transition Finance in Japan   |  |  |  |  |
| Status of Japan Climate     Transition Bond Issuance                      | Auction Results for JCTBs Issued in FY2023   |  |  |  |  |
| Selection of Eligible     Projects for Japan     Climate Transition Bonds | <ul> <li>Selection Criteria and Approach of Eligible Projects for JCTBs</li> <li>Selection and Evaluation Process of Projects and Management of Proceeds</li> </ul>  |  |  |  |  |
| Funded Projects and     Amounts of Allocated     Proceeds                 | List of Funded Projects and Amount of Allocated Proceeds   |  |  |  |  |
| 5. Case Studies   | <ul> <li>Progress and GHG reduction impact of five representative projects</li> <li>[R&amp;D]         <ul> <li>Hydrogen Utilization in Iron and Steelmaking Processes</li> <li>Decarbonization of Thermal Processes in the Manufacturing</li> <li>Strengthening the Manufacturing Supply Chain for Achieving GX</li> </ul> </li> <li>[Capital Investment]         <ul> <li>Strengthening the Manufacturing Supply Chain for Advanced Equipment for Improving Residential Insulation Performance and Related Initiatives</li> </ul> </li> </ul> |  |  |  |  |
| 6. External Review  | Obtained a Review from Japan Credit Rating Agency  |  |  |  |  |



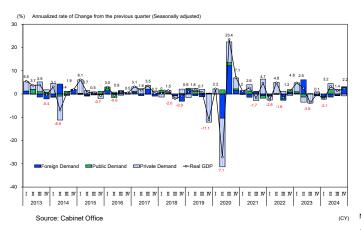
# Monthly Topic: Quarterly Estimates of GDP for Oct.-Dec. 2024

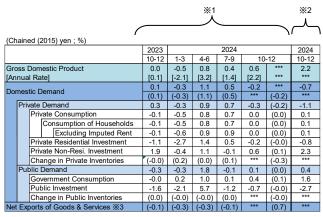
The Cabinet Office released its second preliminary GDP estimate (Oct.-Dec. 2024) on March 11. Below is the summary.

- Seasonally adjusted quarterly Real GDP increased by 0.6% (annual rate 2.2%) from the previous quarter.
- Domestic Demand and Net Exports of Goods & Services contributed -0.2% points and 0.7% points, respectively.
- As for Domestic Demand, Private Consumption and Private Non-Residential Investment increased by 0.0% and 0.6%, respectively, while Private Residential Investment decreased by 0.2%.
- On the other hand, Government Consumption increased by 0.4%, while Public Investment decreased by 0.7%.

See the development of Real GDP below.

### Quarterly Real Growth Rate (Seasonally Adjusted Series, Quarter-to-Quarter)





Note: The figures in ( ) indicate contributions to changes in GDF

- %1 Changes from the previous quarter (seasonally adjusted) %2 Annualized

Source: Cabinet Office

For more information, please see: https://www.esri.cao.go.jp/en/sna/data/sokuhou/files/2024/toukei 2024.html

<sup>3</sup> Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services The contribution is calculated as the contribution of Exports less that of Imports

# IR Office

### 1. IR Activities in Indonesia, Singapore, and Thailand

In the final week of February, we conducted non-deal roadshows for Japan Climate Transition Bonds (JCTBs) in Indonesia, Singapore and Thailand in collaboration with Barclays Securities Japan Limited, a JGB/GX Promoter. Our team members consisted of people from different agencies including Mr. Tomofumi Yano, Deputy Director of the Debt Management Policy Division, Ministry of Finance, Ms. Eriko Seki, Assistant Director of the GX Finance Promotion Office, Ministry of Economy, Trade and Industry (METI) and Ms. Atsuko Kajiwara, Managing Executive Officer and Head of the Sustainable Finance Evaluation Group from JCR (External reviewers for JCTB Framework).



Through the whole week, we had meetings with 17 institutions such as debt management offices, central banks, commercial banks, government-affiliated agencies, an asset manager, consultant, and a hedge fund and so on. After we shared the story and progress of Japan's ongoing Green Transformation (GX) policy, they gave us a wide range of questions; future direction of the policy, feedback of JCTBs from both domestic and foreign investors, details of Pro-Growth Carbon Pricing System, JCTBs' secondary market conditions and so on. On the whole, we were able to have meaningful discussions with them on our GX policy, sustainable related efforts each country has made in terms of debt management strategy, global trends of sustainable bond market, and more.

We would like to express our deepest gratitude for all parties involved. We hope we will keep conversing with each other on the progress of our efforts.





### **IR Office**

### 2. Farewell greeting from IR Team members

Three of our members, Mr. Iida, Mr. Suzuki and Mr. Yamada, are going to leave our IR team at the end of March 2025. They were committed to promoting relationships with foreign investors. Here are comments from our three leaving members.

### Mr. Iida

The experience of being a member of the JGB IR team for 2 years is very valuable to me. At first, I was overwhelmed that so many investors became more interested in the JGB market than before as their expectations of monetary policy changes increased. In fact, the BoJ ended its NIRP and started interest rate hikes during the last 2 years. And I listened to the real opinions of investors on this by literally travelling all over the world, including the U.S., the U.K., Singapore, the U.A.E., and others. All IR roadshows were very exciting, and many investors have shared their insights, which helped me understand market conditions. I hope the strong relationship between our team and investors will be maintained. I would like to make the most of this experience not only

for myself, but also for society.

### Mr. Suzuki

Working at the Ministry of Finance for 2 years was a valuable experience for me. I had many chances to hear the investment policies and interest in JGB of various investors on issuing authorities' side amid significant changes in financial markets due to the Bank of Japan's interest rate hikes and interest rate cuts in various countries, etc. Moreover, I went on a business trip to Paris to attend the annual meeting of the OECD Working Party on Debt Management as a representative of Japan. I would like to make use of the experience and knowledge gained while working at the Ministry of Finance in my future career.



From left to right, Mr. Suzuki, Mr. Yamada, and Mr. Iida

### Mr. Yamada

As the environment surrounding JGBs has changed due to the normalization of monetary policy and various investors are paying attention to JGBs, it was a very valuable opportunity for me to be involved in JGB IR activities. During my two-year tenure, I visited North America, Europe, Asia, and Oceania to meet with foreign investors and hold seminars overseas. I was also in charge of editing this newsletter, so I was very happy to receive feedback from the meetings. JGB continues to be in a historic phase, so I hope you will pay attention to JGB's development and our IR activities. Our team always welcomes your questions and opinions. I really appreciate all of you!



# JGB Primary Market: Auction Results

Bonds (Until 28 February 2025)

| _0           |  |                 |                  |                   |  |   |  |                                  |   |   |  |
|--------------|--|-----------------|------------------|-------------------|--|---|--|----------------------------------|---|---|--|
| Auction Date | Type of Security                         | Issue<br>Number | Maturity<br>Date | Nominal<br>Coupon | Amounts of<br>Competitive<br>Bids<br>(billion yen) | Amounts of<br>Bids<br>Accepted<br>(billion yen) | Yield<br>at the<br>Lowest<br>Accepted<br>Price | Yield at the<br>Average<br>Price | Amounts of Non- Competitive Bids Tendered /Accepted (billion yen) | Amounts of<br>Bids<br>Accepted<br>at the<br>Non-price-<br>competitive<br>Auction I<br>(billion yen) | Amounts of<br>Bids<br>Accepted<br>at the<br>Non-price-<br>competitive<br>Auction II<br>(billion yen) |
| 12/3/2024    | 10-year                                  | 376             | 9/20/2034        | 0.9%              | 6,210.7  | 1,993.4   | 1.089%   | 1.084%                           | 0.418   | 605.8   | 214.2  |
| 12/5/2024    | 30-year                                  | 84              | 9/20/2054        | 2.1%              | 2,351.6  | 680.5   | 2.294%   | 2.287%                           | -   | 218.8   | 8.0  |
| 12/10/2024   | 5-year                                   | 174             | 9/20/2029        | 0.7%              | 7,734.0  | 1,750.7   | 0.736%   | 0.734%                           | 0.000   | 548.4   | 229.2  |
| 12/17/2024   | 20-year                                  | 190             | 9/20/2044        | 1.8%              | 2,552.5  | 755.5   | 1.883%   | 1.879%                           | -   | 243.3   | 50.3   |
| 12/26/2024   | 2-year                                   | 468             | 1/1/2027         | 0.6%              | 7,899.8  | 2,001.5   | 0.605%   | 0.602%                           | 0.000   | 598.1   | 0.0  |
| 1/7/2025     | 10-year                                  | 377             | 12/20/2034       | 1.2%              | 6,591.4  | 1,963.5   | 1.141%   | 1.140%                           | 2.068   | 633.6   | 139.5  |
| 1/9/2025     | 30-year                                  | 85              | 12/20/2054       | 2.3%              | 2,569.4  | 690.2   | 2.305%   | 2.304%                           | -   | 208.9   | 61.6   |
| 1/14/2025    | 5-year                                   | 175             | 12/20/2029       | 0.9%              | 6,635.7  | 1,739.0   | 0.878%   | 0.876%                           | 0.105   | 560.4   | 0.0  |
| 1/16/2025    | 20-year                                  | 191             | 12/20/2044       | 2.0%              | 2,872.9  | 758.2   | 1.985%   | 1.983%                           | -   | 241.4   | 73.6   |
| 1/21/2025    | 40-year                                  | 17              | 3/20/2064        | 2.2%              | 1,924.9  | 699.5   | 2.570%   | -                                | -   | -   | 0.0  |
| 1/29/2025    | 5-year Japan Climate<br>Transition Bonds | 2               | 6/20/2029        | 0.5%              | 1,116.4  | 349.8   | 0.888%   | -                                | -   | -   | -  |
| 1/31/2025    | 2-year                                   | 469             | 2/1/2027         | 0.7%              | 7,976.2  | 1,964.4   | 0.730%   | 0.727%                           | 0.310   | 634.6   | 72.7   |
| 2/4/2025     | 10-year                                  | 377             | 12/20/2034       | 1.2%              | 6,244.7  | 1,963.2   | 1.263%   | 1.260%                           | 1.322   | 634.9   | 0.0  |
| 2/6/2025     | 30-year                                  | 85              | 12/20/2054       | 2.3%              | 2,528.6  | 675.7   | 2.294%   | 2.290%                           | -   | 223.9   | 43.7   |
| 2/12/2025    | 10-year Inflation-<br>Indexed Bonds      | 29              | 3/10/2034        | 0.005%            | 690.4  | 249.8   | -0.269%  | -                                | -   | -   | -  |
| 2/14/2025    | 5-year                                   | 176             | 12/20/2029       | 1.0%              | 6,110.3  | 1,737.7   | 0.989%   | 0.982%                           | 0.012   | 561.7   | 0.0  |
| 2/18/2025    | 20-year                                  | 191             | 12/20/2044       | 2.0%              | 2,331.2  | 762.9   | 2.067%   | 2.028%                           | -   | 236.5   | 0.0  |
| 2/27/2025    | 2-year                                   | 470             | 3/1/2027         | 0.8%              | 6,319.2  | 1,997.4   | 0.833%   | 0.826%                           | 0.001   | 601.8   | 0.0  |
|              |  |                 |                  |                   |  |   |  |                                  |   |   |  |

### **Treasury Discount Bills**

(Until 28 February 2025)

| r casar y    | <b>D</b> 1000a.     |                 |               |  |   |  |                                  | •  |
|--------------|---------------------|-----------------|---------------|--|---|--|----------------------------------|--|
| Auction Date | Type of<br>Security | Issue<br>Number | Maturity Date | Amounts of<br>Competitive<br>Bids<br>(billion yen) | Amounts of<br>Bids<br>Accepted<br>(billion yen) | Yield<br>at the<br>Lowest<br>Accepted<br>Price | Yield<br>at the<br>Average Price | Amounts of Bids Accepted at the Non-price- competitive Auction I (billion yen) |
| 12/6/2024    | 3-month             | 1273            | 3/17/2025     | 8,961.80   | 3,274.15  | 0.1583%  | 0.1475%                          | 1,025.80   |
| 12/9/2024    | 6-month             | 1274            | 6/10/2025     | 8,343.80   | 2,775.49  | 0.3073%  | 0.2952%                          | 724.50   |
| 12/13/2024   | 3-month             | 1275            | 3/24/2025     | 8,614.80   | 3,249.96  | 0.1546%  | 0.1453%                          | 1,050.00   |
| 12/18/2024   | 1-year              | 1276            | 12/22/2025    | 11,181.40  | 2,541.77  | 0.4857%  | 0.4796%                          | 658.20   |
| 12/20/2024   | 3-month             | 1277            | 3/31/2025     | 8,335.10   | 3,314.77  | 0.1453%  | 0.1255%                          | 985.20   |
| 1/7/2025     | 3-month             | 1278            | 4/7/2025      | 8,065.10   | 3,433.69  | 0.2462%  | 0.2178%                          | 1,066.30   |
| 1/9/2025     | 6-month             | 1279            | 7/10/2025     | 8,654.00   | 2,744.39  | 0.3717%  | 0.3535%                          | 755.60   |
| 1/10/2025    | 3-month             | 1280            | 4/14/2025     | 12,169.10  | 3,427.66  | 0.2516%  | 0.2402%                          | 1,072.30   |
| 1/16/2025    | 1-year              | 1281            | 1/20/2026     | 8,957.60   | 2,442.47  | 0.5601%  | 0.5429%                          | 757.50   |
| 1/17/2025    | 3-month             | 1282            | 4/21/2025     | 12,270.50  | 3,430.06  | 0.3653%  | 0.3544%                          | 1,069.90   |
| 1/23/2025    | 3-month             | 1283            | 4/28/2025     | 13,063.65  | 3,433.07  | 0.3733%  | 0.3657%                          | 1,066.90   |
| 1/31/2025    | 3-month             | 1284            | 5/7/2025      | 12,467.65  | 3,426.68  | 0.3397%  | 0.3248%                          | 1,073.30   |
| 2/6/2025     | 6-month             | 1285            | 8/12/2025     | 10,186.50  | 2,693.09  | 0.3756%  | 0.3716%                          | 806.90   |
| 2/7/2025     | 3-month             | 1286            | 5/12/2025     | 10,752.80  | 3,440.46  | 0.3291%  | 0.3110%                          | 1,059.50   |
| 2/14/2025    | 3-month             | 1287            | 5/19/2025     | 9,987.50   | 3,430.44  | 0.3211%  | 0.3098%                          | 1,069.50   |
| 2/19/2025    | 1-year              | 1288            | 2/20/2026     | 8,519.70   | 2,444.69  | 0.6228%  | 0.6107%                          | 755.30   |
| 2/21/2025    | 3-month             | 1289            | 5/26/2025     | 10,049.70  | 3,429.49  | 0.3226%  | 0.3096%                          | 1,070.50   |
| 2/28/2025    | 3-month             | 1290            | 6/2/2025      | 9,419.41   | 3,455.88  | 0.3432%  | 0.3255%                          | 1,044.10   |



### JGB Primary Market: Auction Calendar

| M | ar | ch | 2025 |
|---|----|----|------|
|   |    |    |      |

| Auction<br>Date | Issue  |
|-----------------|--|
| 3/4             | 10-year  |
| 3/6             | T-Bills (6-month)  |
| 3/6             | 30-year  |
| 3/7             | T-Bills (3-month)  |
| 3/10            | 5-year   |
| 3/12            | 20-year  |
| 3/14            | T-Bills (3-month)  |
| 3/14            | Liquidity Enhancement<br>Auction (remaining<br>maturities of 1-5 years)    |
| 3/18            | T-Bills (1-year)   |
| 3/21            | T-Bills (3-month)  |
| 3/25            | Liquidity Enhancement<br>Auction (remaining<br>maturities of 5-15.5 years) |
| 3/27            | 40-year  |
| 3/28            | T-Bills (3-month)  |
| 3/31            | 2-year   |

### **April 2025**

| Auction<br>Date | Issue  |
|-----------------|--|
| 4/3             | 10-year  |
| 4/4             | T-Bills (3-month)  |
| 4/8             | 30-year  |
| 4/9             | T-Bills (6-month)  |
| 4/10            | 5-year   |
| 4/11            | T-Bills (3-month)  |
| 4/15            | 20-year  |
| 4/17            | T-Bills (1-year)   |
| 4/17            | Liquidity Enhancement<br>Auction (remaining<br>maturities of 5-15.5 years)     |
| 4/18            | T-Bills (3-month)  |
| 4/22            | Liquidity Enhancement<br>Auction (remaining<br>maturities of 15.5-39<br>years) |
| 4/24            | 2-year   |
| 4/25            | T-Bills (3-month)  |

### May 2025

|                 | Way 2025   |
|-----------------|--|
| Auction<br>Date | Issue  |
| 5/2             | T-Bills (3-month)  |
| 5/2             | Liquidity Enhancement<br>Auction (remaining<br>maturities of 1-5 years)    |
| 5/8             | T-Bills (6-month)  |
| 5/8             | 10-year  |
| 5/9             | T-Bills (3-month)  |
| 5/13            | 30-year  |
| 5/15            | 5-year   |
| 5/16            | T-Bills (3-month)  |
| 5/19            | T-Bills (1-year)   |
| 5/20            | 20-year  |
| 5/22            | 10-year Inflation-Indexed<br>Bonds   |
| 5/23            | T-Bills (3-month)  |
| 5/26            | Liquidity Enhancement<br>Auction (remaining<br>maturities of 5-15.5 years) |
| 5/28            | 40-year  |
| 5/30            | T-Bills (3-month)  |
| 5/30            | 2-year   |
|                 |  |

Note 1: The above calendar may be changed or added in light of changes in circumstances. In such cases, it will be announced in advance. Note 2: Each issue amount will be announced about one week prior to each auction date.

# Top10 PDs for Successful Bids in Auctions (Weighted by Duration) Jul. 2024 - Dec. 2024

# Mitsubishi UFJ Morgan Stanley Securities Co., Ltd. Mizuho Securities Co., Ltd. Daiwa Securities Co. Ltd. SMBC Nikko Securities Inc. Nomura Securities Co., Ltd. JPMorgan Securities Japan Co., Ltd. Citigroup Global Markets Japan Inc. Deutsche Securities Inc. Goldman Sachs Japan Co., Ltd. Barclays Securities Japan Limited

### Top5 PDs for Successful Bids of JGBi FY2023

- 1 Mizuho Bank, Ltd.
- 2 Goldman Sachs Japan Co., Ltd.
- 3 Mitsubishi UFJ Morgan Stanley Securities Co., Ltd.
- 4 Morgan Stanley MUFG Securities Co., Ltd.
- 5 SMBC Nikko Securities Inc.

# Top5 PDs for Successful Bids of Japan Climate Transition Bonds FY2023

- 1 Daiwa Securities Co. Ltd.
- 2 Mitsubishi UFJ Morgan Stanley Securities Co., Ltd.
- 3 JPMorgan Securities Japan Co., Ltd.
- 4 SMBC Nikko Securities Inc.
- 5 Nomura Securities Co., Ltd.



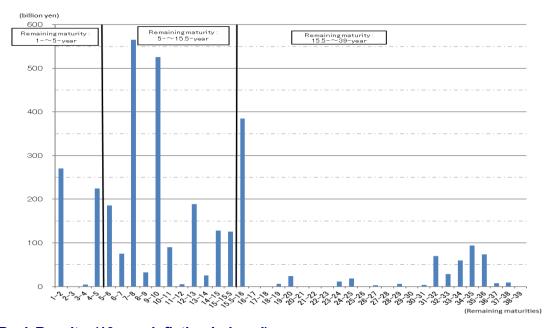
# **Liquidity Enhancement Auctions and JGB Buy-Back**

### **Results of Liquidity Enhancement Auctions**

(Until 28 February 2025)

| Auction Date | Amounts of<br>Competitive<br>Bids<br>(billion yen) | Amounts of<br>Bids<br>Accepted<br>(billion yen) | Average<br>Accepted<br>Spread | Highest<br>Accepted<br>Spread | Issues Re-opened   |
|--------------|--|---|-------------------------------|-------------------------------|--|
| 12/12/2024   | 2,309.2  | 648.5   | 0.005%                        | 0.005%                        | 10-year (358,371,373,374)<br>20-year (115,116,117,119,145,146,147,148,149,150,152,153)<br>30-year (4,6,9,12,13)    |
| 12/24/2024   | 1,263.3  | 398.9   | -0.017%                       | -0.016%                       | 20-year (173,174,175)<br>30-year (43,44,59,60,61,62,63,72,73,79)<br>40-year (9,10,11,12,13,14)                     |
| 1/23/2025    | 1,928.8  | 499.1   | -0.005%                       | -0.003%                       | 5-year (152,156,166)<br>10-year (346,351,352,353,354,355,356,357)<br>20-year (95,107,109,110,113,114,115)          |
| 1/27/2025    | 2,441.2  | 649.2   | -0.023%                       | -0.020%                       | 10-year (358,359)<br>20-year (116,117,120,145)<br>30-year (3,7,8,9,17)   |
| 2/20/2025    | 1597.6   | 649.7   | -0.022%                       | -0.016%                       | 10-year (358,359)<br>20-year (116,117,118,119,121,123,138,140,141,170,171,172,173)<br>30-year (2,3,5,7,9,30,31,32) |
| 2/25/2025    | 999.3  | 399.9   | -0.039%                       | -0.024%                       | 20-year (174,175,176,178,180,181)<br>30-year (42,43,44,45,51,52,55,59,60,61,62,63,64,65)<br>40-year (8,9,10,11,12) |

# Issuance Amounts by Remaining Maturity for Liquidity Enhancement Auctions (October-December 2024)

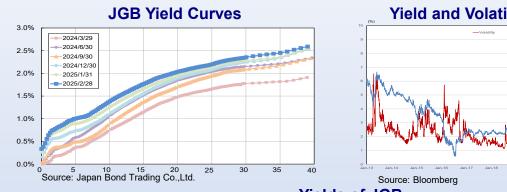


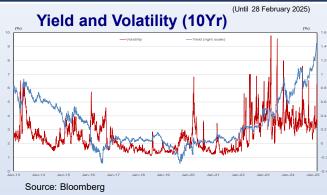
### **Buy-Back Results (10-year Inflation-Indexed)**

(Until 28 February 2025)

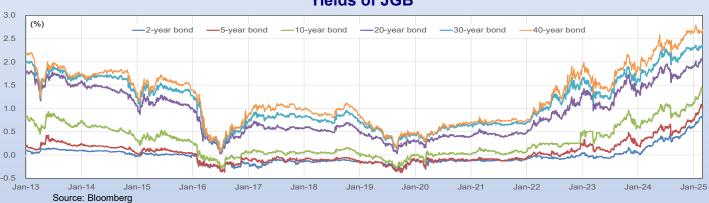
| Auction Date | Amounts of<br>Competitive Bids<br>(billion yen) | Amounts of Bids<br>Accepted<br>(billion yen) | Average<br>Accepted<br>Spread (yen) | Highest<br>Accepted<br>Spread (yen) |             | Issue Numbers |
|--------------|---|--|-------------------------------------|-------------------------------------|-------------|---------------|
| 11/6/2024    | 91.6  | 20.0   | -0.162                              | -0.11                               | 23,28       |               |
| 12/4/2024    | 54.5  | 20.0   | -0.029                              | 0.03                                | 25,29       |               |
| 1/15/2025    | 48.1  | 20.1   | -0.154                              | -0.06                               | 23,24,25,26 |               |
| 2/5/2025     | 34.0  | 20.1   | -0.097                              | -0.05                               | 23,27,28,29 |               |





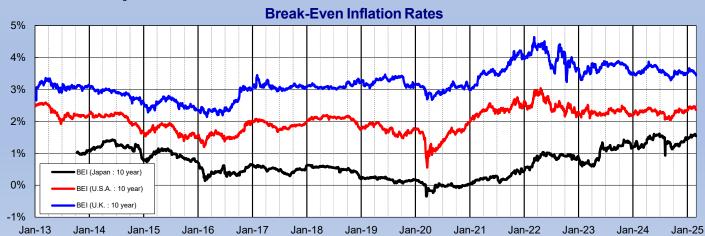


### Yields of JGB



### Long - Term Interest Rates (10Yr)





Note: BEI (Japan: 10 year) is calculated based on the compound interest rate of the new Inflation-Indexed Bonds and the 10-Year Bonds

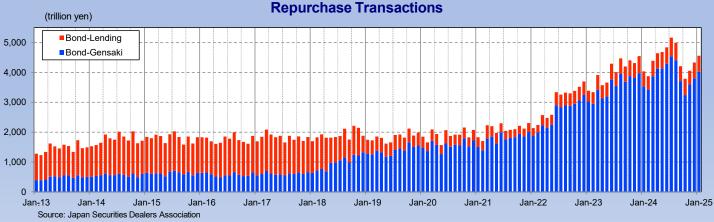
Source: Bloomberg





Note: Trading volume is the sum of sales and purchases including the trading volume of bonds with repurchase agreements. Source: Japan Securities Dealers Association

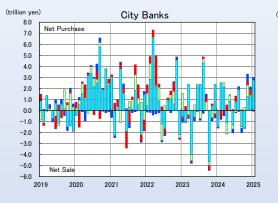


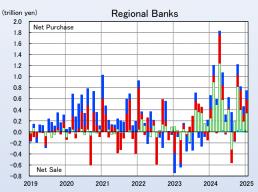


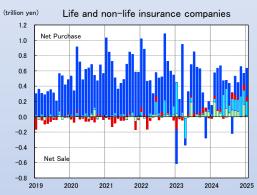
# **Investor Trends and JGB Outstanding**

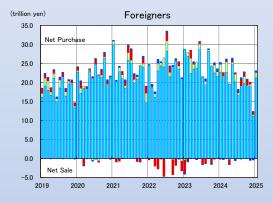
### Trends in JGBs Transactions (by investor type)







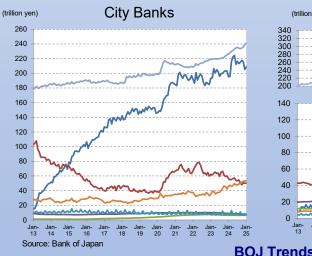


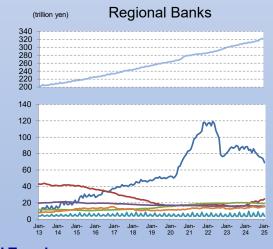


Source: Japan Securities Dealers Association

### **Trends in Bank Assets by Types**







|                |                                      |               | DOJ Helius  |
|----------------|--------------------------------------|---------------|---|
| (trillion yen) | QQE                                  | QQE2          | The end of NIRP and YCC                                 |
| 750 —<br>700 — |                                      |               |   |
| 650 —<br>600 — |                                      |               |   |
| 550 —<br>500 — |                                      |               |   |
| 450<br>400     |                                      | 1             |   |
| 350 —<br>300 — |                                      | 1             | — Total Assets — Monetary Base                          |
| 250 —<br>200 — | 1                                    |               | —JGBs   |
| 150            |                                      |               | — T-Bills   |
| 50             |                                      |               |   |
| Apr-1:         | 2 Apr-13 Apr-14<br>rce: Bank of Jana | Apr-15 Apr-16 | Apr-17 Apr-18 Apr-19 Apr-20 Apr-21 Apr-22 Apr-23 Apr-24 |

|                    | Apr 2013<br>(Actual) | February 2025<br>(Actual) |
|--------------------|----------------------|---------------------------|
| Monetary Base      | 155                  | 655                       |
|                    |                      |                           |
| JGBs               | 98                   | 587                       |
| T-Bills            | 36                   | 1.7                       |
| СР                 | 1.4                  | 1.5                       |
| Corporate<br>Bonds | 2.9                  | 4.9                       |
| ETFs               | 1.7                  | 37.2                      |
| J-REITs            | 0.13                 | 0.66                      |
|                    |                      |                           |

Total Assets 175 747

### Transactions of Foreign Securities by Residents (by Investor types)









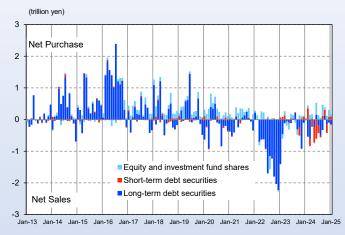
Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24 Jan-25

Source: Ministry of Finance

**Net Sales** 

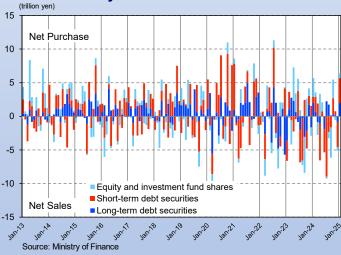
(trillion yen)

### Life Insurance Companies

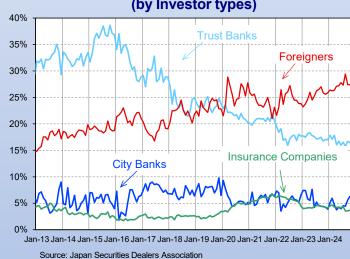


Source: Ministry of Finance

### **Transactions of Domestic Securities** by Non-Residents



### **Outstanding of Repurchase Agreements** (by Investor types)



**Foreign Investors Presence** 



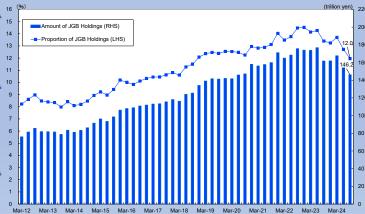
Note 1: Quarterly basis.

Note 2: "JGB" includes T-Bills.

Note 3: The figures excludes dealers' transactions.

Sources: Bank of Japan, Japan Securities Dealers Association, Japan Exchange Group, Inc.

### JGBs Holdings by Foreign Investors

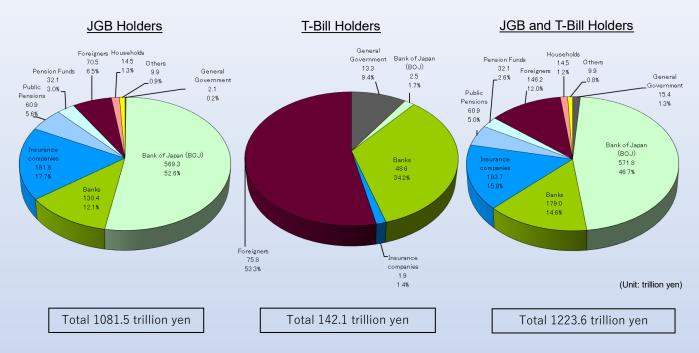


Note 1: Quarterly basis. Note 2: "JGB" includes "FILP Bonds" and "T-Bills".

Source: Bank of Japan

\*years to maturity

### Breakdown by JGB and T-Bill Holders (The end of Sep. 2024)



Note 1: "JGB" includes "FILP Bonds."

Average YTM (excluding JGBs for Retail Investors)

8Y0M

8Y5M

**8Y8M** 

8Y11M

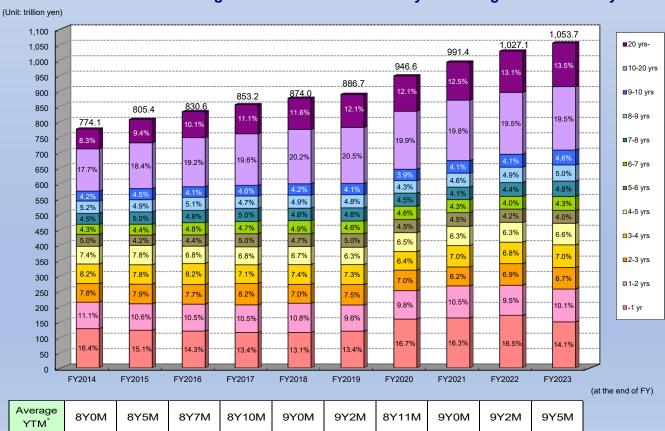
Note 2: "Banks" includes "Japan Post Bank," "Securities investment trusts," "Securities companies," etc.

Note 3: "Insurance companies" includes "Life insurance," "Nonlife insurance," and "Mutual aid insurance."

Note 4: "General Government" excludes "Public Pensions."

Source: Bank of Japan "Flow of Funds Accounts (Preliminary Figures)" (December 18, 2024)

### Breakdown of Outstanding Amount of General Bonds by Remaining Years to Maturity



9Y2M

8Y11M

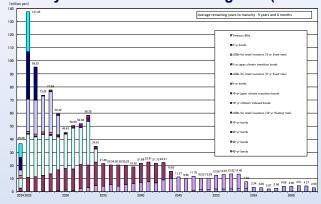
9Y0M

9Y2M

9Y5M

9Y1M

### Time-to-Maturity Structure of Outstanding JGB (December, 2024)



Note: Figures may not sum up to the total because of rounding Source: Ministry of Finance

### Scheduled redemption of JGB at maturity in March, 2025 (FY)

| Types                           | The amount of redemption at maturity | Date of redemption |
|---------------------------------|--------------------------------------|--------------------|
| 2-Year Bonds                    | 3,068.8                              | 3/1/2025           |
| 10-Year Inflation-Indexed Bonds | 2,020.0                              | 3/10/2025          |
| 20-Year Bonds                   | 3,112.5                              | 3/20/2025          |
| 10-Year Bonds                   | 8,395.6                              | 3/20/2025          |
| 5-Year Bonds                    | 6,060.0                              | 3/20/2025          |
| Treasury Bills (1-Year)         | 3,500.0                              | 3/21/2025          |
| Total                           | 26,156.9                             |                    |

Note 1: The figures are based on the outstanding JGBs at the end of January, 2025.

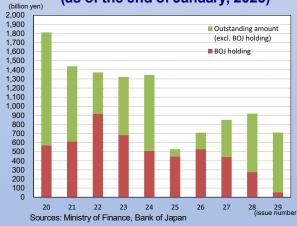
Note 2: The figures are the scheduled redemption at maturity and may be different from the actual redemption due to Buy-back of JGBs.

Note 3: About Inflation-Indexed Bonds, the amount of redemption at maturity is adopted the inflation-adjusted principal as of January 31, 2025.

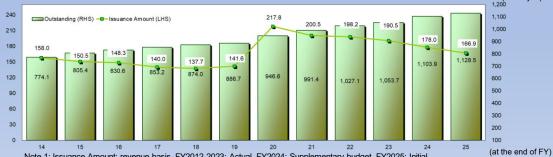
Note 4: The figures do not include "JGB for Retail Investors."

Note 5: If date of redemption coincides with bank holiday, the payment of redemption is carried out on the following business day. Note 6: Figures may not sum up to the total because of rounding.

### Market-held Balance of the Inflation-Indexed Bonds (as of the end of January, 2025)







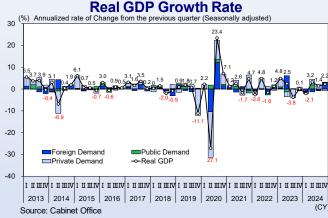
Note 1: Issuance Amount: revenue basis, FY2012-2023: Actual, FY2024: Supplementary budget, FY2025: Initial Note 2: Outstanding: nominal basis, FY2012-2023: Actual, FY2024: Supplementary budget, FY2025: Initial

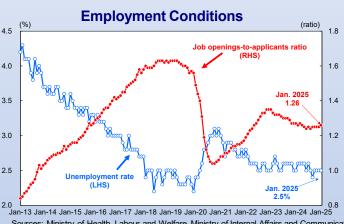
Source: Ministry of Finance

(trillion yen)

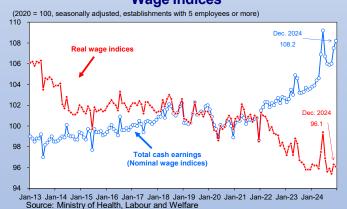


### **Economic and Financial Trends**

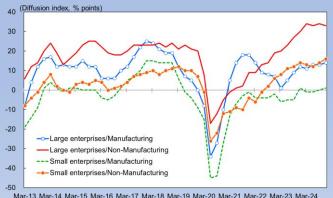




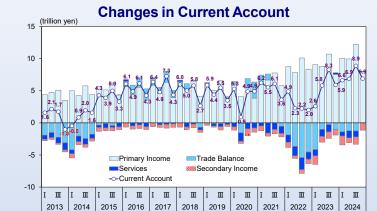


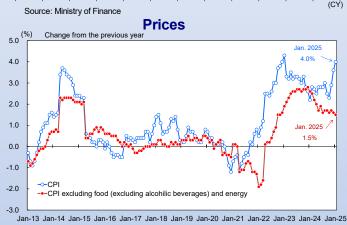


### **TANKAN** (Business Conditions)

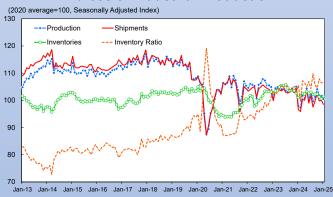


Mar-13 Mar-14 Mar-15 Mar-16 Mar-17 Mar-18 Mar-19 Mar-20 Mar-21 Mar-22 Mar-23 Mar-24 Source: Bank of Japan



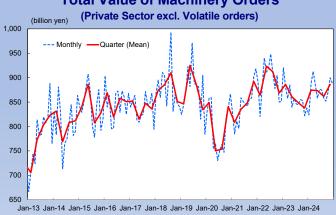


### Indices of Industrial Production



# Source: Ministry of Economy, Trade and Industry

### **Total Value of Machinery Orders**





# Information

| English Publications on JGBs               | Frequency    | URL   |
|--|--------------|---|
| Debt Management                            |              |   |
| Message from the Financial Bureau          | As needed    | https://www.mof.go.jp/english/jgbs/debt_management/message.htm                          |
| About JGBs                                 | As needed    | https://www.mof.go.jp/english/jgbs/debt_management/guide.htm                            |
| About the Debt Management Policy           | As needed    | https://www.mof.go.jp/english/jgbs/debt_management/about.htm                            |
| JGB Issuance Plan                          | As needed    | https://www.mof.go.jp/english/jgbs/debt_management/plan/index.htm                       |
| Auction Calendar                           |              |   |
| Auction Calendar                           | Monthly      | https://www.mof.go.jp/english/jgbs/auction/calendar/index.htm                           |
| Historical Data of Auction Results         | Monthly      | https://www.mof.go.jp/english/jgbs/auction/past auction results/index.html              |
| Topics                                     |              |   |
| Product Characteristics of the JGB         | As needed    | https://www.mof.go.jp/english/jgbs/topics/bond/index.html                               |
| Treasury Discount Bills (T-Bills)          | As needed    | https://www.mof.go.jp/english/jgbs/topics/t_bill/index.htm                              |
| Japan Climate Transition Bonds             | As needed    | https://www.mof.go.jp/english/policy/jgbs/topics/JapanClimateTransitionBonds/index.html |
| Japanese Government Guaranteed Bonds       | Annual       | https://www.mof.go.jp/english/jgbs/topics/gov_guaranteed_bonds/index.htm                |
| Interest Rate Swap                         | Semiannual   | https://www.mof.go.jp/english/jgbs/topics/swap/index.htm                                |
| Taxation of Government Bonds               | As needed    | https://www.mof.go.jp/english/jgbs/topics/taxation2016/index.html                       |
| For Individual Investors                   | As needed    | https://www.mof.go.jp/english/jgbs/topics/individual/index.htm                          |
| Data                                       |              |   |
| Central Government Debt                    | Quarterly    | https://www.mof.go.jp/english/jgbs/reference/gbb/index.htm                              |
| Interest Rate                              | Daily        | https://www.mof.go.jp/english/jgbs/reference/interest_rate/index.htm                    |
| STRIPS                                     | Quarterly    | https://www.mof.go.jp/english/jgbs/reference/jgbstat/index.htm                          |
| Dialogue with the market                   |              |   |
| Study Group on Government Debt Management  | Each Meeting | https://www.mof.go.jp/english/about_mof/councils/study_gov_debt_management/index.html   |
| Meeting of JGB Market Special Participants | Each Meeting | https://www.mof.go.jp/english/about_mof/councils/jgbsp/index.html                       |
| Meeting of JGB Investors                   | Each Meeting | https://www.mof.go.jp/english/about_mof/councils/jgb_investor/index.html                |
| Publications                               |              |   |
| Debt Management Report                     | Annual       | https://www.mof.go.jp/english/jgbs/publication/debt_management_report/index.htm         |
| JGB Newsletter                             | Monthly      | https://www.mof.go.jp/english/jgbs/publication/newsletter/index.htm                     |

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https://www.mof.go.jp/english/policy/jgbs/publication/newsletter/index.htm

Debt Management Policy Division, Financial Bureau, Ministry of Finance

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