

December
2024
Newsletter

JAPANESE GOVERNMENT BONDS

Ministry of Finance, Japan



(Cover photo) Matsuyama Castle in Matsuyama, Ehime.

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

As the Christmas season approaches in Japan, streets come alive with beautiful illuminations and festive decorations, creating a lively and cheerful atmosphere perfect for spending time with loved one and friends. December is also a special time of year, filled with unique events to mark the end of the year. Why not visit Japan during this season to experience the charm of winter? Enjoy delicious hot pot dishes and immerse yourself in the heartwarming traditions and stunning scenery from Christmas through the New Year.

For this newsletter, we covered several events relevant to JGB investors. First, the MOF released a revision of the JGB issuance plan for FY2024 on November 29, 2024. Second, the Cabinet Office released its second preliminary GDP estimate (Jul.-Sep. 2024) on December 9. Finally, on November 22, Mr. Nobuki Sato, Director of the Debt Management Policy Division, Finance Bureau, participated as a panelist at the “ICMA & JSDA Annual Sustainable Bond Conference 2024.” Additionally, in early November, Mr. Arase, Director for the Debt Management and IR Office, Ms. Tomofuji, staff member, and Mr. Yamada, researcher, visited London and Paris to take part in an international conference and conduct IR activities. Furthermore, in mid-November, Mr. Yano and Mr. Yamauchi visited Kuwait, Qatar, and the UAE (Dubai and Abu Dhabi) to meet with investors such as SWFs, central banks, commercial banks, asset management firms, and other financial institutions.

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What's New: Alternation in the JGB Issuance Plan for FY2024

The MOF released a revision of the JGB issuance plan for FY2024 on November 29, 2024 in line with the supplementary budget for FY2024. The following are the key points of the MOF's announcement.

- The issuance amount of Newly-Issued Bonds will increase by 6.7 trillion yen compared to the initial FY2024 JGB issuance plan.
- The total issuance amount will increase by 5.5 trillion yen with the issuance amount of Refunding Bonds decreasing.
- As for financing methods, JGB Market Issuance (Calendar Base) will increase by 2.4 trillion yen (see the first row of the right table below). Specifically, TBs (6-Month) issuance amount will increase by 2.4 trillion yen (see the red-framed sections of the Market Issuance Plan by Issue (FY2024) table on the next page).

FY2024 JGB Issuance Plan

<Breakdown by Legal Grounds>		(billion yen)		
	FY2024(Initial)	FY2024(Supplementary Budget)		
	(a)	(b)	(b) - (a)	
Newly-issued Bonds	35,449.0	42,139.0	6,690.0	
Construction Bonds	6,579.0	9,659.0	3,080.0	
Special Deficit-Financing Bonds	28,870.0	32,480.0	3,610.0	
Reconstruction Bonds	146.1	26.0	▲ 120.1	
GX Economy Transition Bonds	663.3	1,401.2	737.9	
Children Special Bonds	221.9	221.9	—	
FILP Bonds	10,000.0	9,500.0	▲ 500.0	
Refunding Bonds	135,515.4	134,181.4	▲ 1,333.9	
Total	181,995.6	187,469.5	5,473.9	

<Breakdown by Financing Methods>		(billion yen)		
	FY2024(Initial)	FY2024(Supplementary Budget)		
	(a)	(b)	(b) - (a)	
JGB Market Issuance (Calendar Base)	171,000.0	173,400.0	2,400.0	
Non-Price Competitive Auction II, etc.	5,265.0	7,133.8	1,868.8	
Adjustment between fiscal years	530.6	796.1	265.5	
Subtotal Financed in the Market	176,795.6	181,329.9	4,534.3	
Sales for Households	3,500.0	4,439.6	939.6	
BOJ Rollover	1,700.0	1,700.0	—	
Total	181,995.6	187,469.5	5,473.9	

• Buy-back program in FY2024 is planned to be implemented based on market conditions and through discussions with market participants.

• The maximum amount of front-loading issuance of Refunding Bonds in FY2024 is 44.5 trillion yen.

(Note 1) Figures may not sum up to the total because of rounding.

(Note 2) "JGB Market Issuance (Calendar Base)" refers to JGBs issued at face value by scheduled auctions from April to next March (periodic auctions).

(Note 3) Non-Price Competitive Auction II is an additional issuance for JGB Market Special Participants after the normal auction (The amount assignable to each Market Special Participant does not exceed 10% of the amount awarded to it in the normal auction), and the price for the additional issuance is equal to the weighted average accepted price in the normal auction.

The amount of the non-price competitive auction II of the Initial Plan for FY2024 is calculated by multiplying the amount of "JGB Market Issuance (Calendar Base)" (40-year, 30-year, 20-year, 10-year, 5-year and 2-year bonds) by 4.5%. (The amount in the supplementary budget for FY2024 reflects its actual revenue by 6.0%).

"Non-Price Competitive Auction II, etc." includes estimated gap between the amount of the Calendar Base (of the bonds listed above) at face value and actual revenues of the auctions, in addition to the issuance of Non-Price Competitive Auction II.

(Note 4) "Adjustment between fiscal years" refers to leveling-off of the issuance between fiscal years through front-loading issuance and deferred issuance during an accounting adjustment period.

(Note 5) Children Special Bonds will be issued depending on the need as bridging finance in order not to be short of financial resources until stable financial resources will be secured by FY2028 for strengthening child and child-rearing policies radically.

Details: https://www.mof.go.jp/english/policy/jgbs/debt_management/plan/issuanceplan241129.pdf

Market Issuance Plan by Issue (FY2024)

(trillion yen)

	FY2024(Initial)				FY2024(Supplementary Budget)			
	(per time)		(total : a)		(per time)		(total : b)	
40-Year	0.7	×	6	times 4.2	0.7	×	6	times 4.2
30-Year	0.9	×	12	times 10.8	0.9	×	12	times 10.8
20-Year	1.0	×	12	times 12.0	1.0	×	12	times 12.0
10-Year	2.6	×	12	times 31.2	2.6	×	12	times 31.2
5-Year	2.3	×	12	times 27.6	2.3	×	12	times 27.6
2-Year	2.6	×	12	times 31.2	2.6	×	12	times 31.2
TBs				38.4				40.8
10-Year Inflation-indexed	0.25	×	4	times 1.0	0.25	×	4	times 1.0
Japan Climate Transition Bonds				1.4				1.4
Liquidity enhancement auction				13.2				13.2
Total				171.0				173.4
								2.4

Figure.1 Issuance for TBs

	FY2024 (Initial) (a)	FY2024 (Supplementary Budget) (b)	(b) - (a)
TBs (1-Year)	3.2 × 12 times 38.4	3.2 × 12 times 38.4	-
TBs (6-Month)	-	0.8 × 3 times 2.4	2.4

Figure.2 Issuance for Japan Climate Transition Bonds

	FY2024 (Initial) (a)	FY2024 (Supplementary Budget) (b)	(b) - (a)
10-Year	0.35 × 2 times 0.7	0.35 × 2 times 0.7	-
5-Year	0.35 × 2 times 0.7	0.35 × 2 times 0.7	-

Figure.3 Issuance by Zones for Liquidity Enhancement Auctions

	FY2024 (Initial) (a)	FY2024 (Supplementary Budget) (b)	(b) - (a)
15.5-30 Year	3.0	2.8	▲0.4
5-15.5 Year	7.2	7.8	0.4
1-5 Year	3.0	3.0	-

(Note 1) The issuance of the fiscal year can be changed based on discussions with market participants in response to market circumstances and issuance conditions.

(Note 2) The 40-year bond will be issued in May, July, September, November, January and March.

(Note 3) Treasury Bills (TBs) are jointly issued with Financing Bills (FBs), under unified names of Treasury Discount Bills (T-Bills). The maturity of TBs, its issuance, and the number of auctions may be adjusted in a flexible manner in response to market circumstances and demands of investors, thus the maturity and the issuance on the table (Figure 1) be subject to an adjustment.

(Note 4) The 10-year inflation-indexed bond is planned to be issued in May, August, November and February. The issuance may be adjusted in a flexible manner in response to market circumstances and demands of investors, which will be determined based on discussions with market participants.

(Note 5) "Japan Climate Transition Bonds" means GX Economy Transition Bonds and its Refunding Bonds issued as financial instruments based on a framework regulating the Use of Proceeds. The issuance amount in FY2024 showed on the table above takes account of the issuance as Refunding Bonds and deferred issuance during an accounting adjustment period of FY2023 and FY2024.

10-Year Japan Climate Transition Bonds will be issued in May and October, and 5-Year Japan Climate Transition Bonds will be issued in July and January.

The issuance is assumed to be implemented according to the table (Figure.2), and adjusted in a flexible manner in response to market circumstances and demands of investors based on discussions with market participants.

(Note 6) The issuance of liquidity enhancement auction and its allocation among each zone may be adjusted in a flexible manner in response to market circumstances and demands of investors, which will be determined based on discussions with market participants, thus the issuance and zones on the table (Figure 3) be subject to an adjustment.

Details: https://www.mof.go.jp/english/policy/jgbs/debt_management/plan/calendar241129.pdf

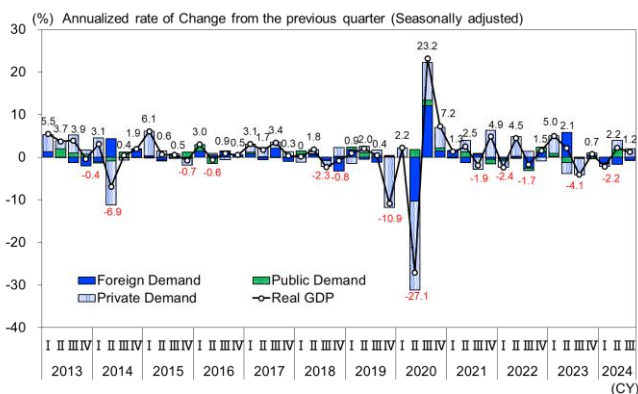
Monthly Topic: Quarterly Estimates of GDP for Jul.-Sep. 2024

The Cabinet Office released its second preliminary GDP estimate (Jul.-Sep. 2024) on December 9. Below is the summary.

- Seasonally adjusted quarterly Real GDP increased by 0.3% (annual rate 1.2%) from the previous quarter.
- Domestic Demand and Net Exports of Goods & Services contributed 0.5% points and -0.2% points, respectively.
- As for Domestic Demand, Private Consumption and Private Residential Investment increased by 0.7% and 0.4% respectively, while Private Non-Residential Investment decreased by 0.1%.
- On the other hand, Government Consumption increased by 0.1%, while Public Investment decreased by 1.1%.

See the development of Real GDP below.

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



Source: Cabinet Office

(Chained (2015) yen ; %)	※1				※2	
	2023		2024		2024	2024
	7-9	10-12	1-3	4-6	7-9	7-9
Gross Domestic Product [Annual Rate]	-1.0	0.2	-0.6	0.5	0.3	1.2
	[-4.1]	[0.7]	[-2.2]	[2.2]	[1.2]	***
Domestic Demand	-0.9	0.0	-0.2	1.0	0.5	2.0
	(-1.0)	(0.0)	(-0.2)	(1.0)	***	***
Private Demand	-1.3	0.2	-0.2	0.7	0.7	2.7
Private Consumption	-0.6	-0.1	-0.6	0.6	0.7	2.7
Consumption of Households [Excluding Imputed Rent]	-0.6	-0.1	-0.7	0.6	0.7	2.7
Private Residential Investment	-0.9	-0.9	-2.7	1.2	0.4	1.4
Private Non-Res. Investment	-0.3	2.0	-0.4	1.1	-0.1	-0.5
Change in Private Inventories	(-0.6)	(-0.1)	(0.4)	(-0.1)	***	(0.2)
Public Demand	-0.1	-0.3	-0.2	1.7	-0.1	-0.2
Government Consumption	0.5	-0.0	0.2	1.0	0.1	0.6
Public Investment	-2.1	-1.7	-2.1	5.2	-1.1	-4.3
Change in Public Inventories	(-0.0)	(0.0)	(0.0)	(-0.0)	***	(0.0)
Net Exports of Goods & Services ※3	(-0.1)	(0.1)	(-0.4)	(-0.4)	***	(-0.2)

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

※1 Changes from the previous quarter (seasonally adjusted)

※2 Annualized

※3 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.

Source: Cabinet Office

➡ For more information, please see:
https://www.esri.cao.go.jp/en/sna/data/sokuhou/files/2024/toukei_2024.html

IR Office

1. ICMA & JSDA Annual Sustainable Bond Conference 2024

*JSDA: Japan Securities Dealers Association

On November 22, Mr. Nobuki Sato, Director of the Debt Management Policy Division, Finance Bureau, participated as a panelist at the “ICMA & JSDA Annual Sustainable Bond Conference 2024.” We saw approximately 400 participants, including both domestic and foreign institutional investors.

Mr. Sato participated in a panel on Transition Finance, market development and standards with the moderator and other three panelists.

Here’s a summary of his comments:

- GX Economy Transition Bonds are not limited to be issued as financial instruments identical to existing government bonds. In February 2024, we issued Japan Climate Transition Bonds (JCTBs) as labelled bonds that obtained second party opinions from external reviewers for alignment with international standards. JCTBs will be issued with market demands in the same way as other JGBs.
- JCTBs were issued to procure funds for GX investments, to foster understanding of GX policies, and to promote the expansion of transition finance, both domestically and internationally.
- We will enter a phase proceeding with R&D and other activities to generate effects in line with the transition strategy by utilizing funds raised through JCTBs. The GX Acceleration Agency will play a role in promoting private GX investments using JCTBs as a catalyst.
- We are working towards establishing the JGB Issuance Plan for FY2025 including JCTBs. We are also planning to share new information on JCTBs like the upcoming capital allocation reporting on MOF’s website.
- We would like you to pay attention to the next JCTBs (5-Year Bonds) auction, which will be scheduled on January 29, 2025.



IR Office

2. OECD Working Party on Debt Management and IR Activities in London and Paris

Mr. Arase, Director for Debt Management and IR Office, Ms. Tomofuji, staff member, and Mr. Yamada, researcher, visited London and Paris at the beginning of November to take part in an international conference and conduct IR activities.

On November 6 and 7, we participated in the annual meeting of the OECD Working Party on Debt Management in Paris.



Senior level public debt managers from OECD member countries actively exchanged their views on the current situation and challenges in public debt management. Mr. Arase contributed to the discussion by making a presentation on “Effective investor relations in a shifting investor base landscape.” Japan is currently facing higher interest rates, contrary to the global trend, and we recognize the need to work to expand our investor base in order to implement secure and smooth issuance of government bonds, which is one of the basic objectives of our debt management policy. At the meeting, it was very helpful to learn about the experiences of various countries that have seen interest rates hike in the past couple of years.

In addition to the OECD conference, we met five institutional investors, such as asset management firms and a commercial bank with Credit Agricole Securities, which is a JGB/GX Promoter in London and Paris. We explained various topics, including Japan's economic outlook, fiscal conditions, debt management, and GX policy. Also, we visited the Debt Management Office and exchanged opinions on the latest government bonds market.



At these meetings, we received many comments and questions: the impact on the outlook for the issuance plan, how to secure stable JGB holders amid the normalization of the BOJ's monetary policy, the prediction of wage and inflation, etc. Some investors viewed Japan's steepening yield curve as more attractive than that of other major countries. Some were also interested in the impact of rising interest rates on fiscal policy and trends in JGBs. We firmly explained to them our efforts toward fiscal consolidation.

As for JCTBs, they were interested in the composition of investors, the demand for the latest auction, updates on the upcoming reporting, and so on.

Thanks to the investors and the support of Credit Agricole Securities, we were able to have a valuable opportunity to discuss Japan. We will refer to this visit in our debt management policy.

IR Office

Besides, during this business trip, the seminar “Japanese Government Bonds: A New Era” was held in London. Mr. Arase took part in “JGB Here Now” as a panelist at the seminar, and he discussed the market overview and domestic JGB investors’ perspectives, risks and challenges, and the outlook in the JGB market with other panelists. This seminar was organized by Bloomberg L.P. Approximately 100 people from banks, asset management firms, life insurance companies, etc. attended it. The summary of his explanation is as follows:



- There is an increase in the number of opinions from domestic investors that they have been shifting from other assets to JGBs because of the rise in interest rates following the BOJ's monetary policy changes. On the other hand, there are also opinions saying that they would like to keep their eyes on the market situation for a while and refrain from large-scale investment in JGBs, anticipating further interest rate hikes.
- We held the Study Group on Government Debt Management in May and June to discuss how to ensure stable issuance of government bonds in the future from a medium- to long-term perspective, and we got a recommendation from experts of the JGB market. We would like to consider necessary measures based on the needs of the market, while referring to the Study Group's recommendation.
- We are also paying close attention to improving liquidity in the government bond market, especially in the secondary market. While problems have been raised regarding the liquidity of existing bonds, we have increased the amount of Liquidity Enhancement Auctions, a mechanism for additional issuance of existing bonds, through dialogue with the market.
- Fiscal sustainability is one of the questions we receive most often from foreign investors, and we try to explain it carefully. If the market loses confidence in the JGBs, they will no longer be purchased. We always conduct our government debt management policy with a sense of urgency.



We would like to express our appreciation to all the investors we met during these activities, and we will continue to engage in discussions with investors to promote their JGB holdings.

IR Office

3. IR Activities in the Middle East

In mid-November, Mr. Yano and Mr. Yamauchi visited Kuwait, Qatar, and the UAE (Dubai and Abu Dhabi) to meet with investors such as SWFs, central banks, commercial banks, asset management firms, and other financial institutions. It was cold when we left Japan, but when we arrived in the Middle East, we were surprised to find it hot even in winter!

In these meetings, we presented Japan's economic outlook, fiscal condition, debt management policy, and GX policy. Of course, we explained about JCTBs and that a total of 2.65 trillion yen has been issued so far since February 2024.



We received plenty of questions and comments from investors, which made us realize that their interest in Japan's economy and JGBs has been growing significantly.

There were many questions, especially about the outlook for monetary policy, the sustainability of wage increases, Japan's strategy for economic growth, the JGB Issuance Plan, and so forth. We were impressed by their strong interests in the challenges facing Japan in addition to Japan's economy and fiscal environments.

Thanks to the cooperation of Mizuho Securities Co., Ltd., a JGB/GX promoter, we were able to meet with more than a dozen investors on this roadshow. It was a fruitful time for us to exchange views on not only the economic and industrial situations of each country but also Japan's potential with many investors. We would like to thank every person we met there. Looking forward to seeing you again!



JGB Primary Market: Auction Results

Bonds (Until 30 November 2024)

Auction Date	Type of Security	Issue Number	Maturity Date	Nominal Coupon	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Yield at the Lowest Accepted Price	Yield at the Average Price	Amounts of Non-Competitive Bids Tendered /Accepted (billion yen)	Amounts of Bids Accepted at the Non-price-competitive Auction I (billion yen)	Amounts of Bids Accepted at the Non-price-competitive Auction II (billion yen)
9/3/2024	10-year	375	6/20/2034	1.1%	6,292.8	1,984.2	0.925%	0.915%	1.347	613.9	0.0
9/5/2024	30-year	83	6/20/2054	2.2%	2,309.3	679.6	2.053%	2.043%	-	219.5	48.1
9/10/2024	5-year	172	6/20/2029	0.5%	6,559.1	1,745.0	0.525%	0.521%	1.000	553.1	223.5
9/12/2024	20-year	189	6/20/2044	1.9%	2,662.5	766.2	1.703%	1.690%	-	233.4	96.1
9/26/2024	40-year	17	3/20/2064	2.2%	1,804.3	699.4	2.340%	-	-	-	62.6
9/30/2024	2-year	465	10/1/2026	0.4%	7,476.4	1,959.8	0.397%	0.392%	0.174	639.2	181.2
10/3/2024	10-year	376	9/20/2034	0.9%	6,920.7	1,961.2	0.873%	0.871%	2.338	635.5	211.4
10/8/2024	30-year	84	9/20/2054	2.1%	2,272.8	679.7	2.157%	2.152%	-	219.5	47.0
10/10/2024	5-year	173	9/20/2029	0.6%	6,513.6	1,744.7	0.568%	0.562%	1.070	553.5	0.0
10/22/2024	10-year Japan Climate Transition Bonds	2	3/20/2034	1.0%	1,160.0	350.0	0.943%	-	-	-	-
10/24/2024	20-year	190	9/20/2044	1.8%	2,361.5	777.6	1.820%	1.800%	-	222.0	0.0
10/29/2024	2-year	466	11/1/2026	0.5%	9,897.8	2,030.8	0.457%	0.454%	0.000	568.6	146.3
11/7/2024	10-year	376	9/20/2034	0.9%	6,376.1	2,034.9	1.002%	0.997%	0.322	564.3	0.0
11/11/2024	10-year Inflation-Indexed Bonds	29	3/10/2034	0.005%	885.0	249.8	-0.362%	-	-	-	-
11/13/2024	30-year	84	9/20/2054	2.1%	2,404.0	699.8	2.280%	2.271%	-	199.5	18.3
11/15/2024	5-year	174	9/20/2029	0.7%	6,664.1	1,750.5	0.710%	0.706%	0.350	548.4	29.2
11/21/2024	20-year	190	9/20/2044	1.8%	2,662.9	755.8	1.907%	1.898%	-	243.3	79.3
11/27/2024	40-year	17	3/20/2064	2.2%	1,564.6	699.6	2.550%	-	-	-	68.9
11/29/2024	2-year	467	12/1/2026	0.6%	7,184.5	1,979.4	0.589%	0.582%	0.150	620.0	0.0

Treasury Discount Bills (Until 30 November 2024)

Auction Date	Type of Security	Issue Number	Maturity Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Yield at the Lowest Accepted Price	Yield at the Average Price	Amounts of Bids Accepted at the Non-price-competitive Auction I (billion yen)
9/6/2024	3-month	1254	12/9/2024	14,560.90	3,468.67	0.0822%	0.0778%	1,131.30
9/9/2024	6-month	1255	3/10/2025	9,201.30	2,690.59	0.0907%	0.0867%	809.40
9/13/2024	3-month	1256	12/16/2024	10,854.70	3,468.96	0.0669%	0.0567%	1,131.00
9/18/2024	1-year	1257	9/22/2025	8,660.50	2,432.18	0.2762%	0.2622%	767.80
9/19/2024	3-month	1258	12/23/2024	12,235.60	3,494.18	0.0567%	0.0498%	1,105.80
9/27/2024	3-month	1259	1/8/2025	9,454.60	3,492.20	0.0365%	0.0047%	1,107.80
10/4/2024	3-month	1260	1/14/2025	12,021.00	3,514.16	0.0202%	0.0073%	1,085.80
10/9/2024	6-month	1261	4/10/2025	8,978.50	2,793.98	0.0862%	0.0702%	706.00
10/11/2024	3-month	1262	1/20/2025	10,976.70	3,242.48	0.0131%	0.0067%	1,057.50
10/17/2024	1-year	1263	10/20/2025	7,620.00	2,510.49	0.2987%	0.2886%	689.50
10/18/2024	3-month	1264	1/27/2025	10,541.10	3,360.05	0.0074%	0.0026%	939.90
10/25/2024	3-month	1265	2/3/2025	10,727.30	3,360.03	0.0074%	0.0011%	939.90
11/1/2024	3-month	1266	2/10/2025	9,587.20	3,380.26	0.0150%	0.0086%	919.70
11/7/2024	6-month	1267	5/12/2025	8,601.50	2,767.78	0.2007%	0.1886%	732.20
11/8/2024	3-month	1268	2/17/2025	8,094.00	3,366.38	0.0502%	0.0257%	933.60
11/15/2024	3-month	1269	2/25/2025	9,269.30	3,249.98	0.1419%	0.1276%	1,050.00
11/19/2024	1-year	1270	11/20/2025	7,736.40	2,463.68	0.4449%	0.4379%	736.30
11/22/2024	3-month	1271	3/3/2025	8,674.10	3,274.15	0.1341%	0.1210%	1,025.80
11/29/2024	3-month	1272	3/10/2025	8,960.00	3,274.20	0.1434%	0.1270%	1,025.80

JGB Primary Market: Auction Calendar

December 2024

Auction Date	Issue
12/3	10-year
12/5	30-year
12/6	T-Bills (3-month)
12/9	T-Bills (6-month)
12/10	5-year
12/12	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
12/13	T-Bills (3-month)
12/17	20-year
12/18	T-Bills (1-year)
12/20	T-Bills (3-month)
12/24	Liquidity Enhancement Auction (remaining maturities of 15.5-39 years)
12/26	2-year

January 2025

Auction Date	Issue
1/7	T-Bills (3-month)
1/7	10-year
1/9	T-Bills (6-month)
1/9	30-year
1/10	T-Bills (3-month)
1/14	5-year
1/16	T-Bills (1-year)
1/16	20-year
1/17	T-Bills (3-month)
1/21	40-year
1/23	T-Bills (3-month)
1/23	Liquidity Enhancement Auction (remaining maturities of 1-5 years)
1/27	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
1/29	5-year Japan Climate Transition Bonds
1/31	T-Bills (3-month)
1/31	2-year

February 2025

Auction Date	Issue
2/4	10-year
2/6	T-Bills (6-month)
2/6	30-year
2/7	T-Bills (3-month)
2/12	10-year Inflation-Indexed Bonds
2/14	T-Bills (3-month)
2/14	5-year
2/18	20-year
2/19	T-Bills (1-year)
2/20	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
2/21	T-Bills (3-month)
2/25	Liquidity Enhancement Auction (remaining maturities of 15.5-39 years)
2/27	2-year
2/28	T-Bills (3-month)

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)

Apr. - Sep. 2024

1	Mitsubishi UFJ Morgan Stanley Securities Co., Ltd.
2	Daiwa Securities Co. Ltd.
3	Mizuho Securities Co., Ltd.
4	Nomura Securities Co., Ltd.
5	JPMorgan Securities Japan Co., Ltd.
6	SMBC Nikko Securities Inc.
7	Citigroup Global Markets Japan Inc.
8	Deutsche Securities Inc.
9	Goldman Sachs Japan Co., Ltd.
10	Okasan Securities Co., Ltd.

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.

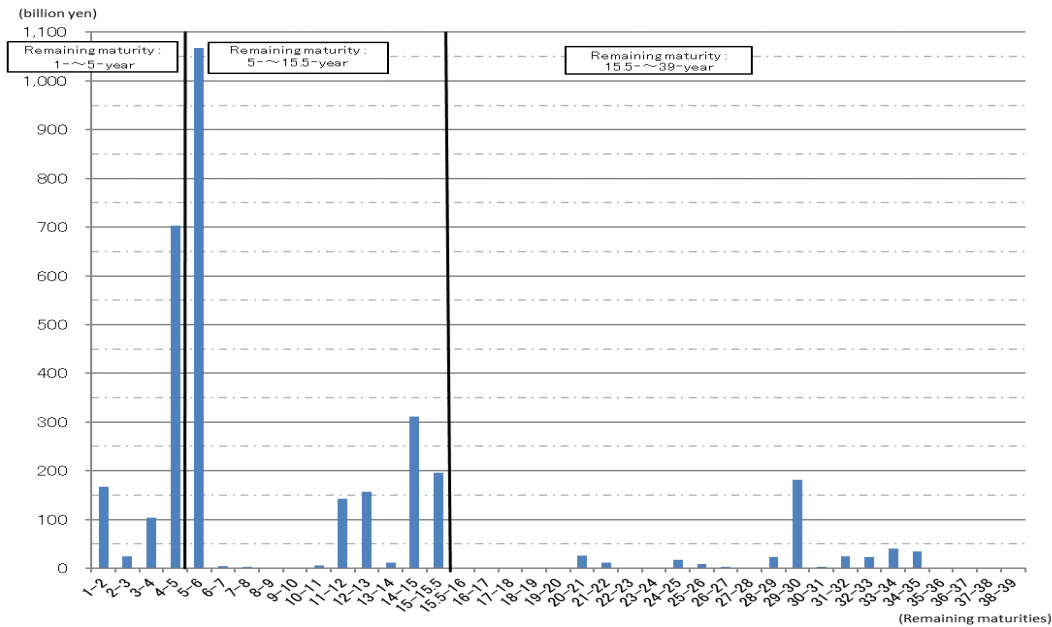
Liquidity Enhancement Auctions and JGB Buy-Back

Results of Liquidity Enhancement Auctions

(Until 30 November 2024)

Auction Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Average Accepted Spread	Highest Accepted Spread	Issues Re-opened
9/19/2024	1,915.3	649.4	0.013%	0.017%	10-year (356,357,358,359) 20-year (115,120) 30-year (2)
9/24/2024	1903.6	499.5	-0.043%	-0.041%	2-year (455,458) 5-year (145,149,150,153,161,167) 10-year (340,346,350,353,354,355) 20-year(81,82,83,102,111,112)
10/15/2024	1,636.8	649.3	0.006%	0.009%	10-year (357,358,359,365,366) 20-year (115,117,125,127,130,131,156,161,162,164,166,167,168) 30-year (6,7,19,27,30,31,32)
10/17/2024	1,278.7	399.3	-0.017%	-0.017%	20-year (173,174) 30-year (44,79) 40-year(8,9,11,12,13,15)
11/19/2024	2,197.2	648.7	-0.015%	-0.013%	10-year (357,358,359,361,362,363,365,366,367) 20-year (115,116,117,128,152,154,161,162,166,170,171,172) 30-year (27,29,31,32)
11/25/2024	1,953.6	499.2	-0.009%	-0.008%	5-year (147) 10-year (341,342,350,351,353,354,355,356) 20-year(83,87,113) 30-year (1)

Issuance Amounts by Remaining Maturity for Liquidity Enhancement Auctions (July-September 2024)



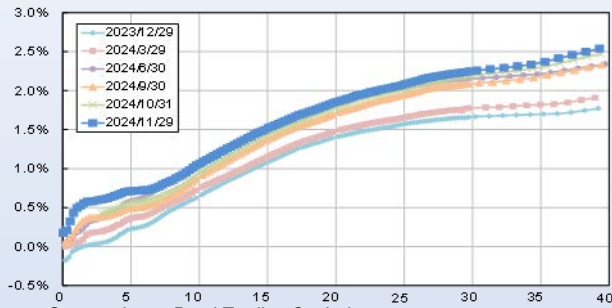
Buy-Back Results (10-year Inflation-Indexed)

(Until 30 November 2024)

Auction Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Average Accepted Spread (yen)	Highest Accepted Spread (yen)	Issue Numbers
8/7/2024	104.1	20.0	-0.401	-0.25	27,28,29
9/11/2024	72.6	20.0	-0.32	-0.32	26,27
10/9/2024	81.4	20.0	0.102	0.18	20,21,22,23,28,29
11/6/2024	91.6	20.0	-0.162	-0.11	23,28

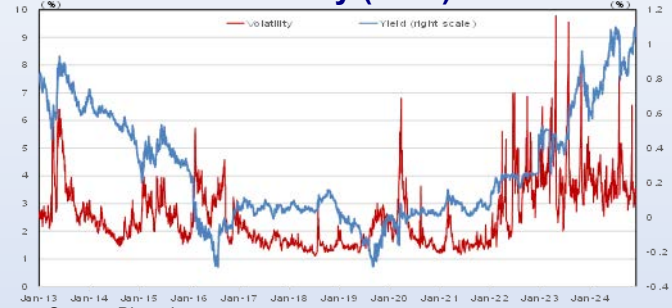
JGB Secondary Market

JGB Yield Curves



Yield and Volatility (10Yr)

(Until 30 November 2024)



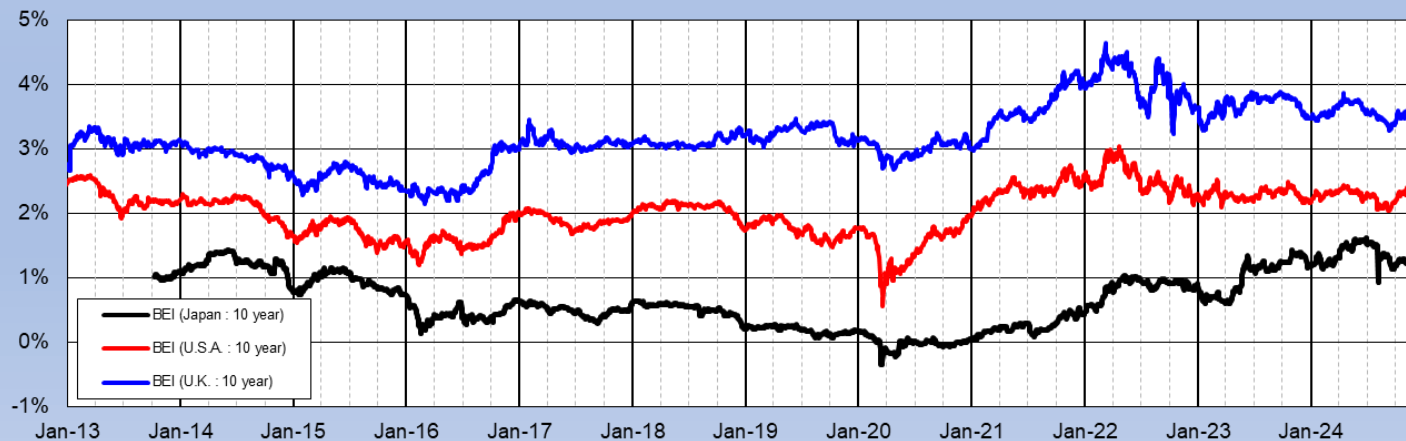
Yields of JGB



Long - Term Interest Rates (10Yr)

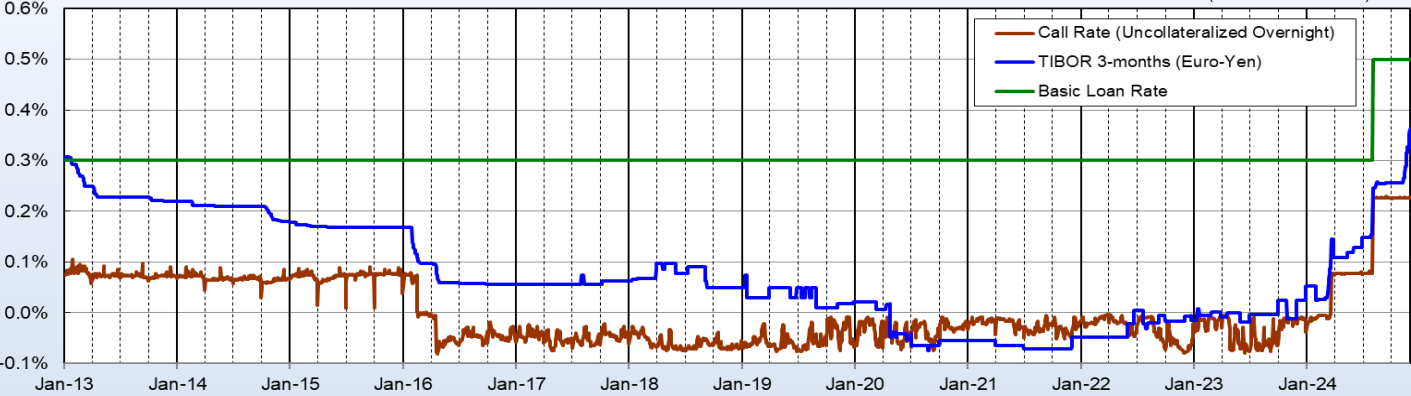


Break-Even Inflation Rates



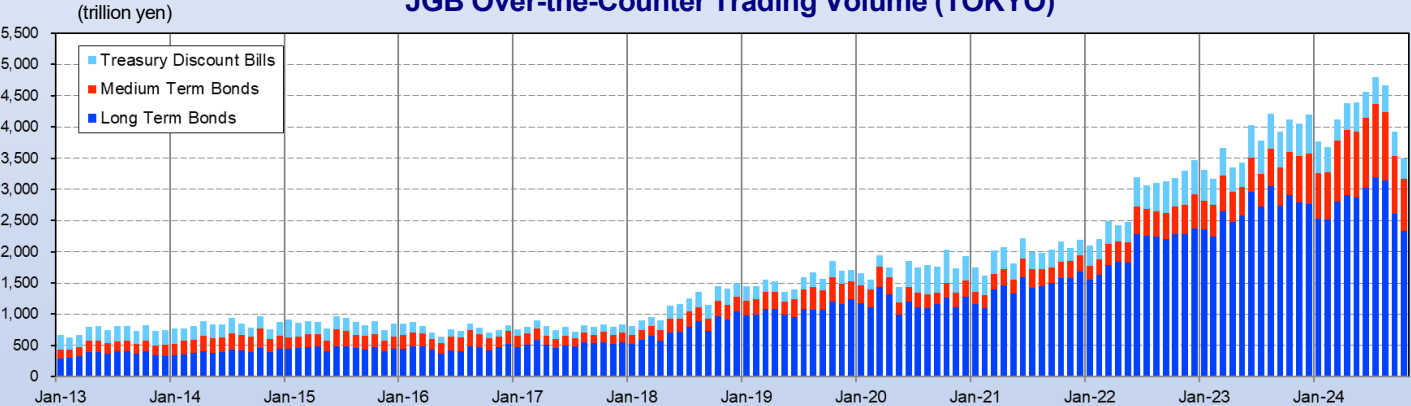
Short-Term Interest Rates

(Until 30 November 2024)



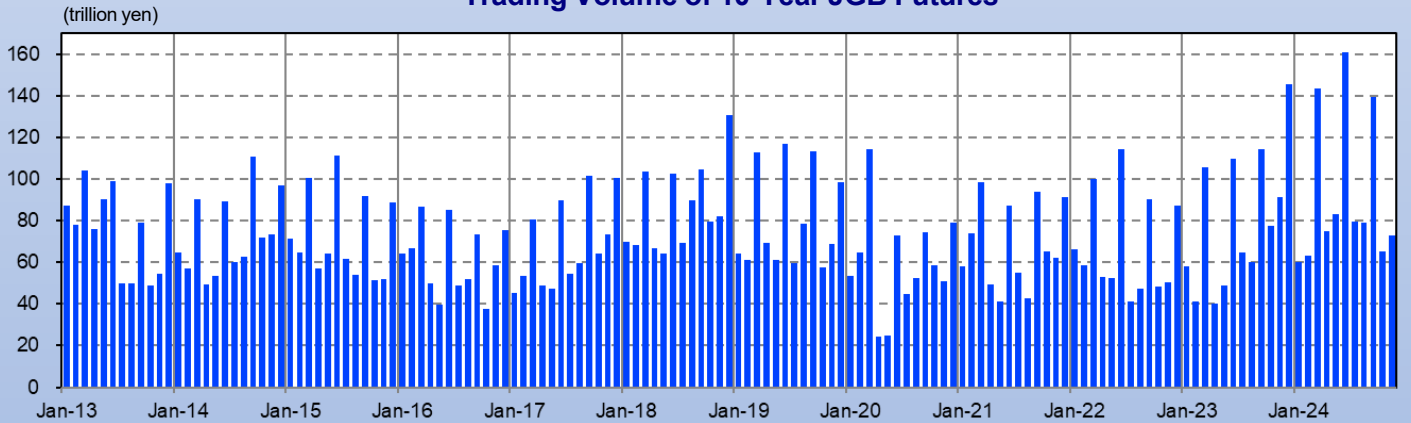
Sources: Bank of Japan, Tanshi Association, Bloomberg

JGB Over-the-Counter Trading Volume (TOKYO)



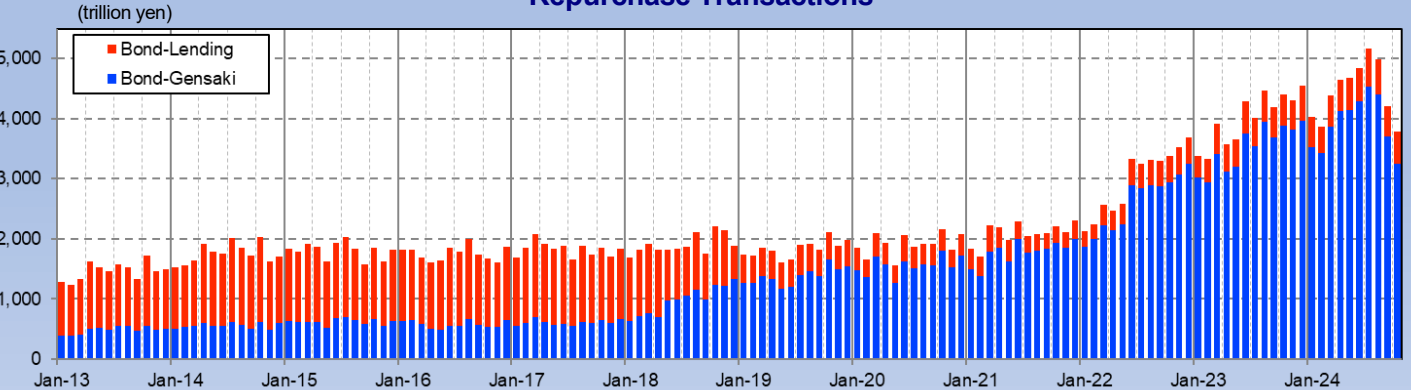
Note: Trading volume is the sum of sales and purchases including the trading volume of bonds with repurchase agreements.
Source: Japan Securities Dealers Association

Trading Volume of 10-Year JGB Futures



Sources: Tokyo Stock Exchange (until Mar.2014), Osaka Exchange (from Apr. 2014)

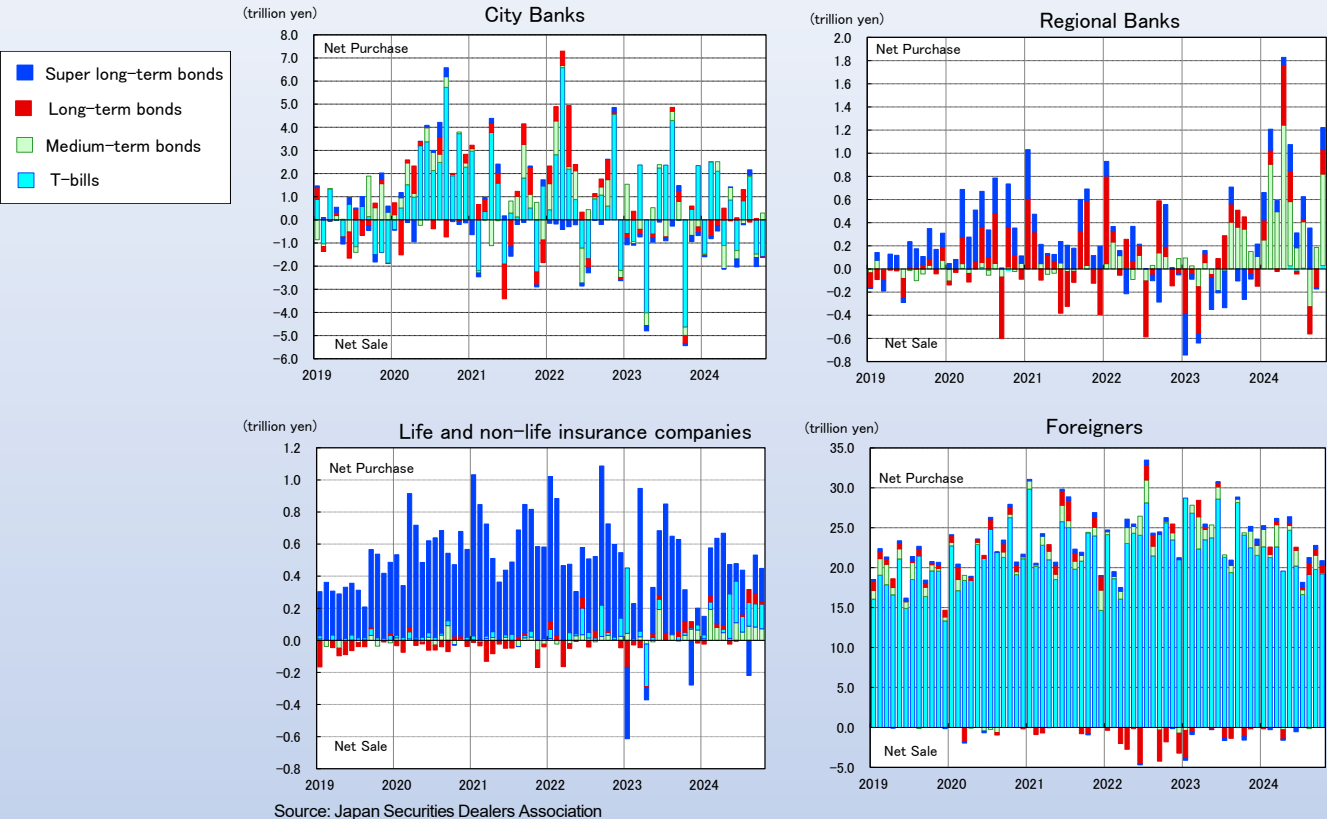
Repurchase Transactions



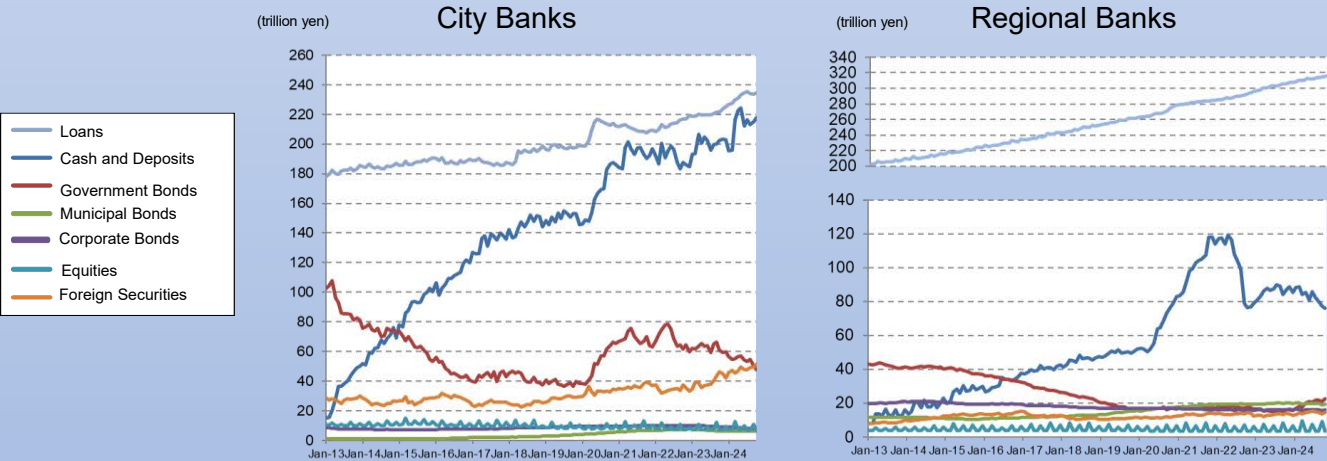
Source: Japan Securities Dealers Association

Investor Trends and JGB Outstanding

Trends in JGBs Transactions (by investor type)

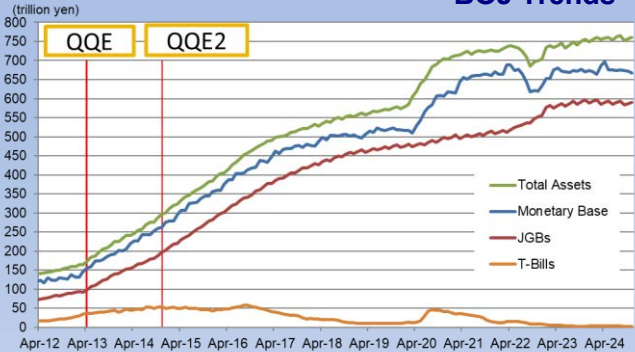


Trends in Bank Assets by Types



Source: Bank of Japan

BOJ Trends



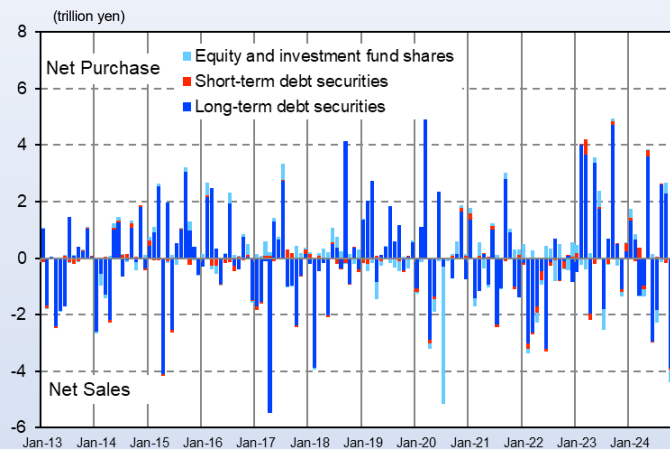
Source: Bank of Japan

	Apr 2013 (Actual)	November 2024 (Actual)
Monetary Base	155	668
JGBs	98	590
T-Bills	36	2.4
CP	1.4	1.7
Corporate Bonds	2.9	5.3
ETFs	1.7	37.2
J-REITs	0.13	0.66
Total Assets	175	760

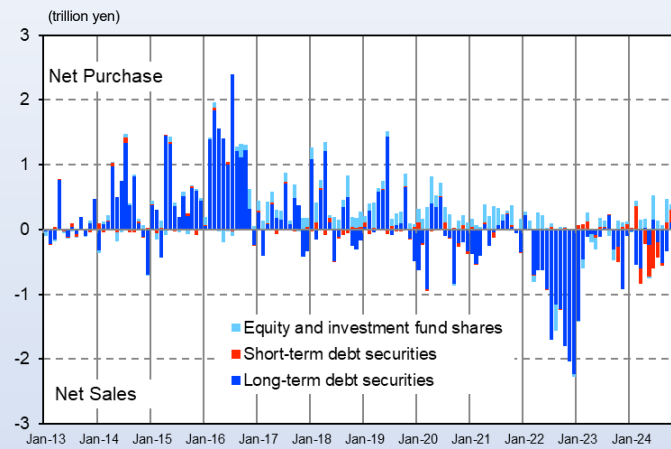
Transactions of Foreign Securities by Residents (by Investor types)

Banks (Banking Accounts)

Life Insurance Companies



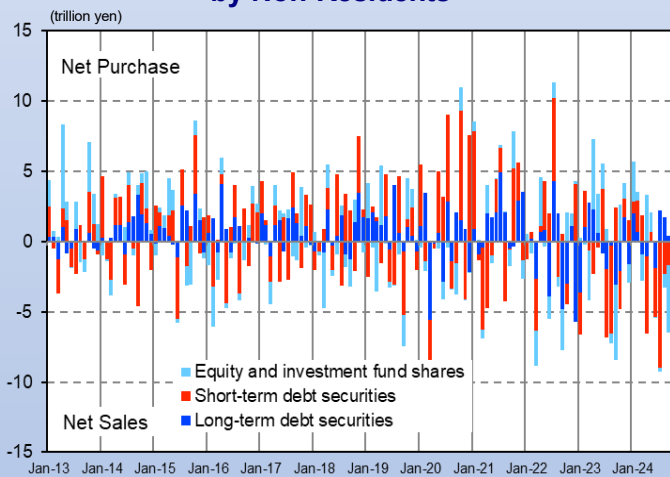
Source: Ministry of Finance



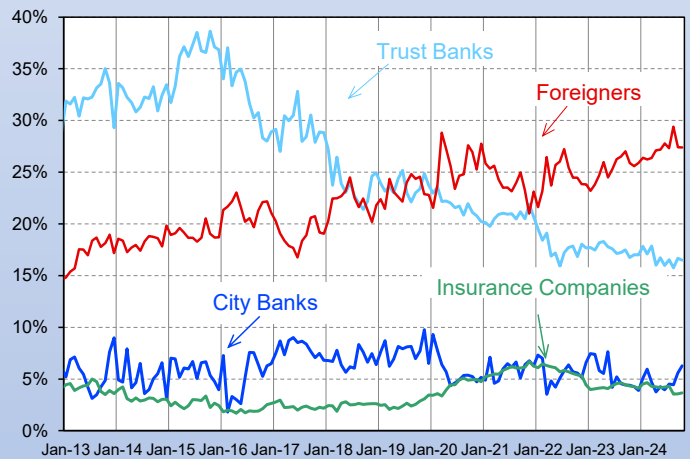
Source: Ministry of Finance

Transactions of Domestic Securities by Non-Residents

Outstanding of Repurchase Agreements (by Investor types)



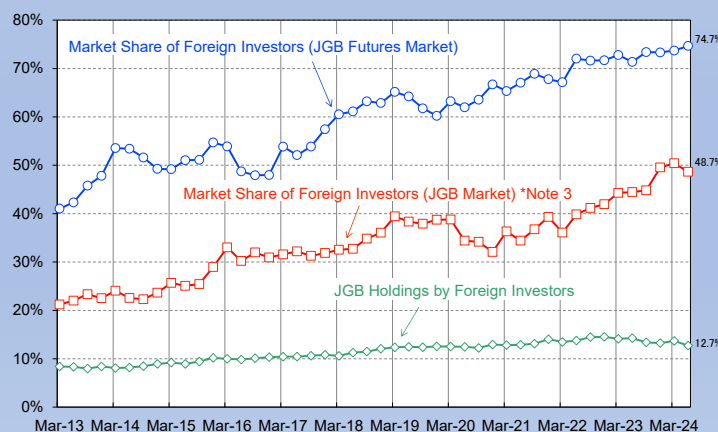
Source: Ministry of Finance



Source: Japan Securities Dealers Association

Foreign Investors Presence

JGBs Holdings by Foreign Investors

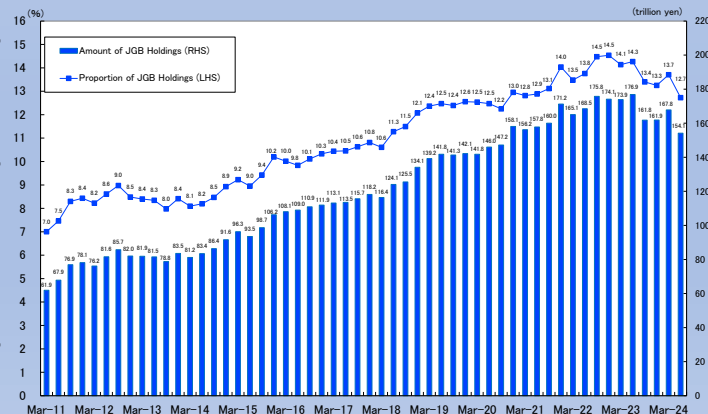


Note 1: Quarterly basis.

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.



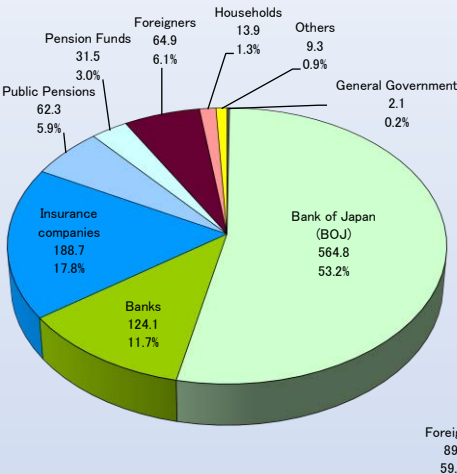
Note 1: Quarterly basis.

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

Source: Bank of Japan

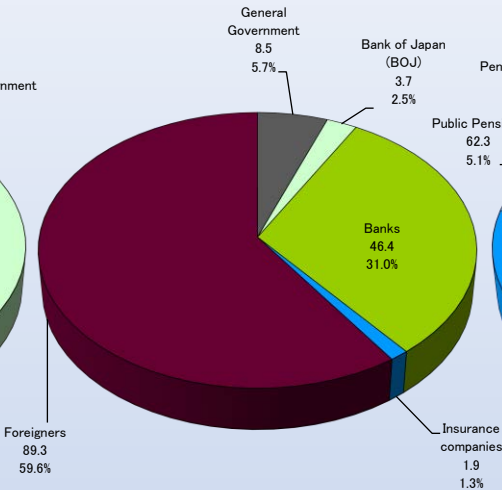
Breakdown by JGB and T-Bill Holders (The end of Jun. 2024)

JGB Holders



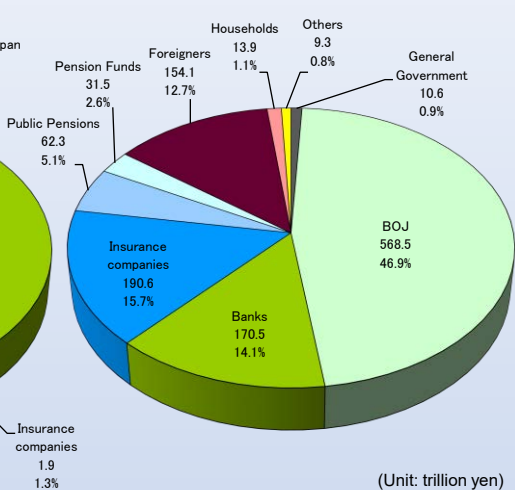
Total 1,061.5 trillion yen

T-Bill Holders



Total 149.8 trillion yen

JGB and T-Bill Holders



(Unit: trillion yen)

Total 1,211.3 trillion yen

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

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

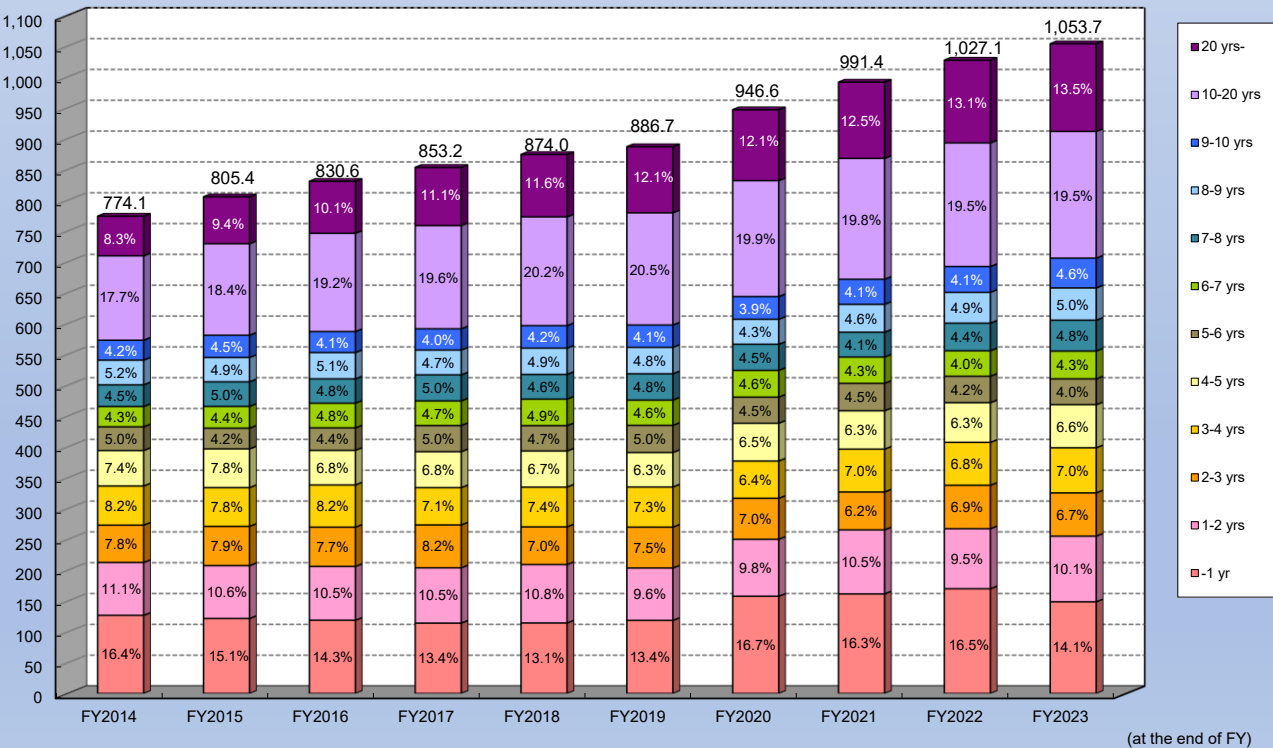
Note 3: "Insurance companies" includes "Life insurance," "Nonlife insurance," and "Mutual aid insurance."

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

Source: Bank of Japan "Flow of Funds Accounts (Preliminary Figures)"

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

(Unit: trillion yen)

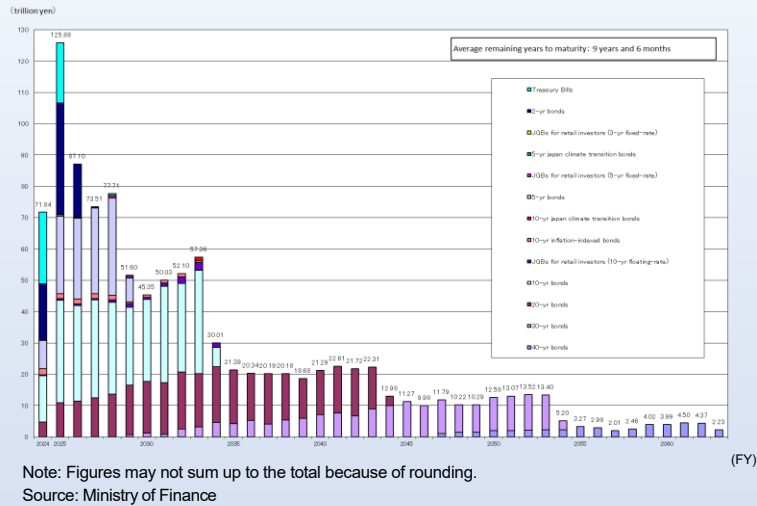


(at the end of FY)

Average YTM*	8Y0M	8Y5M	8Y7M	8Y10M	9Y0M	9Y2M	8Y11M	9Y0M	9Y2M	9Y5M
Average YTM* (excluding JGBs for Retail Investors)	8Y0M	8Y5M	8Y8M	8Y11M	9Y1M	9Y2M	8Y11M	9Y0M	9Y2M	9Y5M

*years to maturity

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

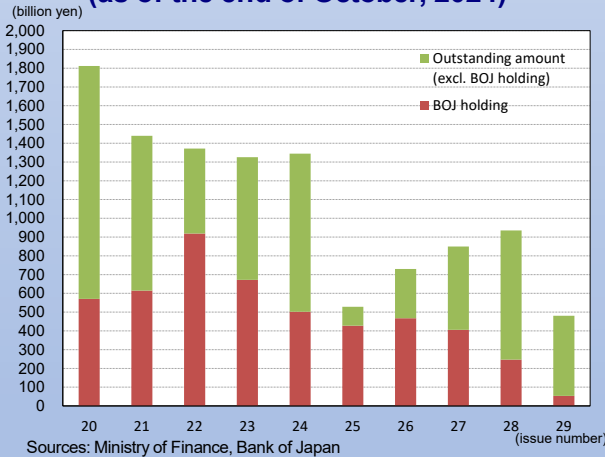


Scheduled redemption of JGB at maturity in December, 2024

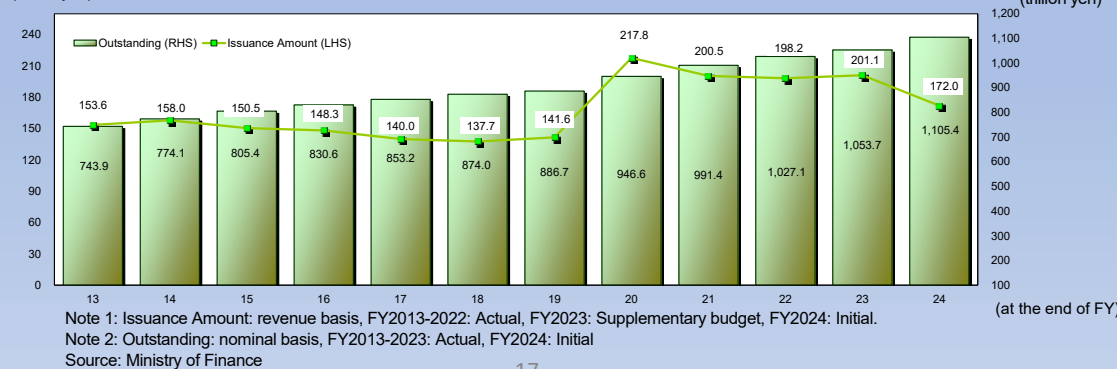
Types	The amount of redemption at maturity	Date of redemption
2-Year Bonds	2,965.0	12/1/2024
20-Year Bonds	2,381.5	12/20/2024
10-Year Bonds	8,429.8	12/20/2024
5-Year Bonds	6,259.2	12/20/2024
Treasury Bills (1-Year)	5,499.9	12/20/2024
Total	25,535.4	

Note 1: The figures are based on the outstanding JGBs at the end of October, 2024.
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: The figures do not include "JGB for Retail Investors."
Note 4: If date of redemption coincides with bank holiday, the payment of redemption is carried out on the following business day.
Note 5: Figures may not sum up to the total because of rounding.

Market-held Balance of the Inflation-Indexed Bonds
(as of the end of October, 2024)

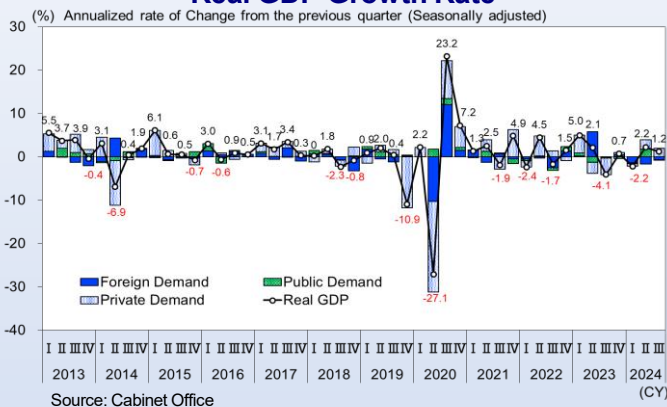


General Bonds Issuance Amount and Outstanding

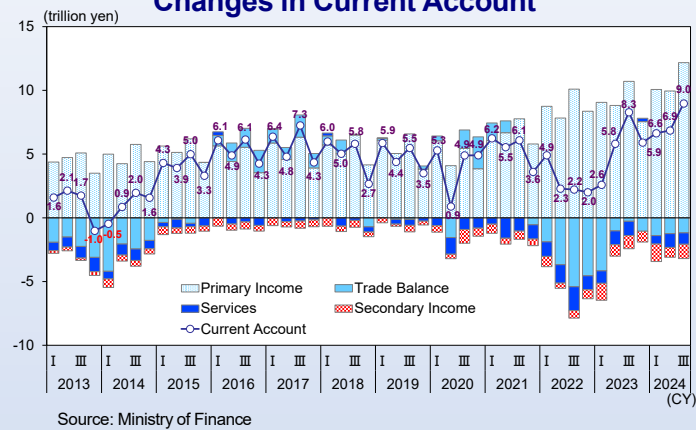


Economic and Financial Trends

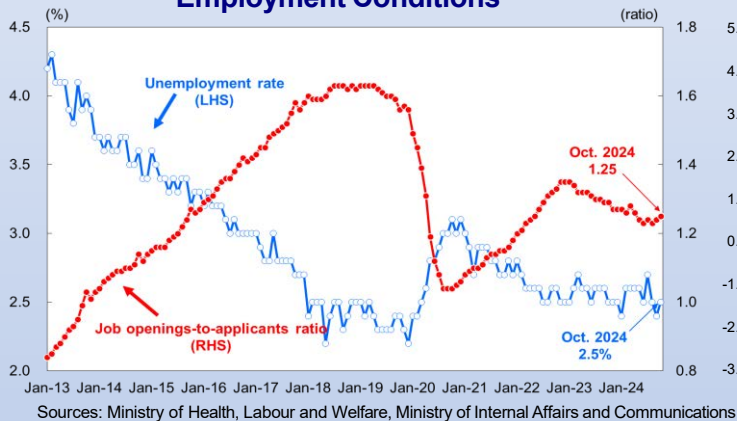
Real GDP Growth Rate



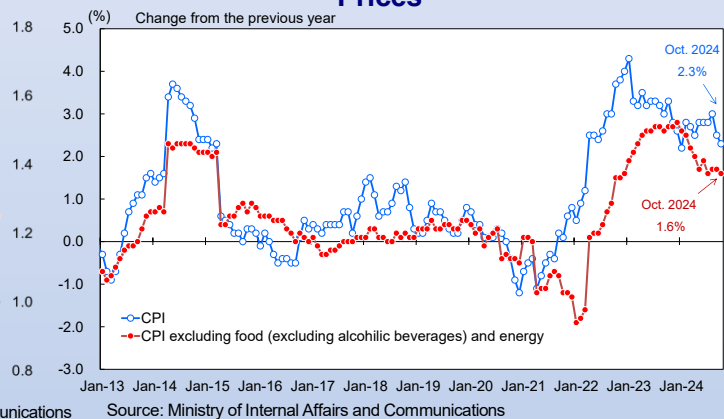
Changes in Current Account



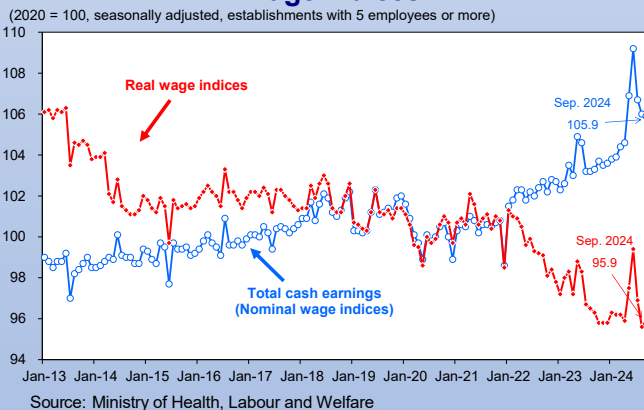
Employment Conditions



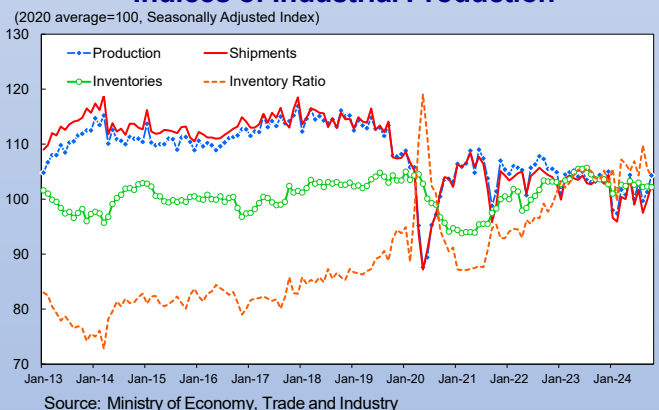
Prices



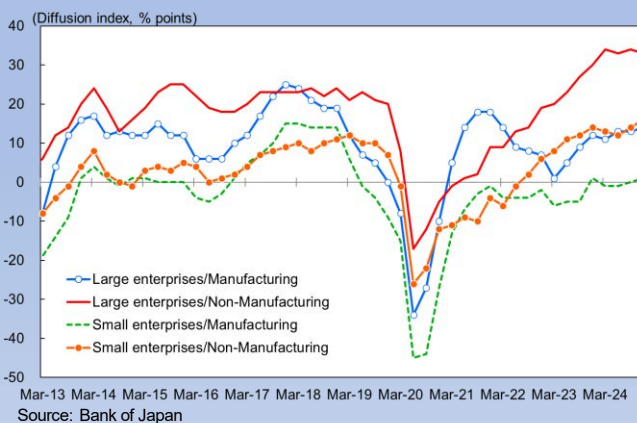
Wage Indices



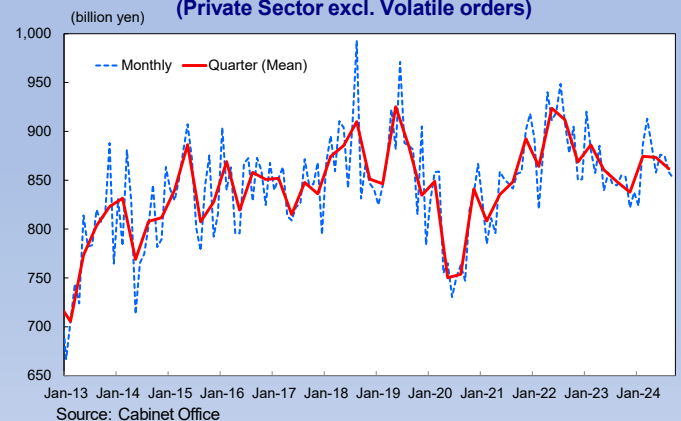
Indices of Industrial Production



TANKAN (Business Conditions)



Total Value of Machinery Orders (Private Sector excl. Volatile 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/jb_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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