

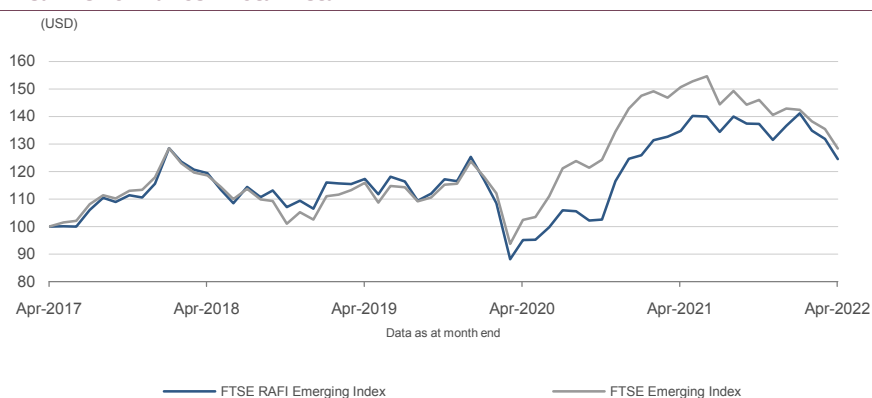
FTSE RAFI™ Emerging Index

Data as at: 29 April 2022

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	-11.7	-9.3	-8.9	-7.6	6.1	24.5	2.0	4.5	17.0	21.6	18.2
FTSE Emerging Index	-9.8	-12.0	-10.2	-14.7	10.8	28.4	3.5	5.1	17.0	20.5	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

Year-on-Year Performance - Total Return

Index % (USD)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
FTSE RAFI Emerging Index	15.6	-6.8	-4.7	-21.3	33.9	26.9	-7.8	17.6	-0.5	9.6
FTSE Emerging Index	17.9	-3.5	1.6	-15.2	13.5	32.5	-13	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 RAFI Emerging Index	-0.5	0.1	0.2	0.2	-18.7	-37.5	-38.9	-45.4
FTSE Emerging Index	-0.9	0.1	0.3	0.2	-22.3	-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

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 for a full explanation of the FTSE RAFI methodology.

Top 10 Constituents - FTSE RAFI Emerging Index

Constituent	Country	ICB Sector	FTSE RAFI Emerging (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Taiwan Semiconductor Manufacturing	Taiwan	Technology Hardware and Equipment	4.13	6.82	-2.69
Alibaba Group Holding (P Chip)	China	Retailers	3.24	2.88	0.36
Vale SA	Brazil	Industrial Metals and Mining	2.23	1.08	1.16
Tencent Holdings (P Chip)	China	Software and Computer Services	2.21	4.49	-2.28
China Construction Bank (H)	China	Banks	2.21	1.04	1.17
Industrial and Commercial Bank of China (H)	China	Banks	2.02	0.74	1.28
Ping An Insurance (H)	China	Life Insurance	1.97	0.61	1.37
Reliance Industries	India	Oil, Gas and Coal	1.92	1.86	0.06
Petrobras PN	Brazil	Oil, Gas and Coal	1.71	0.53	1.18
Itau Unibanco Holding SA	Brazil	Banks	1.49	0.36	1.13
Totals			23.13	20.41	

Country Breakdown

Country	FTSE RAFI Emerging		FTSE Emerging		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Brazil	46	15.24	99	6.58	8.66
Chile	7	0.73	20	0.62	0.11
China	144	37.43	1060	33.28	4.15
Colombia	-	-	9	0.26	-0.26
Czech Rep.	-	-	3	0.16	-0.16
Egypt	-	-	7	0.10	-0.10
Greece	-	-	12	0.36	-0.36
Hungary	-	-	4	0.20	-0.20
India	44	12.63	193	16.59	-3.96
Indonesia	7	1.67	35	2.03	-0.36
Kuwait	-	-	11	1.03	-1.03
Malaysia	4	0.49	42	1.90	-1.41
Mexico	8	2.96	37	2.60	0.36
Pakistan	-	-	4	0.02	-0.02
Philippines	-	-	28	0.85	-0.85
Qatar	-	-	18	1.20	-1.20
Romania	-	-	3	0.07	-0.07
Saudi Arabia	12	3.47	53	5.64	-2.17
South Africa	27	4.75	60	4.43	0.31
Taiwan	50	13.92	114	17.31	-3.39
Thailand	19	4.24	52	2.52	1.72
Turkey	12	2.47	27	0.47	2.00
UAE	-	-	18	1.75	-1.75
Totals	380	100.00	1909	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

ICB Code	ICB Supersector	FTSE RAFI Emerging		FTSE Emerging		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
1010	Technology	37	14.44	189	22.33	-7.89
1510	Telecommunications	16	4.21	76	4.67	-0.46
2010	Health Care	9	0.85	155	3.62	-2.77
3010	Banks	75	24.20	159	16.59	7.61
3020	Financial Services	21	3.03	109	3.85	-0.82
3030	Insurance	16	5.08	36	2.70	2.38
3510	Real Estate	13	3.38	102	2.67	0.71
4010	Automobiles and Parts	14	2.16	59	2.86	-0.70
4020	Consumer Products and Services	10	1.46	77	2.91	-1.45
4030	Media	1	0.15	16	0.21	-0.06
4040	Retailers	12	5.43	46	5.21	0.22
4050	Travel and Leisure	2	0.55	37	1.03	-0.48
4510	Food, Beverage and Tobacco	10	2.49	111	4.28	-1.80
4520	Personal Care, Drug and Grocery Stores	9	1.26	44	1.85	-0.60
5010	Construction and Materials	15	3.19	63	2.07	1.12
5020	Industrial Goods and Services	15	1.59	229	5.42	-3.82
5510	Basic Resources	30	7.16	112	5.05	2.12
5520	Chemicals	13	2.46	94	2.95	-0.50
6010	Energy	38	13.36	91	6.45	6.91
6510	Utilities	24	3.55	104	3.27	0.28
Totals		380	100.00	1909	100.00	

Index Characteristics

Attributes	FTSE RAFI Emerging	FTSE Emerging
Number of constituents	380	1909
Dividend Yield %	5.03	2.92
Constituent (Wgt %)		
Average	0.26	0.05
Largest	4.13	6.82
Median	0.15	0.02
Top 10 Holdings (Wgt %)	23.13	22.34



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