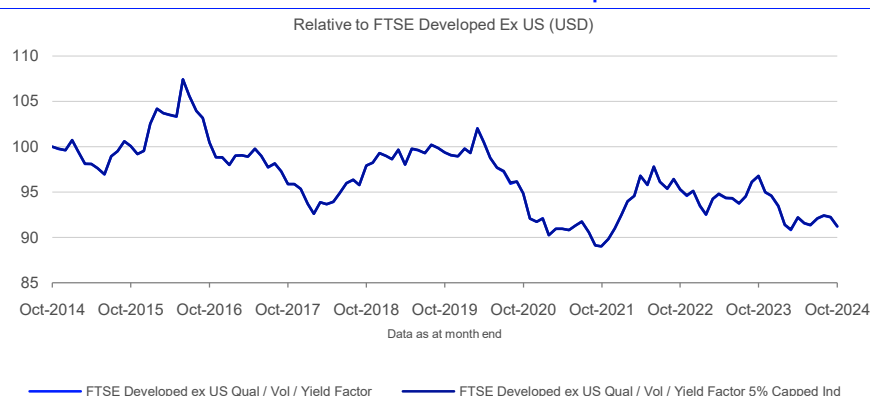


FTSE Developed ex US Qual/Vol/Yield Factor Indices

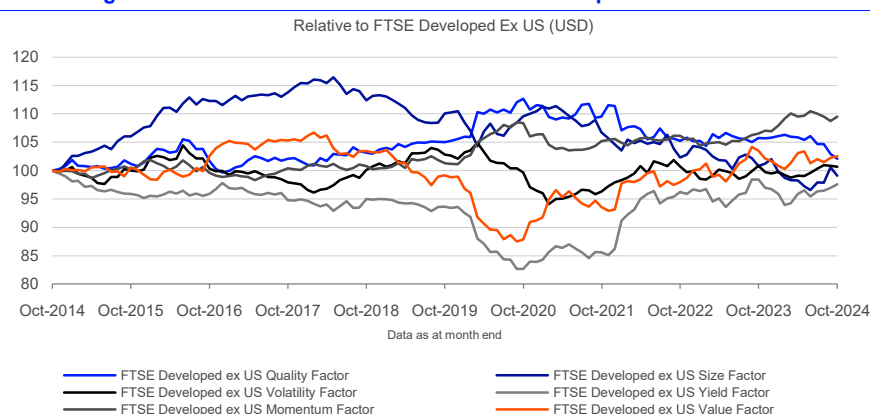
Data as at: 31 October 2024

The FTSE Global Factor Index Series is a new suite of benchmarks designed to represent the performance of specific individual factor characteristics and combinations of these factors. The factors represent common factor characteristics for which there is a broad academic and practitioner consensus, supported by a body of empirical evidence across different geographies and time periods.

10-Year Qual/Vol/Yield Performance relative to FTSE Developed ex US - Total Return



10-Year Single Factors Performance relative to FTSE Developed ex US - Total Return



FEATURES

Coverage

Derived from the FTSE Developed ex US index, which represents large and mid cap companies in Developed markets excluding the US.

Objective

The FTSE Global Factor Index series uses a common methodology to achieve controlled exposure to target factor(s), whilst considering levels of diversification and capacity.

Liquidity

Stocks in the universe index are screened to ensure that the index is tradable.

Capping

The company level capping is applied quarterly using prices as at the close of business on the second Friday in March, June, September and December.

Transparency

Index methodologies are freely available on the FTSE Russell website.

Availability

The index is calculated based on price and total return methodologies and available end-of-day and in some cases real-time (please see index rules for details).

Industry Classification Benchmark (ICB)

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Developed ex US Qual / Vol / Yield Factor	-2.3	3.0	3.0	16.6	11.1	28.2	3.6	5.1	10.2	13.8	16.0
FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind	-2.3	3.0	3.0	16.6	11.2	28.3	3.6	5.1	10.2	13.8	16.0
FTSE Developed ex US Quality Factor	-3.8	0.4	3.0	19.4	1.1	35.8	0.4	6.3	11.7	16.1	17.8
FTSE Developed ex US Size Factor	-0.1	5.0	3.7	21.6	0.7	25.8	0.2	4.7	13.3	16.5	19.6
FTSE Developed ex US Volatility Factor	-1.0	5.7	8.1	23.5	13.5	36.8	4.3	6.5	10.4	14.3	16.3
FTSE Developed ex US Yield Factor	0.0	5.9	7.7	22.6	23.7	45.6	7.4	7.8	11.0	15.7	18.8
FTSE Developed ex US Momentum Factor	-1.8	4.1	9.3	27.1	12.9	51.0	4.1	8.6	12.8	16.4	17.2
FTSE Developed ex US Value Factor	-0.8	3.5	7.7	22.5	18.9	44.5	5.9	7.6	12.2	16.6	19.7
FTSE Developed Ex US	-1.3	4.1	6.8	23.7	8.5	39.7	2.8	6.9	11.9	16.2	18.1

* Compound annual returns measured over 3 and 5 years respectively
** Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

Year-on-Year Performance - Total Return

Index % (USD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE Developed ex US Qual / Vol / Yield Factor	0.1	-2.0	2.7	21.9	-10.5	22.2	2.2	10.9	-10.7	18.0
FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind	0.2	-2.0	2.7	21.9	-10.5	22.2	2.2	10.9	-10.7	18.0
FTSE Developed ex US Quality Factor	-1.0	-1.3	1.6	28.8	-12.3	24.8	16.5	11.6	-19.3	19.4
FTSE Developed ex US Size Factor	-2.6	4.3	7.2	30.7	-15.7	19.6	10.2	5.9	-14.8	16.1
FTSE Developed ex US Volatility Factor	-0.3	-1.9	3.2	23.3	-10.9	23.7	4.1	13.6	-12.9	18.2
FTSE Developed ex US Yield Factor	-3.6	-5.8	6.3	22.6	-14.0	20.8	-1.2	14.9	-4.2	18.8
FTSE Developed ex US Momentum Factor	-5.1	-0.3	0.6	27.9	-13.8	23.5	15.9	11.0	-14.6	20.2
FTSE Developed ex US Value Factor	-4.3	-2.9	9.0	27.0	-15.8	17.6	1.7	14.1	-8.3	20.7
FTSE Developed Ex US	-4.0	-1.9	3.4	26.3	-14.1	22.6	10.2	11.8	-14.6	18.7

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Developed ex US Qual / Vol / Yield Factor	1.6	0.3	0.3	0.4	-7.2	-23.7	-33.2	-33.2
FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind	1.6	0.3	0.3	0.4	-7.2	-23.7	-33.3	-33.3
FTSE Developed ex US Quality Factor	1.6	0.0	0.4	0.4	-8.6	-31.4	-33.1	-33.1
FTSE Developed ex US Size Factor	1.6	0.0	0.2	0.3	-8.4	-30.6	-37.8	-40.6
FTSE Developed ex US Volatility Factor	2.2	0.3	0.4	0.4	-6.5	-25.2	-33.2	-33.2
FTSE Developed ex US Yield Factor	2.0	0.5	0.4	0.4	-6.2	-23.1	-38.8	-39.7
FTSE Developed ex US Momentum Factor	2.0	0.2	0.5	0.5	-10.4	-27.7	-32.7	-32.7
FTSE Developed ex US Value Factor	1.8	0.3	0.4	0.4	-8.4	-27.4	-39.2	-43.6
FTSE Developed Ex US	1.9	0.2	0.4	0.4	-8.5	-28.3	-34.7	-34.7

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table
Drawdown - based on daily data

INFORMATION

Index Universe

FTSE Developed ex US Index

Investability Screen

Actual free float and liquidity screen applied to underlying

Index Calculation

Indices calculated end-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD, EUR, GBP, JPY, AUD, Local

Review Dates

Annually in September. Additional review in March for Momentum Factor indices.

History

Available from September 2001

Top 10 Constituents - Qual/Vol/Yield

Constituent	Country/Market	ICB Industry	FTSE Developed ex US Qual / Vol / Yield Factor (Wgt %)	FTSE Developed Ex US (Wgt %)	Diff %
Novartis (REGD)	Switzerland	Health Care	4.55	1.08	3.47
Roche Hldgs (GENUS)	Switzerland	Health Care	3.53	1.04	2.48
BHP Group	Australia	Basic Materials	3.27	0.68	2.58
Nestle	Switzerland	Consumer Staples	2.80	1.18	1.62
Sanofi	France	Health Care	2.58	0.56	2.02
Unilever	UK	Consumer Staples	2.31	0.73	1.59
Samsung Electronics	Korea	Telecommunications	2.29	0.99	1.30
AstraZeneca	UK	Health Care	2.09	1.03	1.05
Rio Tinto	UK	Basic Materials	1.87	0.34	1.53
GSK	UK	Health Care	1.73	0.35	1.38
Totals			27.02	7.98	

ICB Industry Breakdown - Qual/Vol/Yield

		FTSE Developed ex US Qual / Vol / Yield Factor		FTSE Developed Ex US		
ICB Code	ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
10	Technology	16	1.53	109	8.24	-6.71
15	Telecommunications	31	9.39	40	3.84	5.55
20	Health Care	26	16.50	103	11.42	5.08
30	Financials	52	12.89	214	22.03	-9.14
35	Real Estate	53	1.85	104	2.43	-0.58
40	Consumer Discretionary	86	10.88	249	12.78	-1.90
45	Consumer Staples	64	13.28	118	6.90	6.38
50	Industrials	123	15.34	312	17.84	-2.50
55	Basic Materials	54	9.71	113	6.05	3.66
60	Energy	15	2.86	47	5.16	-2.30
65	Utilities	37	5.77	60	3.32	2.45
Totals		557	100.00	1469	100.00	

Country/Market Breakdown - Qual/Vol/Yield

	FTSE Developed ex US Qual / Vol / Yield Factor		FTSE Developed Ex US		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	45	11.11	104	6.83	4.28
Austria	3	0.13	7	0.19	-0.05
Belgium	1	0.13	13	0.86	-0.73
Canada	11	3.67	48	9.05	-5.38
Denmark	4	0.56	19	2.64	-2.08
Finland	6	1.28	14	0.85	0.43
France	25	10.90	67	8.88	2.02
Germany	23	5.63	67	7.39	-1.76
Hong Kong	29	2.92	70	1.94	0.98
Ireland	1	0.03	5	0.24	-0.21
Israel	13	0.59	29	0.59	0.01
Italy	12	1.52	36	2.54	-1.02
Japan	196	12.41	496	21.78	-9.38
Korea	26	4.00	157	4.04	-0.05
Netherlands	12	2.02	29	3.55	-1.53
New Zealand	7	0.43	13	0.26	0.17
Norway	7	0.72	16	0.51	0.21
Poland	1	0.14	10	0.26	-0.13
Portugal	2	0.18	4	0.14	0.04
Singapore	27	3.20	35	1.20	2.00
Spain	8	1.56	24	2.37	-0.81
Sweden	25	3.37	53	2.74	0.63
Switzerland	26	14.55	53	8.06	6.49
UK	47	18.94	100	13.06	5.88
Totals	557	100.00	1469	100.00	

Index Characteristics - FTSE Developed ex US Qual/Vol/Yield

Attributes	FTSE Developed ex US Qual / Vol / Yield Factor	FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind
Number of constituents	557	557
Dividend Yield %	3.92	3.92
Constituent (Wgt %)		
Average	0.18	0.18
Largest	4.55	4.55
Median	0.05	0.05
Top 10 Holdings (Wgt %)	27.02	27.02

Index Characteristics - FTSE Developed ex US Single Factors

Attributes	FTSE Developed ex US Quality Factor	FTSE Developed ex US Size Factor	FTSE Developed ex US Volatility Factor	FTSE Developed ex US Yield Factor
Number of constituents	719	996	469	650
Dividend Yield %	2.47	3.06	3.11	4.89
Constituent (Wgt %)				
Average	0.14	0.10	0.21	0.15
Largest	3.96	0.30	2.54	2.19
Median	0.04	0.09	0.10	0.06
Top 10 Holdings (Wgt %)	21.81	2.79	18.87	17.39

Index Characteristics - FTSE Developed ex US Single Factors (cont.)

Attributes	FTSE Developed ex US Momentum Factor	FTSE Developed ex US Value Factor	FTSE Developed Ex US
Number of constituents	1108	1173	1469
Dividend Yield %	2.86	4.16	3.00
Constituent (Wgt %)			
Average	0.09	0.09	0.07
Largest	2.39	2.86	1.67
Median	0.03	0.03	0.02
Top 10 Holdings (Wgt %)	13.90	16.17	11.56

© 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 ("WOFE") (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, WOFE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMR™", "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, WOFE, 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
info@ftserussell.com

To learn more, visit lseg.com/ftse-russell;
email info@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