

# FTSE Russell Indexes - October 19, 2018 Performance (JPY Terms)

Pricing Date: October 19, 2018, Settlement Date: October 19, 2018

Index	Local Currency Terms			JPY Terms Unhedged			JPY Terms Hedged		
	Index	Daily	MTD	Index	Daily	MTD	Index	Daily	MTD
World Broad Investment-Grade Bond Index (WorldBIG)	219.90	-0.06	-0.61	215.62	-0.06	-1.82	154.10	-0.06	-0.67
World Government Bond Index (WGBI)	719.72	-0.02	-0.58	410.42	-0.04	-1.78	368.03	-0.03	-0.63
World Government Bond Index - Developed Markets (WGBI - DM)	716.52	-0.02	-0.59	410.19	-0.03	-1.75	368.77	-0.02	-0.63
World Government Bond Index - Extended (WGBI - Extended)	725.70	-0.01	-0.49	411.86	-0.01	-1.75	369.23	-0.02	-0.54
World Inflation-Linked Securities Index (WorldILSI)	169.19	-0.10	-0.75	136.94	-0.19	-2.00	147.03	-0.10	-0.82
US Broad Investment-Grade Bond Index (USBIG)	1,640.32	-0.13	-0.86	408.39	-0.13	-1.81	401.27	-0.13	-0.98
US Treasury Index	1,434.60	-0.15	-0.70	357.51	-0.15	-1.65	348.78	-0.16	-0.83
US High-Yield Market Index	1,010.35	-0.08	-0.97	909.64	-0.08	-1.92	202.57	-0.09	-1.09
US High-Yield Cash Pay Index	990.85	-0.08	-0.97	892.09	-0.08	-1.92	202.05	-0.09	-1.09
US High-Yield Market Capped Index	352.37	-0.08	-0.97	302.46	-0.08	-1.92	199.91	-0.08	-1.10
US High-Yield Cash Pay Capped Index	349.22	-0.08	-0.97	299.75	-0.08	-1.92	198.64	-0.08	-1.10
LATAM Government Bond Index (LATAMGBI)	187.34	-0.06	0.89	142.31	-0.29	0.14	123.56	-0.08	0.69
Euro Broad Investment-Grade Bond Index (EuroBIG)	228.94	0.02	-0.47	223.52	0.06	-2.44	163.73	0.02	-0.45
EMU Government Bond Index (EGBI)	229.50	0.07	-0.82	224.07	0.12	-2.77	163.79	0.07	-0.79
Eurodollar Bond Index	381.13	-0.07	-0.98	400.97	-0.07	-1.93	192.46	-0.07	-1.10
Eurosterling Bond Index	496.86	-0.05	-0.12	467.09	-0.28	-1.05	221.46	-0.05	-0.17
Euroyen Bond Index	182.44	0.02	-0.01	182.44	0.02	-0.01	182.44	0.02	-0.01
CEEMEA Government Bond Index (CEEMEAGBI)	153.57	-0.17	-0.19	119.01	-0.35	-1.71	111.95	-0.19	-0.45
Middle East and North Africa Broad Bond Index (MENABBI)	141.73	-0.10	-1.04	196.58	-0.10	-1.99	132.15	-0.10	-1.16
Asian Government Bond Index (AGBI)	170.53	0.07	0.30	141.91	0.22	-1.71	136.54	0.06	0.15

Base Dates -- WorldBIG: 31 Dec 98. WGBI, WGBI-DM, WGBI-Extended: 31 Dec 84. WorldILSI: 30 Apr 07. USBIG, US Treasury: 31 Dec 79. US HY Market, US HY Cash-Pay: 31 Dec 88. US HY Market Capped, US HY Cash-Pay Capped: 31 Dec 01. LATAMGBI: 31 Mar 11. EuroBIG, EGBI: 31 Dec 98. Eurodollar: 30 Jun 93. Eurosterling: 30 Dec 94. Euroyen: 30 Dec 94. CEEMEAGBI: 31 Mar 11. MENABBI: 31 Dec 10. AGBI, APGBI: 31 Dec 07. AGBI-Extended: 28 Feb 09. ABBI: 30 Sep 08. CNYBBI, CNYBBI-Interbank: 31 Dec 13. Dim Sum: 31 Dec 10. AusBIG: 30 Jun 00. EMGBI: 31 Dec 07. EMILSI: 31 Mar 08. EMUSDGBI, EMUSDGBI Capped: 31 Dec 95. DCWGBI: 31 May 04. TWUSFABI: 31 Dec 01. See Disclosures and Terms of Use on following pages.



# FTSE Russell Indexes - October 19, 2018 Performance (JPY Terms)

Pricing Date: October 19, 2018, Settlement Date: October 19, 2018

Index	Local Currency Terms			JPY Terms Unhedged			JPY Terms Hedged		
	Index	Daily	MTD	Index	Daily	MTD	Index	Daily	MTD
Asian Government Extended Bond Index (AGBI-Extended)	156.04	0.04	0.48	182.02	0.22	-1.59	119.93	0.03	0.28
AsiaPac Government Bond Index (APGBI)	173.69	0.10	0.26	140.58	0.23	-1.79	134.45	0.09	0.12
Asian Broad Bond Index (ABBI)	189.50	-0.08	-0.76	200.80	-0.08	-1.72	175.22	-0.08	-0.89
Chinese (Onshore CNY) Broad Bond Index (CNYBBI)	130.24	0.16	0.61	121.74	0.29	-1.09	111.43	0.15	0.46
Chinese (Onshore CNY) Broad Bond Index - Interbank (CNYBBI - Interbank)	130.17	0.16	0.61	121.68	0.29	-1.09	111.37	0.15	0.46
Dim Sum (Offshore CNY) Bond Index	129.66	0.01	0.05	170.66	0.19	-1.76	102.01	0.00	-0.20
Australian Broad Investment-Grade Bond Index (AusBIG)	289.74	0.19	0.11	366.02	0.19	-2.25	127.67	0.18	-0.02
Emerging Markets Government Bond Index (EMGBI)	213.92	0.06	0.28	119.52	0.06	-1.26	129.15	0.05	0.09
Emerging Markets Inflation-Linked Securities Index (EMILSI)	324.35	-0.16	3.18	174.58	-0.52	5.50	145.31	-0.20	3.01
Emerging Markets US Dollar Government Bond Index (EMUSDGBI)	786.03	-0.11	-1.69	857.20	-0.12	-2.63	189.62	-0.12	-1.80
Emerging Markets US Dollar Government Capped Bond Index (EMUSDGBI Capped)	837.69	-0.11	-1.58	913.54	-0.12	-2.52	193.31	-0.12	-1.70
Debt Capacity World Government Bond Index (DCWGBI)	167.53	-0.03	-0.45	162.62	-0.06	-1.97	135.65	-0.03	-0.51
Time-Weighted US Fallen Angel Bond Index	659.55	-0.06	-0.86	566.12	-0.06	-1.81	321.33	-0.07	-0.99

Base Dates -- WorldBIG: 31 Dec 98. WGBI, WGBI-DM, WGBI-Extended: 31 Dec 84. WorldILSI: 30 Apr 07. USBIG, US Treasury: 31 Dec 79. US HY Market, US HY Cash-Pay: 31 Dec 88. US HY Market Capped, US HY Cash-Pay Capped: 31 Dec 01. LATAMGBI: 31 Mar 11. EuroBIG, EGBI: 31 Dec 98. Eurodollar: 30 Jun 93. Eurosterling: 30 Dec 94. Euroyen: 30 Dec 94. CEEMEAGBI: 31 Mar 11. MENABBI: 31 Dec 10. AGBI, APGBI: 31 Dec 07. AGBI-Extended: 28 Feb 09. ABBI: 30 Sep 08. CNYBBI, CNYBBI-Interbank: 31 Dec 13. Dim Sum: 31 Dec 10. AusBIG: 30 Jun 00. EMGBI: 31 Dec 07. EMILSI: 31 Mar 08. EMUSDGBI, EMUSDGBI Capped: 31 Dec 95. DCWGBI: 31 May 04. TWUSFABI: 31 Dec 01. See Disclosures and Terms of Use on following pages.



© 2018 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 TMX Global Debt Capital Markets Inc. and FTSE TMX Global Debt Capital Markets Limited (together, "FTSE TMX"), (4) MTSNext Limited ("MTSNext"), (5) Mergent, Inc. ("Mergent"), (6) FTSE Fixed Income LLC ("FTSE FI") and (7) The Yield Book Inc. ("YB"). All rights reserved.

FTSE Russell<sup>®</sup> is a trading name of FTSE, Russell, FTSE TMX, MTS Next Limited, Mergent, FTSE FI and YB. "FTSE<sup>®</sup>", "Russell<sup>®</sup>", "FTSE Russell<sup>®</sup>", "MTS<sup>®</sup>", "FTSE TMX<sup>®</sup>", "FTSE4Good<sup>®</sup>", "ICB<sup>®</sup>", "Mergent<sup>®</sup>", "WorldBIG<sup>®</sup>", "USBIG<sup>®</sup>", "EuroBIG<sup>®</sup>", "AusBIG<sup>®</sup>", "The Yield Book<sup>®</sup>", 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 license, by FTSE, Russell, MTSNext, FTSE TMX, Mergent, FTSE FI or YB.

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 the FTSE Russell Products 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, analyzing, 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 in this document 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 license from FTSE, Russell, FTSE TMX, MTSNext, Mergent, FTSE FI, YB and/or their respective licensors.