

FTSE All-World Universe

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*
Highest index returns														
Size 50.51	Size 22.72	Volatility 2.34	Size 18.98	Momentum 25.20	Volatility 8.44	Quality 0.32	Value 13.15	Quality 27.92	Volatility -5.32	Quality 31.10	Quality 23.55	Volatility 22.37	Yield -4.88	Quality 18.78
Value 38.47	Comprehensive 18.73	Quality -1.56	Comprehensive 18.80	All-World 23.32	Comprehensive 7.01	Comprehensive 0.13	Yield 12.41	Size 26.87	Quality -5.42	Volatility 29.10	Momentum 23.00	Quality 21.24	Value -10.31	All-World 13.99
Yield 37.10	Momentum 13.28	Comprehensive -1.96	Momentum 18.18	Volatility 23.05	Quality 5.97	Momentum -0.11	Size 10.85	Momentum 26.37	Momentum -8.08	Momentum 27.85	All-World 16.58	Yield 20.51	Comprehensive -12.63	Volatility 11.85
All-World 36.17	All-World 13.18	Yield -2.23	Value 17.19	Value 22.69	Momentum 4.97	Volatility -0.38	Volatility 9.04	Comprehensive 25.45	All-World -9.09	All-World 27.22	Volatility 12.43	Value 19.75	Size -13.12	Momentum 10.93
Comprehensive 36.09	Quality 12.77	Momentum -5.93	All-World 17.14	Comprehensive 22.61	All-World 4.78	Size -1.52	All-World 8.62	Value 24.89	Yield -9.79	Yield 22.54	Size 9.06	Comprehensive 19.45	Volatility -15.11	Comprehensive 8.45
Quality 32.61	Value 10.92	All-World -7.26	Yield 15.77	Quality 21.99	Size 3.58	All-World -1.65	Comprehensive 6.73	All-World 24.62	Comprehensive -10.43	Value 22.30	Comprehensive 9.05	All-World 18.88	Momentum -16.92	Value 7.87
Momentum 28.68	Volatility 10.49	Value -9.23	Quality 15.42	Size 20.32	Yield 3.20	Yield -4.94	Quality 6.23	Volatility 21.41	Size -13.37	Comprehensive 21.99	Value -1.08	Momentum 18.44	All-World -17.67	Size 7.11
Volatility 27.66	Yield 9.69	Size -13.06	Volatility 15.35	Yield 20.01	Value 2.92	Value -5.52	Momentum 6.15	Yield 19.72	Value -13.60	Size 20.31	Yield -1.20	Size 11.27	Quality -21.10	Yield 6.30
Lowest index returns														

*Source: FTSE Russell. Data as of June 30, 2023. Indexes referenced in this performance quilt chart, including their launch date, are listed in the table below. Any returns prior to this date are simulated.

Indexes referenced in this performance quilt chart, including their launch date, are listed in the table below. Any returns prior to this date are simulated.

Index	Launch Month	Index	Launch Month	Index	Launch Month
FTSE All-World Comprehensive Factor Index	Oct-2016	FTSE All-World Quality Factor Index	Nov-2014	FTSE All-World Volatility Factor Index	Nov-2014
FTSE All-World Index	Nov-2001	FTSE All-World Size Factor Index	Nov-2014	FTSE All-World Yield Factor Index	Jul-2015
FTSE All-World Momentum Factor Index	Jul-2015	FTSE All-World Value Factor Index	Nov-2014		

FTSE All-World Universe

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, 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 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.