



FTSE Japan

19 November 2024

Indicative Index Weight Data as at Closing on 30 September 2024

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
ABC-Mart	0.04	JAPAN	Descente	0.02	JAPAN	Iwatani	0.06	JAPAN
Acom	0.02	JAPAN	Dexerials	0.05	JAPAN	Iyogin Holdings	0.05	JAPAN
Activia Properties	0.03	JAPAN	DIC	0.04	JAPAN	Izumi Co Ltd	0.02	JAPAN
Advance Residence Investment	0.07	JAPAN	Disco	0.47	JAPAN	J Front Retailing	0.05	JAPAN
Advantest Corp	0.74	JAPAN	DMG Mori Seiki	0.06	JAPAN	Japan Airlines	0.05	JAPAN
Aeon	0.41	JAPAN	Dowa Holdings	0.04	JAPAN	Japan Airport Terminal	0.05	JAPAN
AEON Financial Service	0.02	JAPAN	East Japan Railway	0.46	JAPAN	Japan Exchange Group	0.29	JAPAN
Aeon Mall	0.03	JAPAN	Ebara	0.16	JAPAN	Japan Hotel REIT Investment	0.05	JAPAN
AEON REIT Investment	0.03	JAPAN	Eisai	0.21	JAPAN	Japan Logistics Fund	0.04	JAPAN
AGC	0.12	JAPAN	Electric Power Development	0.06	JAPAN	Japan Metropolitan Fund Investment	0.1	JAPAN
Aica Kogyo	0.03	JAPAN	Eneos Holdings	0.34	JAPAN	Japan Post Bank	0.29	JAPAN
Air Water	0.05	JAPAN	EXEO Group	0.04	JAPAN	Japan Post Holdings	0.39	JAPAN
Aisin	0.11	JAPAN	Ezaki Glico	0.03	JAPAN	Japan Post Insurance	0.07	JAPAN
Ajinomoto Co	0.4	JAPAN	Fanci Corp	0.01	JAPAN	Japan Prime Realty Investment	0.05	JAPAN
Alfresa Holdings	0.05	JAPAN	Fanuc	0.59	JAPAN	Japan Real Estate Investment Corporation	0.11	JAPAN
Alps Alpine	0.05	JAPAN	Fast Retailing	1.28	JAPAN	Japan Steel Works	0.05	JAPAN
Amada	0.07	JAPAN	Food & Life	0.05	JAPAN	Japan Tobacco	0.74	JAPAN
Amano Corp	0.04	JAPAN	FP Corporation	0.02	JAPAN	Jeol	0.03	JAPAN
Amvis Holdings	0.01	JAPAN	Frontier Real Estate Investment	0.03	JAPAN	JFE Holdings	0.17	JAPAN
ANA Holdings	0.07	JAPAN	Fuji Electric	0.16	JAPAN	JGC Corp	0.04	JAPAN
Aozora Bank	0.06	JAPAN	Fuji Media Holdings	0.01	JAPAN	JMDC	0.02	JAPAN
As One	0.03	JAPAN	Fuji Oil Holdings	0.02	JAPAN	JTEKT	0.03	JAPAN
Asahi Group Holdings	0.38	JAPAN	FUJI SOFT	0.08	JAPAN	Justsystems	0.02	JAPAN
Asahi Intecc	0.07	JAPAN	FUJIFILM Holdings	0.64	JAPAN	Kadokawa	0.04	JAPAN
Asahi Kasei Corporation	0.2	JAPAN	Fujikura	0.19	JAPAN	Kagome	0.04	JAPAN
Asics Corp	0.3	JAPAN	Fujitsu	0.71	JAPAN	Kajima Corp	0.18	JAPAN
Askul	0.01	JAPAN	Fujitsu General	0.02	JAPAN	Kakaku.com Inc.	0.04	JAPAN
Astellas Pharmaceutical	0.44	JAPAN	Fukuoka Financial Group	0.09	JAPAN	Kamigumi	0.04	JAPAN
Azbil Corp.	0.09	JAPAN	Fuyo General Lease	0.03	JAPAN	Kandenko	0.03	JAPAN
Bandai Namco Holdings	0.28	JAPAN	GLP J-REIT	0.09	JAPAN	Kaneka Corp	0.03	JAPAN
Baycurrent Consulting	0.11	JAPAN	GMO Internet Group	0.02	JAPAN	Kansai Elec Power	0.26	JAPAN
Bic Camera	0.03	JAPAN	GMO Payment Gateway	0.05	JAPAN	Kansai Paint	0.06	JAPAN
Biprogy	0.05	JAPAN	Goldwin	0.04	JAPAN	Kao	0.48	JAPAN
Bridgestone Corp	0.46	JAPAN	GS Yuasa Corp	0.04	JAPAN	Kawasaki Heavy Industries	0.13	JAPAN
Brother Industries	0.1	JAPAN	Gunma Bank	0.05	JAPAN	Kawasaki Kisen Kaisha Ltd	0.13	JAPAN
Calbee	0.04	JAPAN	Hachijuni Bank	0.05	JAPAN	KDDI Corp	1.03	JAPAN
Canon	0.65	JAPAN	Hakuhodo DY Holdings	0.04	JAPAN	KDX Realty Investment	0.09	JAPAN
Canon Marketing Japan	0.03	JAPAN	Hamamatsu Photo	0.07	JAPAN	Keihan Holdings	0.04	JAPAN
Capcom Co Ltd	0.18	JAPAN	Hankyu Hanshin Holdings	0.14	JAPAN	Keiiky Corporation	0.04	JAPAN
Casio Computer Co	0.04	JAPAN	Harmonic Drive Systems	0.03	JAPAN	Keio Corp	0.06	JAPAN
Central Japan Railway	0.45	JAPAN	Haseko	0.07	JAPAN	Keisei Electric Railway	0.09	JAPAN
Chiba Bank	0.11	JAPAN	Heiwa	0.02	JAPAN	KEWPIE Corporation	0.06	JAPAN
Chubu Elec Power	0.17	JAPAN	Hikari Tsushin	0.12	JAPAN	Keyence Corp	1.99	JAPAN
Chugai Seiyaku	0.67	JAPAN	Hino Motors	0.02	JAPAN	Kikkoman	0.22	JAPAN
Chugin Financial Group	0.04	JAPAN	Hirogin Holdings	0.05	JAPAN	Kinden	0.06	JAPAN
Chugoku Electric Power	0.04	JAPAN	Hirose Electric	0.08	JAPAN	Kintetsu	0.1	JAPAN
Coca-Cola Bottlers Japan	0.04	JAPAN	Hisamitsu Pharmaceutical	0.04	JAPAN	Kirin Holdings Co. Ltd.	0.25	JAPAN
Comsys Holdings	0.05	JAPAN	Hitachi	2.51	JAPAN	Kobayashi Pharmaceutical	0.05	JAPAN
Concordia Financial Group	0.13	JAPAN	Hitachi Construction Machinery	0.05	JAPAN	Kobe Bussan	0.1	JAPAN
Cosmo Energy Holdings	0.07	JAPAN	Honda Motor Co	1.08	JAPAN	Kobe Steel	0.08	JAPAN
Cosmos Pharmaceutical	0.04	JAPAN	Horiba	0.05	JAPAN	Koei Tecmo Holdings	0.04	JAPAN
Credit Saison	0.08	JAPAN	Hoshizaki	0.09	JAPAN	Koito Manufacturing	0.06	JAPAN
CyberAgent	0.06	JAPAN	House Foods Group	0.04	JAPAN	Kokusai Electric	0.06	JAPAN
Dai Nippon Printing	0.17	JAPAN	Hoya	1.04	JAPAN	Kokuyo	0.04	JAPAN
Daicel	0.05	JAPAN	Hulic	0.09	JAPAN	Komatsu	0.54	JAPAN
Daido Steel Co	0.04	JAPAN	Ibiden	0.07	JAPAN	Konami Group	0.21	JAPAN
Daiifuku	0.12	JAPAN	Idemitsu Kosan	0.19	JAPAN	Konica Minolta	0.03	JAPAN
Dai-ichi Life Holdings	0.5	JAPAN	IHI	0.14	JAPAN	Kose	0.05	JAPAN
Daiichi Sankyo	1.32	JAPAN	Iida Group Holdings	0.05	JAPAN	Kotobuki Spirits	0.03	JAPAN
Daikin Industries	0.8	JAPAN	Industrial & Infrastructure Fund Investment	0.04	JAPAN	K's Holdings	0.03	JAPAN
Daito Trust Constuction	0.15	JAPAN	INFRONEER Holdings	0.03	JAPAN	Kubota	0.3	JAPAN
Daiwa House Industry	0.4	JAPAN	INPEX CORPORATION	0.24	JAPAN	Kuraray	0.1	JAPAN
Daiwa House REIT Investment	0.08	JAPAN	Internet Initiative Japan	0.05	JAPAN	Kurita Water Inds	0.1	JAPAN
Daiwa Office Investment	0.02	JAPAN	Invincible Investment	0.07	JAPAN	Kusuri No Aoki Holdings	0.02	JAPAN
Daiwa Securities Group	0.2	JAPAN	Isetan Mitsukoshi Holdings	0.11	JAPAN	Kyocera Corp	0.3	JAPAN
Daiwa Securities Living Investment	0.03	JAPAN	Isuzu Motors	0.17	JAPAN	Kyoto Financial Group	0.09	JAPAN
Denka	0.03	JAPAN	Ito En	0.03	JAPAN	Kyowa Kirin	0.09	JAPAN
Denso Corporation	0.65	JAPAN	Itochu Corp	1.56	JAPAN	Kyudenko Corp	0.05	JAPAN
Dentsu Group	0.17	JAPAN	Itoham Yonekyu Holdings	0.01	JAPAN	Kyushu Elec Power	0.1	JAPAN
Dentsu Soken	0.02	JAPAN						

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Kyushu Financial Group	0.04	JAPAN	Nomura Research Institute	0.33	JAPAN	Sumitomo Corp	0.49	JAPAN
Kyushu Railway	0.09	JAPAN	NS Solutions	0.04	JAPAN	Sumitomo Electric Industries	0.26	JAPAN
LaSalle Logiport REIT	0.04	JAPAN	NSK	0.05	JAPAN	Sumitomo Forestry	0.15	JAPAN
Lasertec	0.3	JAPAN	NTT Data Corp.	0.24	JAPAN	Sumitomo Heavy Ind	0.06	JAPAN
Lion Corp	0.06	JAPAN	Obayashi	0.18	JAPAN	Sumitomo Metal Mining	0.15	JAPAN
LIXIL	0.07	JAPAN	Obic	0.25	JAPAN	Sumitomo Mitsui Financial Group	1.7	JAPAN
LY	0.16	JAPAN	Obic Business Consultants	0.03	JAPAN	Sumitomo Mitsui Trust Holdings	0.36	JAPAN
M3	0.09	JAPAN	Odakyu Electric Railway	0.08	JAPAN	Sumitomo Realty & Development	0.3	JAPAN
Mabuchi Motor	0.03	JAPAN	Oji Holdings	0.08	JAPAN	Sumitomo Rubber Industries	0.04	JAPAN
Macnica Fuji Electronics Holdings	0.04	JAPAN	Okuma	0.02	JAPAN	Sundrug Co Ltd	0.04	JAPAN
Makita Corp	0.17	JAPAN	Olympus	0.44	JAPAN	Suntory Beverage & Food	0.1	JAPAN
Mani	0.02	JAPAN	Omron Corp	0.18	JAPAN	Suzuken	0.06	JAPAN
Marubeni Corp	0.55	JAPAN	Ono Pharmaceutical	0.12	JAPAN	Suzuki Motor	0.43	JAPAN
Marui Group	0.06	JAPAN	Open House	0.06	JAPAN	Systemex	0.24	JAPAN
Maruichi Steel Tube	0.03	JAPAN	Oracle Corporation Japan	0.07	JAPAN	T&D Holdings	0.19	JAPAN
Maruwa	0.05	JAPAN	Organo	0.03	JAPAN	Taiheyo Cement Corp	0.06	JAPAN
Matsui Securities Co Ltd	0.01	JAPAN	Oriental Land	0.6	JAPAN	Taisei	0.16	JAPAN
MatsukyoCocokara	0.13	JAPAN	Orix Corporation	0.54	JAPAN	Taiyo Yuden	0.05	JAPAN
Mazda Motor	0.09	JAPAN	Orix Jreit Inc	0.06	JAPAN	Takara Holdings	0.03	JAPAN
McDonald's Holdings (Japan)	0.09	JAPAN	Osaka Gas	0.18	JAPAN	Takasago Thermal Engineering	0.04	JAPAN
Mebuki Financial Group	0.08	JAPAN	OSG	0.02	JAPAN	Takashimaya	0.05	JAPAN
Medipal Holdings	0.07	JAPAN	Otsuka	0.11	JAPAN	Takeda Pharmaceutical	0.95	JAPAN
Meiji Holdings	0.14	JAPAN	Otsuka Holdings	0.58	JAPAN	TBS Holdings	0.02	JAPAN
Mercari	0.04	JAPAN	Paltac	0.02	JAPAN	TDK Corp	0.49	JAPAN
Minebea Mitsumi	0.17	JAPAN	Pan Pacific International Holdings	0.22	JAPAN	TechnoPro Holdings	0.04	JAPAN
MISUMI Group	0.11	JAPAN	Panasonic Holdings	0.38	JAPAN	Teijin	0.04	JAPAN
Mitsubishi Chemical Holdings	0.18	JAPAN	Park24	0.03	JAPAN	Terumo Corp	0.58	JAPAN
Mitsubishi Corp	1.77	JAPAN	Penta Ocean Construction	0.02	JAPAN	THK	0.04	JAPAN
Mitsubishi Electric Corp	0.66	JAPAN	Peptidream	0.04	JAPAN	TIS	0.12	JAPAN
Mitsubishi Estate	0.36	JAPAN	Persol Holdings	0.07	JAPAN	Tobu Railway	0.08	JAPAN
Mitsubishi Gas Chemical	0.08	JAPAN	Pola Orbis Holdings	0.02	JAPAN	Toda Corp	0.03	JAPAN
Mitsubishi HC Capital	0.13	JAPAN	Rakus	0.03	JAPAN	Toei Animation	0.02	JAPAN
Mitsubishi Heavy Inds	0.93	JAPAN	Rakuten	0.19	JAPAN	Toho	0.09	JAPAN
Mitsubishi Logistics	0.05	JAPAN	Rakuten Bank	0.04	JAPAN	Toho Gas	0.05	JAPAN
Mitsubishi Materials Corpn	0.05	JAPAN	Recruit Holdings	1.75	JAPAN	Tohoku Elec Power	0.1	JAPAN
Mitsubishi Motors	0.04	JAPAN	Reio Group	0.03	JAPAN	Tokai Carbon	0.03	JAPAN
Mitsubishi UFJ Financial	2.46	JAPAN	Renasas Electronics	0.47	JAPAN	Tokio Marine Holdings	1.49	JAPAN
Mitsui & Co	1.39	JAPAN	Rengo	0.03	JAPAN	Tokyo Century	0.06	JAPAN
Mitsui Chemicals	0.1	JAPAN	Resona Holdings	0.33	JAPAN	Tokyo Electric Power Co Holdings	0.14	JAPAN
Mitsui Fudosan	0.54	JAPAN	Resonac Holdings	0.1	JAPAN	Tokyo Electron	1.66	JAPAN
Mitsui Fudosan Logistics Park	0.04	JAPAN	Resortrust	0.03	JAPAN	Tokyo Gas	0.17	JAPAN
Mitsui High-Tec	0.02	JAPAN	Ricoh	0.13	JAPAN	Tokyo Ohka Kogyo	0.06	JAPAN
Mitsui Mining & Smelt	0.04	JAPAN	Rinnai Corp	0.05	JAPAN	Tokyo Seimitsu	0.04	JAPAN
Mitsui Osk Lines	0.25	JAPAN	Rohm	0.08	JAPAN	Tokyo Tatemono	0.07	JAPAN
Miura	0.05	JAPAN	Rohto Pharmaceutical	0.1	JAPAN	Tokyu Corp	0.13	JAPAN
Mizuho Financial Group	1.11	JAPAN	Rorze	0.03	JAPAN	Tokyu Fudosan Holdings	0.09	JAPAN
Money Forward	0.04	JAPAN	Ryohin Keikaku	0.09	JAPAN	Toppan Holdings	0.17	JAPAN
MonotaRO	0.08	JAPAN	Sankyo	0.05	JAPAN	Toray Industries	0.19	JAPAN
Mori Hills REIT Investment	0.03	JAPAN	Sankyu	0.04	JAPAN	Toridoll Holdings	0.02	JAPAN
Morinaga	0.03	JAPAN	Sanrio	0.11	JAPAN	Tosoh	0.08	JAPAN
Morinaga Milk Industry	0.04	JAPAN	Santen Pharmaceutical	0.07	JAPAN	Toto	0.12	JAPAN
MS&AD Insurance Group Holdings	0.66	JAPAN	Sanwa Holdings	0.11	JAPAN	Toyo Seikan Group Holdings	0.05	JAPAN
Murata Manufacturing	0.71	JAPAN	Sapporo Holdings	0.07	JAPAN	Toyo Suisan Kaisha	0.13	JAPAN
Nabtesco Corp	0.04	JAPAN	Sawai Group Holdings	0.04	JAPAN	Toyo Tire	0.03	JAPAN
Nagase & Co	0.05	JAPAN	SBI Holdings	0.13	JAPAN	Toyoda Gosei	0.02	JAPAN
Nagoya Railroad	0.05	JAPAN	SBI Sumishin Net Bank	0.02	JAPAN	Toyota Boshoku	0.02	JAPAN
Nankai Electric Railway	0.04	JAPAN	SCREEN Holdings	0.12	JAPAN	Toyota Industries	0.26	JAPAN
NEC	0.53	JAPAN	SCSK	0.06	JAPAN	Toyota Motor	4.51	JAPAN
NEC Networks & System Integration	0.03	JAPAN	Secom	0.32	JAPAN	Toyota Tsusho	0.26	JAPAN
Net One	0.04	JAPAN	Sega Sammy Holdings	0.07	JAPAN	Trend Micro	0.17	JAPAN
Nexon	0.18	JAPAN	Seibu Holdings	0.1	JAPAN	TS TECH	0.02	JAPAN
NGK Insulators	0.07	JAPAN	Seiko Epson	0.1	JAPAN	Tsumura & Co	0.04	JAPAN
NH Foods	0.08	JAPAN	Seino Holdings	0.05	JAPAN	Tsuruha Holdings	0.06	JAPAN
NHK Spring Co	0.04	JAPAN	Sekisui Chemical	0.13	JAPAN	Ube Industries	0.04	JAPAN
Nichirei	0.07	JAPAN	Sekisui House	0.32	JAPAN	Ulvac	0.05	JAPAN
Nidec Corp	0.46	JAPAN	Sekisui House Reit	0.05	JAPAN	Uni-Charm	0.3	JAPAN
Nifco	0.04	JAPAN	Seven & I Holdings	0.73	JAPAN	United Urban Investment	0.06	JAPAN
Nihon Kohden	0.05	JAPAN	Seven Bank	0.03	JAPAN	Ushio Inc	0.03	JAPAN
Nihon M&A Center	0.03	JAPAN	SG Holdings	0.1	JAPAN	USS	0.08	JAPAN
Nikon Corp	0.07	JAPAN	Sharp	0.03	JAPAN	Welcia Holdings	0.03	JAPAN
Nintendo	1.19	JAPAN	Shift	0.02	JAPAN	West Japan Railway	0.18	JAPAN
Nippon Accommodations Fund	0.04	JAPAN	Shikoku Electric Power	0.03	JAPAN	Workman	0.03	JAPAN
Nippon Building Fund Inc	0.15	JAPAN	Shimadzu Corp	0.19	JAPAN	Yakult Honsha	0.14	JAPAN
Nippon Electric Glass	0.04	JAPAN	Shimamura	0.05	JAPAN	Yamada Holdings	0.04	JAPAN
Nippon Express Holdings	0.08	JAPAN	Shimano	0.31	JAPAN	Yamaguchi Financial Group	0.04	JAPAN
Nippon Kayaku	0.03	JAPAN	Shimizu Corp	0.08	JAPAN	Yamaha	0.07	JAPAN
Nippon Paint	0.16	JAPAN	Shin-Etsu Chemical	1.7	JAPAN	Yamaha Motor	0.17	JAPAN
Nippon Prologis REIT	0.09	JAPAN	Shinko Elec Ind	0.05	JAPAN	Yamato Holdings	0.07	JAPAN
Nippon Sanso Holdings	0.14	JAPAN	Shionogi	0.22	JAPAN	Yamato Kogyo	0.04	JAPAN
Nippon Shinyaku	0.03	JAPAN	Ship Healthcare Holdings	0.03	JAPAN	Yamazaki Baking	0.05	JAPAN
Nippon Shokubai	0.03	JAPAN	Shiseido	0.22	JAPAN	Yaoko Co Ltd	0.04	JAPAN
Nippon Steel	0.4	JAPAN	Shizuoka Financial Group	0.08	JAPAN	Yaskawa Electric	0.19	JAPAN
Nippon Telegraph and Telephone	0.62	JAPAN	Sho-Bond Holdings	0.04	JAPAN	Yokogawa Electric	0.13	JAPAN
Nippon Television Holdings	<0.005	JAPAN	Skyark Holdings	0.08	JAPAN	Yokohama Rubber	0.06	JAPAN
Nippon Yusen	0.34	JAPAN	SMC Corp	0.53	JAPAN	Zenkoku Hoshu	0.04	JAPAN
Nipro	0.02	JAPAN	Socionext	0.08	JAPAN	Zensho Holdings	0.11	JAPAN
Nishi-Nippon Railroad	0.03	JAPAN	SoftBank	0.77	JAPAN	Zeon Corporation	0.03	JAPAN
Nissan Chemical	0.1	JAPAN	SoftBank Group	1.23	JAPAN	ZOZO Inc	0.08	JAPAN
Nissan Motor	0.1	JAPAN	Sohgo Security Services	0.06	JAPAN			
Nisshin Seifun Group	0.07	JAPAN	Sojitz	0.11	JAPAN			
NISSIN FOODS HOLDINGS	0.12	JAPAN	Sompo Holdings	0.44	JAPAN			
Niterra	0.1	JAPAN	Sony Corp	2.49	JAPAN			
Nitori Holdings	0.24	JAPAN	Sotetsu Holdings Inc	0.03	JAPAN			
Nitto Denko Corp	0.25	JAPAN	Square Enix Holdings	0.07	JAPAN			
Noevir Holdings	0.01	JAPAN	Stanley Electric	0.04	JAPAN			
Nof Corp	0.08	JAPAN	Subaru	0.22	JAPAN			
NOK	0.03	JAPAN	Sugi Holdings	0.04	JAPAN			
Nomura Holdings	0.31	JAPAN	Sumco	0.08	JAPAN			
Nomura Real Estate Holdings	0.06	JAPAN	Sumitomo Bakelite	0.04	JAPAN			
Nomura Real Estate Master Fund	0.1	JAPAN	Sumitomo Chemical	0.09	JAPAN			

Data Explanation

Weights

Weights data is indicative, as values have been rounded up or down to two decimal points. Where very small values are concerned, which would display as 0.00 using this rounding method, these weights are shown as <0.005.

Timing of data

Constituents & Weights are generally published in arrears and contain the data as at the most recent quarter-end. However, some spreadsheets are updated on a more frequent basis. Please refer to the data date shown.

© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG 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) FTSE (Beijing) Consulting Limited ("WOFEE") (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) 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, WOFEE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMM™", "FR™" 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 LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFEE, RBSL, RL or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) 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 LSEG, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical inaccuracy as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of LSEG 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 LSEG Products, or of results to be obtained from the use of LSEG products, including but not limited to indices, rates, data and analytics, or the fitness or suitability of the LSEG products for any particular purpose to which they might be put. The user of the information assumes the entire risk of any use it may make or permit to be made of the information.

No responsibility or liability can be accepted by any member of LSEG 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 inaccuracy (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 LSEG is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of LSEG nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indices and rates cannot be invested in directly. Inclusion of an asset in an index or rate is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index or rate containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index and/or rate 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 or rate 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 or rate was officially launched. However, back-tested data may reflect the application of the index or rate methodology with the benefit of hindsight, and the historic calculations of an index or rate may change from month to month based on revisions to the underlying economic data used in the calculation of the index or rate.

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 LSEG. Use and distribution of LSEG data requires a licence from LSEG and/or its licensors.

Data definitions available from lseg.com/ftse-russell

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

Europe, Middle East & Africa

London: + 44 (0) 20 7866 1810

Americas

New York: +1 877 503 6437

Asia Pacific

Hong Kong: + 852 2164 3333

Tokyo: + 81 (3) 6441 1430