

October  
2023  
Newsletter

# JAPANESE GOVERNMENT BONDS

Ministry of Finance, Japan

## What's New

The 105<sup>th</sup> Meeting of JGB Market Special Participants in September

## Monthly Topic:

JGB and T-Bill Holdings as of the end of Jun. 2023

## Q&A:

JGBs by Legal Grounds of Issuance

## IR Office:

The meetings with foreign central banks in September, etc.



Cover Photo: Flowers on the rooftop of the MOF building in October

## SUMMARY

### What's New:

The 105<sup>th</sup> Meeting of JGB Market Special Participants in September p. 2

The 105<sup>th</sup> Meeting of JGB Market Special Participants was held on September 27.

### Monthly Topic:

JGB and T-Bill Holdings as of the end of Jun. 2023 p. 3

On September 20, the BOJ released its Flow of Funds Accounts for the 2nd Quarter of 2023, which shows the breakdown of JGB and T-Bill holders.

### Q&A:

JGBs by Legal Grounds of Issuance p. 4

We sometimes receive questions from foreign investors about how JGBs can be divided into categories by legal grounds of issuance, including their differences in interest rates, maturities, etc. We answer them.

### IR Office:

The meetings with foreign central banks in September, etc. p. 6

In the middle of September, we visited some foreign central banks in Tokyo, and explained to them about Japan's economy, fiscal condition, debt management policy and Green Transformation (GX) policy.

### Statistics

p.8

JGB Primary Market : Auction Results	p. 8
JGB Primary Market : Auction Calendar	p. 9
Liquidity Enhancement Auctions and JGB Buy-Back	p. 10
JGB Secondary Market	p. 11
Investor Trends and JGB Outstanding	p. 13
Economic and Financial Trends	p. 17
Information	p. 18

## What's New: The 105<sup>th</sup> Meeting of JGB Market Special Participants in September

The 105<sup>th</sup> Meeting of JGB Market Special Participants was held on September 27. The MOF decided on the “Issuance of the Inflation-Indexed Bonds (JGBi) in October-December 2023” and “Issuance Amounts for Liquidity Enhancement Auctions in October-December 2023.” In addition, the MOF provided participants with an update on GX Economy Transition Bonds. Please see below.

### (1) Issuance of JGBi in October-December 2023

- Issuance amount in November 2023: Approximately 250 billion yen.
- The auction schedule for the Buy-Back Program of JGBi in October-December 2023: Approximately 20 billion yen each month.

Auction Month	Auction Amount
October 2023	Buy-Back: Approximately 20 billion yen
November 2023	Issuance: Approximately 250 billion yen Buy-Back: Approximately 20 billion yen
December 2023	Buy-Back: Approximately 20 billion yen

Note 1: The Buy-Back will be conducted once a month.

Note 2: Issues eligible for the buy-backs will be those from issue numbers 18 to 28.

Note 3: The MOF reserves the right not to accept part or all of bids.

Note 4: This plan is subject to change based on market conditions and other factors.

☛ (Source) MOF [https://www.mof.go.jp/english/policy/jgbs/topics/press\\_release/20230928-01e.htm](https://www.mof.go.jp/english/policy/jgbs/topics/press_release/20230928-01e.htm)

### (2) Issuance Amounts for Liquidity Enhancement Auctions in October-December 2023

- The auction schedule of Liquidity Enhancement Auctions in October-December 2023 was determined as below:

	October 2023	November 2023	December 2023
(1) Issues with remaining maturities of 1-5 years	-	Approximately 500 billion yen	-
(2) Issues with remaining maturities of 5-15.5 years	Approximately 500 billion yen	Approximately 500 billion yen	Approximately 500 billion yen
(3) Issues with remaining maturities of 15.5-39 years	Approximately 500 billion yen	-	Approximately 500 billion yen

Note 1: Remaining maturities are calculated as of September 30 except for 2-year JGBs.

Note 2: Eligible issues for 2-year JGBs in (1) zone will be those with remaining maturities of more than one year as of October 31, 2023, for November auction, including the issue to be newly issued in the auction month.

Note 3: This plan is subject to change based on market conditions and other factors.

☛ (Source) MOF [https://www.mof.go.jp/english/policy/jgbs/topics/press\\_release/20230928-02e.htm](https://www.mof.go.jp/english/policy/jgbs/topics/press_release/20230928-02e.htm)

### (3) An update on GX Economy Transition Bonds

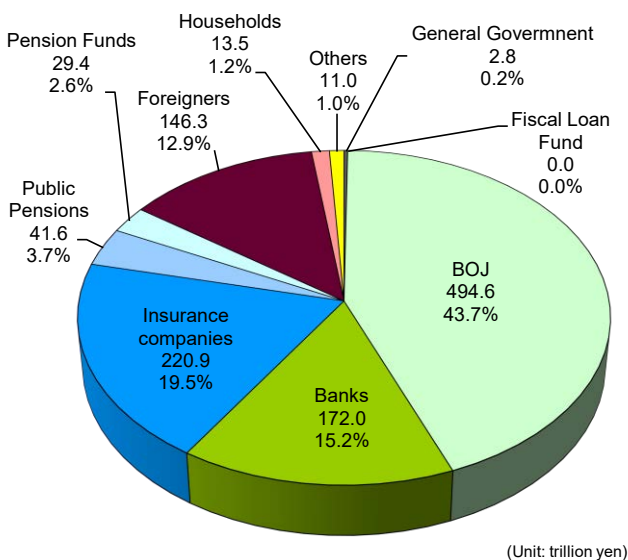
- The Japanese government will issue GX Economy Transition Bonds as government transition bonds called “Japan Climate Transition Bonds” this fiscal year.
- These will be issued by an auction method in the same manner as other JGBs. We are preparing to announce the details of the initial issuance by the end of this year.
- The specific amount to be issued by the end of March 2024 will be determined, taking into account the budget execution status and market environment, etc.

## Monthly Topic: JGB and T-Bill Holdings as of the end of Jun. 2023

On September 20, the BOJ released its Flow of Funds Accounts for the 2nd Quarter of 2023, which shows the breakdown of JGB and T-Bill (hereinafter referred to as “JGBs”) holders. Here are the key statistics:

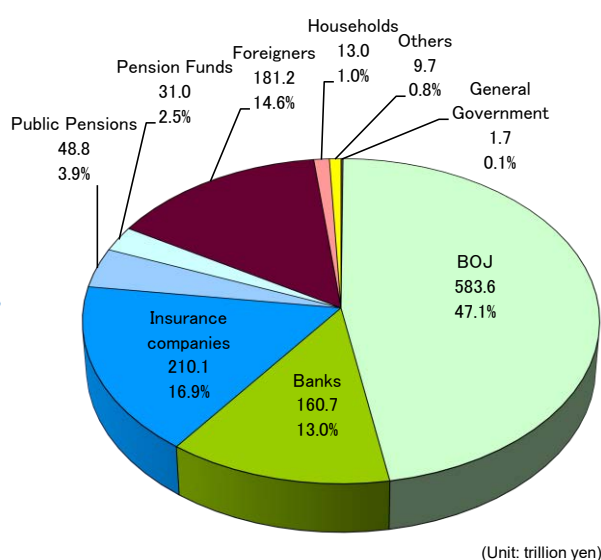
- The total amount of JGBs outstanding was 1,239.7 trillion yen.
- From December 2019 (before the COVID-19 pandemic) to June 2023, the total amount of JGBs outstanding increased by 107.7 trillion yen.
- The BOJ’s holdings increased by 89.0 trillion yen (43.7%→47.1%), domestic investors including banks’ holdings decreased by 16.2 trillion yen (43.4%→38.3%) and foreign investors’ holdings increased by 34.9 trillion yen (12.9%→14.6%).

**End of Dec. 2019**  
(Before the COVID-19 Pandemic)



**Total 1,132.0 trillion yen**

**End of Jun. 2023**  
(Preliminary Figures)



**Total 1,239.7 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.”

Note 5: Figures may not sum up to total because of rounding.



For more detailed data, please refer to the following link:

BOJ Time Series Data Search: [https://www.stat-search.boj.or.jp/index\\_en.html](https://www.stat-search.boj.or.jp/index_en.html)

## Q&A: JGBs by Legal Grounds of Issuance



<KOKUSAI SENSEI>

(JGB Teacher who knows everything about JGB)

We sometimes receive questions from foreign investors about how JGBs can be divided into categories by legal grounds of issuance, including their differences in interest rates, maturities, etc. We answer them.

JGBs for financing fiscal expenditure are issued in various types, depending on their applicable legal grounds and bond features.

JGBs can be divided into two main categories by legal grounds of issuance: General Bonds, and Fiscal Investment and Loan Program Bonds (FILP Bonds). While the government mainly relies on tax revenue and others to redeem General Bonds, the redemption and the interest payments on FILP Bonds are mainly covered by the collection of Fiscal Loan receivable. However, both General Bonds and FILP Bonds are jointly issued as JGBs with the same interest rate and maturity.\* They are the same financial instruments and are treated in the same manner on the market as well.

\*In general, JGBs are jointly issued, but GX Economy Transition Bonds (including Refunding Bonds for GX Economy Transition Bonds) are being considered with the aim of not only jointly issuing them as the same financial instruments as existing JGBs, but also issuing government transition bonds called “Japan Climate Transition Bonds.”

**Figure. JGBs by Legal Grounds of Issuance**

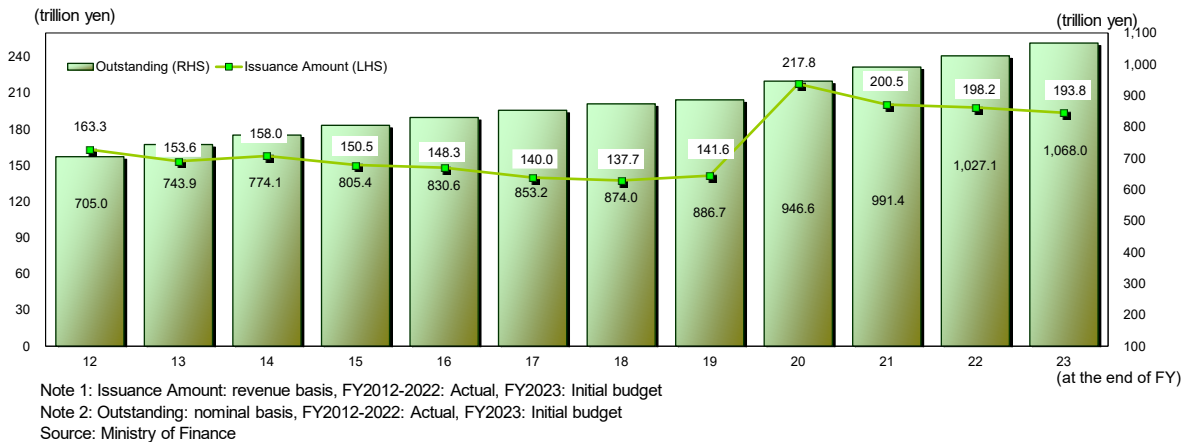
JGBs	General Bonds	Construction Bonds
		Special Deficit-Financing Bonds
		Reconstruction Bonds
		GX Economy Transition Bonds
		Refunding Bonds
Fiscal Investment and Loan Program Bonds (FILP Bonds)		

### **A. General Bonds**

General Bonds consist of Construction Bonds, Special Deficit-Financing Bonds, Reconstruction Bonds, GX Economy Transition Bonds and Refunding Bonds. Construction Bonds and Special Deficit-Financing Bonds are issued under the General Account and the revenue from their issuance is reported as the government revenue of the General Account. On the other hand, Reconstruction Bonds are issued under the Special Account for Reconstruction from the Great East Japan Earthquake, GX Economy Transition Bonds under the Special Account for Energy Measures and Refunding Bonds under the Special Account of Government Debt Consolidation Fund and the revenue from their issuance is reported as the government revenue of each Special Account.

## Q&A: JGBs by Legal Grounds of Issuance

### Figure. General Bonds Issuance Amount and Outstanding



### B. Fiscal Investment and Loan Program Bonds (FILP Bonds)

Since the FY2001 reform of the Fiscal Investment and Loan Program (FILP) that abolished the requirement for all postal savings and pension fund reserves to be deposited at the Fiscal Loan Fund, the government has issued Fiscal Investment and Loan Program Bonds (so-called FILP Bonds) to raise financial resources as necessary for the Fiscal Loan Fund. FILP Bonds are issued integrally with General Bonds based on the credit of the government and treated as the same financial instrument as General Bonds. As is the case with other types of JGBs, FILP Bonds are issued up to the amount approved by the Diet. The FILP Bond issuance ceiling is provided under the general provisions of the Special Account Budget (Article 62, paragraph (2) of the “Act on Special Accounts”). Revenues from the FILP Bonds issuance are allotted to the annual revenue for the Special Account for the Fiscal Investment and Loan Program (FILP Special Account).

However, the FILP Bonds are different from Construction Bonds and Special Deficit Financing Bonds on one account. While future taxes will be used to redeem Construction Bonds and Special Deficit Financing Bonds, the redemption on the FILP Bonds are covered by the collection of Fiscal Loan receivable. Therefore, when publishing outstanding debt, FILP Bonds are treated differently from General Bonds.

Also, in the System of National Accounts (SNA), which is created by the United Nations for each country to create economic statistics based on a common standard, FILP Bonds are not classified as debt of the general government.

☞ If you would like more information on our Debt Management, please see the following link:

[https://www.mof.go.jp/english/policy/jgbs/publication/debt\\_management\\_report/2023/index.html](https://www.mof.go.jp/english/policy/jgbs/publication/debt_management_report/2023/index.html)



## IR Office

### 1. The meetings with foreign central banks in September

In the middle of September, we visited some foreign central banks in Tokyo, and explained to them about Japan's economy, fiscal condition, debt management policy, and Green Transformation (GX) policy. We have an opportunity like this every year because we would like them to know our latest debt management in detail.



At the Bank Indonesia Tokyo Representative Office

In the meetings, we received many questions such as economic and fiscal projections for Medium to Long Term Analysis, resources of defense budget, and the update information on the upcoming issuance of Japan Climate Transition Bonds.

We hope that these meetings promoted our mutual relationship and helped them understand Japan's current situation, our debt condition, and JGBs.

### 2. IR Activities through Japan Weeks, Tokyo GX Week and Tokyo Sustainable Finance Week

Numerous sustainable finance and ESG investment related events including "PRI in Person 2023" took place in Japan from late September to early October (Japan Weeks, Tokyo GX Week and Tokyo Sustainable Finance Week), and many ESG investors visited Japan to attend those conferences. We grabbed this chance and held a number of meetings with them to exchange views of GX strategy, Transition Finance, the upcoming issuance of Japan Climate Transition Bonds, and so forth.

Above all, on October 4, the Ministry of Economy, Trade, and Industry and the MOF took part in the meeting of the Principles for Responsible Investment (PRI) – Coordinated Collaborative Sovereign Engagement on Climate Change, which aimed to promote understanding of institutional investors participating in this initiative regarding the above topics. We will continue constructive discussions with investors all over the world to gain their understanding of Japan's GX policy.

## IR Office



### 3. IR Activities in South Korea, Hong Kong and Thailand

In September, Mr. Yano, Senior Deputy Director for the Debt Management and JGB Investor Relations Office, and Mr. Ito, Section Chief, visited South Korea, Hong Kong, and Thailand to hold meetings with institutional investors including the central bank, commercial bank, insurance companies, and asset management companies. This was the first face-to-face overseas IR activities by the newly formed IR team, and fortunately the lovely weather and their great cooperation allowed us to carry out all the visits smoothly.



In these meetings, we discussed the Japanese economic and fiscal conditions, our debt management policy, and Japan Climate Transition Bonds. Investors asked various questions related to macroeconomic situation, especially the situation of the wage growth, the inflation, and the features, mechanics and issuance schedule of the Climate Transition Bond.

Thanks to investors' great interest in the Japanese market and economy, we were able to have constructive discussions, and the dialogues were very helpful for us. We would like to express our appreciation to their heartwarming welcome and feedback.



## JGB Primary Market: Auction Results

### Bonds

(Until 30 September 2023)

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)
7/4/2023	10-year	371	6/20/2033	0.4%	8,786.5	2,183.4	0.430%	0.428%	0.813	515.2	266.8
7/6/2023	30-year	79	6/20/2053	1.2%	2,222.5	734.3	1.238%	1.222%	-	165.5	0.0
7/11/2023	5-year	159	6/20/2028	0.1%	9,506.9	2,031.2	0.132%	0.132%	1.000	467.1	221.7
7/13/2023	20-year	185	6/20/2043	1.1%	3,284.9	971.2	1.072%	1.070%	-	228.2	2.0
7/25/2023	40-year	16	3/20/2063	1.3%	1,778.6	699.9	1.465%	-	-	-	60.5
7/27/2023	2-year	451	8/1/2025	0.005%	9,312.9	2,357.9	-0.042%	-0.045%	0.000	541.2	0.0
8/1/2023	10-year	371	6/20/2033	0.4%	7,930.1	2,180.9	0.603%	0.594%	1.414	517.3	189.2
8/3/2023	10-year Inflation-Indexed Bonds	28	3/10/2033	0.005%	726.3	249.9	-0.510%	-	-	-	-
8/8/2023	30-year	79	6/20/2053	1.2%	2,548.0	727.1	1.595%	1.593%	-	172.1	73.1
8/15/2023	5-year	160	6/20/2028	0.2%	6,755.7	2,019.0	0.195%	0.189%	1.000	479.3	0.0
8/17/2023	20-year	185	6/20/2043	1.1%	2,774.4	992.5	1.385%	1.322%	-	207.4	0.0
8/29/2023	2-year	452	9/1/2025	0.005%	7,513.8	2,343.7	0.020%	0.011%	0.000	555.6	0.0
9/5/2023	10-year	371	6/20/2033	0.4%	8,730.7	2,172.2	0.668%	0.657%	1.397	525.8	218.7
9/7/2023	30-year	79	6/20/2053	1.2%	2,508.7	724.9	1.656%	1.640%	-	174.7	0.0
9/12/2023	5-year	161	6/20/2028	0.3%	8,913.7	2,019.0	0.295%	0.291%	1.000	479.3	248.8
9/14/2023	20-year	185	6/20/2043	1.1%	3,823.8	970.0	1.437%	1.433%	-	229.3	119.1
9/26/2023	40-year	16	3/20/2063	1.3%	2,063.8	699.6	1.725%	-	-	-	0.0
9/28/2023	2-year	453	10/1/2025	0.005%	7,735.8	2,363.2	0.050%	0.045%	0.000	536.1	178.3

### Treasury Discount Bills

(Until 30 September 2023)

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)
7/6/2023	6-month	1167	1/10/2024	13,747.35	3,242.59	-0.1744%	-0.1843%	757.40
7/7/2023	3-month	1168	10/10/2023	15,642.40	4,701.32	-0.1209%	-0.1356%	1,098.60
7/14/2023	3-month	1169	10/16/2023	13,030.20	4,701.35	-0.1297%	-0.1366%	1,098.60
7/19/2023	1-year	1170	7/22/2024	7,613.00	2,869.74	-0.1109%	-0.1218%	630.20
7/21/2023	3-month	1171	10/23/2023	10,932.50	4,701.38	-0.1042%	-0.1210%	1,098.60
7/27/2023	3-month	1172	10/30/2023	12,825.88	4,723.37	-0.0962%	-0.1018%	1,076.60
8/4/2023	3-month	1173	11/6/2023	13,823.50	4,687.61	-0.0962%	-0.1014%	1,112.30
8/9/2023	6-month	1174	2/13/2024	11,726.90	3,296.88	-0.1423%	-0.1618%	703.10
8/10/2023	3-month	1175	11/13/2023	14,584.60	4,687.64	-0.1042%	-0.1110%	1,112.30
8/17/2023	1-year	1176	8/20/2024	8,368.70	2,918.49	-0.0559%	-0.0679%	581.50
8/18/2023	3-month	1177	11/20/2023	15,864.10	4,688.63	-0.1082%	-0.1154%	1,111.30
8/25/2023	3-month	1178	11/27/2023	18,811.00	4,660.18	-0.1483%	-0.1483%	1,139.80
9/1/2023	3-month	1179	12/4/2023	12,159.79	4,688.63	-0.1503%	-0.1663%	1,111.30
9/7/2023	6-month	1180	3/11/2024	12,350.70	3,238.06	-0.1462%	-0.1603%	761.90
9/8/2023	3-month	1181	12/11/2023	14,155.20	4,526.28	-0.1363%	-0.1491%	1,073.70
9/15/2023	3-month	1182	12/18/2023	14,670.60	4,526.22	-0.1337%	-0.1406%	1,073.70
9/19/2023	1-year	1183	9/20/2024	9,554.50	2,921.59	-0.0189%	-0.0378%	578.40
9/21/2023	3-month	1184	12/25/2023	14,725.21	4,526.25	-0.1383%	-0.1507%	1,073.70
9/29/2023	3-month	1185	1/9/2024	14,780.70	4,560.07	-0.2468%	-0.2685%	1,039.90

## JGB Primary Market: Auction Calendar

### October 2023

Auction Date	Issue
10/3	10-year
10/5	T-Bills (6-month)
10/5	30-year
10/6	T-Bills (3-month)
10/11	5-year
10/13	T-Bills (3-month)
10/17	20-year
10/19	T-Bills (1-year)
10/19	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
10/20	T-Bills (3-month)
10/25	Liquidity Enhancement Auction (remaining maturities of 15.5-39 years)
10/27	T-Bills (3-month)
10/30	2-year

### November 2023

Auction Date	Issue
11/2	T-Bills (3-month)
11/2	10-year
11/7	10-year Inflation-Indexed Bonds
11/9	T-Bills (6-month)
11/9	30-year
11/10	T-Bills (3-month)
11/14	5-year
11/16	T-Bills (1-year)
11/16	Liquidity Enhancement Auction (remaining maturities of 1-5 years)
11/17	T-Bills (3-month)
11/21	20-year
11/24	T-Bills (3-month)
11/24	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
11/28	40-year
11/30	2-year

### December 2023

Auction Date	Issue
12/1	T-Bills (3-month)
12/5	10-year
12/7	T-Bills (6-month)
12/7	30-year
12/8	T-Bills (3-month)
12/12	5-year
12/14	20-year
12/15	T-Bills (3-month)
12/18	T-Bills (1-year)
12/20	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
12/22	T-Bills (3-month)
12/22	Liquidity Enhancement Auction (remaining maturities of 15.5-39 years)
12/26	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) Apr. 2023 - Sep. 2023

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

#### Top5 PDs for Successful Bids of JGBI FY2022

1 Mizuho Bank, Ltd.
2 Mitsubishi UFJ Morgan Stanley Securities Co., Ltd.
3 JPMorgan Securities Japan Co., Ltd.
4 Goldman Sachs Japan Co., Ltd.
5 Deutsche Securities Inc.

# Liquidity Enhancement Auctions and JGB Buy-Back

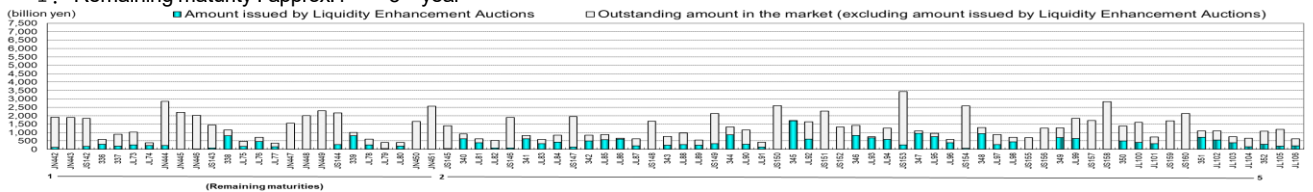
## Results of Liquidity Enhancement Auctions

(Until 30 September 2023)

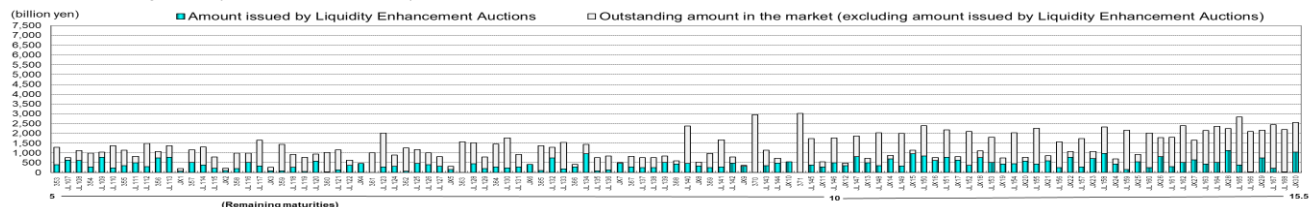
Auction Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Average Accepted Spread	Highest Accepted Spread	Issues Re-opened
7/19/2023	2,172.9	498.9	-0.014%	-0.013%	2-year (440) 5-year (144,146,153,154) 10-year(350,351) 20-year (93,99,100,101,102,103,104)
7/21/2023	2,117.5	499.8	+0.005%	+0.011%	10-year (356,366,367,368) 20-year (109,116,117,120,121,126,127,133,134,135,136,137,139,143,148,156,158,160,162,163,165,166,167) 30-year (4,7,12,22,27,28,29)
8/22/2023	1,798.2	498.9	+0.005%	+0.006%	10-year (352,353,354,355,368,369) 20-year (105,107,108,112,114,115,116,117,142,146,148) 30-year (3,4,7,9,10,11,13)
8/24/2023	1,452.0	499.7	-0.038%	-0.031%	20-year (169,178,179,181,182,184) 30-year (35,36,37,38,39,47,48,51,52,53,58,59,60,65,68,71,74) 40-year (2,6,8,9,12,13,14)
9/19/2023	1,733.9	498.5	-0.002%	-0.001%	5-year (143,144,145,147,149,152,155) 10-year(335,338,341,342,345,346,350,351) 20-year (73,75,76,77,78,79,82,83,84,87,89,90,92,100,101,103)
9/21/2023	1,639.6	499.0	+0.009%	+0.013%	10-year (352,353,354) 20-year (107,114,115,116,117,128,132,133,134,136,137,140,143,155,158,159,160,161,163,167) 30-year (1,4,5,6,7,8,13,22,26,29)

## Target Zones of Liquidity Enhancement Auctions for Oct.-Dec. 2023

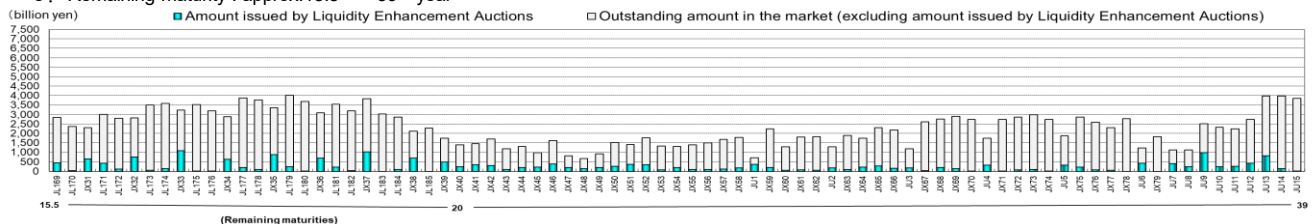
### 1. Remaining maturity : approx.1 - ~5 - year



### 2. Remaining maturity : approx.5 - ~15.5 - year



### 3. Remaining maturity : approx.15.5 - ~39 - year



Note1 : JN shows 2-year JGBs. JS shows 5-year JGBs. JL shows 20-year JGBs. JX shows 30-year JGBs. JU shows 40-year JGBs. Outstanding amount is as of the end of August 2023.  
Note2 : All issues in the graph above will be eligible afterward.

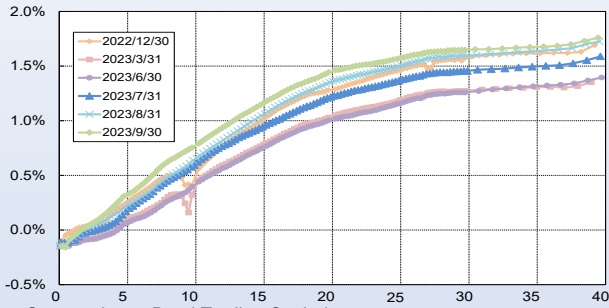
## Buy-Back Results (10-year Inflation-Indexed)

(Until 30 September 2023)

Auction Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Average Accepted Spread (yen)	Highest Accepted Spread (yen)	Issue Numbers
6/21/2023	49.9	20.1	-0.037	+0.14	17,19,20,21,22,25,26,28
7/12/2023	90.1	20.1	-0.075	0.00	17,23,24,25
8/10/2023	97.0	20.0	-0.319	-0.22	26,27,28
9/13/2023	69.6	20.1	-0.069	+0.09	18,19,20,22,24,26,27,28

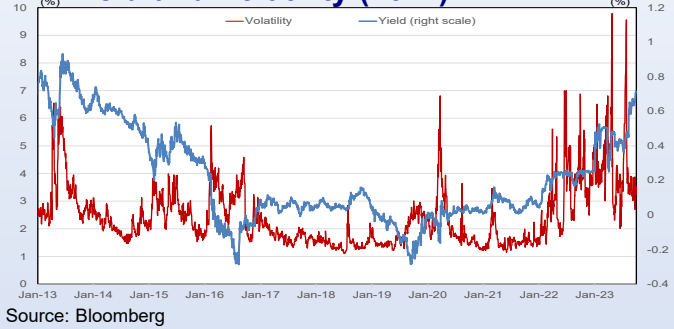
# JGB Secondary Market

## JGB Yield Curves



## Yield and Volatility (10Yr)

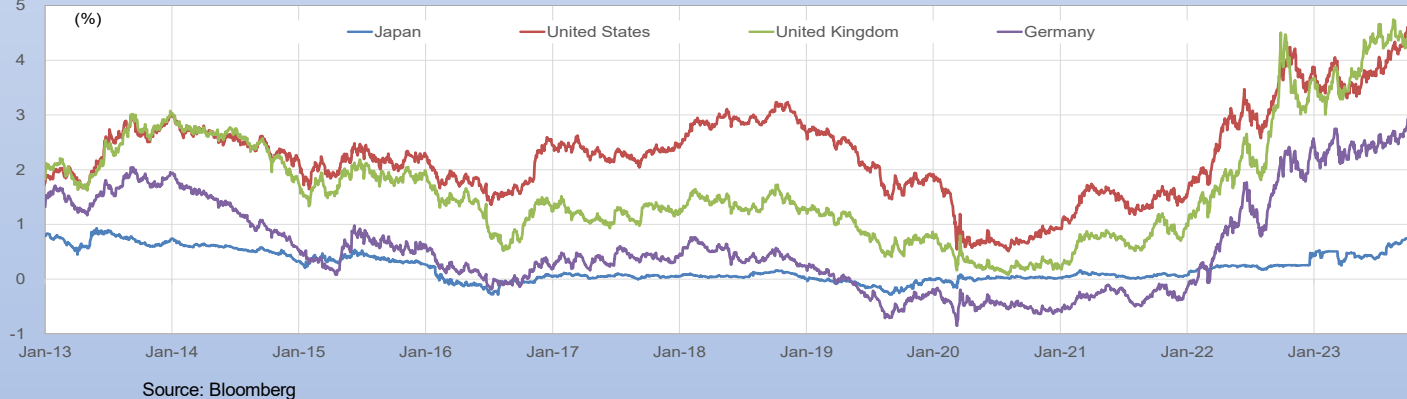
(Until 30 September 2023)



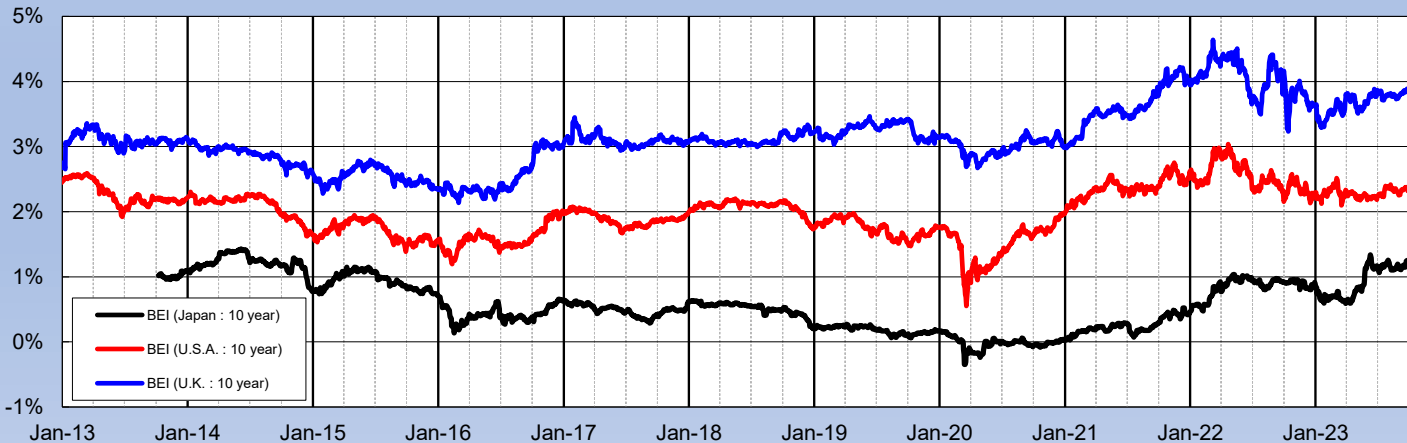
## Yields of JGB



## Long - Term Interest Rates (10Yr)

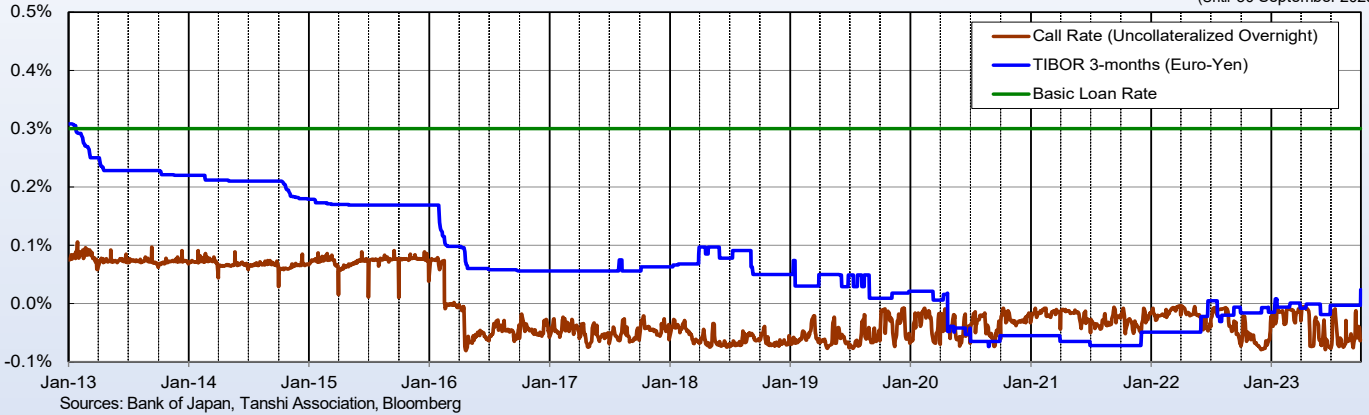


## Break-Even Inflation Rates



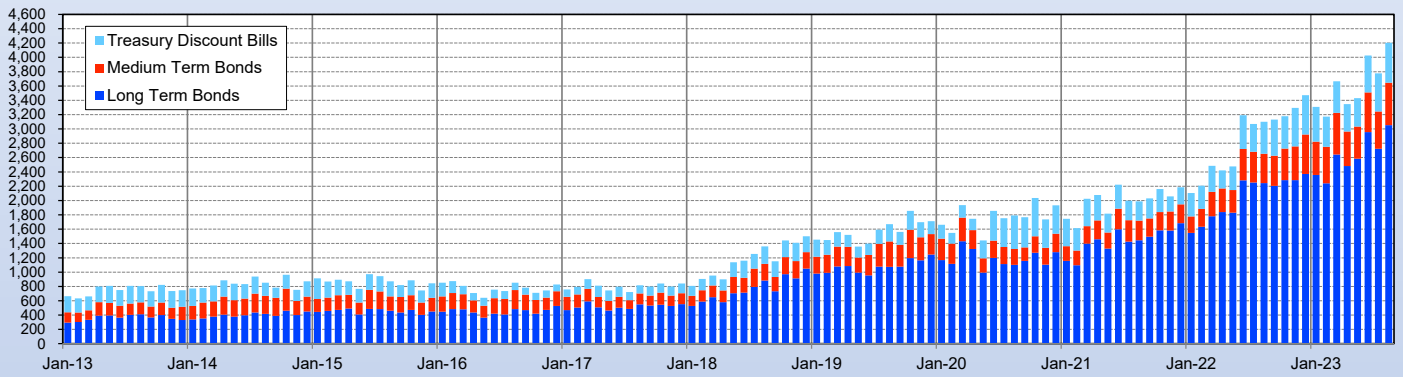
### Short-Term Interest Rates

(Until 30 September 2023)



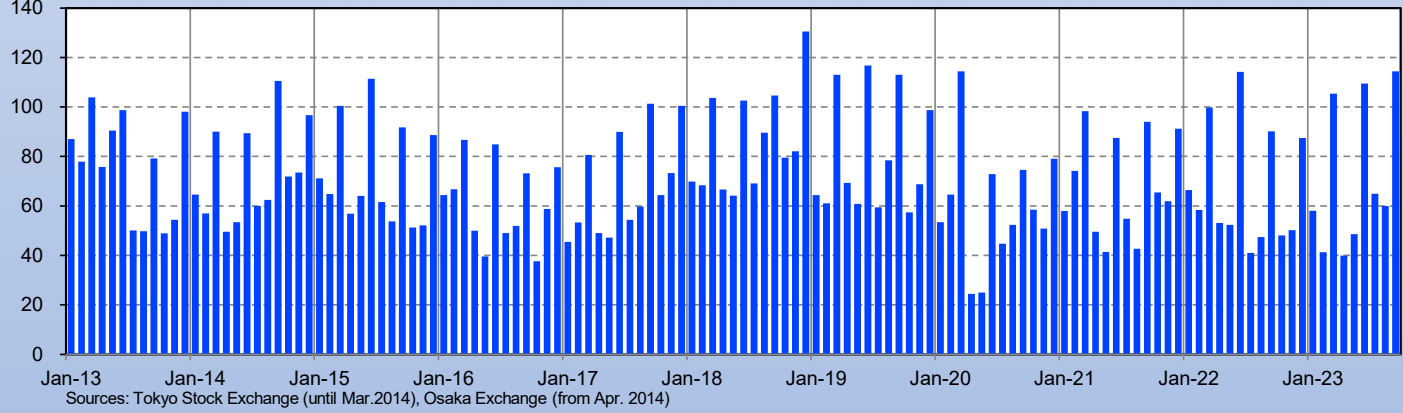
### JGB Over-the-Counter Trading Volume (TOKYO)

(trillion yen)



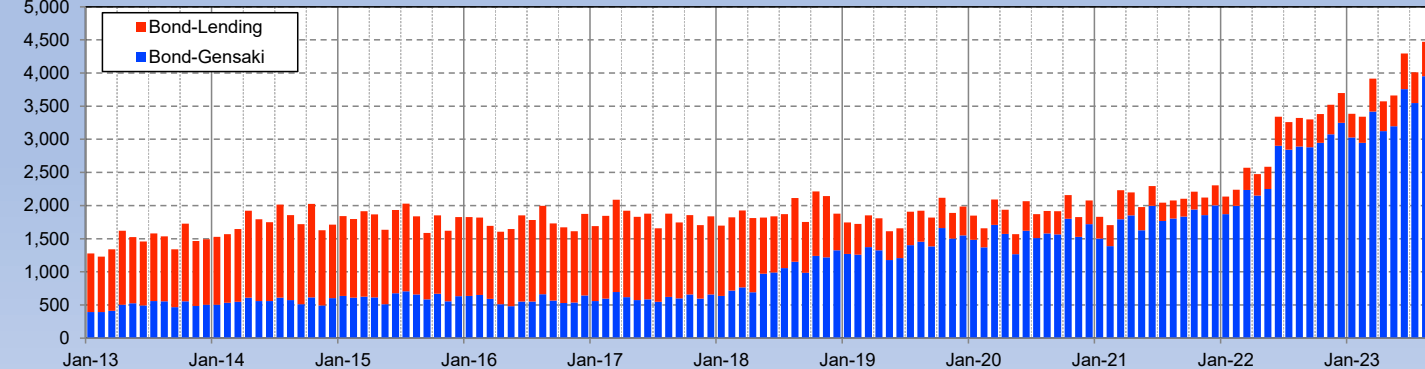
### Trading Volume of 10-Year JGB Futures

(trillion yen)



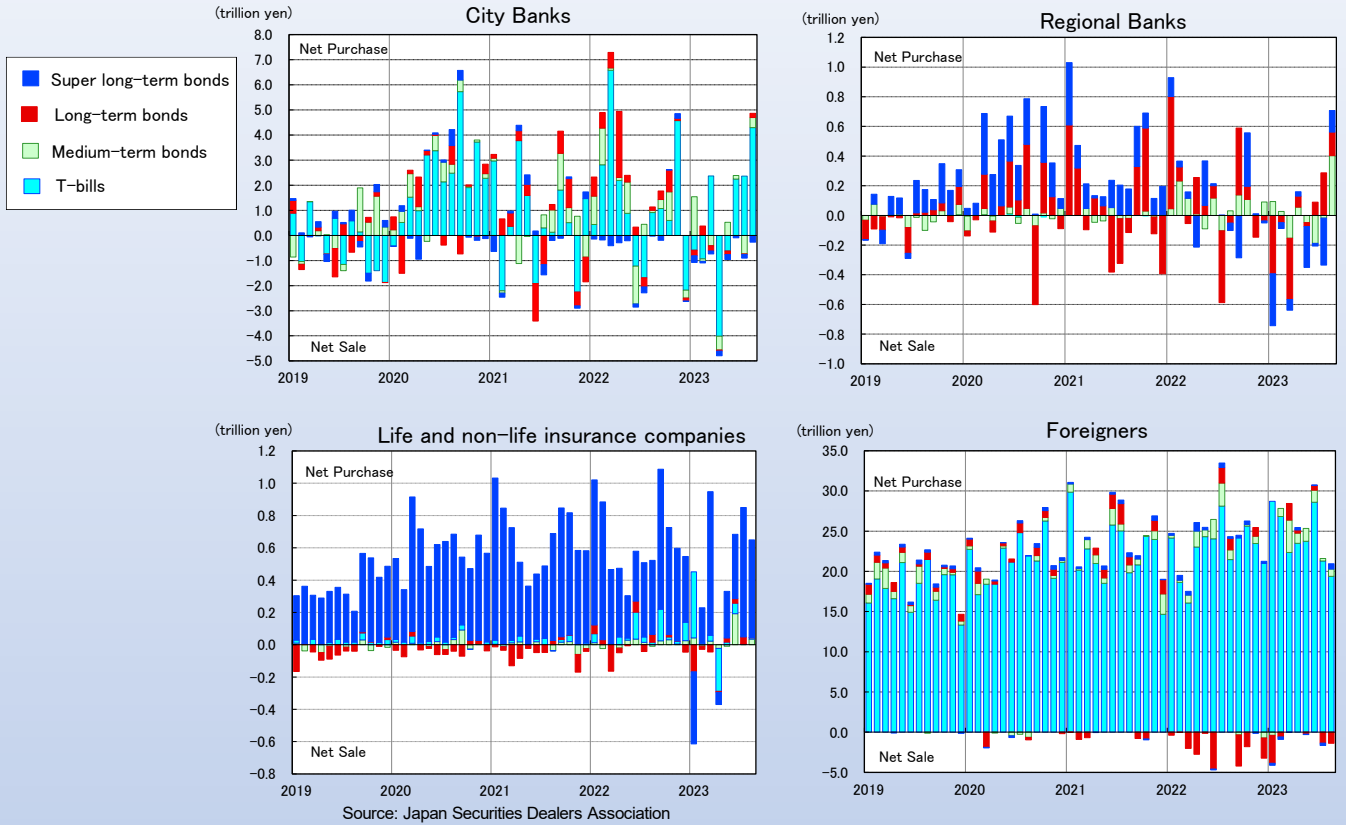
### Repurchase Transactions

(trillion yen)

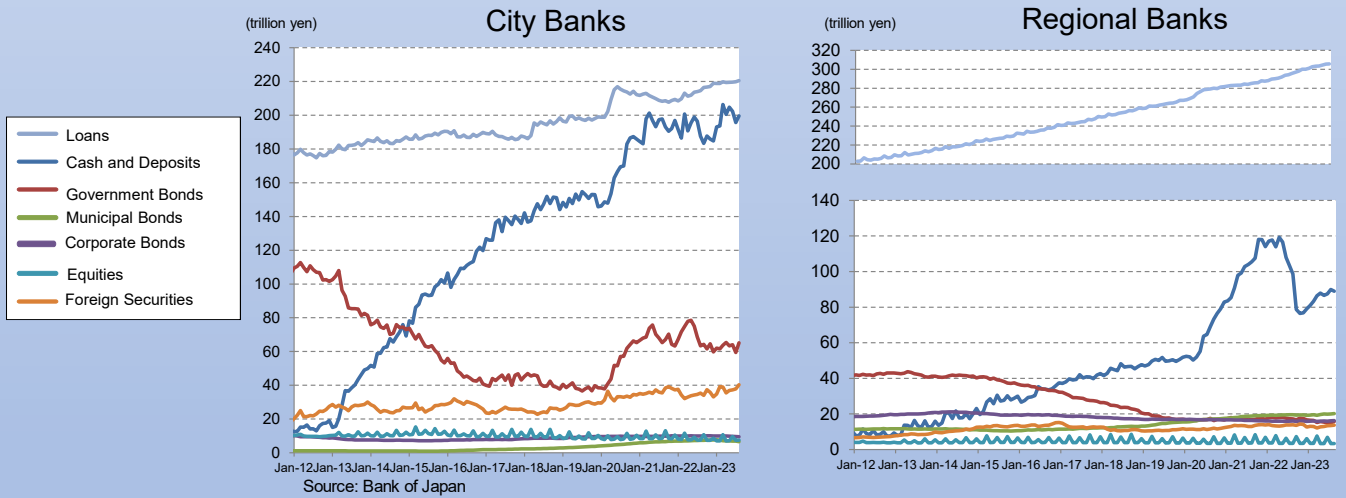


# Investor Trends and JGB Outstanding

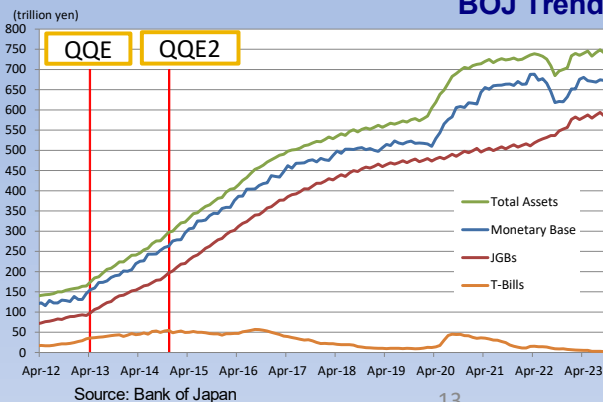
## Trends in JGBs Transactions (by investor type)



## Trends in Bank Assets by Types



## BOJ Trends

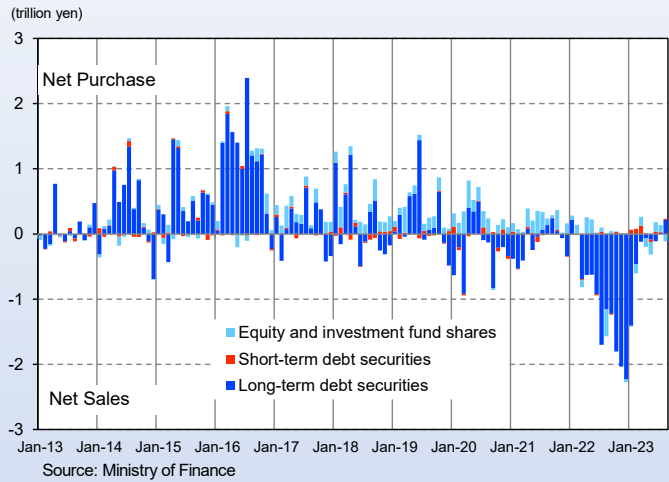
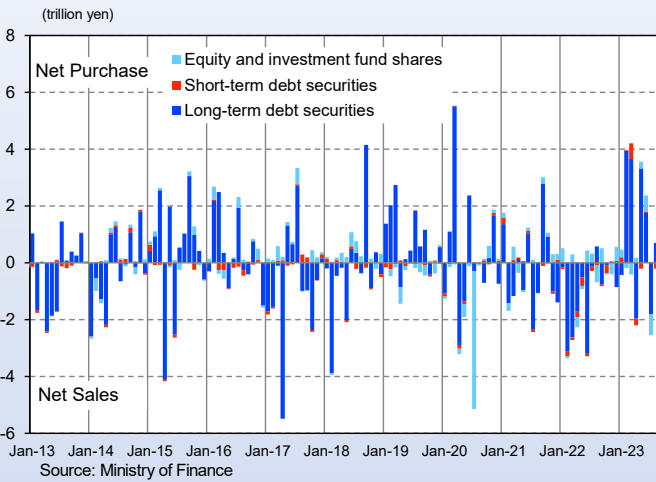


	Apr 2013 (Actual)	Sep 2023 (Actual)
Monetary Base	155	673
JGBs	98	585
T-Bills	36	2.3
CP	1.4	2.3
Corporate Bonds	2.9	6.7
ETFs	1.7	37.1
J-REITs	0.13	0.66
<b>Total Assets</b>	<b>175</b>	<b>741</b>

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

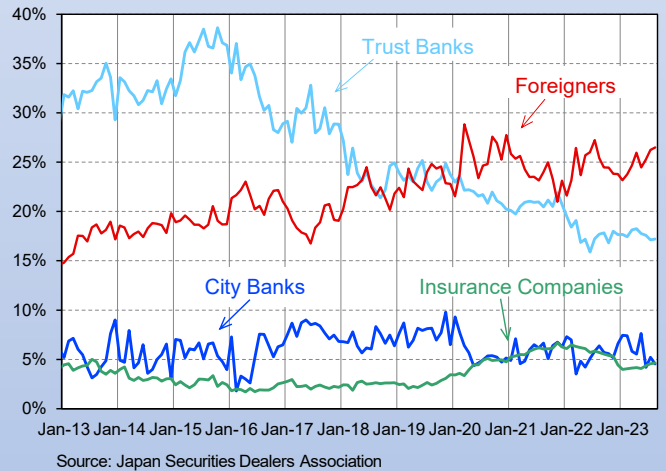
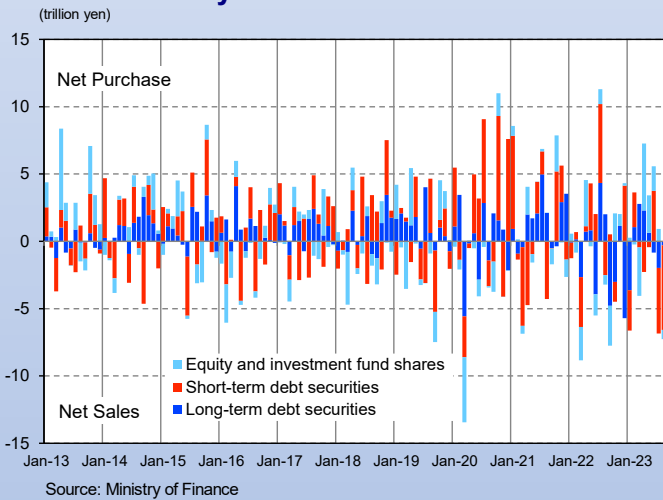
Banks(Banking Accounts)

Life Insurance Companies



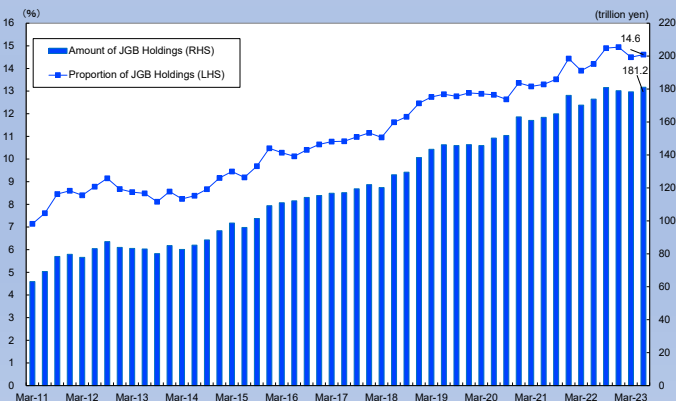
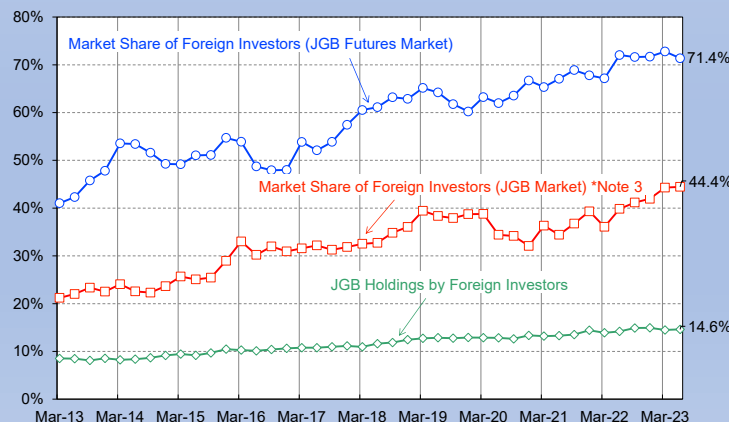
## Transactions of Domestic Securities by Non-Residents

## Outstanding of Repurchase Agreements (by Investor types)



## Foreign Investors Presence

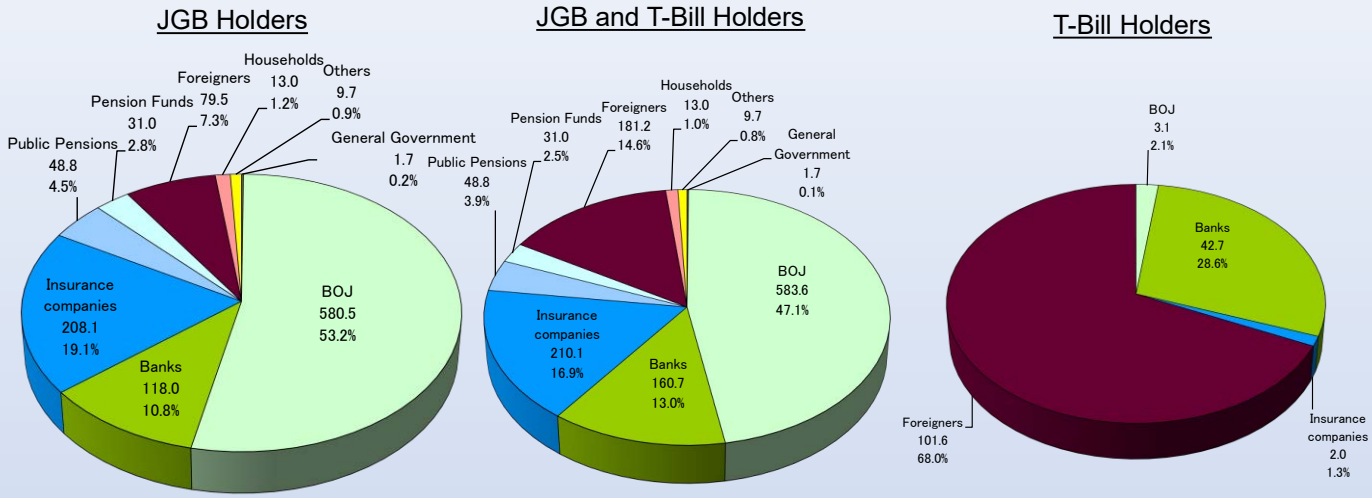
## JGBs Holdings by Foreign Investors



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. 2023 QE)



(Unit: trillion yen)

Total 1,090.3 trillion yen

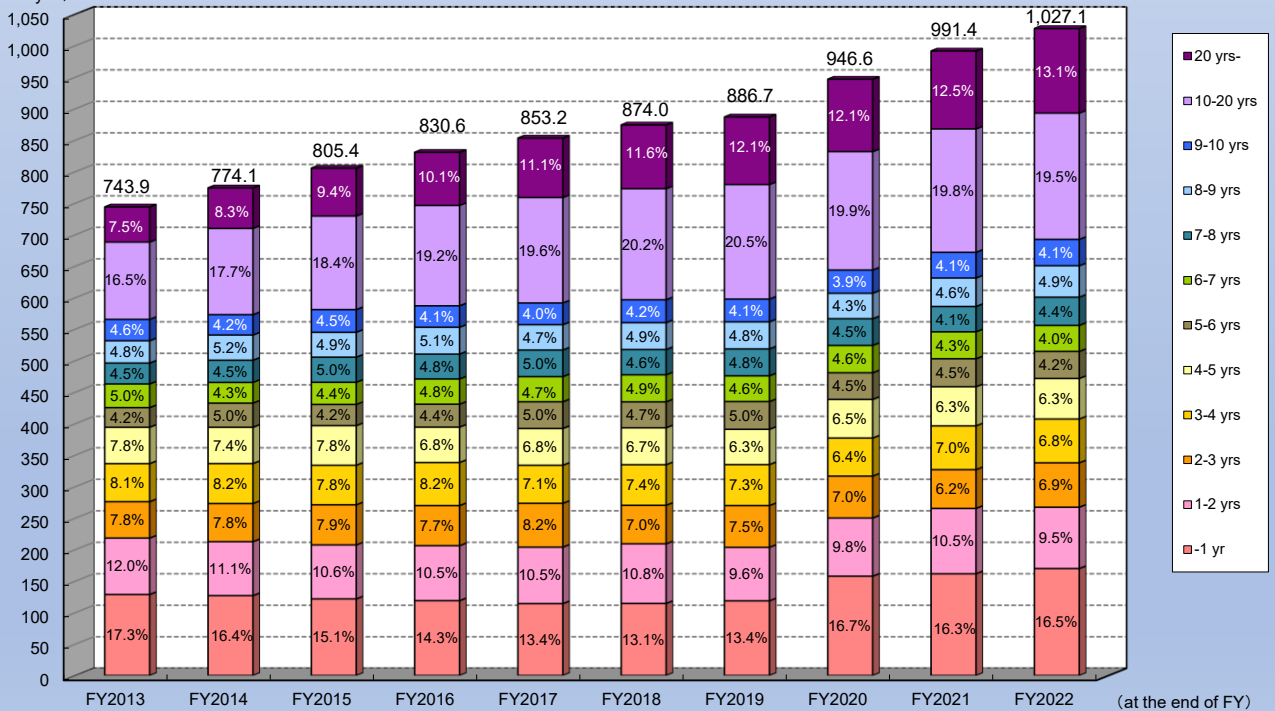
Total 1,239.7 trillion yen

Total 149.4 trillion yen

Note 1: "JGB" includes "FILP Bonds."  
 Note 2: "Banks" include "Japan Post Bank," "Securities investment trusts," "Securities companies," etc.  
 Note 3: "Insurance companies" include "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)

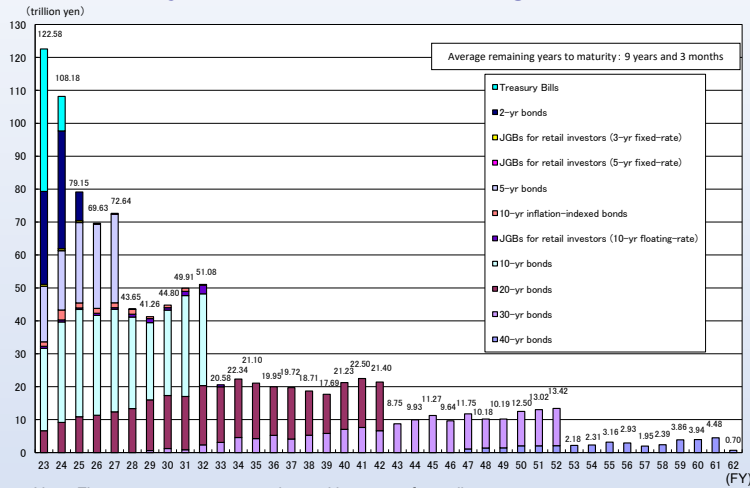


Average YTM*	7Y7M	8Y0M	8Y5M	8Y7M	8Y10M	9Y0M	9Y2M	8Y11M	9Y0M	9Y2M
Average YTM (excluding JGBs for Retail Investors)	7Y8M	8Y0M	8Y5M	8Y8M	8Y11M	9Y1M	9Y2M	8Y11M	9Y0M	9Y2M

\*years to maturity



## Time-to-Maturity Structure of Outstanding JGB (June, 2023)



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

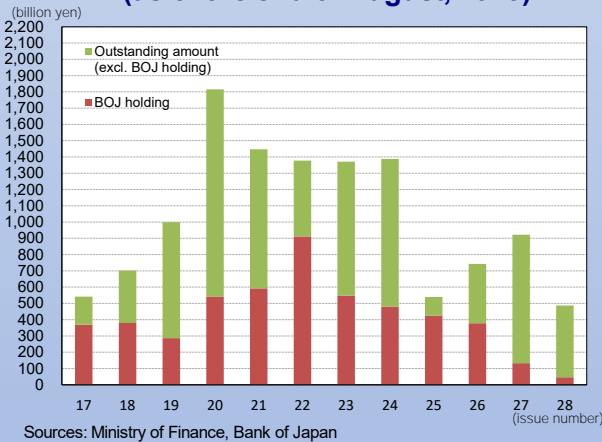
## Scheduled redemption of JGB at maturity in October, 2023

Types	The amount of redemption at maturity	Date of redemption
2-Year Bonds	3,122.2	10/1/2023
Treasury Bills (1-Year)	3,500.0	10/20/2023
<b>Total</b>	<b>6,622.2</b>	

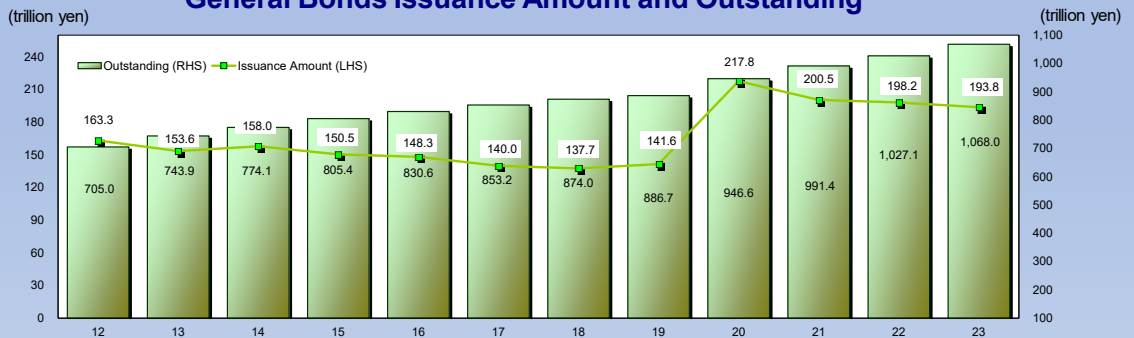
(billion yen)

Note 1: The figures are based on the outstanding JGBs at the end of August, 2023.  
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 August, 2023)



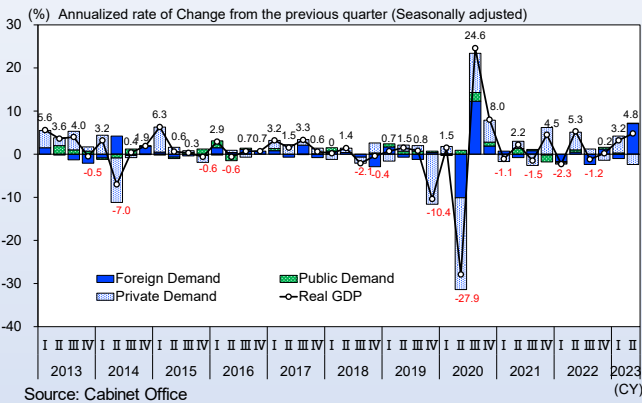
## General Bonds Issuance Amount and Outstanding



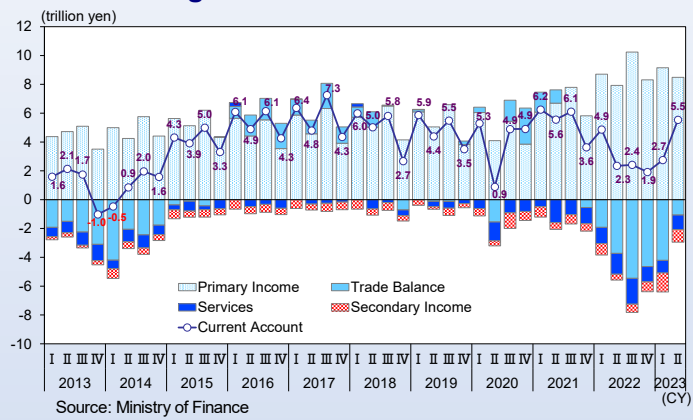
Note 1: Issuance Amount: revenue basis, FY2012-2022: Actual, FY2023: Initial budget  
Note 2: Outstanding: nominal basis, FY2012-2022: Actual, FY2023: Initial budget  
Source: Ministry of Finance

# Economic and Financial Trends

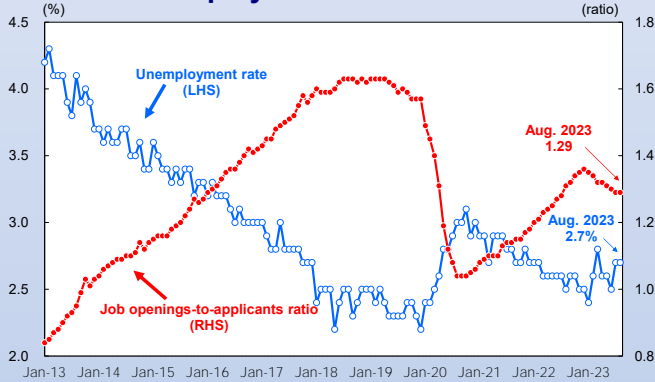
## Real GDP Growth Rate



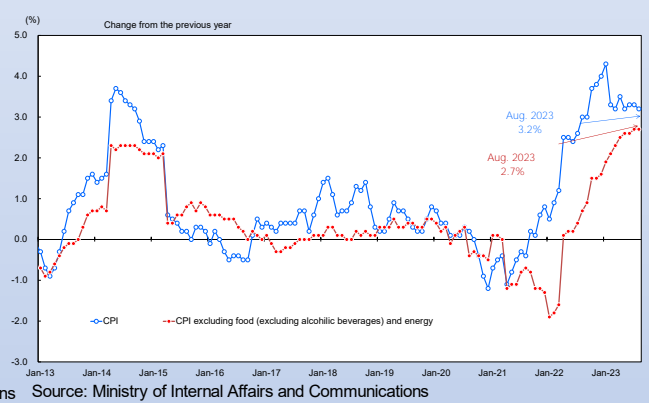
## Changes in Current Account



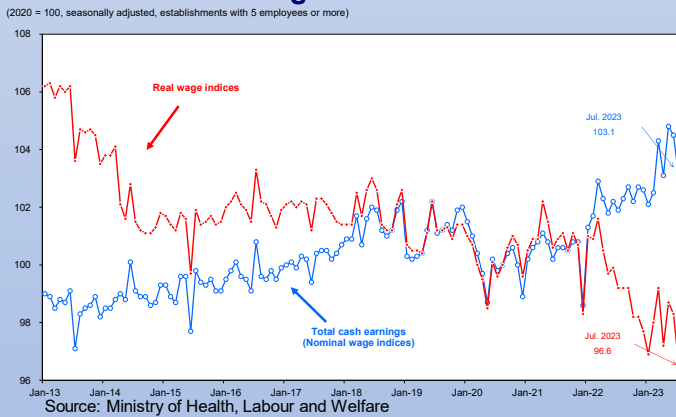
## Employment Conditions



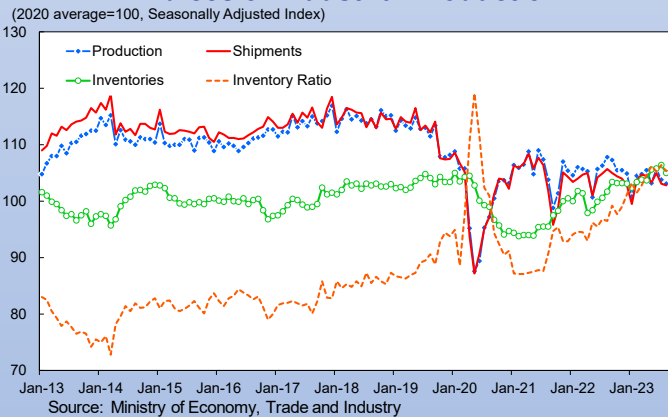
## Prices



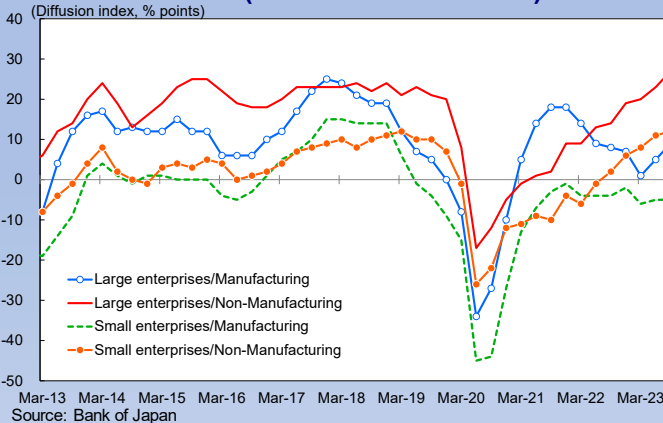
## Wage Indices



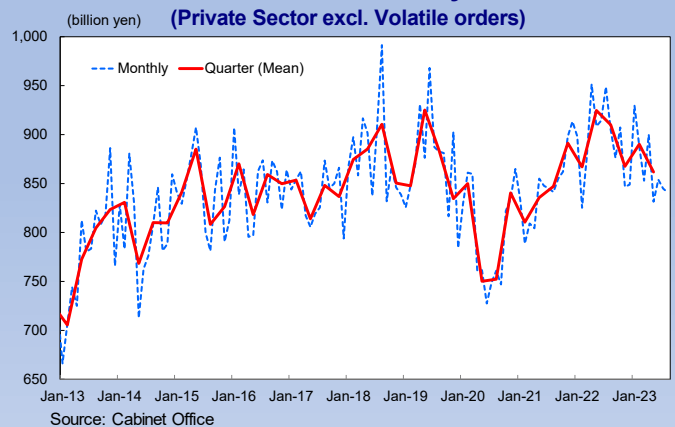
## Indices of Industrial Production



## TANKAN (Business Conditions)



## Total Value of Machinery Orders



## Information

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

To subscribe to our Newsletter, please email:

[JGB-IR@mof.go.jp](mailto:JGB-IR@mof.go.jp)

To see our past Newsletters,  
please visit the link below  
or scan this QR code.



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

**Debt Management Policy Division, Financial Bureau, Ministry of Finance**

3-1-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8940 Japan

Phone: 81-3-3581-4111

Web: <https://www.mof.go.jp/>