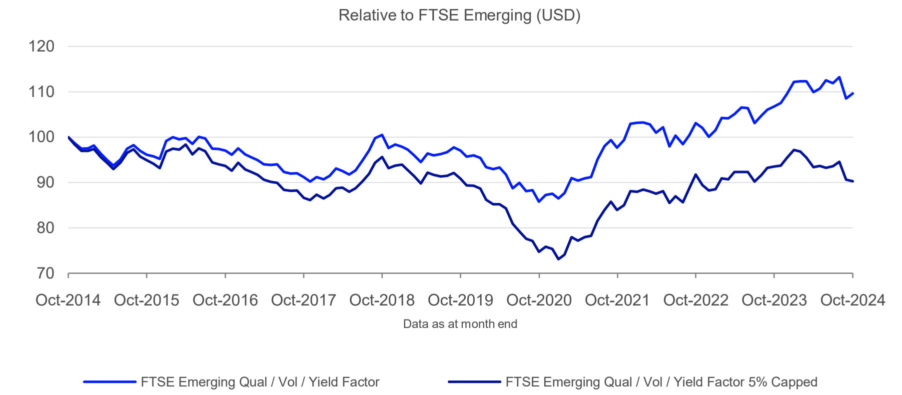
FTSE Emerging Qual/Vol/Yield Factor Indices

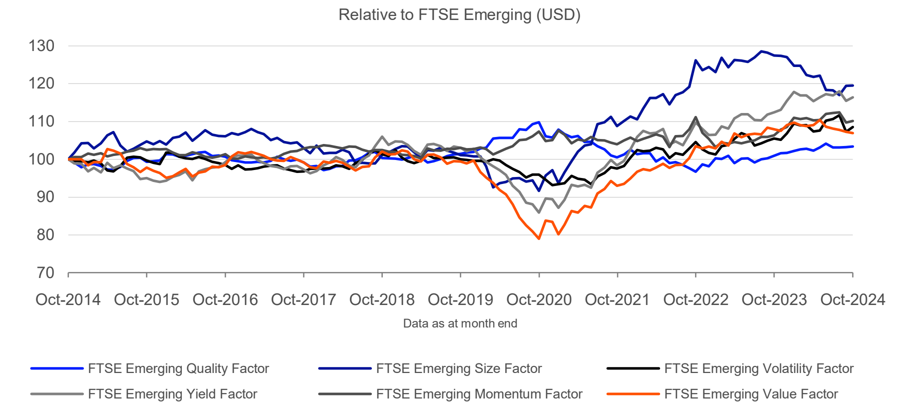
Data as at: 31 October 2024

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 Emerging - Total Return



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



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.

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.

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 Emerging Qual / Vol / Yield Factor	3.7	10.9	15.8	31.6	15.2	46.9	4.8	8.0	12.9	14.9	18.1
FTSE Emerging Qual / Vol / Yield Factor 5% Capped	2.1	7.5	9.4	23.7	10.4	29.2	3.4	5.3	10.8	13.9	17.1
FTSE Emerging Quality Factor	6.2	12.4	17.6	31.4	5.6	32.5	1.8	5.8	14.1	17.3	18.8
FTSE Emerging Size Factor	7.1	9.1	8.9	20.2	12.8	53.8	4.1	9.0	12.3	14.5	19.7
FTSE Emerging Volatility Factor	3.9	12.4	17.5	31.9	14.3	41.2	4.5	7.1	11.6	13.8	16.3
FTSE Emerging Yield Factor	5.5	12.2	16.7	32.8	21.5	46.9	6.7	8.0	13.1	15.4	17.8
FTSE Emerging Momentum Factor	3.9	11.1	17.4	32.8	8.8	39.0	2.9	6.8	12.1	14.5	18.0
FTSE Emerging Value Factor	4.8	9.1	13.4	27.0	18.0	39.9	5.7	6.9	12.9	15.6	18.3
FTSE Emerging	5.9	11.2	15.7	28.2	2.7	30.0	0.9	5.4	12.5	16.0	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 Emerging Qual / Vol / Yield Factor	-2.4	-17.1	16.2	24.0	-6.2	17.6	5.3	17.7	-19.2	19.4
FTSE Emerging Qual / Vol / Yield Factor 5% Capped	-3.3	-18.6	15.0	22.6	-6.6	14.9	-2.5	17.0	-16.8	18.0
FTSE Emerging Quality Factor	0.0	-13.7	13.3	30.9	-11.4	22.7	19.9	-2.9	-20.5	13.0
FTSE Emerging Size Factor	6.4	-14.8	15.3	29.0	-13.9	18.3	11.4	14.7	-7.2	11.4
FTSE Emerging Volatility Factor	1.5	-15.9	13.1	31.4	-8.7	17.2	8.0	7.9	-15.8	14.6
FTSE Emerging Yield Factor	-2.4	-19.4	22.0	27.0	-6.0	18.4	0.5	14.9	-13.8	18.3
FTSE Emerging Momentum Factor	2.8	-13.5	10.8	36.5	-14.1	21.5	18.1	0.8	-17.2	12.3
FTSE Emerging Value Factor	0.3	-18.3	20.0	27.0	-9.8	18.6	-3.3	13.8	-9.5	15.1
FTSE Emerging	1.6	-15.2	13.5	32.5	-13.0	20.6	15.5	0.1	-16.9	9.1

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Emerging Qual / Vol / Yield Factor	2.3	0.3	0.4	0.3	-10.5	-29.2	-35.3	-35.3
FTSE Emerging Qual / Vol / Yield Factor 5% Capped	2.1	0.3	0.3	0.2	-7.4	-26.3	-36.4	-36.5
FTSE Emerging Quality Factor	2.1	0.1	0.3	0.3	-10.4	-33.1	-41.9	-41.9
FTSE Emerging Size Factor	1.6	0.3	0.5	0.4	-8.0	-20.3	-38.1	-40.4
FTSE Emerging Volatility Factor	2.6	0.3	0.4	0.3	-7.9	-27.2	-32.6	-33.2
FTSE Emerging Yield Factor	2.4	0.5	0.4	0.3	-9.4	-27.0	-35.2	-38.5
FTSE Emerging Momentum Factor	2.6	0.2	0.4	0.3	-8.4	-25.0	-34.2	-36.5
FTSE Emerging Value Factor	2.0	0.4	0.4	0.3	-8.0	-24.1	-36.4	-40.1
FTSE Emerging	2.2	0.1	0.3	0.3	-8.1	-29.9	-34.8	-35.1

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

INFORMATION

Index Universe
FTSE Emerging Index

Base Date
18 September 2015

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

Top 10 Constituents - Qual/Vol/Yield

Constituent	Country/Market	ICB Industry	FTSE Emerging Qual / Vol / Yield Factor (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Taiwan Semiconductor Manufacturing	Taiwan	Technology	18.21	9.90	8.30
Infosys	India	Technology	3.10	0.94	2.16
Vale SA	Brazil	Basic Materials	2.13	0.53	1.60
Hon Hai Precision Industry	Taiwan	Technology	2.13	1.01	1.12
Saudi Aramco	Saudi Arabia	Energy	2.09	0.41	1.68
MediaTek	Taiwan	Technology	2.05	0.76	1.28
Tata Consultancy Services	India	Technology	1.65	0.63	1.03
Itausa PN	Brazil	Financials	1.63	0.13	1.50
HCL Technologies	India	Technology	1.38	0.28	1.10
Bank Central Asia	Indonesia	Financials	1.12	0.46	0.65
Totals			**35.49**	**15.05**	

ICB Industry Breakdown - Qual/Vol/Yield

		FTSE Emerging Qual / Vol / Yield Factor		FTSE Emerging		
ICB Code	**ICB Industry**	**No. of Cons**	**Wgt %**	**No. of Cons**	**Wgt %**	**Diff %**
10	Technology	46	34.46	230	27.45	7.01
15	Telecommunications	38	6.96	73	4.01	2.95
20	Health Care	39	2.21	183	3.47	-1.27
30	Financials	29	9.01	331	22.77	-13.77
35	Real Estate	26	2.32	95	2.15	0.17
40	Consumer Discretionary	83	6.72	273	11.79	-5.06
45	Consumer Staples	73	8.37	162	5.15	3.22
50	Industrials	129	7.34	376	8.10	-0.76
55	Basic Materials	68	6.29	249	5.73	0.57
60	Energy	57	10.39	113	5.70	4.69
65	Utilities	73	5.93	141	3.67	2.25
Totals		**661**	**100.00**	**2226**	**100.00**	

Country/Market Breakdown - Qual/Vol/Yield

	FTSE Emerging Qual / Vol / Yield Factor		FTSE Emerging		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Brazil	45	8.56	80	4.59	3.96
Chile	9	0.30	20	0.51	-0.21
China	277	17.12	1233	30.62	-13.50
Colombia	2	0.10	4	0.10	0.00
Czech Rep.	2	0.44	4	0.14	0.30
Egypt	-	-	1	0.05	-0.05
Greece	16	0.89	29	0.58	0.31
Hungary	3	0.54	5	0.26	0.28
Iceland	3	0.07	10	0.12	-0.04
India	46	13.99	243	22.22	-8.23
Indonesia	20	2.94	39	1.85	1.09
Kuwait	3	0.24	8	0.77	-0.54
Malaysia	23	2.65	39	1.89	0.76
Mexico	26	5.20	37	2.12	3.08
Philippines	9	0.57	23	0.68	-0.10
Qatar	10	1.07	17	0.89	0.18
Romania	4	0.42	7	0.15	0.27
Saudi Arabia	33	5.59	64	4.34	1.26
South Africa	16	2.07	40	3.37	-1.30
Taiwan	62	30.57	128	20.05	10.53
Thailand	29	3.13	49	2.01	1.12
Turkiye	8	0.38	114	1.04	-0.67
UAE	15	3.15	32	1.65	1.49
Totals	**661**	**100.00**	**2226**	**100.00**	

Index Characteristics - FTSE Emerging Qual/Vol/Yield

Attributes	FTSE Emerging Qual / Vol / Yield Factor	FTSE Emerging Qual / Vol / Yield Factor 5% Capped
Number of constituents	661	661
Dividend Yield %	4.32	4.78
Constituent (Wgt %)		
Average	0.15	0.15
Largest	18.21	5.40
Median	0.04	0.05
Top 10 Holdings (Wgt %)	35.49	25.40

Index Characteristics - FTSE Emerging Single Factors

Attributes	FTSE Emerging Quality Factor	FTSE Emerging Size Factor	FTSE Emerging Volatility Factor	FTSE Emerging Yield Factor
Number of constituents	683	1674	524	178
Dividend Yield %	2.35	3.07	3.07	6.00
Constituent (Wgt %)				
Average	0.15	0.06	0.19	0.56
Largest	17.73	0.95	16.03	3.76
Median	0.05	0.02	0.08	0.35
Top 10 Holdings (Wgt %)	38.85	4.61	34.31	25.86

Index Characteristics - FTSE Emerging Single Factors (cont.)

Attributes	FTSE Emerging Momentum Factor	FTSE Emerging Value Factor	FTSE Emerging
Number of constituents	1150	1355	2226
Dividend Yield %	2.66	4.62	2.70
Constituent (Wgt %)			
Average	0.09	0.07	0.04
Largest	14.33	3.82	9.90
Median	0.03	0.03	0.01
Top 10 Holdings (Wgt %)	30.31	19.66	25.19

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