



Russell 3000[®] Fixed Income Index – Credit | US dollar

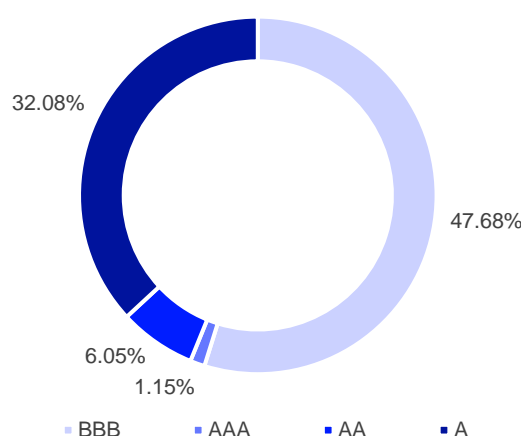
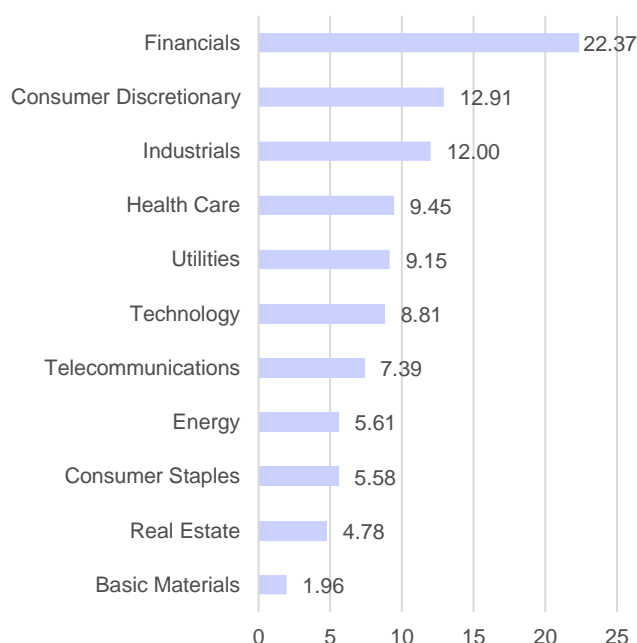
The Russell 3000[®] Fixed Income Index is a multi-sector benchmark tracking investment-grade and high-yield USD corporate bonds issued by the U.S. public companies that are also members of the Russell 3000 Index and their U.S. subsidiaries. The Russell 3000 Fixed Income Index derives its issuers from the members of the Russell 3000 Index and is aligned to Russell 3000 through annual reconstitution and quarterly reviews. The index is also rebalanced monthly. Sub-indices are available in any combinations of investment-grade, high-yield, maturity, rating, and industry classification, tracked under both GLIC/COBS and ICB frameworks. Sub-indices based on issuer universe and membership in Russell 1000[®] and Russell 2000[®] indices are also available.

Index Profile

Description	# of issues	Par amount*	Market value*	Market weight (%)	Average coupon (%)	Average life (years)	Yield to maturity (%)	Effective duration	OAS (bps)
Russell 3000 Fixed Income Index	7,168	6,126.91	5,688.82	100.00	3.98	10.95	5.32	7.07	155
Russell 1000 Fixed Income Index	6,546	5,798.89	5,397.53	94.88	3.89	11.24	5.16	7.23	140
Russell 2000 Fixed Income Index	622	328.02	291.29	5.12	5.55	5.69	8.27	4.15	445
Investment-grade	6,047	5,310.48	4,947.37	86.97	3.75	11.75	4.96	7.50	120
High-yield	1,121	816.42	741.45	13.03	5.50	5.71	7.73	4.20	392
1-3 years	1,233	1,066.23	1,045.60	18.38	3.62	2.01	5.21	1.82	91
3-5 years	1,242	1,123.57	1,072.39	18.85	3.85	3.97	5.40	3.47	163
5-7 years	1,055	830.34	771.17	13.56	4.20	5.93	5.81	4.96	218
7-10 years	1,215	1,097.12	985.10	17.32	3.55	8.23	5.26	6.79	177
10+ years	2,423	2,009.64	1,814.57	31.90	4.39	23.14	5.16	13.27	150
Industrial	4,171	3,561.75	3,304.74	58.09	4.13	11.19	5.45	7.13	169
Utility	1,284	837.90	762.13	13.40	3.91	14.73	5.18	8.98	148
Finance	1,713	1,727.26	1,621.95	28.51	3.71	8.62	5.11	6.04	132

* In USD billions

Industry Classification Benchmark (ICB) and Quality Composition (Market Weight %)

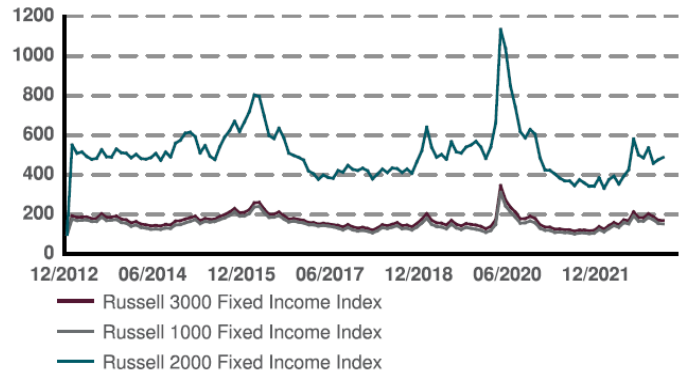


Index Quality: Index quality is defined to be the rating assigned by Standard and Poor's Financial Services LLC ("S&P") when it exists. If a bond is not rated by S&P but it is rated by Moody's Investor Service, Inc ("Moody's"), the S&P equivalent of the Moody's rating is assigned. If a bond is split-rated,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



Option Adjusted Spread



Top 10 Issuers (By Market Weight)

Description	# of issues	Par amount*	Market value*	Market weight (%)	Average coupon (%)	Average life (years)	Yield to maturity (%)	Effective duration	OAS (bps)
BANK OF AMERICA CORP	74	185.43	172.21	3.03	3.43	8.07	5.02	5.84	122
JPMORGAN CHASE & CO	77	167.63	157.56	2.77	3.46	7.94	4.95	5.75	113
MORGAN STANLEY	54	122.58	115.95	2.04	3.55	6.99	5.00	5.30	119
CITIGROUP INC	59	108.57	104.65	1.84	3.85	7.31	5.06	5.45	128
GOLDMAN SACHS GROUP INC	45	109.80	104.08	1.83	3.60	7.37	5.02	5.56	121
WELLS FARGO & CO	44	101.00	97.01	1.71	3.85	9.82	4.98	6.64	119
APPLE INC	48	87.75	78.76	1.38	2.83	13.75	4.36	8.54	55
AT&T INC	51	90.38	78.23	1.38	3.74	19.56	5.22	10.65	155
VERIZON COMMUNICATIONS INC	46	84.60	74.54	1.31	3.41	15.51	4.86	9.39	121
COMCAST CORP	57	80.74	72.14	1.27	3.72	17.37	4.69	9.90	99

* In USD billions

Design Criteria and Calculation Methodology

Coupon:	Fixed-rate, fixed-to-floating rate, zero coupon and fixed-rate bonds that step up according to a predetermined schedule
Currency:	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 size outstanding:	USD 250 million
Minimum quality:	C by S&P and Ca by Moody's (excludes defaulted and non-rated bonds)
Weighting:	Market capitalization
Rebalancing:	Once a month at month end
Reinvestment of cash flows:	Intra-month cash flows from interest and principal payments are not reinvested as part of monthly index total return calculations
Pricing:	LSEG Data & Analytics
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, 2012

Vendor Codes

SBRFIU	Russell 3000 Fixed Income Index, in USD terms	SBR1FIGz	Russell 1000 Fixed Income Index, in GBP terms
SBRFIE	Russell 3000 Fixed Income Index, in EUR terms	SBR2FIU	Russell 2000 Fixed Income Index, in USD terms
SBRFIG	Russell 3000 Fixed Income Index, in GBP terms	SBR2FIE	Russell 2000 Fixed Income Index, in EUR terms
SBR1FIU	Russell 1000 Fixed Income Index, in USD terms	SBR2FIG	Russell 2000 Fixed Income Index, in GBP terms
SBR1FIE	Russell 1000 Fixed Income Index, in EUR terms		

© 2023 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) The Yield Book Inc ("YB") and (7) Beyond Ratings S. A. S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "The Yield Book®", "Beyond Ratings®" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of the LSE Group or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or of results to be obtained from the use of FTSE Russell products, including but not limited to indexes, data and analytics, or the fitness or suitability of the FTSE Russell products for any particular purpose to which they might be put. Any representation of historical data accessible through FTSE Russell products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any error (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing contained herein or accessible through FTSE Russell products, including statistical data and industry reports, should be taken as constituting financial or investment advice or a financial promotion.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. However, back-tested data may reflect the application of the index methodology with the benefit of hindsight, and the historic calculations of an index may change from month to month based on revisions to the underlying economic data used in the calculation of the index.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of the LSE Group. Use and distribution of the LSE Group data requires a licence from FTSE, Russell, FTSE Canada, Mergent, FTSE FI, YB, BR and/or their respective licensors.

Data definitions available from

fi_index@ftserussell.com

To learn more, visit lseg.com/ftse-russell;
email fi_index@ftserussell.com; or call your
regional Client Services Team office:

EMEA

+44 (0) 20 7866 1810

North America

+1 877 503 6437

Asia-Pacific

Hong Kong +852 2164 3333

Tokyo +81 3 6441 1430

Sydney +61 (0)2 7228 5659