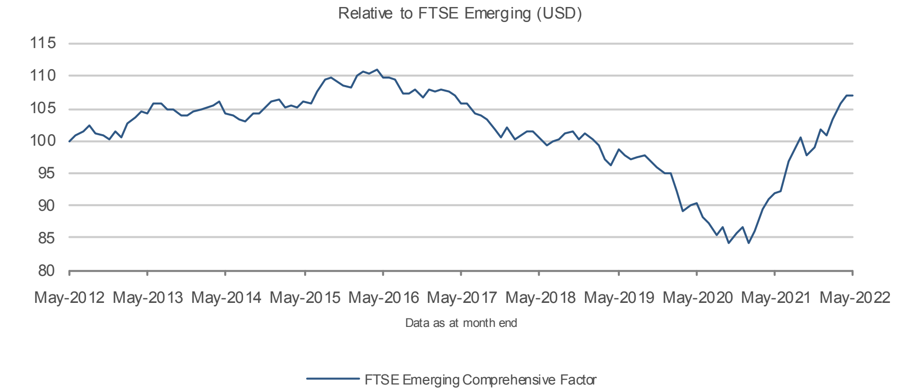
FTSE Emerging Comprehensive Factor Index

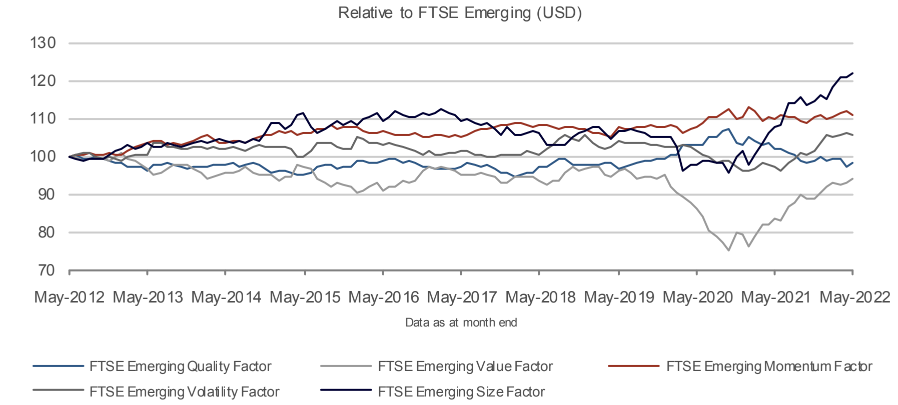
Data as at: 31 May 2022

The FTSE Emerging Comprehensive Factor Index is a benchmark designed to capture exposure to five factors – Quality, Value, Momentum, Low Volatility and Size. These 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 Comprehensive Factor Performance relative to FTSE Emerging - Total Return



10-Year Single Factors Performance relative to FTSE Emerging - Total Return



Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Emerging Comprehensive Factor	-3.6	-1.0	-5.3	-3.3	28.0	28.0	8.6	5.1	13.3	18.9	16.8
FTSE Emerging Quality Factor	-8.1	-9.4	-12.0	-20.1	19.7	27.6	6.2	5.0	18.9	21.2	16.5
FTSE Emerging Value Factor	-5.7	-3.4	-6.5	-6.3	15.4	24.9	4.9	4.6	14.6	20.6	17.6
FTSE Emerging Momentum Factor	-6.6	-7.8	-10.0	-16.1	21.7	33.7	6.8	6.0	17.2	21.4	17.2
FTSE Emerging Volatility Factor	-6.6	-4.5	-8.2	-9.8	19.8	32.0	6.2	5.7	14.5	18.6	15.4
FTSE Emerging Size Factor	-4.0	-2.7	-5.4	-6.0	35.2	41.1	10.6	7.1	13.9	20.2	18.6
FTSE Emerging	-7.1	-8.6	-10.1	-16.9	18.1	26.5	5.7	4.8	17.7	20.6	16.6

* 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

FEATURES

Coverage

Derived from the FTSE Emerging Index, which represents large and mid cap companies in Emerging markets.

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.

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.

Industry Classification Benchmark (ICB)

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

Year-on-Year Performance - Total Return

Index % (USD)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
FTSE Emerging Comprehensive Factor	26.4	-0.6	3.2	-13.6	13.1	25.4	-13.8	13.3	5.5	17.2
FTSE Emerging Quality Factor	17.1	-4.9	0.0	-13.7	13.3	30.9	-11.4	22.7	19.9	-2.9
FTSE Emerging Value Factor	17.3	-6.8	0.3	-18.3	20.0	27.0	-9.8	18.6	-3.3	13.8
FTSE Emerging Momentum Factor	19.9	0.1	2.8	-13.5	10.8	36.5	-14.1	21.5	18.1	0.8
FTSE Emerging Volatility Factor	18.9	-0.2	1.5	-15.9	13.1	31.4	-8.7	17.2	8.0	7.9
FTSE Emerging Size Factor	25.5	-1.5	6.4	-14.8	15.3	29.0	-13.9	18.3	11.4	14.7
FTSE Emerging	17.9	-3.5	1.6	-15.2	13.5	32.5	-13.0	20.6	15.5	0.1

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Emerging Comprehensive Factor	-0.2	0.4	0.3	0.4	-13.7	-36.9	-42.0	-42.0
FTSE Emerging Quality Factor	-1.0	0.2	0.3	0.3	-28.1	-32.4	-32.4	-34.9
FTSE Emerging Value Factor	-0.4	0.2	0.3	0.2	-17.5	-36.4	-38.3	-40.7
FTSE Emerging Momentum Factor	-0.9	0.2	0.3	0.4	-23.1	-34.2	-36.5	-36.5
FTSE Emerging Volatility Factor	-0.7	0.2	0.4	0.4	-18.1	-32.6	-33.2	-33.9
FTSE Emerging Size Factor	-0.4	0.4	0.4	0.4	-15.3	-38.1	-40.4	-40.4
FTSE Emerging	-0.9	0.2	0.3	0.3	-24.5	-33.4	-35.1	-35.7

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

Top 10 Constituents - Comprehensive Factor

Constituent	Country	ICB Industry	FTSE Emerging Comprehensive Factor (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Petrochina (H)	China	Energy	1.74	0.17	1.57
Reinet Investments	South Africa	Financials	0.84	0.04	0.80
MOL	Hungary	Energy	0.75	0.04	0.71
CGN Power (H)	China	Utilities	0.73	0.05	0.69
Acer	Taiwan	Technology	0.69	0.04	0.64
BUPA Arabia	Saudi Arabia	Financials	0.66	0.04	0.63
Itausa PN	Brazil	Financials	0.65	0.15	0.50
AU Optronics	Taiwan	Technology	0.59	0.09	0.50
China Railway Group (H)	China	Industrials	0.59	0.04	0.55
Lite-On Technology	Taiwan	Technology	0.58	0.07	0.50
Totals			**7.82**	**0.73**	

ICB Industry Breakdown - Comprehensive Factor

		FTSE Emerging Comprehensive Factor		FTSE Emerging		
ICB Code	ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
10	Technology	115	13.14	189	23.06	-9.92
15	Telecommunications	55	6.29	75	4.52	1.77
20	Health Care	73	3.65	155	3.51	0.14
30	Financials	196	12.66	304	22.80	-10.14
35	Real Estate	59	2.64	101	2.55	0.09
40	Consumer Discretionary	146	8.37	234	12.28	-3.92
45	Consumer Staples	104	8.91	155	6.21	2.70
50	Industrials	220	14.08	290	7.38	6.70
55	Basic Materials	154	10.58	206	7.92	2.66
60	Energy	76	10.79	91	6.50	4.30
65	Utilities	95	8.88	104	3.27	5.61
Totals		**1293**	**100.00**	**1904**	**100.00**	

INFORMATION

Index Universe
FTSE Emerging Index

Index Launch
28 September 2015

Base Date
20 September 2013

Base Value
1000

Investability Screen
Actual free float and liquidity screen applied to underlying

Index Calculation
Index 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

Country Breakdown - Comprehensive Factor

	FTSE Emerging Comprehensive Factor		FTSE Emerging		
Country	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Brazil	76	7.88	99	7.00	0.88
Chile	16	0.88	20	0.73	0.14
China	545	21.65	1054	33.65	-12.00
Colombia	7	0.21	9	0.30	-0.09
Czech Rep.	3	0.34	3	0.17	0.17
Egypt	6	0.58	7	0.10	0.49
Greece	8	0.98	12	0.35	0.63
Hungary	4	1.14	4	0.17	0.96
India	160	13.99	193	15.58	-1.59
Indonesia	27	1.94	35	1.95	-0.01
Kuwait	11	1.15	11	0.98	0.17
Malaysia	41	2.95	42	1.86	1.09
Mexico	37	5.86	37	2.72	3.15
Pakistan	4	0.22	4	0.02	0.20
Philippines	28	1.49	29	0.86	0.63
Qatar	17	1.61	18	1.14	0.47
Romania	3	0.53	3	0.07	0.46
Saudi Arabia	44	3.84	53	5.26	-1.42
South Africa	60	8.33	61	4.48	3.85
Taiwan	110	15.52	114	17.98	-2.47
Thailand	46	4.05	51	2.58	1.47
Turkey	24	3.49	27	0.42	3.07
UAE	16	1.38	18	1.62	-0.24
Totals	**1293**	**100.00**	**1904**	**100.00**	

Index Characteristics - FTSE Emerging Comprehensive Factor

Attributes	FTSE Emerging Comprehensive Factor
Number of constituents	1293
Dividend Yield %	4.40
Constituent (Wgt %)	
Average	0.08
Largest	1.74
Median	0.04
Top 10 Holdings (Wgt %)	7.82

Index Characteristics - FTSE Emerging Single Factors

Attributes	FTSE Emerging Quality Factor	FTSE Emerging Value Factor	FTSE Emerging Momentum Factor
Number of constituents	899	1334	1312
Dividend Yield %	3.44	5.33	3.45
Constituent (Wgt %)			
Average	0.11	0.08	0.08
Largest	17.30	4.12	6.92
Median	0.03	0.03	0.03
Top 10 Holdings (Wgt %)	39.34	19.53	18.53

Source: FTSE Russell as at 31 May 2022. Past performance is no guarantee of future results.
Returns shown before the index launch date reflect hypothetical historical performance. Please see disclaimer for important legal information.

Index Characteristics - FTSE Emerging Single Factors (cont.)

Attributes	FTSE Emerging Volatility Factor	FTSE Emerging Size Factor	FTSE Emerging
Number of constituents	494	1226	1904
Dividend Yield %	3.30	3.74	3.14
Constituent (Wgt %)			
Average	0.20	0.08	0.05
Largest	11.95	0.51	7.24
Median	0.08	0.04	0.02
Top 10 Holdings (Wgt %)	31.52	4.63	22.45

Data definitions available from info@ftserussell.com

To learn more, visit www.ftserussell.com; email info@ftserussell.com; or call your regional Client Services Team office:

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