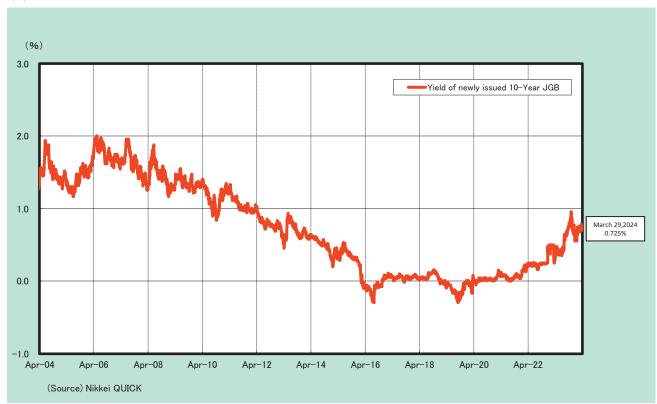
\mathbf{III}

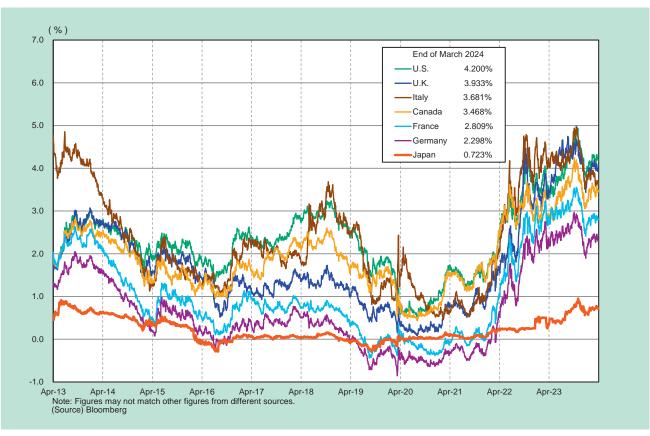
2

Secondary Market for Government Bonds

(1) 10-Year JGB Yield



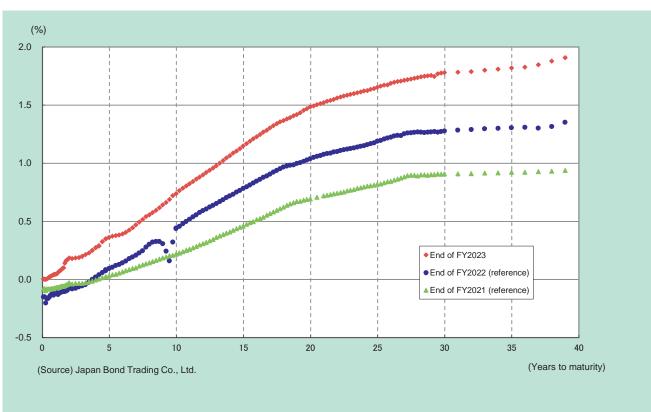
(2) 10-Year Government Bonds Yields



(3) Yields of JGBs in FY2023

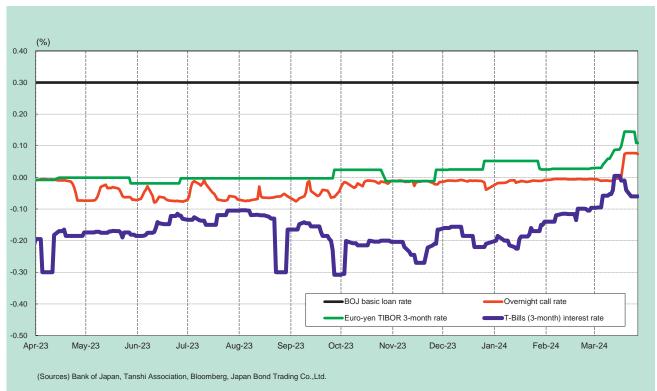


(4) JGB Yield Curves



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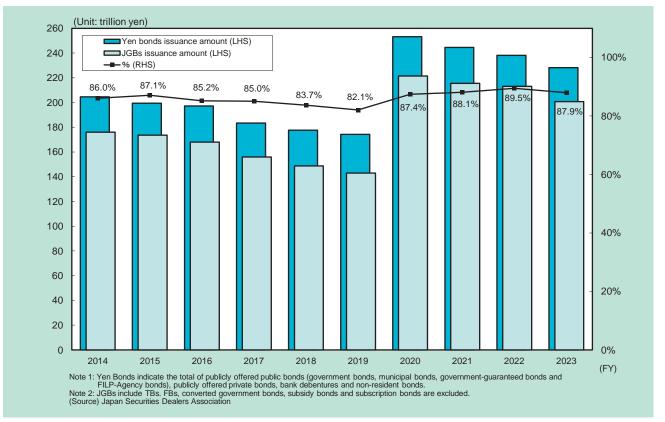
(5) Various Rates in the Short-term Financial Market in FY2023



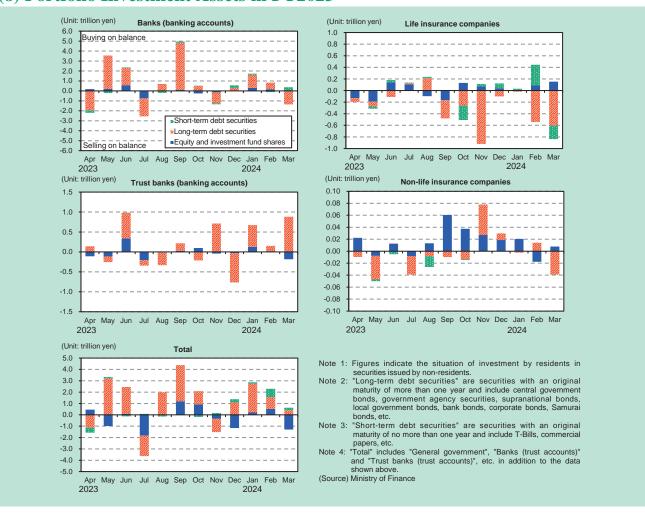
(6) Break-Even-Inflation (BEI) Rate



(7) JGB Share in Total Issuance Amount of Yen Bonds

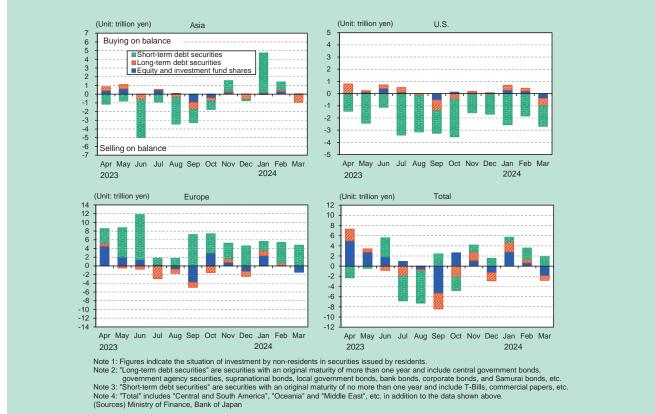


(8) Portfolio Investment Assets in FY2023



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(9) Portfolio Investment Liabilities in FY2023



(10) Trends in JGB Transactions (by investor type) in FY2023



(11) Trading Volume of Yen Bonds

						(Unit: trillion yen)	JGB Share in		
	Yen Bonds	JGBs	ICPo						
		JOD8	Super long-term Bonds	Long-term Bonds	Medium-term Bonds	Short-term Bonds	of Yen Bonds		
FY2014	3,440.1	3,386.7	413.5	698.4	999.9	1,274.9	98.4%		
FY2015	2,812.6	2,764.0	372.9	641.5	723.9	1,025.7	98.3%		
FY2016	2,365.5	2,322.8	389.1	471.5	696.2	766.0	98.2%		
FY2017	2,301.2	2,257.1	435.3	498.1	567.1	756.6	98.1%		
FY2018	2,285.4	2,242.0	459.3	525.1	495.9	761.7	98.1%		
FY2019	2,337.1	2,293.9	439.9	500.0	560.8	793.2	98.1%		
FY2020	2,650.4	2,605.6	429.1	441.7	454.9	1,279.9	98.3%		
FY2021	2,599.4	2,559.0	469.7	517.9	461.3	1,110.0	98.4%		
FY2022	2,931.3	2,898.1	504.1	689.3	527.3	1,177.5	98.9%		
FY2023	2,922.2	2,881.7	524.7	564.8	696.0	1,096.1	98.6%		

Note: Bond *Gensaki* transactions are excluded. (Source) Japan Securities Dealers Association

(12) Trading Volume of JGB Futures

(Unit: trillion yen)

	1							
	Trading Volume			Open Interest				
	Trading volume	10-Year JGB Futures	20-Year JGB Futures	(End of FY)	10-Year JGB Futures	20-Year JGB Futures		
FY2014	904.9	903.9	0.6	8.7	8.7	0.0		
FY2015	849.7	849.1	0.3	7.2	7.2	0.0		
FY2016	700.0	699.9	0.0	8.0	8.0	0.0		
FY2017	881.5	881.5	0.0	11.7	11.7	0.0		
FY2018	1,027.0	1,026.9	0.0	11.2	11.2	0.0		
FY2019	955.3	955.3	0.0	6.9	6.9	_		
FY2020	712.7	712.7	_	7.7	7.7	_		
FY2021	813.0	813.0	_	9.0	9.0	_		
FY2022	788.7	788.7	0.0	15.8	15.8	_		
FY2023	1,018.4	1,018.4	_	18.9	18.9	_		

Note: Trading in 20-year JGB Futures had been suspended due to little demand but was re-lauched based on JGB market conditions and discussions with investors in April 2014. (Source) Japan Exchange Group, Inc.

(13) Trading Volume of Bond Gensaki

(Unit: trillion yen)

		Trading Volume		Outstanding	(End of FY)
	Yen Bonds (excluding JGB baskets)	JGBs	JGB Baskets	Transactions other than Subsequent Collateral Allocation Repos (Standard Repos, etc.)	Subsequent Collateral Allocation Repos
FY2014	7,064.3	7,004.9	_	30.8	_
FY2015	7,582.8	7,486.9	-	30.5	_
FY2016	6,918.4	6,887.5	_	33.4	_
FY2017	7,622.2	7,579.0	-	40.2	_
FY2018	13,575.8	13,537.7	3,112.7	101.6	14.8
FY2019	17,259.1	17,222.5	6,450.2	133.6	22.7
FY2020	18,843.3	18,837.1	9,085.0	120.6	27.8
FY2021	22,791.3	22,777.5	10,326.1	155.9	22.6
FY2022	34,591.9	34,579.9	10,929.3	192.6	22.0
FY2023	43,768.4	43,758.6	9,919.3	240.9	25.8

Note 1: The Outstanding at the end of fiscal year is the total outstanding of securities companies and financial institutions for dealing. Note 2: JGB Baskets and Subsequent Collateral Allocation Repos are traded price base (otherwise nominal). (Source) Japan Securities Dealers Association

(14) Trading Volume of Bond-Lending

(Unit: trillion yen)

	Londing			Porrowingo				
	Lending	With Collateral	Without Collateral	Borrowings	With Collateral	Without Collateral		
FY2014	8,347.4	8,328.5	18.8	6,616.5	6,547.9	68.5		
FY2015	8,228.7	8,213.1	15.6	5,809.2	5,736.5	72.7		
FY2016	8,547.9	8,535.8	12.1	5,966.5	5,893.2	73.3		
FY2017	8,548.4	8,442.5	105.9	5,627.7	5,557.3	70.5		
FY2018	5,622.5	5,291.4	331.1	3,601.8	3,518.8	83.0		
FY2019	3,090.5	2,781.8	308.7	2,003.5	1,921.6	81.9		
FY2020	2,782.6	2,371.9	410.7	1,476.7	1,403.0	73.7		
FY2021	2,107.1	1,749.3	357.7	1,305.4	1,233.6	71.8		
FY2022	3,011.7	2,587.9	423.8	1,928.9	1,849.7	79.2		
FY2023	3,370.2	3,346.2	24.1	2,654.1	2,588.4	65.7		

Note: Trading volume is the total of contracts by all members of Japan Securities Dealers Association. (Source) Japan Securities Dealers Association

(15) Trading Volume of JGBs Option by OTC

(Unit: trillion yen)

	Total	Call O	ptions	Put O	ptions
		Buy	Sell	Buy	Sell
FY2014	102.3	41.5	18.2	19.9	22.6
FY2015	65.8	32.8	9.1	11.3	12.6
FY2016	68.9	26.8	11.8	15.0	15.3
FY2017	97.9	31.2	20.6	22.6	23.6
FY2018	119.6	35.3	28.9	29.9	25.5
FY2019	131.8	36.1	31.7	33.2	30.8
FY2020	81.0	25.1	18.2	18.8	18.8
FY2021	81.4	25.4	18.0	18.4	19.5
FY2022	155.2	42.0	36.7	37.2	39.4
FY2023	380.5	96.0	95.4	96.4	92.7

Note 1: Trading volume is the total transaction of securities companies and financial institutions for dealing. Note 2: Trading volume is on nominal basis. (Source) Japan Securities Dealers Association

(16) Trading Volume of JGB Futures Options

(Unit: trillion yen)

	Trading Values			Open Interest				
	Trading Volume	Call	Put	(End of FY)	Call	Put		
FY2014	118.7	33.1	85.5	4.5	0.6	3.8		
FY2015	102.5	31.3	71.2	0.9	0.2	0.7		
FY2016	92.5	28.0	64.5	1.4	0.2	1.2		
FY2017	86.2	30.2	56.1	1.6	0.5	1.1		
FY2018	70.9	25.7	45.2	0.9	0.3	0.6		
FY2019	64.4	31.1	33.4	0.0	0.0	0.0		
FY2020	24.6	11.7	12.9	0.1	0.0	0.1		
FY2021	16.0	7.5	8.5	0.1	0.1	0.0		
FY2022	7.6	3.1	4.4	0.1	0.0	0.1		
FY2023	8.5	2.7	5.8	0.1	0.0	0.1		

(Source) Japan Exchange Group, Inc.

(17) Outstanding Amount of STRIPS-Principal-Only Book-entry Transfer JGBs

(Unit: billion yen)

)-Year londs)-Year Bonds		D-Year Bonds)-Year Sonds		Japan Climate sition Bonds	5-Ye	ar Bonds		Japan Climate sition Bonds	2-Ye	ar Bonds	-	Total
FY2014	39.6	(10,445.5)	143.3	(64,211.4)	24.5	(157,000.2)	138.5	(298,055.7)	-	(-)	16.6	(158,260.0)	_	(-)	-	(69,152.9)	362.6	(757,125.7)
FY2015	49.6	(13,133.4)	146.4	(76,987.9)	23.9	(174,841.3)	119.3	(301,008.5)	-	(-)	12.1	(160,806.5)	-	(-)	_	(63,932.8)	351.3	(790,710.4)
FY2016	49.6	(16,597.6)	146.4	(88,628.2)	20.7	(192,056.6)	94.4	(302,813.6)	-	(-)	6.5	(160,409.4)	_	(-)	_	(60,419.9)	317.5	(820,925.1)
FY2017	49.6	(20,283.7)	146.4	(100,696.1)	20.6	(208,335.0)	66.4	(308,203.8)	-	(-)	3.6	(156,681.3)	-	(-)	-	(57,975.4)	286.7	(852,175.2)
FY2018	49.6	(23,191.4)	146.4	(111,350.1)	20.6	(226,008.7)	46.1	(314,323.3)	-	(-)	1.2	(147,403.4)	_	(-)	_	(55,436.4)	263.9	(877,713.3)
FY2019	49.7	(26,504.6)	146.4	(121,641.1)	20.6	(243,077.3)	23.0	(313,956.3)	-	(-)	0.4	(138,030.0)	-	(-)	-	(52,360.6)	240.0	(895,569.8)
FY2020	49.7	(30,453.0)	146.4	(133,637.9)	20.6	(261,715.0)	13.9	(316,538.4)	-	(-)	-	(135,198.7)	-	(-)	_	(60,130.9)	230.6	(937,673.9)
FY2021	49.9	(35,098.5)	146.4	(146,955.0)	20.6	(281,354.0)	6.0	(320,319.2)	-	(-)	-	(136,099.3)	-	(-)	_	(71,542.0)	222.8	(991,368.0)
FY2022	50.2	(40,240.8)	146.4	(160,036.2)	20.4	(296,896.8)	3.5	(323,874.0)	_	(-)	_	(138,002.0)	_	(-)	_	(73,629.5)	220.4	(1,032,679.4)
FY2023	50.3	(45,406.6)	146.4	(173,148.9)	20.2	(305,062.0)	1.9	(325,247.3)	_	(799.5)	_	(144,683.3)	-	(799.8)	_	(72,241.6)	218.8	(1,067,389.1)

<key> Outstanding Amount of Principal-Only Book-entry Transfer JGBs at the end of each period (Outstanding amount of JGBs qualified for STRIPS) Note: Figures may not sum up to the total because of rounding.

(18) Japan's Sovereign Rating by Major Credit Rating Agencies

(Long-term debt denominated in home currency on May 22, 2024)

Moody's	S&P	Fitch	R&I	JCR
Nov. 17, 98 Aaa	Feb. 22, 01 AAA	Jun. 29, 00 AAA	Dec. 21, 11 AAA	Oct. 31, 00 AAA
Sep. 8, 00 Aa1	Nov. 27, 01 AA+	Nov. 26, 01 AA+	AA+	AA+
≥ Aa2 \ ■	Apr. 15, 02 AA Apr. 27, 01 Jan. 27, 11	∣ ≽ AA	AA	AA
Aa3	AA-	May 22, 12 AA—	AA-	AA-
May 31, 02 A1	A+ Sep. 16, 15	`	A+	A+
A2 Oct. 11, 07	Α	Apr. 27, 15 A	A	Α
A3	A-	A-	A-	A-
Baa1	BBB+	BBB+	BBB+	BBB+
Baa2	BBB	BBB	BBB	BBB
Baa3	BBB-	BBB-	BBB-	BBB-

[Outlook]

Stable (Dec. 1, 2014)	Stable (Jun. 9, 2020)	Stable (Mar. 25, 2022)	Stable (Aug. 30, 2018)	Stable (Aug. 9, 2018)
Stable (Dec. 1, 2014)	Stable (Juli. 9, 2020)	Stable (Mai. 25, 2022)	Stable (Aug. 30, 2016)	Stable (Aug. 9, 2018)

(19) List of Sovereign Ratings by Major Credit Rating Agencies

(Long-term debt denominated in home currency on May 22, 2024)

	(Long-term debt denominated in home currency on May 22, 20									
	Moody's	S&P	Fitch	R&I	JCR					
Aaa/AAA	U.S. (↓) Germany Canada	Germany Canada	Germany	U.S. U.K. Germany France	Japan U.S. U.K. Germany France Canada					
Aa1/AA+		U.S.	U.S. Canada	Japan	Korea					
Aa2/AA	France Korea	U.K. France(↓) Korea Ireland			Spain China					
Aa3/AA-	U.K. Ireland		Korea Ireland (↑) U.K. France	China Korea Ireland (↑)						
A1/A+	Japan China(↓)	Japan China	China (↓)							
A2/A		Spain	Japan	Spain	Italy Portugal					
A3/A-	Portugal	Portugal (↑)	Spain Portugal							
Baa1/BBB+	Spain (↑)			Italy Portugal						
Baa2/BBB		Italy	Italy							
Baa3/BBB-	Italy	Greece (↑)	Greece	Greece						
Ba1/BB+	Greece									
Ba2/BB										
Ba3/BB-										
B1/B+										
B2/B										
B3/B-										
Caa1/CCC+										
Caa2/CCC										
Caa3/CCC-										
Ca/CC										
С										
SD/RD										

[&]quot; (\uparrow) "shows that the outlook is positive. " (\downarrow) "shows that the outlook is negative.