

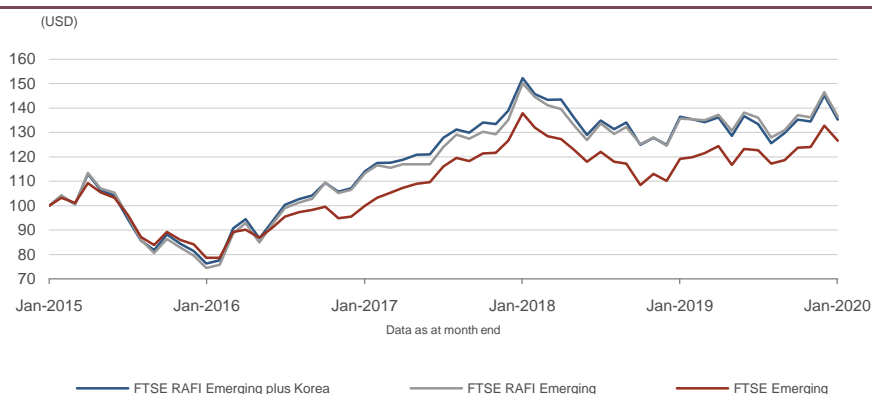
FTSE RAFI™ Emerging plus Korea Index

Data as at: 31 January 2020

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 plus Korea Index comprises the 350 companies with the largest RAFI fundamental values, selected from the constituents of the FTSE RAFI Emerging Index and including South Korea.

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 plus Korea	0.0	1.4	-6.8	-0.8	18.5	35.3	5.8	6.2	11.8	14.6	18.7
FTSE RAFI Emerging	-0.4	0.3	-6.8	0.7	20.6	36.6	6.4	6.4	11.5	14.5	19.1
FTSE Emerging	2.4	3.3	-4.6	6.3	26.7	26.7	8.2	4.8	11.0	14.4	15.5

* 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)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
FTSE RAFI Emerging plus Korea	19.6	-16.6	16.5	-4.8	-6.3	-19.0	31.5	29.7	-10.1	16.3
FTSE RAFI Emerging	18.3	-17.9	15.6	-6.8	-4.7	-21.3	33.9	26.9	-7.8	17.6
FTSE Emerging	19.8	-19.0	17.9	-3.5	1.6	-15.2	13.5	32.5	-13.0	20.6

FEATURES

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 rules are freely available on the FTSE website.

Availability

The index is calculated based on price and total return methodologies.

Industry Classification Benchmark

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

Methodology

See www.ftse.com for a full explanation of the FTSE RAFI methodology.

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE RAFI Emerging plus Korea	-0.1	0.5	0.3	0.2	-12.3	-20.7	-39.4	-44.8
FTSE RAFI Emerging	0.1	0.5	0.3	0.2	-11.2	-19.9	-41.7	-47.3
FTSE Emerging	0.6	0.6	0.3	0.3	-9.1	-24.2	-34.9	-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 - FTSE RAFI Emerging plus Korea

Constituent	Country	ICB Sector	FTSE RAFI Emerging plus Korea (Wgt %)	FTSE RAFI Emerging (Wgt %)	Diff %
Samsung Electronics	Korea	Technology Hardware & Equipment	6.39	-	6.39
Taiwan Semiconductor Manufacturing	Taiwan	Technology Hardware & Equipment	4.03	4.75	-0.72
China Construction Bank (H)	China	Banks	3.48	4.10	-0.62
Industrial and Commercial Bank of China (H)	China	Banks	2.47	2.90	-0.44
LUKOIL Oil company	Russia	Oil & Gas Producers	2.39	2.82	-0.43
Gazprom	Russia	Oil & Gas Producers	1.96	2.31	-0.35
Bank of China (H)	China	Banks	1.73	2.04	-0.31
Sberbank	Russia	Banks	1.64	1.93	-0.29
China Mobile (Red Chip)	China	Mobile Telecommunications	1.59	1.87	-0.28
Vale SA	Brazil	Industrial Metals & Mining	1.39	1.63	-0.25
Totals			27.07	24.35	

Country Breakdown

Country	FTSE RAFI Emerging plus Korea		FTSE RAFI Emerging		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Brazil	38	10.55	49	13.43	-2.88
Chile	8	0.61	9	0.79	-0.18
China	77	26.01	98	32.12	-6.11
India	32	6.93	38	8.55	-1.62
Indonesia	8	1.49	11	1.98	-0.49
Korea	75	19.21	-	-	19.21
Malaysia	8	1.06	9	1.32	-0.26
Mexico	12	3.49	12	4.11	-0.62
Russia	17	9.34	19	11.18	-1.84
South Africa	30	5.04	36	6.50	-1.46
Taiwan	40	11.68	48	14.45	-2.77
Thailand	16	2.72	16	3.20	-0.48
Turkey	12	1.87	14	2.38	-0.51
Totals	373	100.00	359	100.00	

INFORMATION

Index Universe

FTSE Emerging All Cap + FTSE Korea All Cap Indices

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 plus Korea		FTSE RAFI Emerging		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
0500	Oil & Gas	32	14.13	35	16.57	-2.44
1300	Chemicals	13	1.94	10	1.72	0.22
1700	Basic Resources	31	6.51	35	7.19	-0.68
2300	Construction & Materials	21	2.82	13	2.69	0.13
2700	Industrial Goods & Services	27	3.75	19	3.34	0.41
3300	Automobiles & Parts	14	3.12	11	1.45	1.67
3500	Food & Beverage	12	2.29	10	2.62	-0.33
3700	Personal & Household Goods	14	1.59	9	1.09	0.51
4500	Health Care	6	0.51	8	0.77	-0.26
5300	Retail	24	4.15	24	4.78	-0.63
5500	Media	1	0.18	1	0.21	-0.03
5700	Travel & Leisure	7	0.72	7	0.81	-0.09
6500	Telecommunications	19	6.31	18	7.15	-0.84
7500	Utilities	18	2.40	25	2.83	-0.43
8300	Banks	57	22.98	54	25.23	-2.26
8500	Insurance	18	3.91	15	4.29	-0.38
8600	Real Estate	15	2.54	18	3.22	-0.68
8700	Financial Services	17	2.28	21	3.08	-0.80
9500	Technology	27	17.86	26	10.96	6.91
Totals		373	100.00	359	100.00	

Index Characteristics

Attributes	FTSE RAFI Emerging plus Korea	FTSE RAFI Emerging
Number of constituents	373	359
Dividend Yield %	4.16	4.45
Constituent (Wgt %)		
Average	0.27	0.28
Largest	6.39	4.75
Median	0.13	0.14
Top 10 Holdings (Wgt %)	27.07	25.78



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