

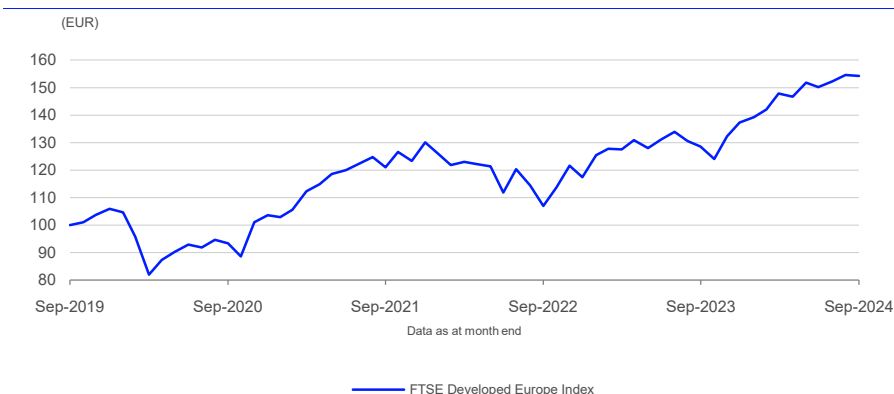
FTSE RAFI™ Europe Index

Data as at: 30 September 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 Europe Index comprises European stocks with the largest RAFI fundamental scores selected from the FTSE RAFI Developed ex US 1000 Index.

5-Year Performance - Total Return



Performance and Volatility - Total Return

Index (EUR)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Developed Europe Index	2.7	4.3	12.4	19.9	27.5	54.2	8.4	9.1	10.3	12.7	15.7

* 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 % (EUR)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE RAFI Europe Index	6.9	4	7.3	11.2	-10.6	22.1	-8.2	27.3	-3.4	17.1
FTSE Developed Europe Index	7.4	9.3	3.1	11.1	-10.1	26.9	-2.2	25.5	-9.7	16.9

Return/Risk Ratio and Drawdown - Total Return

Index (EUR)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE RAFI Europe Index	1.8	0.8	0.5	0.4	-7.3	-17.8	-39.3	-39.3
FTSE Developed Europe Index	1.9	0.7	0.6	0.5	-7.0	-20.0	-35.4	-35.4

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

Drawdown - based on daily data

FEATURES

Coverage

The index covers the following markets:
Austria, Belgium/Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

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 Europe Index (% Weight)

Constituent	Country/Market	ICB Sector	FTSE RAFI Europe (Wgt %)	FTSE Developed Europe (Wgt %)	Diff %
Shell	United Kingdom	Oil, Gas and Coal	3.88	1.73	2.15
TotalEnergies SE	France	Oil, Gas and Coal	2.19	1.11	1.09
BP	United Kingdom	Oil, Gas and Coal	1.70	0.73	0.97
HSBC Hldgs	United Kingdom	Banks	1.65	1.40	0.25
Roche Hldgs (GENUS)	Switzerland	Pharmaceuticals and Biotechnology	1.62	1.87	-0.26
Nestle	Switzerland	Food Producers	1.47	2.19	-0.71
Allianz SE	Germany	Nonlife Insurance	1.44	1.08	0.35
Novartis (REGD)	Switzerland	Pharmaceuticals and Biotechnology	1.33	1.98	-0.65
Sanofi	France	Pharmaceuticals and Biotechnology	1.29	1.07	0.22
Unilever	United Kingdom	Personal Care, Drug and Grocery Stores	1.28	1.35	-0.07
Totals			17.85	14.51	

Country/Market Breakdown

Country/Market	FTSE RAFI Europe		FTSE Developed Europe		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Austria	7	0.53	7	0.34	0.20
Belgium	11	1.27	13	1.55	-0.27
Denmark	15	1.79	19	4.82	-3.03
Finland	19	2.24	14	1.59	0.65
France	65	15.83	67	16.45	-0.63
Germany	65	16.39	67	13.41	2.98
Ireland	4	0.34	5	0.46	-0.12
Italy	30	6.61	36	4.51	2.11
Netherlands	29	4.82	29	6.98	-2.16
Norway	13	1.33	16	0.91	0.42
Poland	5	0.33	10	0.50	-0.17
Portugal	4	0.46	4	0.27	0.18
Spain	26	5.71	24	4.32	1.39
Sweden	44	4.39	53	5.23	-0.85
Switzerland	42	10.19	53	14.79	-4.59
UK	108	27.76	100	23.87	3.90
Totals	487	100.00	517	100.00	

INFORMATION

Index Universe

European constituents of the FTSE RAFI Developed ex US 1000 Index

Index Launch

4 May 2006

Base Date

30 December 2005

Base Value

5000

Index Calculation

End of day

End-of-Day Distribution

Via FTP and email

Currency

Euro

Review Dates

Annually in March

ICB Supersector Breakdown

		FTSE RAFI Europe		FTSE Developed Europe		
ICB Code	ICB Supersector	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
1010	Technology	20	2.33	22	7.80	-5.47
1510	Telecommunications	18	4.42	19	2.65	1.76
2010	Health Care	30	9.79	51	15.94	-6.15
3010	Banks	44	16.02	40	9.30	6.72
3020	Financial Services	27	3.05	28	4.12	-1.07
3030	Insurance	31	7.26	30	5.73	1.53
3510	Real Estate	18	1.48	21	1.22	0.26
4010	Automobiles and Parts	14	3.64	13	2.05	1.59
4020	Consumer Products and Services	28	3.20	26	5.94	-2.74
4030	Media	10	1.08	11	1.90	-0.82
4040	Retailers	10	0.92	10	1.06	-0.15
4050	Travel and Leisure	11	0.68	10	1.04	-0.36
4510	Food, Beverage and Tobacco	20	5.32	27	6.31	-0.99
4520	Personal Care, Drug and Grocery Stores	14	3.27	13	2.93	0.34
5010	Construction and Materials	21	3.51	23	3.75	-0.24
5020	Industrial Goods and Services	83	9.92	92	14.03	-4.12
5510	Basic Resources	22	4.53	19	2.49	2.03
5520	Chemicals	21	2.72	18	2.57	0.15
6010	Energy	21	10.70	17	5.07	5.63
6510	Utilities	24	6.17	27	4.09	2.08
Totals		487	100.00	517	100.00	

Index Characteristics

Attributes	FTSE RAFI Europe	FTSE Developed Europe
Number of constituents	487	517
Dividend Yield %	4.13	3.09
Constituent (Wgt %)		
Average	0.21	0.19
Largest	3.88	3.07
Median	0.08	0.07
Top 10 Holdings (Wgt %)	17.84	20.68



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