



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

Multi-Sector | Multi-Currency

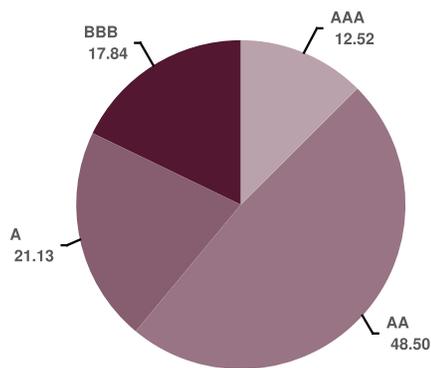
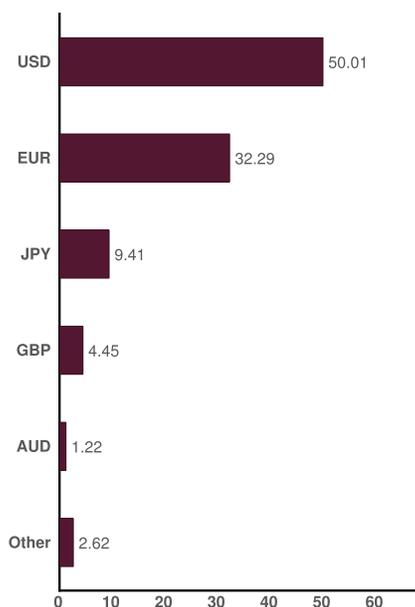
The FTSE World Broad Investment-Grade Bond Index (WorldBIG) is a multi-asset, multi-currency benchmark, which provides a broad-based measure of the global fixed income markets. The inclusion of government, government-sponsored/supranational, collateralized, and corporate debt makes the WorldBIG a comprehensive 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	13,615	42,679.44	48,180.60	100.00	2.29	8.36	0.53	7.38	32
Non-MBS WorldBIG	13,291	36,594.94	41,670.77	86.49	2.16	9.26	0.52	8.35	37
1-3 Years	3,027	8,938.91	9,293.71	19.29	1.77	1.95	0.02	1.91	18
3-5 Years	2,865	7,224.40	7,757.44	16.10	1.90	3.99	0.17	3.83	31
5-7 Years	2,127	5,084.94	5,585.97	11.59	1.94	5.98	0.36	5.63	40
7-10 Years	2,171	5,496.28	6,231.76	12.93	2.12	8.55	0.55	7.88	44
10+ Years	3,101	9,850.40	12,801.88	26.57	2.84	21.85	1.15	17.19	49
WorldBIG 1-10 Yrs incl. MBS	10,514	32,829.03	35,378.72	73.43	2.13	4.31	0.31	3.83	26
Domestic Sovereign	1,062	22,539.20	25,909.12	53.78	1.90	9.65	0.25	9.05	10
Foreign Sov./Sov. Gtd.	693	1,383.13	1,555.24	3.23	2.53	8.81	0.83	7.16	73
Govt. Spon./Regional Govt.	1,375	2,545.75	2,790.12	5.79	1.61	7.43	0.23	6.99	38
Collateralized	1,297	7,117.29	7,617.24	15.81	2.82	3.25	0.48	1.74	5
Corporate	9,188	9,094.07	10,308.88	21.40	3.01	9.35	1.31	7.50	99

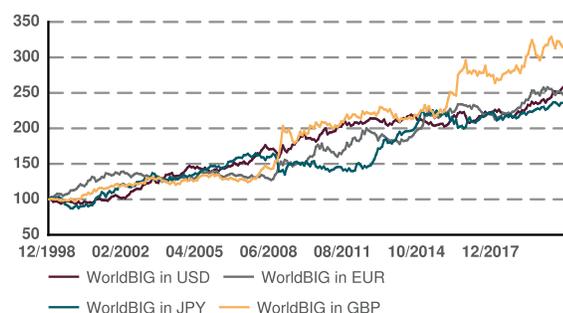
* In USD billions

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	4.40	5.42
WorldBIG in EUR	4.21	6.53
WorldBIG in JPY	3.98	7.50
WorldBIG in GBP	5.34	8.14

* Annualized Since Base Date (in %)

ANNUALIZED RETURNS (in %)

	USD		EUR		JPY		GBP	
	Unhedged	Hedged	Unhedged	Hedged	Unhedged	Hedged	Unhedged	Hedged
YTD*	9.47	6.25	0.43	4.91	4.00	5.17	6.09	5.64
1 Year	9.47	6.25	0.43	4.91	4.00	5.17	6.09	5.64
5 Years	4.81	4.60	2.34	2.48	1.65	2.60	6.40	3.54
10 Years	2.89	4.26	3.84	3.20	5.40	3.06	4.30	3.88

* 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
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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