

FTSE Japanese Broad Investment-Grade Bond Index (JPBIG)

Multi-Sector | Japanese Yen

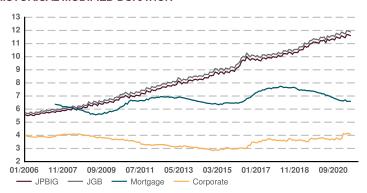
The FTSE Japanese Broad Investment-Grade Bond Index (JPBIG) is designed to measure the performance of Japanese Yen-denominated investment-grade bonds issued in the Japanese bond market. It includes fixed-rate securities issued in Japan that are accessible to both international and Japanese institutional investors. The JPBIG includes Japanese government bonds (JGB), government-related securities, mortgages and corporate debt. The index covers a broad array of asset classes and sub-indexes are available in any combination of asset class, maturity, and rating.

INDEX PROFILE

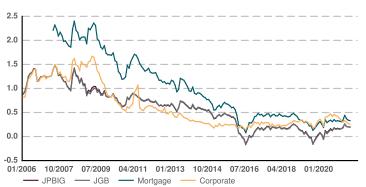
Description	# of Issues	Par Amount*	Market Value*	Market Weight (%)	Average Coupon (%)	Average Life (Years)	Yield to Maturity (%)	Effective Duration	OAS (bps)
JPBIG	533	460,224.63	502,090.70	100.00	1.02	12.58	0.20	11.85	1
AAA	108	12,453.60	12,651.09	2.52	0.59	6.73	0.32	7.42	10
AA	6	499.10	499.55	0.10	0.32	2.53	0.33	2.52	46
A	402	445,952.63	487,584.79	97.11	1.04	12.78	0.19	12.00	1
BBB	17	1,319.30	1,355.28	0.27	1.10	3.41	0.56	3.35	67
1-3 Years	110	77,311.88	78,439.88	15.62	0.58	1.79	-0.11	1.78	2
3-5 Years	82	46,169.44	47,650.83	9.49	0.65	4.00	-0.10	3.96	2
5-7 Years	110	35,344.89	37,720.34	7.51	1.10	6.03	0.02	5.97	4
7-10 Years	87	71,667.01	77,580.82	15.45	0.98	8.61	0.05	8.38	0
10+ Years	144	229,731.41	260,698.84	51.92	1.25	20.18	0.41	18.21	0
Government	329	440,227.63	481,848.40	95.97	1.05	12.89	0.19	12.09	0
JGB	259	436,021.13	477,159.51	95.03	1.04	12.93	0.19	12.13	0
Foreign Sovereign	8	468.60	486.74	0.10	1.15	4.02	0.56	3.87	63
Government Related	62	3,737.90	4,202.15	0.84	1.29	9.43	0.25	9.11	15
Collateralized	106	12,278.60	12,455.64	2.48	0.57	6.75	0.33	7.46	10
Corporate	98	7,718.40	7,786.66	1.55	0.44	4.16	0.26	4.11	36
Finance	43	3,970.40	4,004.32	0.80	0.57	3.84	0.38	3.79	48
Industrial	46	3,228.00	3,240.00	0.65	0.19	4.26	0.11	4.23	20
Utility	9	520.00	542.34	0.11	1.01	5.93	0.36	5.75	41

^{*} In JPY billions

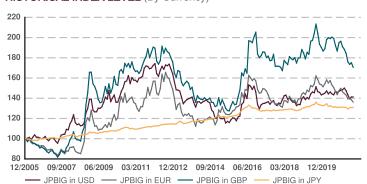
HISTORICAL MODIFIED DURATION



HISTORICAL YIELD TO MATURITY



HISTORICAL INDEX LEVEL (By Currency)



HISTORICAL INDEX LEVEL (By Asset Class, in JPY)



Return*

1.76

1.81

2.04

0.72

Standard Deviation*

2.07

2.15

1.81

1.10

	Return*	Standard Deviation*
JPBIG in USD	2.26	10.10
JPBIG in EUR	2.03	13.07
JPBIG in GBP	3.52	14.57
JPBIG in JPY	1.76	2.08

Mortgage Corporate

JPBIG

JGB

ANNUALIZED RETURNS (in %)

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	USD		EUR		GBP		JPY	
	Unhedged	Hedged	Unhedged	Hedged	Unhedged	Hedged	Unhedged	Hedged
YTD*	-5.87	-0.11	-5.80	-0.43	-9.48	-0.16	-0.26	-0.26
1 Year	-2.15	-0.19	-10.98	-1.01	-14.90	-0.40	-0.65	-0.65
3 Years	0.20	2.33	-1.34	0.25	-1.98	1.23	0.43	0.43
5 Years	0.21	1.79	-1.65	-0.22	0.69	0.74	-0.06	-0.06

^{*} Not annualized

^{*}Annualized Since Inception (in %)

^{*}in JPY, Annualized Since Inception (in %)

DESIGN CRITERIA AND CALCULATION METHODOLOGY

Coupon:	Fixed-rate, fixed-to-floating rate and zero-coupon				
Currency:	JPY				
Minimum maturity:	At least one year Fixed-to-floating bonds are removed one year prior to the fixed-to-floating rate start date				
Minimum issue size:	JGB: JPY 500 billion; 20+ year bonds: JPY 450 billion (excludes Bank of Japan holdings and Ministry of Finance buybacks) Corporate, supranational, agency, regional government and collateralized: JPY 50 billion				
Minimum credit quality:	BBB- by S&P or Baa3 by Moody's				
Composition:	Securities included: Samurai bonds, FILP bonds, Pro-bonds, and only JHF Monthly MBS issued by Japan Housing Finance Agency (JHFA).				
	Securities excluded: private placement, convertible, inflation-indexed securities, floating rate securities, fixed-rate perpetual bonds, GHLC MBS, JHF S-Series & T-Series MBS, and JGB for retail investors.				
Weighting:	Market capitalization				
Rebalancing:	Once a month on the last business day of the month				
Reinvestment of cash flow:	At daily average of the local currency one-month Eurodeposit rate, calculated from actual scheduled payment date of the cash flow through the end of the reporting period.				
Pricing:	JGB: Refinitiv bid-side 3:00 p.m. (Tokyo) JHFA MBS: JSDA reference price (average price) Others: Refinitiv bid-side 6:00 p.m. (Tokyo)				
Calculation Frequency:	Daily				
Settlement Date:	Monthly – Settlement is on the last calendar day of the month. Daily – Same day settlement except if the last business day of the month is not the last calendar day of the month; then, settlement is on the last calendar day of the month.				

VENDOR CODES

SBJBIG FTSE Japanese Broad Investment-Grade Bond Index, in JPY terms

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