

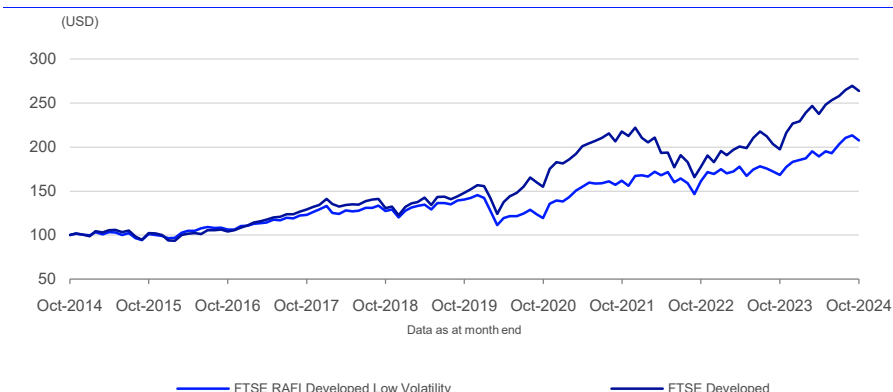
FTSE RAFI™ Developed Low Volatility Index

Data as at: 31 October 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 indexes 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 Low Volatility Index Series represents a complementary offering to the existing FTSE RAFI Index Series by applying the FTSE RAFI index methodology to a universe of low volatility securities. Global, Developed, Emerging and regional and single country indexes are available.

10-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 Developed Low Volatility	2.1	9.7	13.3	23.4	28.1	47.8	8.6	8.1	7.8	12.1	15.7
FTSE Developed	2.3	11.0	16.3	33.6	21.1	78.4	6.6	12.3	10.5	16.4	17.8

* 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 RAFI Developed Low Volatility	8.4	-1.2	11.4	16.9	-6.9	21.1	-4.2	20.1	1.2	8.1
FTSE Developed	5.1	-0.3	8.2	23.9	-8.6	28.0	16.7	21.4	-17.8	24.2

FEATURES

Coverage

Global, Developed, Emerging and regional and single country indexes are available.

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 Russell website.

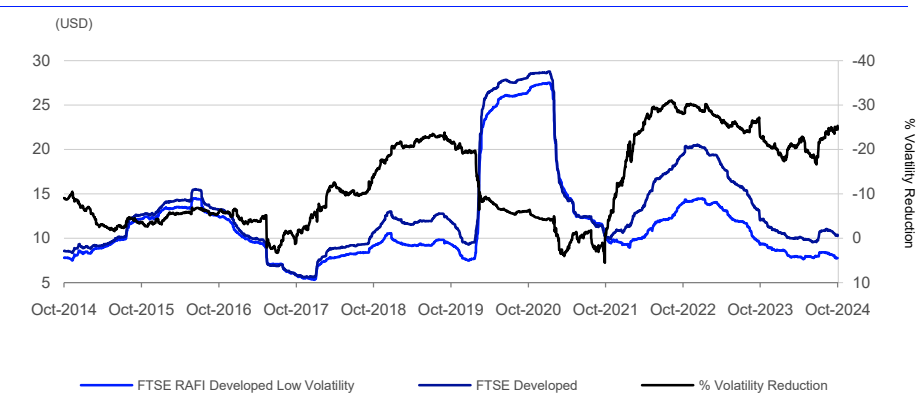
Availability

The index is calculated based on price and total return methodologies, available end-of-day. Net of tax indexes are also available.

Industry Classification Benchmark

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

Annualised Rolling 252 Day Volatility - Total Return



Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE RAFI Developed Low Volatility	2.9	0.7	0.5	0.6	-4.8	-17.1	-34.7	-34.7
FTSE Developed	3.1	0.4	0.7	0.7	-8.2	-26.1	-34.0	-34.0

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 Developed Low Volatility

Constituent	Country/Market	ICB Sector	FTSE RAFI Developed Low Volatility (Wgt %)	FTSE Developed (Wgt %)	Diff %
Berkshire Hathaway B	USA	Investment Banking and Brokerage Services	3.91	0.84	3.06
Exxon Mobil Corporation	USA	Oil Gas and Coal	3.76	0.75	3.01
Walmart	USA	Retailers	2.50	0.51	1.99
AT&T	USA	Telecommunications Service Providers	2.34	0.23	2.11
Verizon Communications	USA	Telecommunications Service Providers	2.30	0.25	2.04
Chevron	USA	Oil Gas and Coal	2.23	0.37	1.86
Johnson & Johnson	USA	Pharmaceuticals and Biotechnology	1.97	0.55	1.42
HSBC Hldgs	UK	Banks	1.77	0.24	1.53
Berkshire Hathaway - CL A	USA	Investment Banking and Brokerage Services	1.55	0.34	1.21
AbbVie Inc	USA	Pharmaceuticals and Biotechnology	1.53	0.52	1.02
Totals			23.86	4.60	

INFORMATION

Index Universe

FTSE Developed All Cap Index

Index Launch

26 June 2014

Base Date

23 December 2013

Base Value

5000

Index Calculation

End-of-Day indexes available

End-of-Day Distribution

Via FTP and email

Currency

USD, GBP, JPY, EUR, AUD, CAD, HKD

Review Dates

Quarterly in March, June, September & December

History

Available from 2003

Country/Market Breakdown

	FTSE RAFI Developed Low Volatility		FTSE Developed		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	14	1.02	104	2.01	-1.00
Austria	-	-	7	0.05	-0.05
Belgium	4	0.28	13	0.25	0.02
Canada	20	2.67	48	2.67	0.00
Denmark	4	0.31	19	0.78	-0.46
Finland	6	1.12	14	0.25	0.87
France	13	4.41	67	2.62	1.79
Germany	12	3.55	67	2.18	1.38
Hong Kong	9	0.61	70	0.57	0.04
Ireland	1	0.02	5	0.07	-0.05
Israel	-	-	29	0.17	-0.17
Italy	4	1.49	36	0.75	0.74
Japan	33	6.28	496	6.42	-0.14
Korea	3	0.31	157	1.19	-0.89
Netherlands	5	0.80	29	1.05	-0.25
New Zealand	-	-	13	0.08	-0.08
Norway	5	0.34	16	0.15	0.19
Poland	-	-	10	0.08	-0.08
Portugal	2	0.18	4	0.04	0.14
Singapore	4	0.44	35	0.35	0.08
Spain	5	0.30	24	0.70	-0.40
Sweden	10	1.15	53	0.81	0.34
Switzerland	14	3.39	53	2.37	1.01
UK	24	6.48	100	3.85	2.63
USA	186	64.87	548	70.53	-5.66
Totals	378	100.00	2017	100.00	

ICB Supersector Breakdown

		FTSE RAFI Developed Low Volatility		FTSE Developed		
ICB Code	ICB Supersector	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
1010	Technology	19	4.11	192	28.02	-23.91
1510	Telecommunications	20	8.86	49	2.64	6.22
2010	Health Care	44	15.47	167	10.99	4.48
3010	Banks	16	4.51	111	6.08	-1.57
3020	Financial Services	9	5.85	93	4.90	0.94
3030	Insurance	33	7.46	83	3.15	4.32
3510	Real Estate	21	2.29	138	2.36	-0.07
4010	Automobiles and Parts	1	0.10	59	2.22	-2.12
4020	Consumer Products and Services	11	1.26	101	2.58	-1.33
4030	Media	9	1.61	37	1.37	0.24
4040	Retailers	16	6.47	58	5.58	0.89
4050	Travel and Leisure	4	0.82	72	1.81	-0.98
4510	Food Beverage and Tobacco	36	8.91	100	3.14	5.77
4520	Personal Care Drug and Grocery Stores	25	7.21	55	1.98	5.23
5010	Construction and Materials	3	0.25	63	1.23	-0.97
5020	Industrial Goods and Services	52	7.17	343	12.27	-5.10
5510	Basic Resources	8	1.44	62	1.45	-0.01
5520	Chemicals	9	1.19	69	1.35	-0.16
6010	Energy	17	10.46	72	3.98	6.48
6510	Utilities	25	4.56	93	2.89	1.66
Totals		378	100.00	2017	100.00	

Index Characteristics

Attributes	FTSE RAFI Developed Low Volatility	FTSE Developed
Number of constituents	378	2017
Dividend Yield %	3.21	1.79
Constituent (Wgt %)		
Average	0.26	0.05
Largest	3.91	4.70
Median	0.10	0.01
Top 10 Holdings (Wgt %)	23.86	23.45



© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFE") (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMR™", "FR™" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Research Affiliates® and Fundamental Index® are trade marks of RA. "Fundamental Index®" and/or "Research Affiliates Fundamental Index®" and/or "RAFI" and/or all other RA trademarks, trade names, patented and patent-pending concepts are the exclusive property of Research Affiliates, LLC.

The FTSE Research Affiliates Fundamental Indexes ("FTSE Russell RAFI Indexes") are calculated by FTSE RA. All rights in and to the FTSE Russell RAFI Indexes vest in FTSE Russell® and/or its relevant Partner(s).

All information is provided for information purposes only. All information and data contained in this publication is obtained by the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or of results to be obtained from the use of FTSE Russell products, including but not limited to indexes, data and analytics, or the fitness or suitability of the FTSE Russell products for any particular purpose to which they might be put. Any representation of historical data accessible through FTSE Russell products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any error (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing contained herein or accessible through FTSE Russell products, including statistical data and industry reports, should be taken as constituting financial or investment advice or a financial promotion.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. However, back-tested data may reflect the application of the index methodology with the benefit of hindsight, and the historic calculations of an index may change from month to month based on revisions to the underlying economic data used in the calculation of the index.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of the LSE Group. Use and distribution of the LSE Group data requires a licence from FTSE, Russell, FTSE Canada, MTSNext, Mergent, FTSE FI, YB, BR and/or their respective licensors.

Data definitions available from
info@ftserussell.com

To learn more, visit lseg.com/ftse-russell;
email info@ftserussell.com; or
call your regional Client Services Team office:

EMEA

+44 (0) 20 7866 1810

North America

+1 877 503 6437

Asia-Pacific

Hong Kong +852 2164 3333
Tokyo +81 3 6441 1430
Sydney +61 (0) 2 7228 5659