FTSE Russell

Russell U.S. Growth and Value Indexes

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*
Highest index returns										
Russell 2000®	Russell Midcap®	Russell 1000®	Russell 2000® Value	Russell 1000®	Russell 1000®	Russell 1000®	Russell 2500™	Russell Midcap®	Russell 1000® Value	Russell 1000®
Growth Index	Value Index	Growth Index	Index	Growth Index	Growth Index	Growth Index	Growth Index	Value Index	Index	Growth Index
43.30	14.75	5.67	31.74	30.21	-1.51	36.39	40.47	28.34	-7.54	29.02
Russell 2500™	Russell 1000® Value	Russell 3000®	Russell 2500™ Value	Russell 3000®	Russell 3000®	Russell 3000®	Russell 1000®	Russell 2000® Value	Russell 3000® Value	Russell 3000®
Growth Index	Index	Growth Index	Index	Growth Index	Growth Index	Growth Index	Growth Index	Index	Index	Growth Index
40.65	13.45	5.09	25.20	29.59	-2.12	35.85	38.49	28.27	-7.98	28.05
Russell Midcap®	Russell 1000®	Russell 2500™	Russell Midcap®	Russell Midcap®	Russell Midcap®	Russell Midcap®	Russell 3000®	Russell 2500™ Value	Russell Midcap®	Russell Midcap®
Growth Index	Growth Index	Growth Index	Value Index	Growth Index	Growth Index	Growth Index	Growth Index	Index	Value Index	Growth Index
35.74	13.05	-0.19	20.00	25.27	-4.75	35.47	38.26	27.78	-12.03	15.94
Russell 2000® Value	Russell 3000® Value	Russell Midcap®	Russell 3000® Value	Russell 2500™	Russell 2500™	Russell 2500™	Russell Midcap®	Russell 1000®	Russell 2500™ Value	Russell 2000®
Index	Index	Growth Index	Index	Growth Index	Growth Index	Growth Index	Growth Index	Growth Index	Index	Growth Index
34.52	12.70	-0.20	18.40	24.46	-7.47	32.65	35.59	27.60	-13.08	13.55
Russell 3000®	Russell 3000®	Russell 2000®	Russell 1000® Value	Russell 2000®	Russell 1000® Value	Russell 2000®	Russell 2000®	Russell 3000®	Russell 2000® Value	Russell 2500™
Growth Index	Growth Index	Growth Index	Index	Growth Index	Index	Growth Index	Growth Index	Growth Index	Index	Growth Index
34.23	12.44	-1.38	17.34	22.17	-8.27	28.48	34.63	25.85	-14.48	13.38
Russell 1000®	Russell Midcap®	Russell 1000® Value	Russell 2000®	Russell 1000® Value	Russell 3000® Value	Russell Midcap®	Russell Midcap®	Russell 3000® Value	Russell 2500™	Russell 2500™ Value
Growth Index	Growth Index	Index	Growth Index	Index	Index	Value Index	Value Index	Index	Growth Index	Index
33.48	11.90	-3.83	11.32	13.66	-8.58	27.06	4.96	25.37	-26.21	5.83
Russell Midcap®	Russell 2500™ Value	Russell 3000® Value	Russell 2500™	Russell Midcap®	Russell 2000®	Russell 1000® Value	Russell 2500™ Value	Russell 1000® Value	Russell 2000®	Russell Midcap®
Value Index	Index	Index	Growth Index	Value Index	Growth Index	Index	Index	Index	Growth Index	Value Index
33.46	7.11	-4.13	9.73	13.34	-9.31	26.54	4.88	25.16	-26.36	5.23
Russell 2500™ Value	Russell 2500™	Russell Midcap®	Russell 3000®	Russell 3000® Value	Russell Midcap®	Russell 3000® Value	Russell 2000® Value	Russell Midcap®	Russell Midcap®	Russell 1000® Value
Index	Growth Index	Value Index	Growth Index	Index	Value Index	Index	Index	Growth Index	Growth Index	Index
33.32	7.05	-4.78	7.39	13.19	-12.29	26.26	4.63	12.73	-26.72	5.12
Russell 3000® Value	Russell 2000®	Russell 2500™ Value	Russell Midcap®	Russell 2500™ Value	Russell 2500™ Value	Russell 2500™ Value	Russell 3000® Value	Russell 2500™	Russell 3000®	Russell 3000® Value
Index	Growth Index	Index	Growth Index	Index	Index	Index	Index	Growth Index	Growth Index	Index
32.69	5.60	-5.49	7.33	10.36	-12.36	23.56	2.87	5.04	-28.97	4.98
Russell 1000® Value	Russell 2000® Value	Russell 2000® Value	Russell 1000®	Russell 2000® Value	Russell 2000® Value	Russell 2000® Value	Russell 1000® Value	Russell 2000®	Russell 1000®	Russell 2000® Value
Index	Index	Index	Growth Index	Index	Index	Index	Index	Growth Index	Growth Index	Index
32.53	4.22	-7.47	7.08	7.84	-12.86	22.39	2.80	2.83	-29.14	2.50
Lowest index returns										

^{*}Source: FTSE Russell. Data as of June 30, 2023. Figures are percentage index returns for each complete calendar year and the year to date. Past performance is no guarantee of future results. Returns shown may reflect hypothetical historical performance. Please see disclaimer page for important legal disclosures.

June 30, 2023

FTSE Russell

Russell U.S. Growth and Value Indexes

For more information about our indexes, please visit ftserussell.com

© 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, t

No member of the LSE Group 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 the LSE Group 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. Indexes cannot be invested in directly. Inclusion of an asset in an index 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 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 returns shown may not represent the results of the actual trading of investable assets.

This document may contain forward-looking assessments. These are based upon a number of assumptions concerning future conditions that ultimately may prove to be inaccurate. Such forward-looking assessments are subject to risks and uncertainties and may be affected by various factors that may cause actual results to differ materially. No member of the LSE Group nor their licensors assume any duty to and do not undertake to update forward-looking assessments.

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, FTSE FI, FTSE FI Europe, YB, BR and/or their respective licensors.

June 30, 2023 2 of 2