

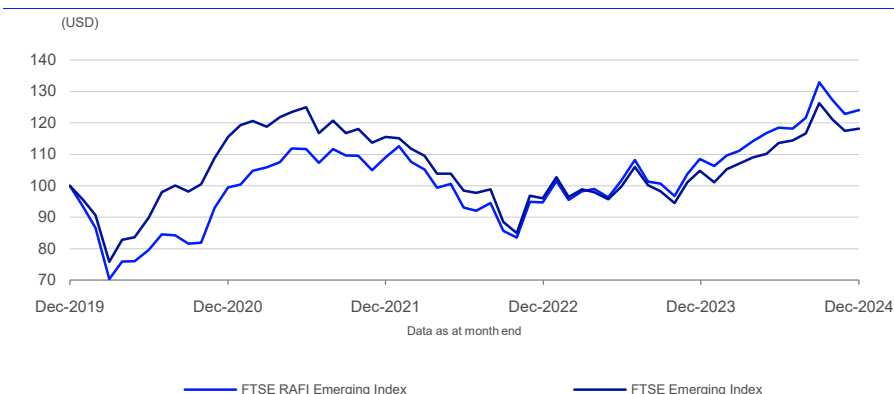
# FTSE RAFI™ Emerging Index

Data as at: 31 December 2024

FTSE partners with Research Affiliates on the FTSE RAFI Index Series. Index constituents are weighted using a composite of fundamental factors, including total cash dividends, free cash flow, total sales and book equity value. Prices and market values are not determinants of the index weights. Consequently the indices are less prone to excessive concentration arising from market fads, which can result in over-exposure to individual companies, sectors or countries.

The FTSE RAFI Emerging Index comprises 350 companies with the largest RAFI fundamental scores selected from the FTSE Emerging All Cap Index.

## 5-Year Performance - 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 RAFI Emerging Index	-6.7	4.7	14.3	14.3	13.8	24.0	4.4	4.4	14.5	17.5	19.2
FTSE Emerging Index	-6.5	4.0	12.8	12.8	2.2	18.1	0.7	3.4	12.3	15.9	17.9

\* 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)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
FTSE RAFI Emerging Index	-21.3	33.9	26.9	-7.8	17.6	-0.5	9.6	-13.2	14.7	14.3
FTSE Emerging Index	-15.2	13.5	32.5	-13	20.6	15.5	0.1	-16.9	9.1	12.8

## Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE RAFI Emerging Index	0.9	0.2	0.2	0.3	-10.7	-28.7	-37.5	-41.7
FTSE Emerging Index	1.0	0.1	0.2	0.3	-8.8	-28.9	-34.8	-35.1

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

Drawdown – based on daily data

## FEATURES

### Coverage

Companies with the top 350 RAFI fundamental scores, selected from FTSE Emerging All Cap Index.

### Objective

The index is designed for use in the creation of a range of financial products, including index-linked funds, ETFs and over-the-counter (OTC) products.

### Liquidity

Stocks 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.

### Industry Classification Benchmark (ICB)

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

### Methodology

See [www.ftserussell.com](http://www.ftserussell.com) for a full explanation of the FTSE RAFI methodology.

Top 10 Constituents - FTSE RAFI Emerging Index

Constituent	Country/Market	ICB Sector	FTSE RAFI Emerging (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Taiwan Semiconductor Manufacturing	Taiwan	Technology Hardware and Equipment	6.74	10.32	-3.58
Alibaba Group Holding (P Chip)	China	Retailers	4.26	2.36	1.90
Tencent Holdings (P Chip)	China	Software and Computer Services	3.43	4.36	-0.92
Industrial and Commercial Bank of China (H)	China	Banks	3.04	0.69	2.34
China Construction Bank (H)	China	Banks	2.76	1.02	1.74
Ping An Insurance (H)	China	Life Insurance	2.41	0.50	1.91
Bank of China (H)	China	Banks	2.03	0.56	1.47
Petrobras PN	Brazil	Oil, Gas and Coal	1.95	0.42	1.53
Vale SA	Brazil	Industrial Metals and Mining	1.72	0.42	1.30
JD.com (P Chip)	China	Retailers	1.59	0.58	1.01
Totals			29.93	21.23	

Country/Market Breakdown

Country/Market	FTSE RAFI Emerging		FTSE Emerging		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Brazil	45	10.18	81	4.04	6.13
Chile	3	0.31	20	0.53	-0.23
China	143	43.96	1233	30.80	13.16
Colombia	-	-	4	0.11	-0.11
Czech Rep.	-	-	4	0.14	-0.14
Egypt	-	-	1	0.05	-0.05
Greece	-	-	29	0.61	-0.61
Hungary	-	-	5	0.28	-0.28
Iceland	-	-	9	0.09	-0.09
India	51	11.53	244	22.15	-10.62
Indonesia	7	1.09	39	1.67	-0.58
Kuwait	-	-	8	0.81	-0.81
Malaysia	5	0.74	39	1.95	-1.22
Mexico	11	1.91	37	2.03	-0.12
Philippines	-	-	23	0.62	-0.62
Qatar	-	-	17	0.93	-0.93
Romania	-	-	7	0.14	-0.14
Saudi Arabia	15	2.49	65	4.59	-2.11
South Africa	24	3.94	40	3.16	0.79
Taiwan	63	18.86	128	20.31	-1.45
Thailand	18	3.30	50	1.95	1.35
Turkiye	11	1.70	115	1.16	0.55
UAE	-	-	33	1.87	-1.87
Totals	396	100.00	2231	100.00	

INFORMATION

Index Universe

FTSE Emerging All Cap Index

Index Launch

9 July 2007

Base Date

19 March 2007

Base Value

5000

Index Calculation

Real-time and end-of-day indices available

End-of-Day Distribution

Via FTP and email

Currency

USD, EUR, GBP, JPY, AUD, Local

Review Dates

Annually in March

ICB Supersector Breakdown

		FTSE RAFI Emerging		FTSE Emerging		
ICB Code	ICB Supersector	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
1010	Technology	49	21.86	230	27.81	-5.94
1510	Telecommunications	18	3.99	74	4.34	-0.34
2010	Health Care	10	0.85	184	3.47	-2.62
3010	Banks	78	24.07	170	17.31	6.76
3020	Financial Services	21	2.25	116	2.89	-0.63
3030	Insurance	15	5.22	45	3.02	2.20
3510	Real Estate	11	1.42	95	2.16	-0.74
4010	Automobiles and Parts	9	1.82	71	2.81	-0.98
4020	Consumer Products and Services	10	1.06	82	2.42	-1.36
4030	Media	2	0.12	31	0.32	-0.20
4040	Retailers	7	6.44	48	4.27	2.17
4050	Travel and Leisure	5	1.04	42	1.82	-0.78
4510	Food, Beverage and Tobacco	14	2.10	114	3.39	-1.29
4520	Personal Care, Drug and Grocery Stores	7	0.96	48	1.61	-0.64
5010	Construction and Materials	15	2.11	84	2.02	0.09
5020	Industrial Goods and Services	19	3.30	292	6.07	-2.77
5510	Basic Resources	32	6.34	141	3.60	2.74
5520	Chemicals	12	1.17	108	1.63	-0.46
6010	Energy	38	11.32	113	5.56	5.76
6510	Utilities	24	2.54	143	3.49	-0.95
Totals		396	100.00	2231	100.00	

Index Characteristics

Attributes	FTSE RAFI Emerging	FTSE Emerging
Number of constituents	396	2231
Dividend Yield %	4.58	2.74
Constituent (Wgt %)		
Average	0.25	0.04
Largest	6.74	10.32
Median	0.12	0.01
Top 10 Holdings (Wgt %)	29.93	25.08



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