



FTSE World Broad Investment-Grade Bond Index (WorldBIG®)

Multi-Sector | Multi-Currency

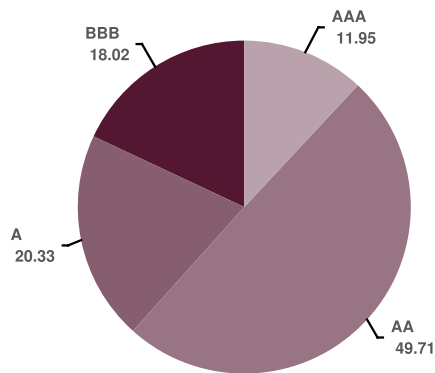
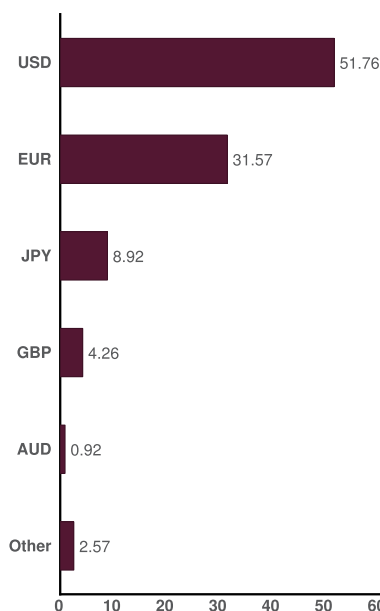
The FTSE World Broad Investment-Grade Bond Index (WorldBIG) is a multi-asset, multi-currency benchmark, which provides a broad-based measure of the global fixed income markets. The inclusion of government, government-sponsored/supranational, collateralized, and corporate debt makes the WorldBIG a comprehensive representation of the global, investment-grade universe. The index covers a broad array of asset classes and sub-indexes are available in any combination of currency, 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)
WorldBIG	13,912	44,275.11	48,217.21	100.00	2.13	8.75	0.91	7.53	29
Non-MBS WorldBIG	13,589	37,774.95	41,405.10	85.87	2.01	9.39	0.79	8.22	32
1-3 Years	3,101	9,260.77	9,583.74	19.88	1.61	1.98	0.10	1.93	16
3-5 Years	2,913	7,365.85	7,777.93	16.13	1.74	4.05	0.45	3.89	27
5-7 Years	2,117	5,198.00	5,563.32	11.54	1.80	6.03	0.70	5.72	35
7-10 Years	2,236	5,678.05	6,169.55	12.80	1.96	8.59	0.93	7.98	40
10+ Years	3,222	10,272.28	12,310.56	25.53	2.69	22.03	1.52	17.09	44
WorldBIG 1-10 Yrs incl. MBS	10,690	34,002.83	35,906.66	74.47	1.96	4.73	0.70	4.25	23
Domestic Sovereign	1,092	23,498.35	25,862.18	53.64	1.74	9.70	0.55	8.81	9
Foreign Sov./Sov. Gtd.	713	1,413.86	1,537.14	3.19	2.39	9.21	1.10	7.20	67
Govt. Spon./Regional Govt.	1,435	2,657.69	2,814.49	5.84	1.45	7.83	0.48	7.11	34
Collateralized	1,265	7,451.72	7,813.11	16.20	2.57	5.06	1.38	3.59	9
Corporate	9,407	9,253.48	10,190.29	21.13	2.90	9.48	1.54	7.45	86

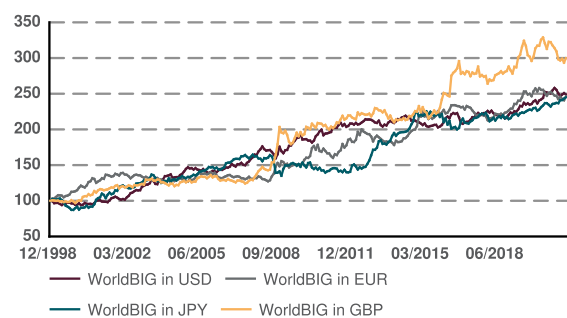
* In USD billions

CURRENCY AND QUALITY COMPOSITION (Market Weight %)



Index Quality: Index quality is defined to be the rating assigned by Standard and Poor's Financial Services LLC ("S&P") when it exists. If a bond is not rated by S&P but it is rated by Moody's Investor Service, Inc ("Moody's"), the S&P equivalent of the Moody's rating is assigned. If a bond is split-rated, that is rated investment grade by S&P or Moody's and high yield by the other, index quality is taken to be S&P equivalent of the investment grade rating.

HISTORICAL INDEX LEVEL



	Return*	Standard Deviation*
WorldBIG in USD	4.14	5.42
WorldBIG in EUR	4.09	6.51
WorldBIG in JPY	4.06	7.43
WorldBIG in GBP	5.00	8.13

* Annualized Since Base Date (in %)

ANNUALIZED RETURNS (in %)

	USD		EUR		JPY		GBP	
	Unhedged	Hedged	Unhedged	Hedged	Unhedged	Hedged	Unhedged	Hedged
YTD*	-3.51	-1.75	-0.44	-2.15	3.73	-1.99	-4.52	-1.79
1 Year	1.95	0.02	-3.44	-0.88	4.89	-0.51	-8.81	-0.23
5 Years	2.40	3.03	1.07	0.96	4.03	1.14	1.73	1.94
10 Years	2.09	3.93	4.16	2.80	5.38	2.72	3.63	3.53

* Not annualized

DESIGN CRITERIA AND CALCULATION METHODOLOGY

Coupon:	Fixed-rate, including zero-coupon and fixed-to-float bonds
Currency:	AUD, CAD, DKK, EUR, GBP, ILS, JPY, MXN, MYR, NOK, PLN, SEK, SGD, USD
Minimum Maturity:	At least one year Fixed-to-floating rate bonds are removed one year prior to the fixed-to-floating rate start date.
Minimum Issue Size:	Varies by market
Minimum Quality:	BBB- by S&P or Baa3 by Moody's
Weighting:	Market capitalization
Rebalancing:	Once a month at month end
Cash Reinvestment Rate:	At daily average of the local currency one-month Eurodeposit rate, calculated from the actual scheduled payment date of the cash flow through the end of the reporting period.
Pricing**:	Pricing for the WGBI portion of the index: Refinitiv pricing except for: <ul style="list-style-type: none"> • Israel (provided by Tel Aviv Stock Exchange) • Mexico (provided by Proveedor Integral de Precios S.A. de C.V.) • Poland (provided by BondSpot) • Singapore (provided by the Monetary Authority of Singapore) For the non-WGBI portion of the index: Refinitiv
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.
Base Date:	December 31, 1998

** Price Adjustments for Mortgages: Carry-adjusted to reflect the difference between index settlement dates and standard PSA settlement dates.

VENDOR CODES

- Bloomberg SBI <GO>; SBBI <GO>
 - WorldBIG in USD – SBWAU <INDEX>
 - WorldBIG in EUR – SBWEU <INDEX>
 - WorldBIG in JPY – SBWPU <INDEX>
 - WorldBIG in GBP – SBWKU <INDEX>
- Reuters
 - WorldBIG in USD – .SBWAU
 - WorldBIG in EUR – .SBWEU
 - WorldBIG in JPY – .SBWPU
 - WorldBIG in GBP – .SBWKU

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