

SUMMARY

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- ✓ On May 8, the Ministry of Finance released the update on central government debt. Outstanding government bonds and borrowings increased to 1,114.5 trillion yen from the end of December (1,110.8 trillion yen) by 3.8 trillion yen.

Q&A: Average Maturity of JGBs p.3

- ✓ Kokusai Sensei explains the average maturity of JGBs.

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- ✓ The second preliminary GDP estimate (Jan.-Mar. 2020) was released on June 8. Real GDP contracted by 0.6% (annual rate -2.2%) from the previous quarter.
- ✓ The Ministry of Finance and the Bank of Japan released a region-by-region breakdown of JGBs and other Japanese bonds held overseas in the international balance of payments statistics. According to the statistics, JGB and other Japanese bond holdings by foreign investors at the end of 2019 totaled (1) 90.1 trillion yen in Europe, (2) 34.9 trillion yen in Asia, (3) 32.4 trillion yen in North America, (4) 12.1 trillion yen in Central and South America, (5) 3.2 trillion yen in the Middle East.

IR Office: Summary of our IR activity in FY2019 p.6

- ✓ Meetings with overseas investors
 - 4 overseas Investor Relations missions covering 11 cities over 8 countries in North America, Europe and Asia.
- ✓ Meetings with foreign investors visiting Japan
 - 60 meetings with foreign investors visiting Japan.
- ✓ Presentation in seminars for foreign investors

Statistics

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What's New

Central Government Debt (As of March 31, 2020)

On May 8, the Ministry of Finance released the update on central government debt. Debt outstanding and composition as of the end of March 2020 are as follows:

<Main Points>

- Outstanding government bonds and borrowings increased to 1,114.5 trillion yen from the end of December (1,110.8 trillion yen) by 3.8 trillion yen. The total amount for FBs increased by 3.3 trillion yen and FILP bonds increased by 1.8 trillion yen, while general bonds decreased by 1.2 trillion yen.
- Long-term outstanding central government debt, which does not include FILP bonds, FBs and some of the borrowings related to local governments, decreased to 913.5 trillion yen from the end of December (915.0 trillion yen).

Central Government Debt

(trillion yen)

	The end of March 2020 (Actual)	Increase or Decrease(-) from the End of the Previous Quarter
1) Outstanding Government Bonds and Borrowings		
General Bonds	886.7	-1.2
Fiscal Investment and Loan Program Bonds (FILP Bonds)	91.1	1.8
Borrowings, Subsidy Bonds, etc.	62.3	-0.2
Financing Bills (FBs)	74.4	3.3
Total	1,114.5	3.8
2) Outstanding Government-Guaranteed Debts		
Government-Guaranteed Debts	36.2	-0.7

Notes:

1. Figures may not sum up to the total because of rounding.
2. Above "Outstanding Government Bonds and Borrowings" includes government bonds and borrowings held by government.
3. Figures are total of the general account and all special accounts, and the coverage is different from the central government defined in SNA.
4. The data as of June 30, 2020 will be released on August 7, 2020.

Details: <https://www.mof.go.jp/english/qbs/reference/gbb/e202003.html>

(Reference) Long-term debt outstanding of central and local governments

The MOF has announced the "Long-term debt outstanding of central and local governments" whose interest payments and redemption funds are mainly to be covered by tax revenues, from the viewpoint of transparency of fiscal management. The statistics are derived by adding the long-term debt outstanding of local governments to the above mentioned Central Government Debt, while excluding Fiscal Investment and Loan Program Bonds and Financing Bills.

(trillion yen)

	The end of Mar. 2020 (Actual)	Increase or Decrease(-) from the End of the Previous Quarter	The end of FY2019 (Estimate)
① General Bonds	886.7	-1.2	Approx. 898
② Fiscal Investment and Loan Program Bonds	Not included	Not included	Not included
③ Borrowings, Subsidy Bonds, etc. (Note 1)	26.8	-0.4	Approx. 27
④ Financing Bills	Not included	Not included	Not included
Long-term debt outstanding of central governments	913.5	-1.5	Approx. 925
⑤ Long-term debt outstanding of local governments	(Note 2)		Approx. 192
Long-term debt outstanding of central and local governments	(Note 2)		Approx. 1,117

Note 1: The borrowings of the Special Account for Allotment of Local Allocation Tax and Local Transfer Tax (end of FY2019: approx. ¥31 trillion) are included in "⑤ Long-term debt outstanding of local governments" because the burden of redemption funds falls on local governments.

Note 2: The actual figure of "⑤ Long-term debt outstanding of local governments" is blank, because quarterly data has not been created.

Q&A: Average maturity of JGBs



Today, I would like to touch on the average maturity of JGBs, as we have received questions on this topic from various investors so far.

Kokusai Sensei

Q. Is there any intention to extend the average maturity of JGBs by making use of the current low interest rate environment?

A. In formulating the annual JGB Issuance Plan, the Ministry of Finance (MOF) had tried to lengthen the average maturity of JGBs in view of low interest rates.

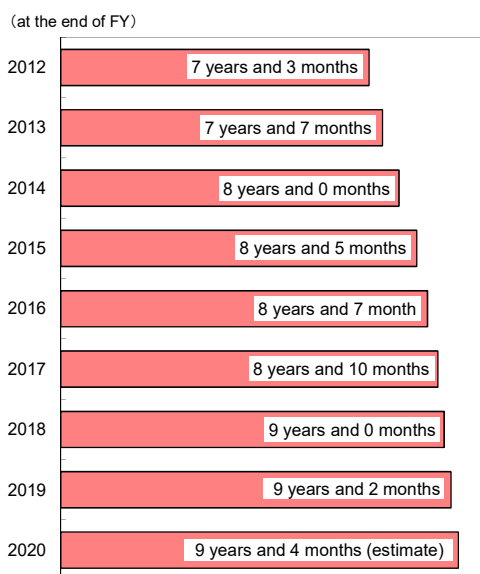
What should be given priority from the viewpoint of the Debt Management Policy to address interest rate hike risks is the average maturity of the outstanding balance of JGBs (stock-basis). In the past, however, the MOF paid attention to the average maturity of the calendar-based JGB issuance (flow-basis). One of the reasons was that the flow-basis average maturity was easy to be grasped as statistics.

If the MOF continues to draft the annual JGB Issuance Plan for the purpose of lengthening the flow-basis average maturity, however, they may not be able to make flexible responses to temporary demand trends, leading fundraising costs to increase. If market environment changes force the average maturity to be shortened rapidly, market participants may lose confidence in the Debt Management Policy.

As the outstanding balance of JGBs had increased, the influence that a change in the annual flow-basis maturity distribution exerts on the stock-basis average maturity had declined. Therefore, the MOF currently formulates the JGB Issuance Plan while paying attention to the market needs that it has been made aware of through various meetings, the structure of the JGB investor base and major investors' debt mix, assessing a proper level for the stock-basis average maturity without necessarily sticking to lengthening the flow-basis average maturity.

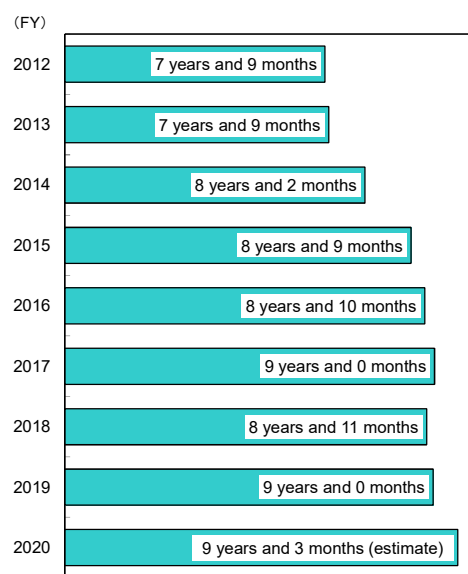
[Average maturity of JGBs]

Outstanding amount (stock-basis)



Note 1: Outstanding amount of general bonds
 Note 2: Up to FY2019: Actual figures
 FY2020: Estimate by adding calendar base issuance amount of the JGB Issuance Plan for FY2020 (Initial), including 43 trillion yen of front-loading refunding bonds

Market issuance (flow-basis)



Note: Up to FY2019: Actual figures
 FY2020: Estimate by adding calendar base issuance amount of the JGB Issuance Plan for FY2020 (Initial)



If you have any questions regarding the contents of this newsletter, please do not hesitate to contact us at: JGB-IR@mof.go.jp

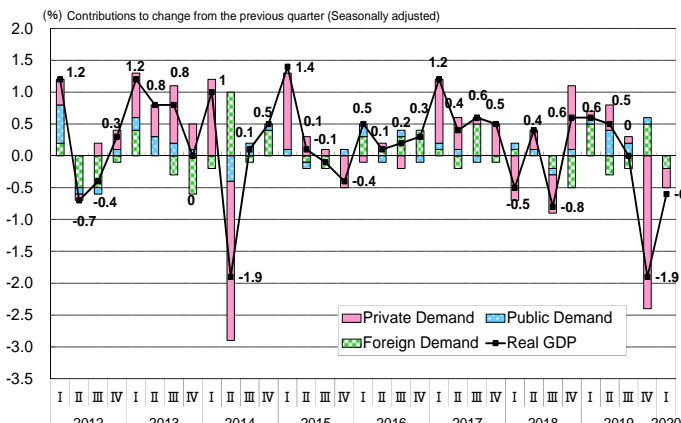
Monthly Topics

1. Quarterly Estimates of GDP Jan.–Mar. 2020

The second preliminary GDP estimate (Jan.-Mar. 2020) was released on June 8. Real GDP contracted by 0.6% (annual rate -2.2%) from the previous quarter. This was mainly due to the decline in Private Consumption that contributed minus 0.4% points. On the other hand, there was a support from private non-residential investment that contributed 0.3% points.

By demand item, Private Residential Investment declined by 4.2% and private demand overall declined by 0.5% from the previous quarter.

**Development of Real GDP
(Quarterly, seasonally adjusted series)**



(Source) Cabinet Office

	2019				2020		2020
	1~3	4~6	7~9	10~12	1~3	1~3	1~3
Gross Domestic Product	0.6	0.5	0.0	-1.9	-0.6	***	-2.2
Domestic Demand	0.1	0.8	0.2	-2.4	-0.4	***	-1.4
Private Demand	(0.1)	(0.8)	(0.2)	(-2.4)	***	(-0.4)	***
Private Consumption	0.1	0.6	0.1	-3.3	-0.5	(-0.3)	-1.9
Consumption of Households	0.1	0.5	0.4	-2.9	-0.8	(-0.4)	-3.0
Excluding Imputed Rent	-0.0	0.5	0.4	-3.0	-0.8	(-0.4)	-3.3
Private Residential Investment	-0.1	0.5	0.4	-3.7	-1.1	(-0.5)	-4.2
Private Non-Resi. Investment	1.4	-0.2	1.2	-2.3	-4.2	(-0.1)	-15.7
Change in Private Inventories	-0.5	0.9	0.2	-4.8	1.9	(0.3)	8.0
Change in Public Inventories	(0.1)	(0.0)	(-0.3)	(0.0)	***	(-0.1)	***
Public Demand	0.3	1.6	0.8	0.3	-0.0	(-0.0)	-0.2
Government Consumption	-0.2	1.5	0.7	0.2	0.0	(0.0)	0.2
Public Investment	2.4	1.7	1.0	0.5	-0.6	(-0.0)	-2.2
Change in Public Inventories	(-0.0)	(0.0)	(-0.0)	(0.0)	***	(0.0)	***
Net Exports of Goods & Services	(0.5)	(-0.3)	(-0.2)	(0.5)	***	(-0.2)	***

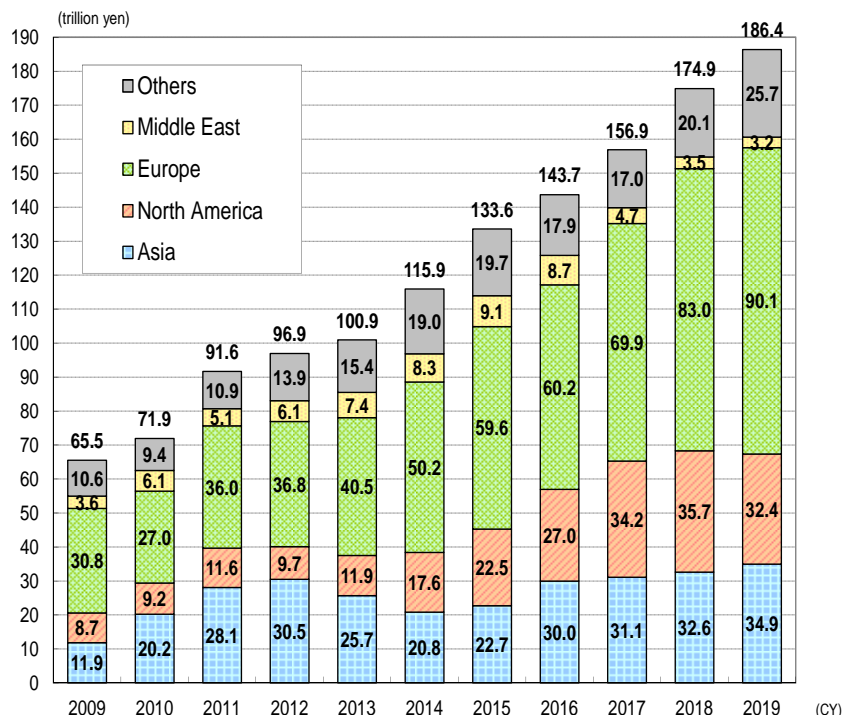
Note1: Change from the previous quarter (seasonally adjusted)
 Note2: Annual rate
 Note3: The Figures in () indicate contributions to Changes in GDP.
 (Source) Cabinet Office

2. Foreign Investors' Bond Holdings by Region

The Ministry of Finance and the Bank of Japan released a region-by-region breakdown of JGBs and other Japanese bonds held overseas in the international balance of payments statistics.

According to the statistics, JGB and other Japanese bond holdings by foreign investors at the end of 2019 totaled (1) 90.1 trillion yen in Europe, (2) 34.9 trillion yen in Asia, (3) 32.4 trillion yen in North America, (4) 12.1 trillion yen in Central and South America, (5) 3.2 trillion yen in the Middle East.

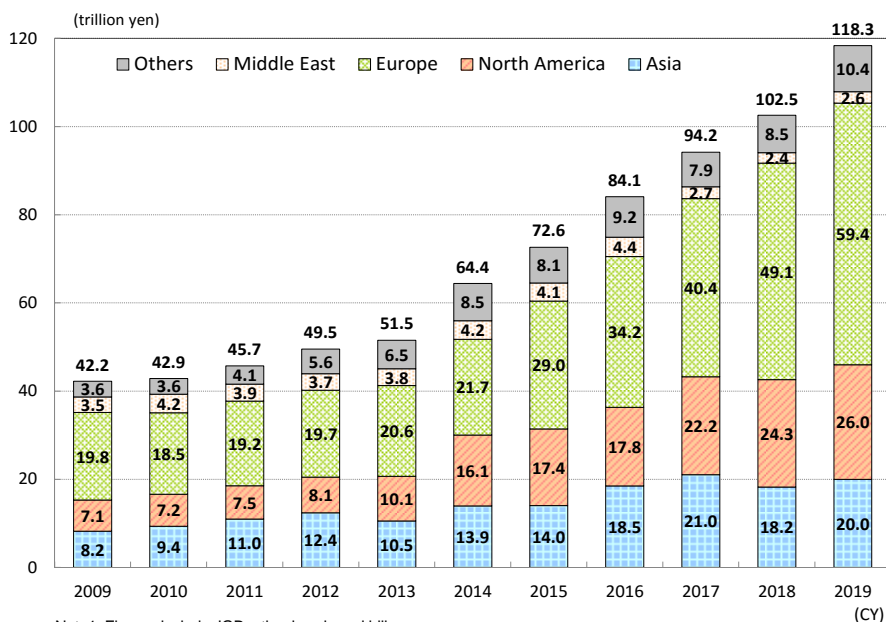
A country-by-country breakdown of Japanese bonds held overseas indicates that the five largest holders of these bonds were (1) the U.S with 31.3 trillion yen, (2) Belgium with 28.5 trillion yen, (3) Luxembourg with 26.0 trillion yen, (4) China with 16.1 trillion yen, and (5) the U.K. with 12.2 trillion yen.



Note1: Figures include JGB, other bonds and bills.
 Note2: The breakdown does not necessarily give a region-by-region breakdown of final investors.
 (Sources) Ministry of Finance, Bank of Japan

The two charts below indicate the breakdown of the statistics by bond maturity. According to the statistics, long-term bond (more than one year) holdings by foreign investors at the end of 2019 totaled (1) 59.4 trillion yen in Europe, (2) 26.0 trillion yen in North America, (3) 20.0 trillion yen in Asia, (4) 6.6 trillion yen in Central and South America, and (5) 2.6 trillion yen in the Middle East. Short-term (one year or less) bond holdings by foreign investors at the end of 2019 totaled (1) 30.7 trillion yen in Europe, (2) 15.0 trillion yen in Asia, (3) 6.5 trillion yen in North America, (4) 5.5 trillion yen in Central and South America, and (5) 2.3 trillion yen in Oceania.

<Long-term bonds (more than one year)>

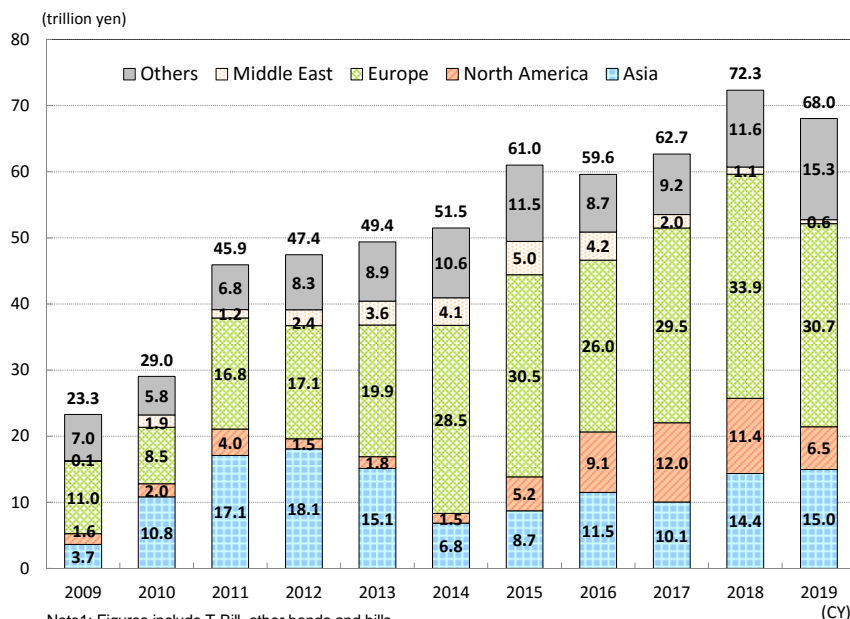


Note1: Figures include JGB, other bonds and bills.

Note2: The breakdown does not necessarily give a region-by-region breakdown of final investors.

(Sources) Ministry of Finance, Bank of Japan

<Short-term bonds (one year or less)>



Note1: Figures include T-Bill, other bonds and bills.

Note2: The breakdown does not necessarily give a region-by-region breakdown of final investors.

(Sources) Ministry of Finance, Bank of Japan

MOF International Investment Position (Regional Portfolio Investment and Financial Derivatives Position (Liabilities))

URL: https://www.mof.go.jp/international_policy/reference/iip/rdip2019.xls

BOJ Time-Series Data Search (historical data, etc.)

URL: http://www.stat-search.boj.or.jp/index_en.html

Summary of our IR activity in FY2019

The Ministry of Finance (MOF) has made efforts to enhance relations with foreign investors in JGBs since 2005. Our main activities in FY2019 are as follows:

① Meetings with overseas investors

We sent a total of 4 overseas Investor Relations missions covering 11 cities over 8 countries in North America, Europe and Asia.

② Meetings with foreign investors visiting Japan

We had 60 meetings with foreign investors visiting Japan.

③ Presentation in seminars for foreign investors

Furthermore, we have engaged in cooperation with foreign debt management authorities and international organizations. In June 2019, the MOF and the International Monetary Fund (IMF) co-hosted an IMF Public Debt Management Forum in Tokyo.

We will continue to build close relations with foreign investors through gathering and providing information meeting their needs in a fine-tuned manner.

***If you have any questions regarding the contents of this newsletter,
please do not hesitate to contact us at: JGB-IR@mof.go.jp***

Auction Results (Bonds)

(Until 31 May 2020)

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)
3/3/2020	10-year	357	12/20/2029	0.1%	5,471.8	1,709.7	▲0.086%	▲0.100%	0.280	389.7	209.0
3/5/2020	30-year	65	12/20/2049	0.4%	2,070.9	567.4	0.339%	0.335%	-	131.5	21.6
3/10/2020	5-year	142	12/20/2024	0.1%	4,308.9	1,575.9	▲0.184%	▲0.220%	-	324.0	0.0
3/12/2020	20-year	171	12/20/2039	0.3%	2,718.2	736.2	0.252%	0.248%	-	163.3	64.0
3/26/2020	40-year	12	3/20/2059	0.5%	1,062.1	399.6	0.450%	-	-	-	15.5
3/31/2020	2-year	411	4/1/2022	0.1%	6,949.8	1,622.4	▲0.112%	▲0.125%	-	377.1	117.1
4/2/2020	10-year	358	3/20/2030	0.1%	7,101.0	1,693.7	0.024%	0.023%	1.005	404.7	206.4
4/7/2020	30-year	66	3/20/2050	0.4%	2,018.0	572.2	0.441%	0.426%	-	127.5	0.0
4/9/2020	5-year	143	3/20/2025	0.1%	7,669.8	1,541.1	▲0.093%	▲0.095%	-	358.4	189.1
4/21/2020	20-year	172	3/20/2040	0.4%	2,615.0	730.1	0.340%	0.335%	-	169.3	0.0
4/23/2020	2-year	412	5/1/2022	0.1%	8,808.9	1,622.5	▲0.136%	▲0.140%	-	377.1	163.2
5/8/2020	10-year Inflation-Indexed Bonds	25	3/10/2030	0.2%	768.6	200.0	0.117%	-	-	-	-
5/12/2020	10-year	358	3/20/2030	0.1%	6,936.0	1,696.1	0.000%	▲0.001%	0.265	403.1	208.9
5/14/2020	30-year	66	3/20/2050	0.4%	2,085.7	565.5	0.453%	0.449%	-	133.5	20.4
5/18/2020	5-year	143	3/20/2025	0.1%	6,919.0	1,540.3	▲0.119%	▲0.122%	-	358.9	87.1
5/20/2020	20-year	172	3/20/2040	0.4%	3,108.9	732.1	0.335%	0.332%	-	167.0	58.2
5/26/2020	40-year	13	3/20/2060	0.5%	1,527.3	499.5	0.505%	-	-	-	10.4
5/28/2020	2-year	413	6/1/2022	0.1%	8,550.6	1,620.5	▲0.169%	▲0.172%	1.000	378.0	29.2

Auction Results (Treasury Discount Bills)

(Until 31 May 2020)

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)
3/6/2020	3-month	892	6/8/2020	11,932.70	3,845.77	▲0.2505%	▲0.2697%	894.20
3/9/2020	6-month	893	9/10/2020	6,108.10	2,115.56	▲0.2516%	▲0.2872%	484.40
3/13/2020	3-month	894	6/15/2020	11,346.00	3,856.29	▲0.1824%	▲0.2385%	883.70
3/17/2020	1-year	895	3/22/2021	7,093.70	1,541.99	▲0.1981%	▲0.2021%	358.00
3/18/2020	3-month	896	6/22/2020	9,400.80	3,846.28	▲0.2024%	▲0.2897%	893.70
3/27/2020	3-month	897	6/29/2020	8,159.65	3,855.89	▲0.1022%	▲0.1884%	884.10
4/3/2020	3-month	898	7/6/2020	15,686.60	4,089.56	▲0.1022%	▲0.1218%	950.40
4/9/2020	6-month	899	10/12/2020	11,537.80	2,354.98	▲0.1419%	▲0.1458%	545.00
4/10/2020	3-month	900	7/13/2020	15,499.80	4,090.55	▲0.1202%	▲0.1431%	949.40
4/16/2020	1-year	901	4/20/2021	7,054.50	1,545.99	▲0.1477%	▲0.1547%	354.00
4/17/2020	3-month	902	7/20/2020	13,446.00	4,089.55	▲0.1263%	▲0.1367%	950.40
4/24/2020	3-month	903	7/27/2020	16,322.50	4,657.78	▲0.1142%	▲0.1283%	1,082.20
5/1/2020	3-month	904	8/3/2020	22,746.85	5,896.47	▲0.0995%	▲0.1061%	1,343.50
5/7/2020	6-month	905	11/10/2020	12,344.50	2,032.69	▲0.1435%	▲0.1474%	467.30
5/8/2020	3-month	906	8/11/2020	22,461.77	5,933.43	▲0.1110%	▲0.1229%	1,306.50
5/15/2020	3-month	907	8/17/2020	21,298.40	5,873.63	▲0.1102%	▲0.1154%	1,366.30
5/19/2020	1-year	908	5/20/2021	9,297.30	2,029.07	▲0.1607%	▲0.1657%	470.90
5/22/2020	3-month	909	8/24/2020	21,321.49	6,600.26	▲0.1102%	▲0.1166%	1,539.70
5/27/2020	6-month	910	11/25/2020	11,486.60	2,027.37	▲0.1607%	▲0.1627%	472.60
5/29/2020	3-month	911	8/31/2020	18,154.30	6,618.26	▲0.1002%	▲0.1078%	1,521.70

Auction Calendar for Jun. 2020 – Aug. 2020

Auction Date	Issue	Auction Date	Issue	Auction Date	Issue	Auction Date	Issue
6/2(Tue)	10-year	6/26(Fri)	T-Bills (3-month)	7/21(Tue)	T-Bills (6-month)	8/14(Fri)	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)
6/4(Thu)	30-year	6/30(Tue)	2-year	7/21(Tue)	20-year	8/18(Tue)	30-year
6/5(Fri)	T-Bills (3-month)	7/2(Thu)	10-year	7/22(Wed)	T-Bills (3-month)	8/19(Wed)	T-Bills (1-year)
6/9(Tue)	T-Bills (6-month)	7/3(Fri)	T-Bills (3-month)	7/28(Tue)	40-year	8/20(Thu)	5-year
6/11(Thu)	Liquidity Enhancement Auction (remaining maturities of 15.5-39 years)	7/7(Tue)	30-year	7/30(Thu)	2-year	8/21(Fri)	T-Bills (3-month)
6/12(Fri)	T-Bills (3-month)	7/9(Thu)	T-Bills (6-month)	7/31(Fri)	T-Bills (3-month)	8/24(Mon)	T-Bills (6-month)
6/15(Mon)	T-Bills (6-month)	7/9(Thu)	5-year	8/4(Tue)	10-year	8/25(Tue)	20-year
6/15(Mon)	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)	7/10(Fri)	T-Bills (3-month)	8/6(Thu)	T-Bills (6-month)	8/27(Thu)	2-year
6/18(Thu)	T-Bills (1-year)	7/14(Tue)	Liquidity Enhancement Auction (remaining maturities of 5-15.5 years)	8/6(Thu)	10-year Inflation-Indexed Bonds	8/28(Fri)	T-Bills (3-month)
6/18(Thu)	5-year	7/16(Thu)	T-Bills (1-year)	8/7(Fri)	T-Bills (3-month)		
6/19(Fri)	T-Bills (3-month)	7/16(Thu)	Liquidity Enhancement Auction (remaining maturities of 1-5 years)	8/12(Wed)	Liquidity Enhancement Auction (remaining maturities of 15.5-39 years)		
6/25(Thu)	20-year	7/17(Fri)	T-Bills (3-month)	8/14(Fri)	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.

Top 10 PDs for Successful Bids in Auctions (Calculated by Duration) (Oct. 2019~Mar. 2020)

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

Top 5 PDs for Successful Bids of Inflation-Indexed Bond (FY2019)

1	JPMorgan Securities Japan Co., Ltd.
2	Mizuho Securities Co., Ltd.
3	Goldman Sachs Japan Co., Ltd.
4	Merrill Lynch Japan Securities Co., Ltd.
5	Nomura Securities Co., Ltd.

Liquidity Enhancement Auctions and JGB Buy-Back

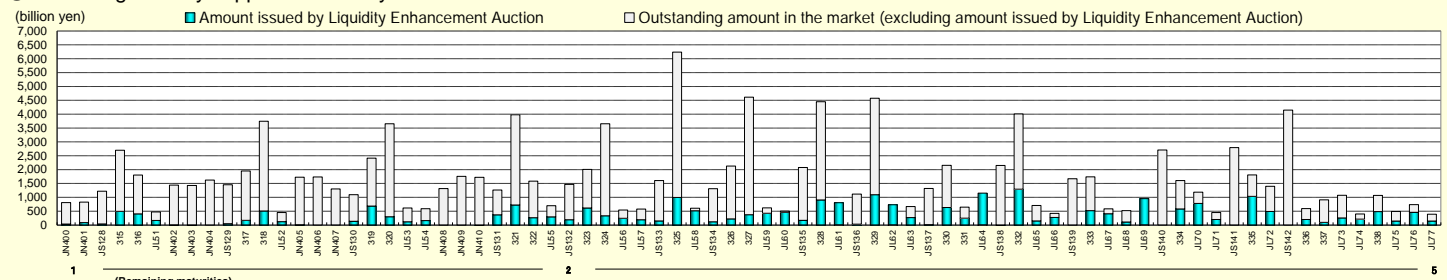
Results of Liquidity Enhancement Auctions

(Until 31 May 2020)

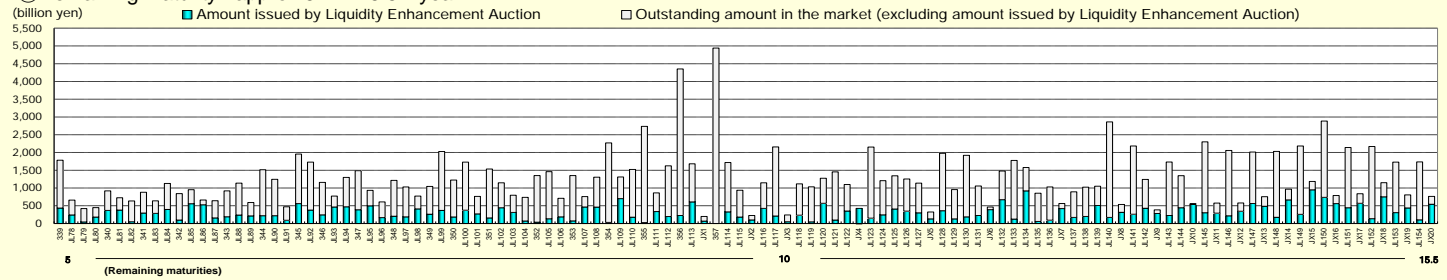
Auction Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Average Accepted Spread	Highest Accepted Spread	Issues Re-opened
3/16/2020	1,785.5	599.5	0.017%	0.030%	10-year(339, 340, 345, 356) 20-year(75, 82, 83, 84, 86, 87, 88, 102, 114, 116, 117, 118, 119, 138, 139, 148, 151, 153) 30-year(2)
3/24/2020	1,728.6	399.3	▲0.029%	▲0.021%	2-year(410) 5-year(132, 133, 134, 135, 136) 10-year(320, 323, 325, 327, 328, 329, 331, 332, 333, 335, 336, 337) 20-year(56, 57, 58, 64, 65, 69, 70, 73)
4/14/2020	1,194.8	499.1	0.016%	0.022%	20-year(155, 156, 157, 159, 160, 166, 167, 168, 169, 170) 30-year(23, 27, 28, 30, 32, 33, 34, 36, 38, 41, 42, 44, 45, 46, 48, 49, 54, 57, 58, 59, 60, 62, 64, 65) 40-year(1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)
4/16/2020	1,870.1	499.2	▲0.011%	▲0.009%	10-year(339, 344, 345, 346, 347, 348, 349, 350, 354, 355) 20-year(84, 87, 88, 89, 90, 91, 92, 95, 96, 97, 98, 132, 134, 135, 136, 141, 142, 145, 151)
5/1/2020	1,315.3	399.4	0.014%	0.018%	2-year(404, 405, 407, 410) 5-year(133, 134, 135, 136, 137, 139, 142) 10-year(325, 327, 328, 329, 330, 332, 334, 335, 336, 337, 338) 20-year(54, 55, 56, 61, 62, 63, 64, 65, 69, 70, 71)
5/22/2020	1,726.8	498.4	▲0.007%	▲0.005%	10-year(339, 341, 345, 346, 348) 20-year(93, 97, 98, 99, 100, 112, 117, 118, 124, 135, 136, 149, 150, 151, 152, 153, 154) 30-year(15, 16, 17, 18)

Target Zones of Liquidity Enhancement Auctions for the first Quarter of FY 2020

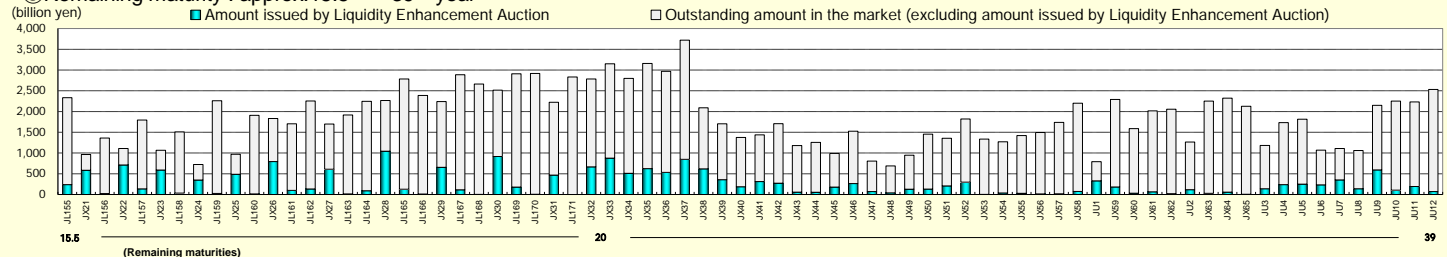
① Remaining maturity : approx. 1 - ~5 - year



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 April 2020.
Note2 : All issues in the graph above will be eligible afterward.

10-year Inflation-Indexed

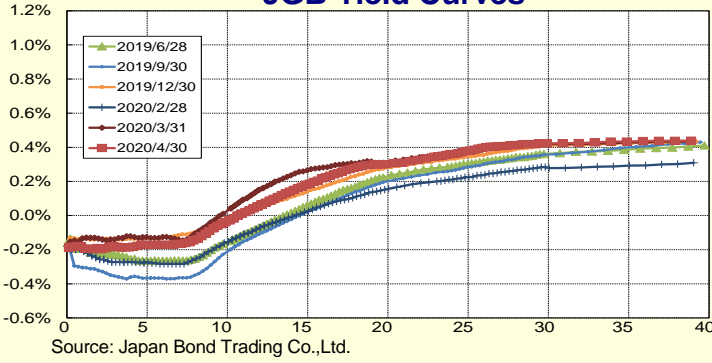
Buy-Back Results

(Until 31 May 2020)

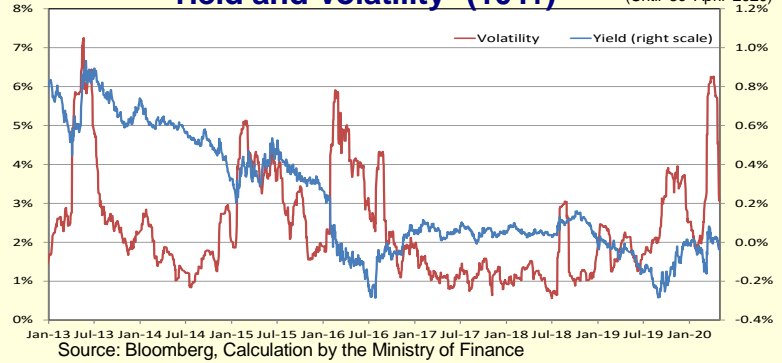
Auction Date	Amounts of Competitive Bids (billion yen)	Amounts of Bids Accepted (billion yen)	Average Accepted Spread (yen)	Highest Accepted Spread (yen)	Issue Numbers
2/17/2020	125.6	20.1	▲0.132	▲0.12	17, 20, 21, 24
3/4/2020	88.1	20.1	0.089	0.19	17, 18, 19, 20, 21, 22, 23, 24
3/25/2020	373.7	300.0	0.279	0.55	
4/17/2020	176.2	50.2	▲0.298	▲0.20	18, 20, 21, 22, 23, 24
5/13/2020	181.7	50.1	▲0.218	▲0.15	17, 18, 20, 21, 22, 23, 24, 25

JGB Secondary Market

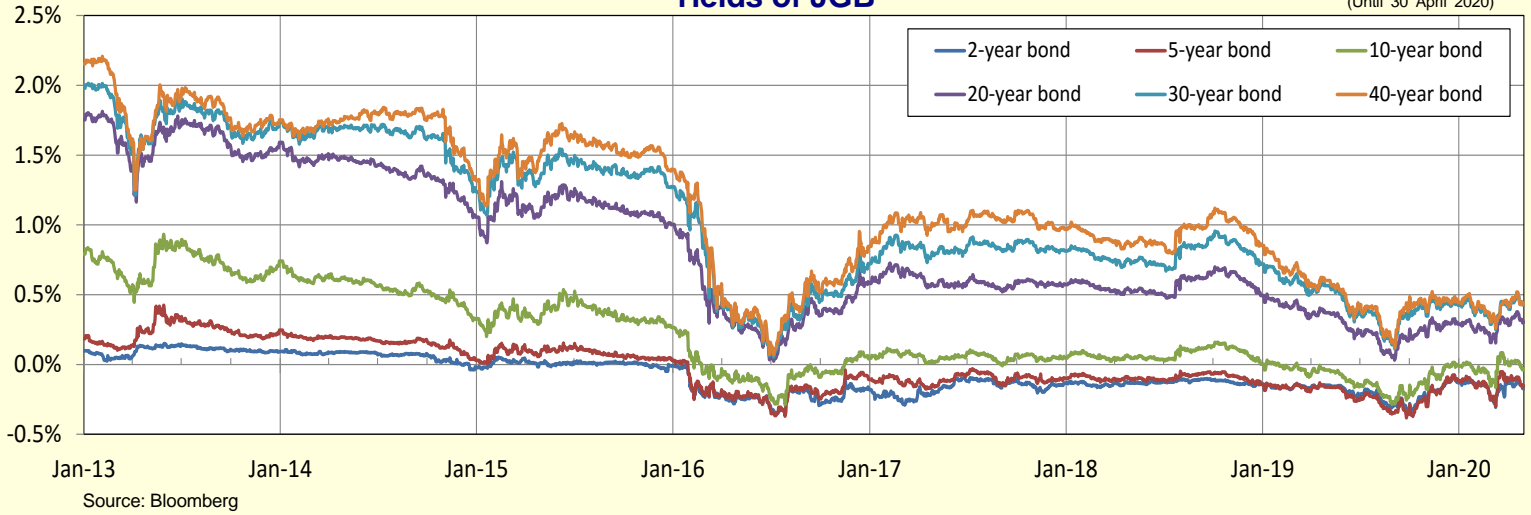
JGB Yield Curves



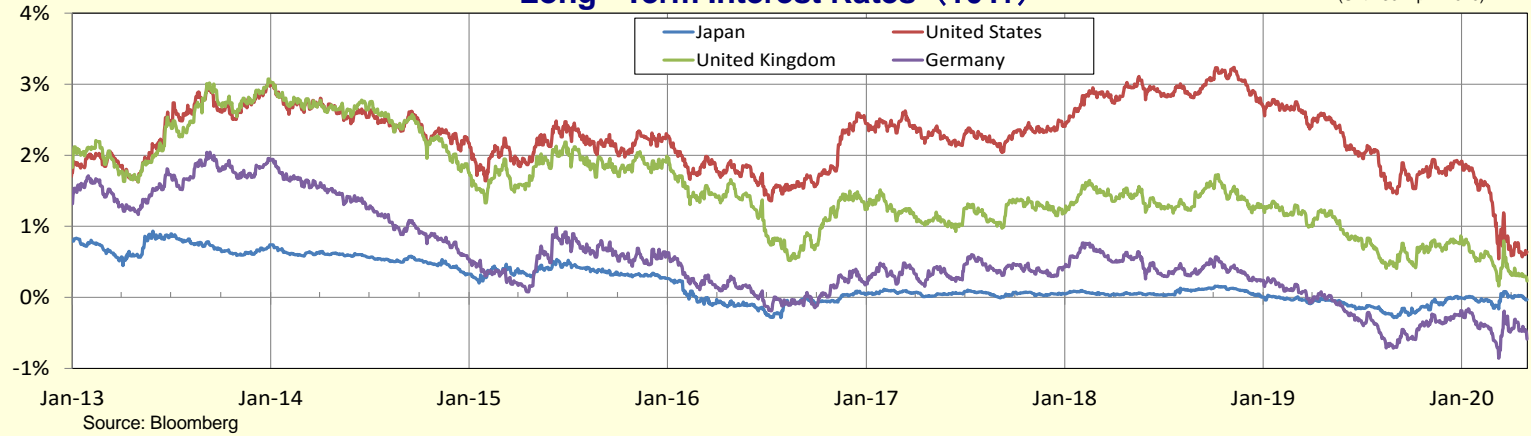
Yield and Volatility (10Yr)



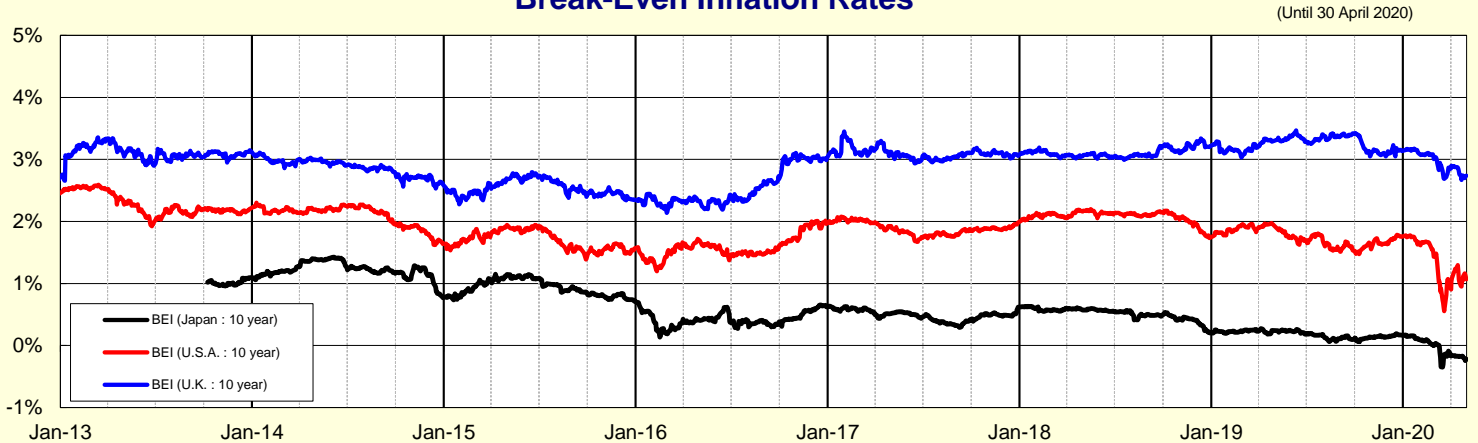
Yields of JGB



Long - Term Interest Rates (10Yr)



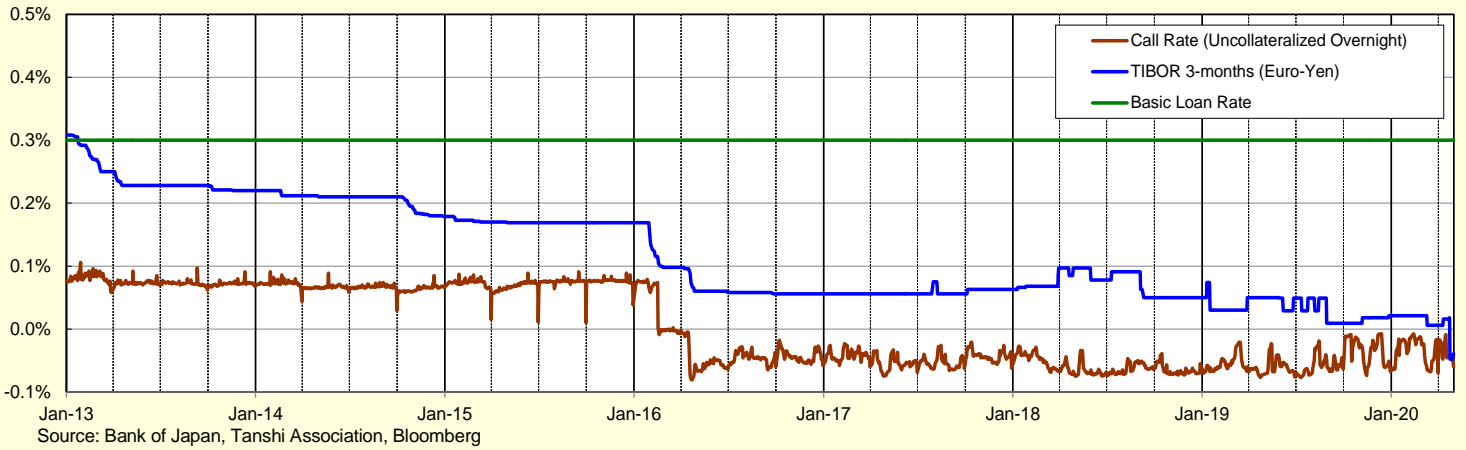
Break-Even Inflation Rates



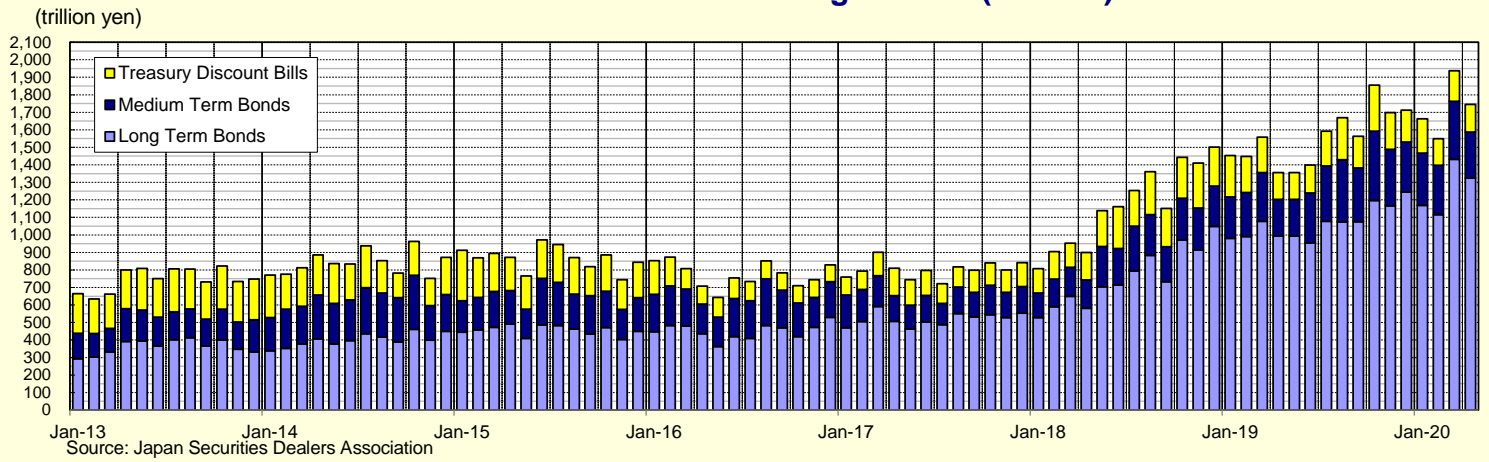
Note: BEI (Japan : 10 year) is calculated based on the compound interest rate of the new Inflation-Indexed Bonds and the 10-Year Bonds
 Source: Japan: Calculation by the Ministry of Finance based on the information on interest rates offered by NIKKEI QUICK.
 U.S.A., U.K.: Bloomberg.

Short-Term Interest Rates

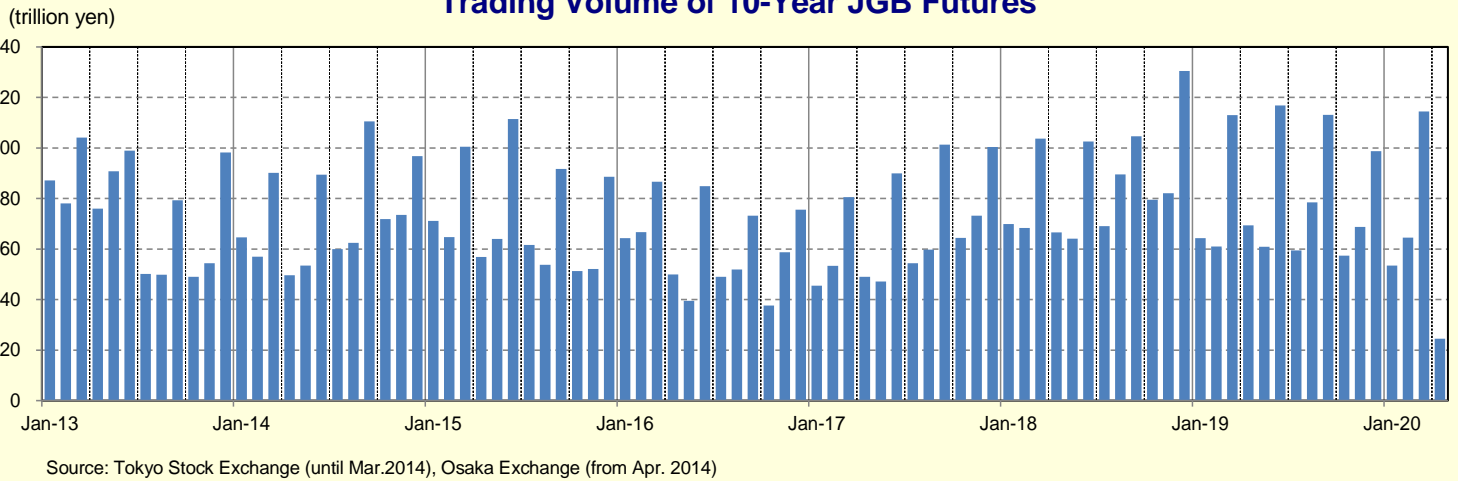
(Until 30 April 2020)



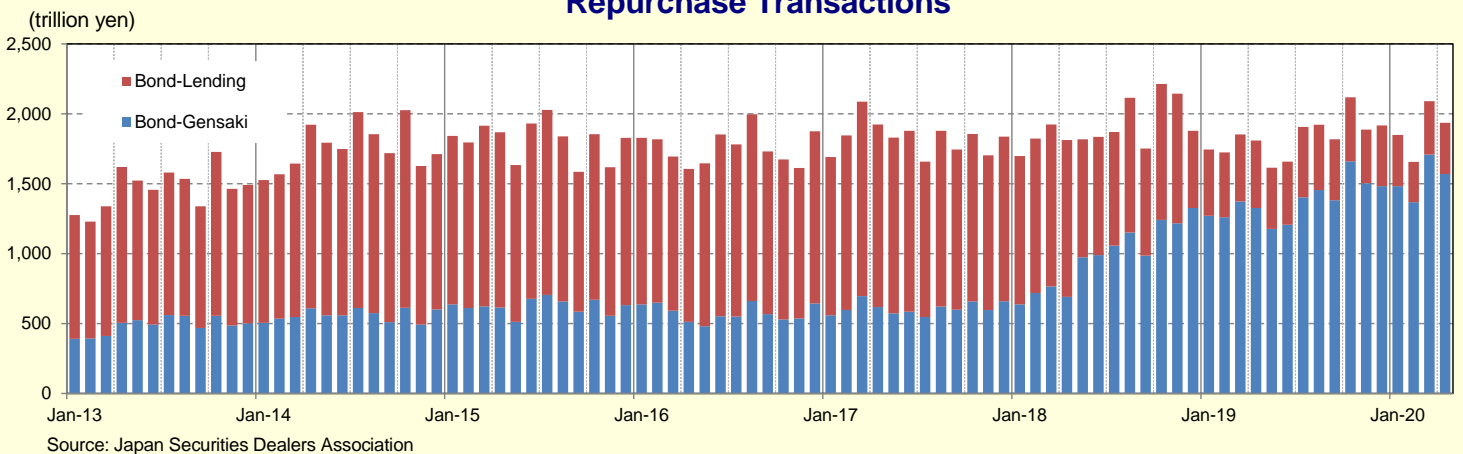
JGB Over-the-Counter Trading Volume (TOKYO)



Trading Volume of 10-Year JGB Futures

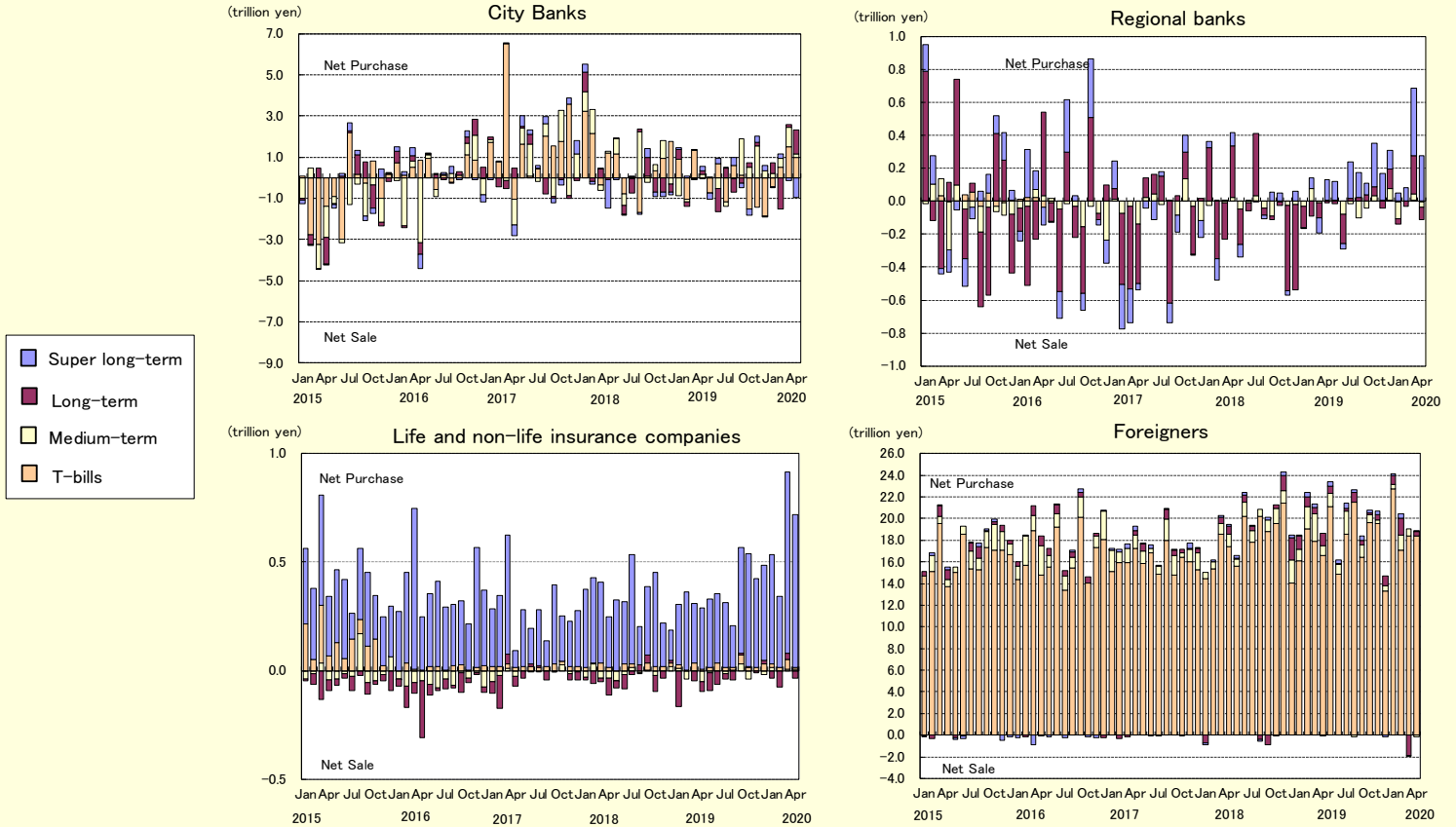


Repurchase Transactions

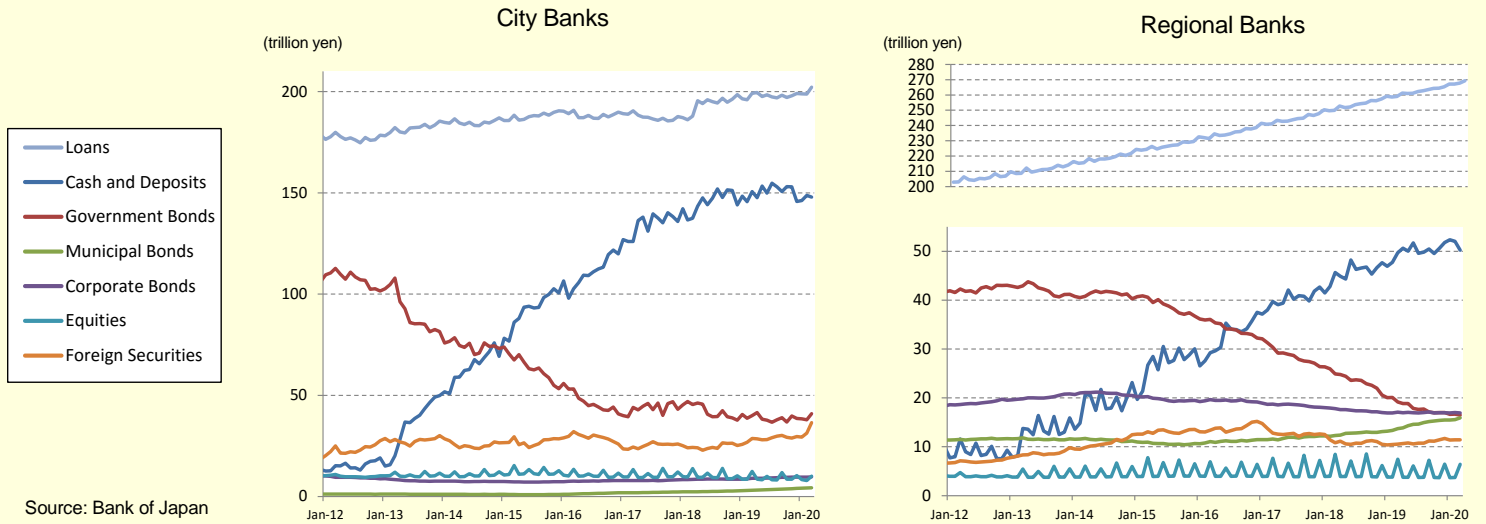


Investor Trends and JGB Outstanding

Trends in JGBs Transactions (by investor type)

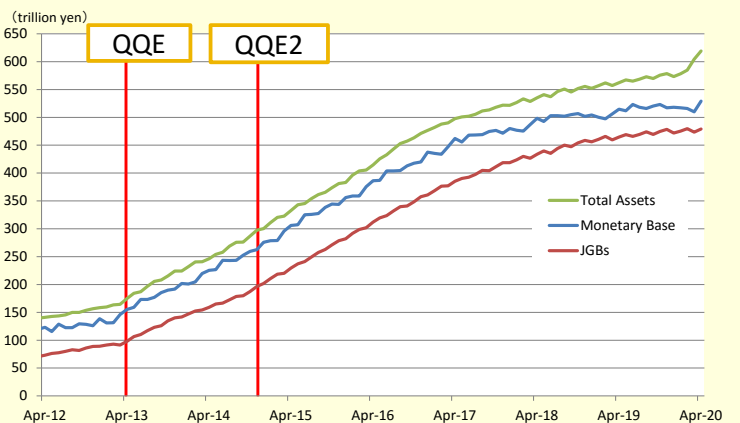


Trends in Bank Assets by Types



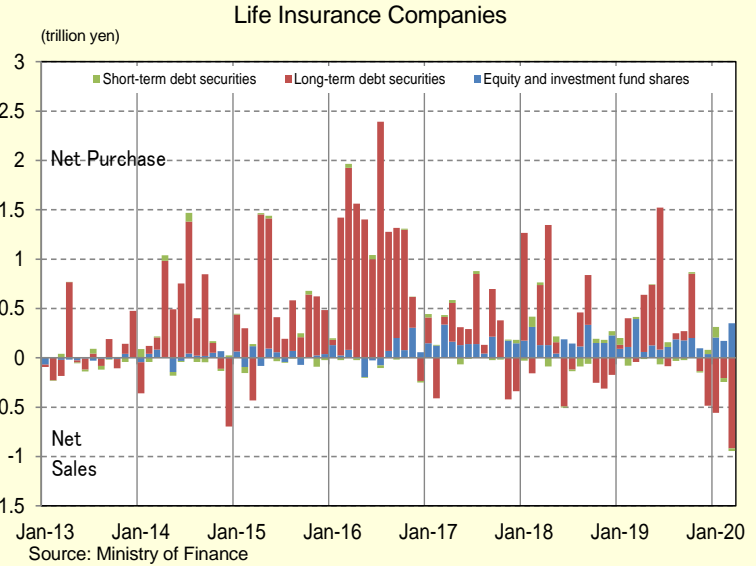
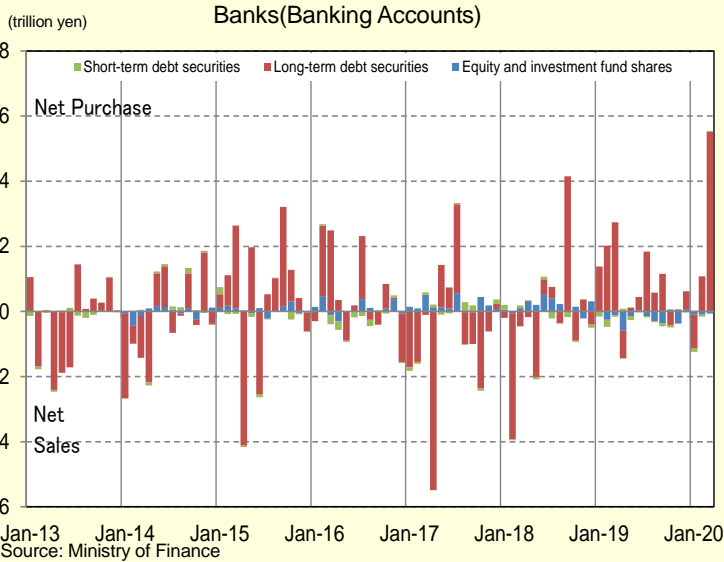
BOJ Trends

	Apr 2013 (Actual)	Apr 2020 (Actual)
Monetary Base	155	529
JGBs	98	479
CP	1.4	3.3
Corporate Bonds	2.9	3.4
ETFs	1.7	31.2
J-REITs	0.13	0.59
Total Assets	175	619

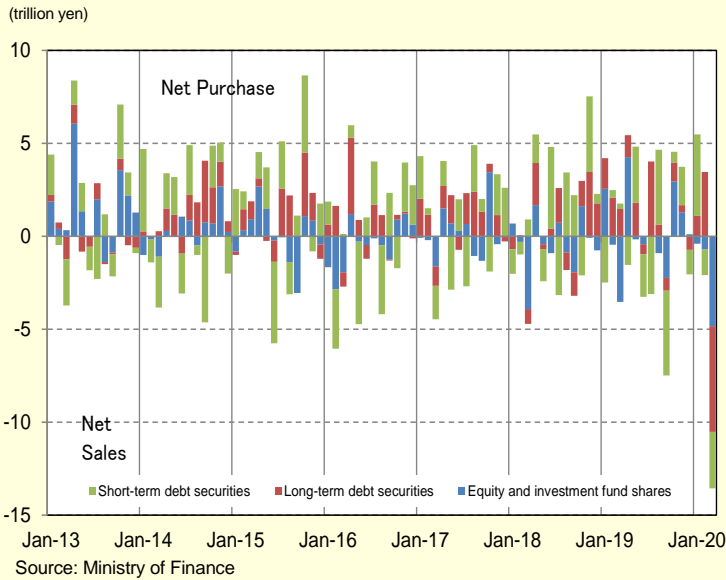


Source: Bank of Japan

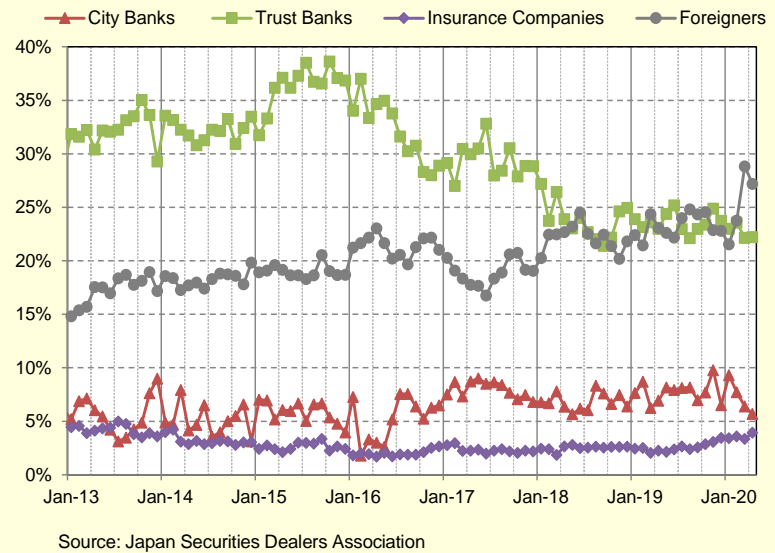
Transactions of Foreign Securities by Residents (by Investor types)



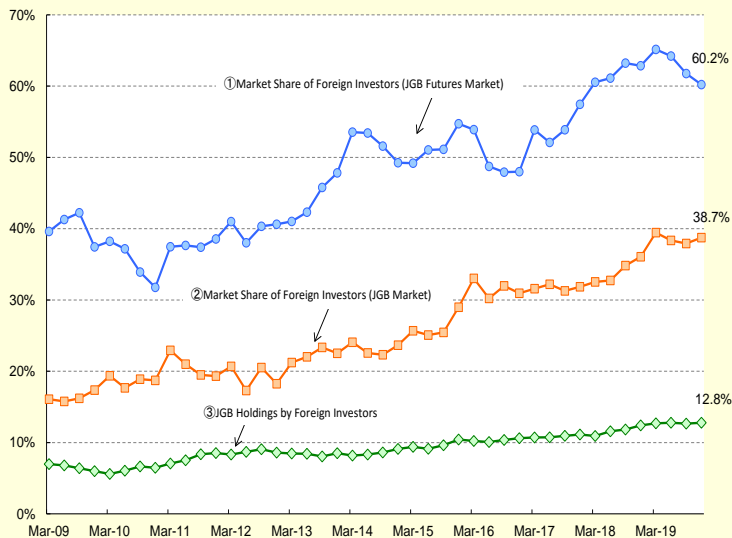
Transactions of Domestic Securities by Non-Residents



Outstanding of Repurchase Agreements (by Investor types)

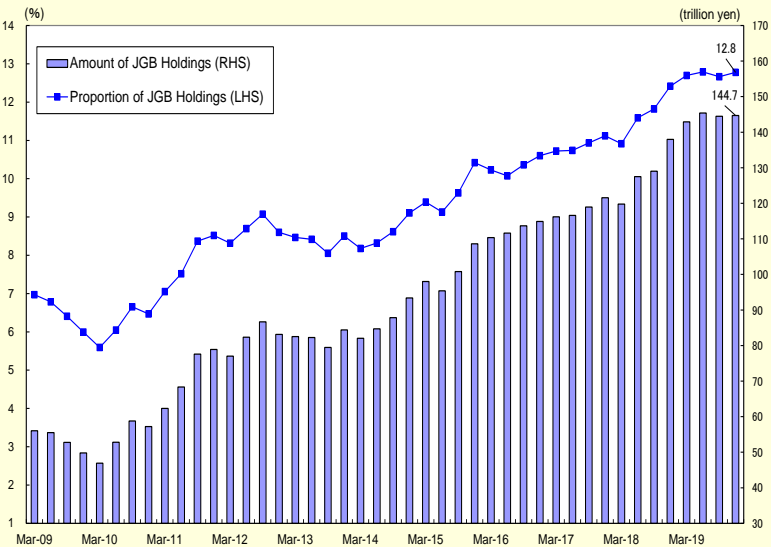


Foreign Investors Presence



Note.1: Quarterly basis.
 Note.2: "JGB" includes T-Bills. The figures of ② excludes dealers' transactions.
 Source: Bank of Japan, Japan Securities Dealers Association, Tokyo Stock Exchange, Osaka Exchange

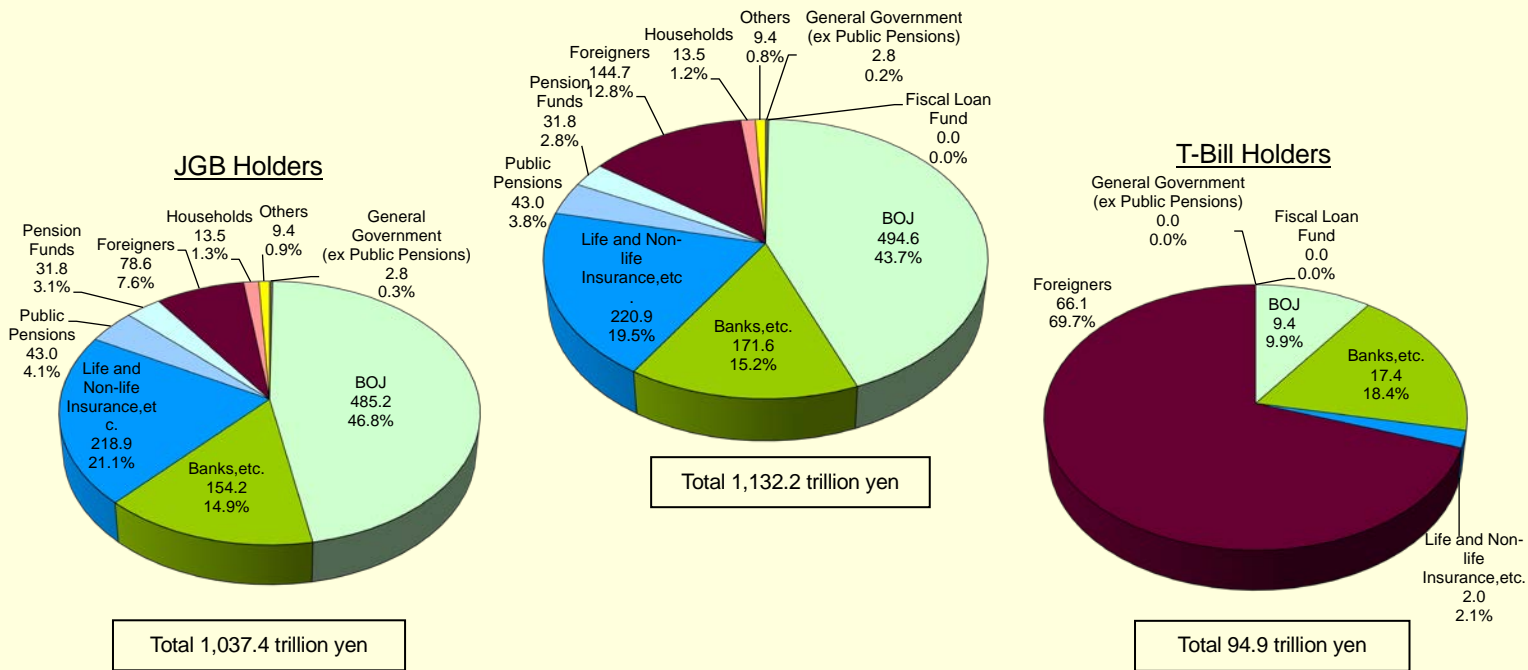
JGBs Holdings by Foreign Investors



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 Dec. 2019 QE)

JGB and T-Bill Holders (trillion yen)



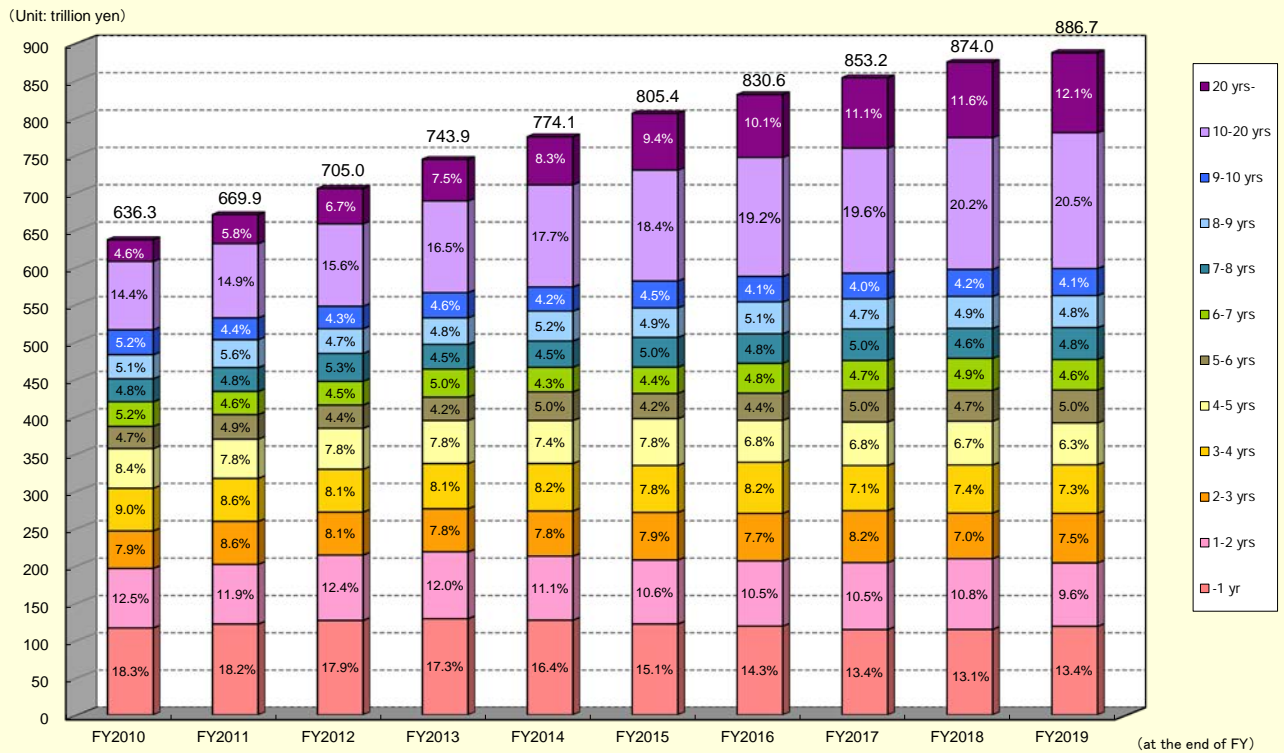
Source: Bank of Japan "Flow of Funds Accounts (Preliminary Figures)"

Note1: "JGB" includes "FILP Bonds."

Note2: "Banks, etc." includes "Japan Post Bank", "Securities investment trust" and "Securities companies."

Note3: "Life and Non-life insurance, etc." includes "Japan Post Insurance."

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

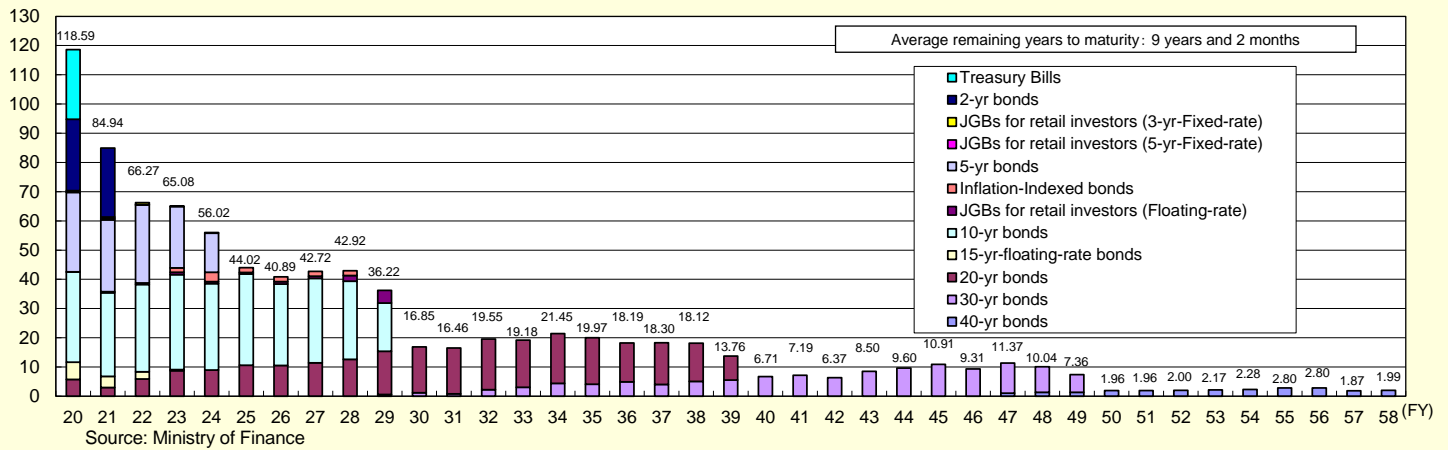


Average YTM	6Y8M	7Y0M	7Y3M	7Y7M	8Y0M	8Y5M	8Y7M	8Y10M	9Y0M	9Y2M
Average YTM* (excluding saving bonds)	6Y10M	7Y1M	7Y5M	7Y8M	8Y0M	8Y5M	8Y8M	8Y11M	9Y1M	9Y2M

*years to maturity

Time-to-Maturity Structure of Outstanding JGB (Mar. 2020)

(trillion yen)



Scheduled redemption of JGB at maturity in June, 2020

(billion yen)

Types	The amount of redemption at maturity	Scheduled redemption date
20-Year Bonds	1,094.5	June 22
10-Year Bonds	8,081.1	June 20
5-Year Bonds	8,322.7	June 20
2-Year Bonds	2,114.6	June 1
Treasury Bills	1,800.0	June 22
Total	21,412.9	

Note.1: The figures are based on the outstanding JGBs at the end of April, 2020

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

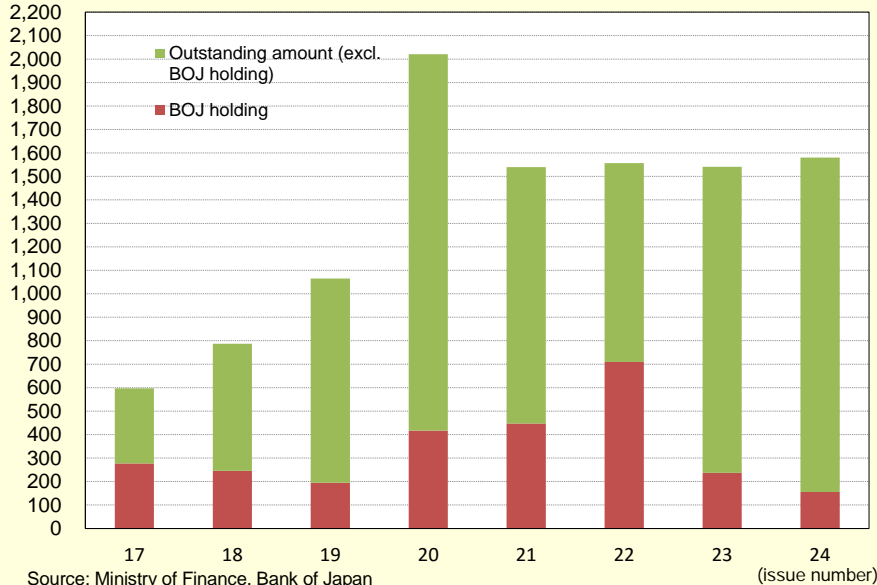
Note.3: The figures do not include "JGB for Retail Investors".

Note.4: If the redemption date coincides with bank holiday, the payment of redemption is carried out on the following business day.

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

Market-held Balance of the Inflation-Indexed Bonds (as of the end of April, 2020)

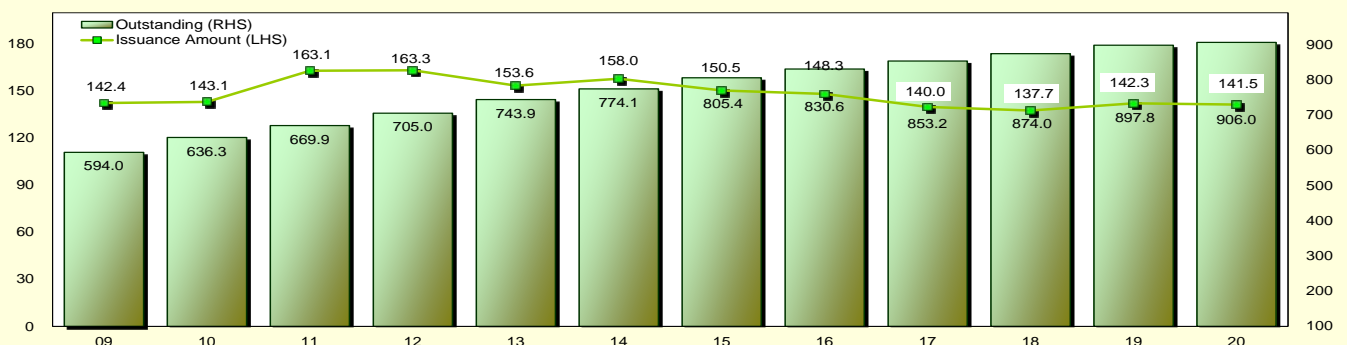
(billion yen)



General Bonds Issuance Amount and Outstanding

(trillion yen)

(trillion yen)



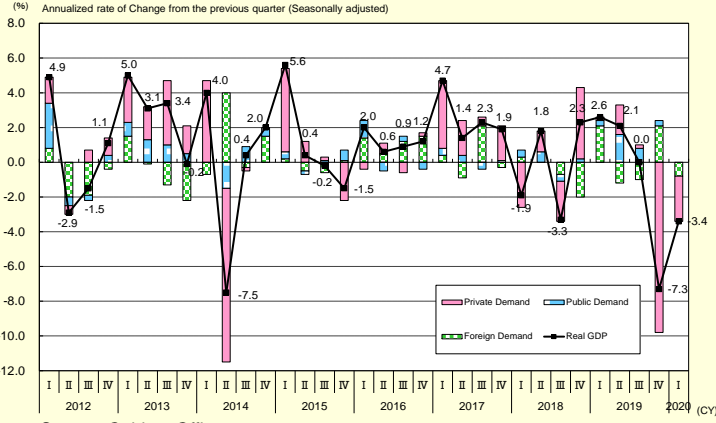
Note 1: Issuance Amount: revenue basis, FY2009-2018: Actual, FY2019: Supplementary budget, FY2020: Initial budget

Note 2: Outstanding: nominal basis, FY2009-2018: Actual, FY2019: Supplementary budget, FY2020: Initial budget

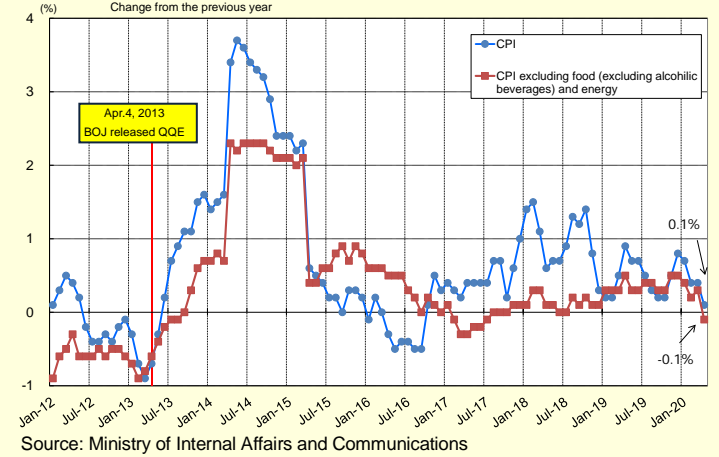
Source: Ministry of Finance

Economic and Financial Trends

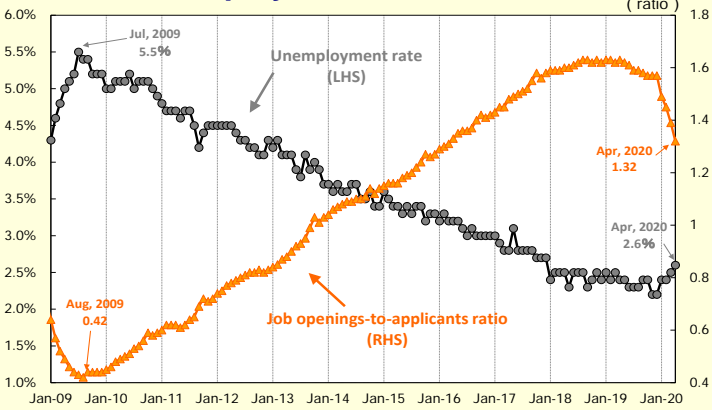
Real GDP Growth Rate



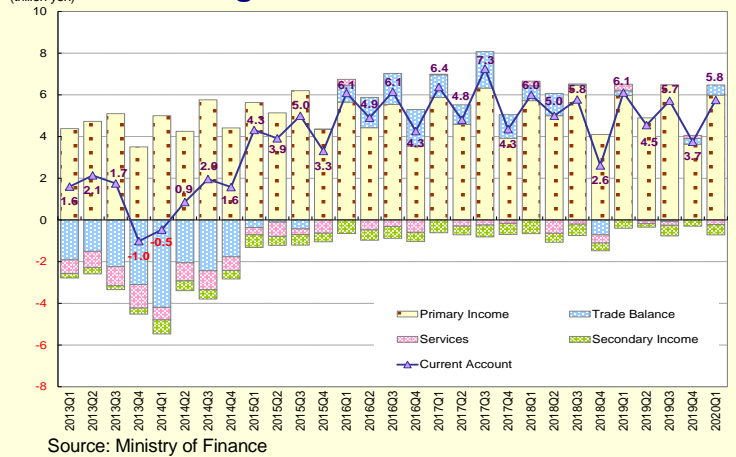
Prices



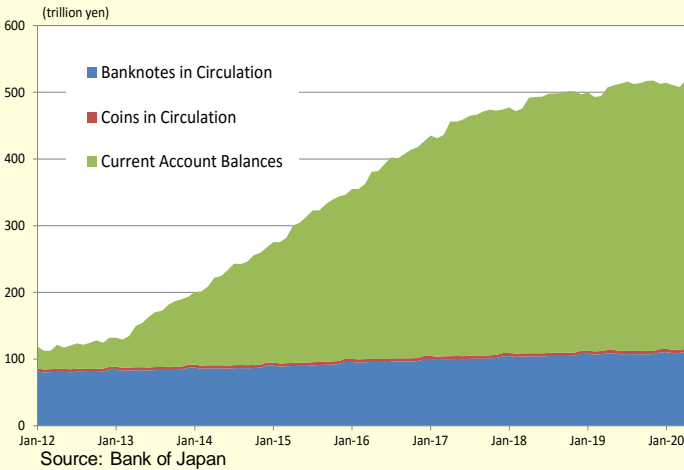
Employment Conditions



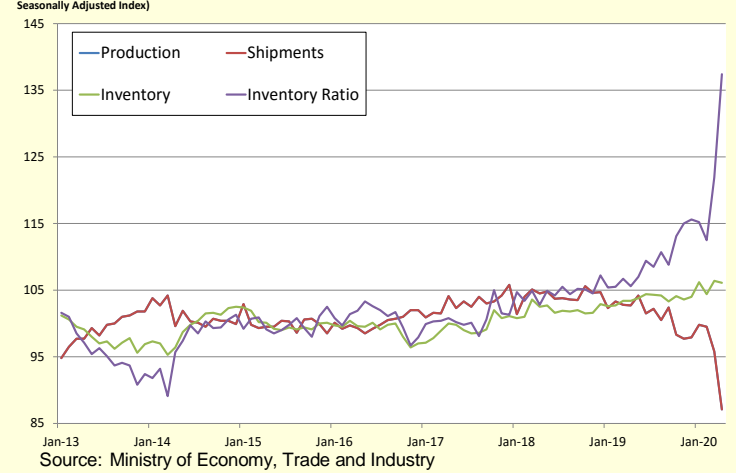
Changes in Current Account



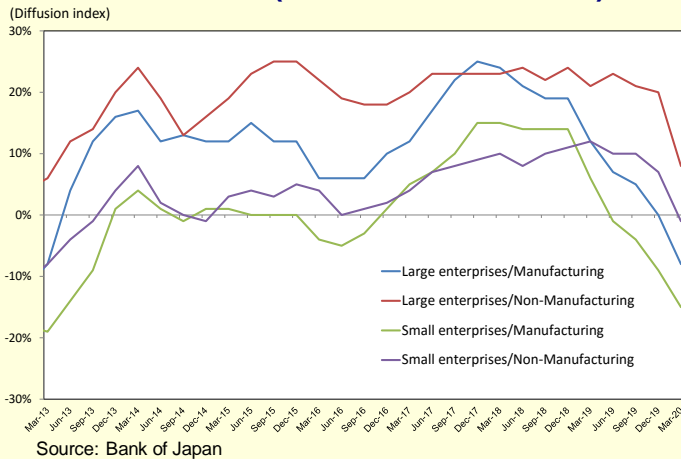
Monetary Base



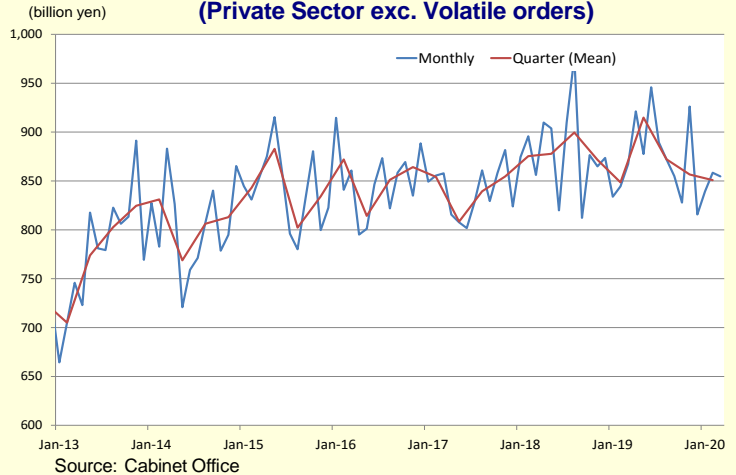
Indices of Industrial Production



TANKAN (Business Conditions)



Total Value of Machinery Orders (Private Sector exc. Volatile orders)



English Publications on JGBs	Frequency	URL
Debt Management		
Message from the Financial Bureau	As needed	https://www.mof.go.jp/english/jqbs/debt_management/message.htm
About JGBs	As needed	https://www.mof.go.jp/english/jqbs/debt_management/guide.htm
About the Debt Management Policy	As needed	https://www.mof.go.jp/english/jqbs/debt_management/about.htm
JGB Issuance Plan	As needed	https://www.mof.go.jp/english/jqbs/debt_management/plan/index.htm
Auction Calendar		
Auction Calendar	Monthly	https://www.mof.go.jp/english/jqbs/auction/calendar/index.htm
Historical Data of Auction Results	Monthly	https://www.mof.go.jp/english/jqbs/auction/past_auction_results/index.html
Topics		
Product Characteristics of the JGB	As needed	https://www.mof.go.jp/english/jqbs/topics/bond/index.html
Treasury Discount Bills (T-Bills)	As needed	https://www.mof.go.jp/english/jqbs/topics/t_bill/index.htm
Japanese Government Guaranteed Bonds	Annual	https://www.mof.go.jp/english/jqbs/topics/gov_quaranteed_bonds/index.htm
Interest Rate Swap	Semiannual	https://www.mof.go.jp/english/jqbs/topics/swap/index.htm
Taxation of Government Bonds	As needed	https://www.mof.go.jp/english/jqbs/topics/taxation2016/index.html
For Individual Investors	As needed	https://www.mof.go.jp/english/jqbs/topics/individual/index.htm
Data		
Central Government Debt	Quarterly	https://www.mof.go.jp/english/jqbs/reference/qbb/index.htm
Interest Rate	Daily	https://www.mof.go.jp/english/jqbs/reference/interest_rate/index.htm
STRIPS	Monthly	https://www.mof.go.jp/english/jqbs/reference/jqbstat/index.htm
Dialogue with the market		
Advisory Councils on Government Debt Management	Each Meeting	https://www.mof.go.jp/english/about_mof/councils/gov_debt_management/index.html
Meeting of JGB Market Special Participants	Each Meeting	https://www.mof.go.jp/english/about_mof/councils/jqbsp/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/jqbs/publication/debt_management_report/index.htm
JGB Newsletter	Monthly	https://www.mof.go.jp/english/jqbs/publication/newsletter/index.htm

To subscribe to our Newsletter mailing list,
please email: JGB-IR@mof.go.jp

Debt Management Policy Division, Financial Bureau, Ministry of Finance

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

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