FTSE Russell Factsheet

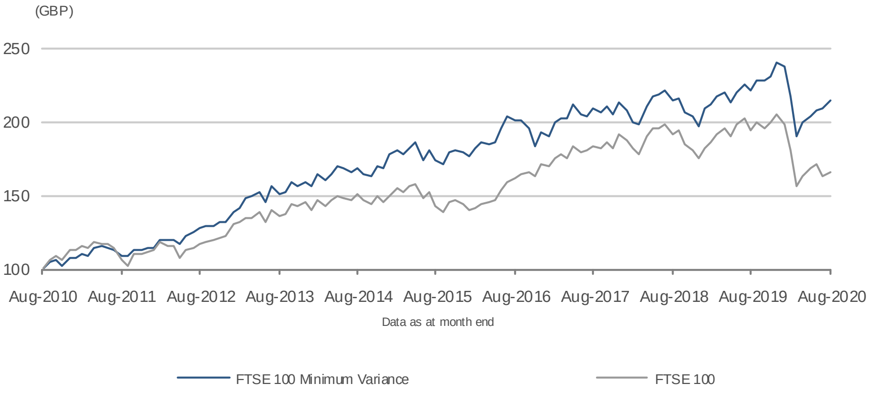
FTSE 100 Minimum Variance Index

Data as at: 31 August 2020

The FTSE 100 Minimum Variance Index is designed to minimise the volatility of the FTSE 100 Index based on historical return information, thereby offering potential improvements to the risk reward trade-off of the index.

Additional constraints on the weight of a single stock (<4.5%) and the weight of an individual ICB Industry (<20%) ensure the index is investable and diversified.

10-Year Performance - Total Return



Performance and Volatility - Total Return

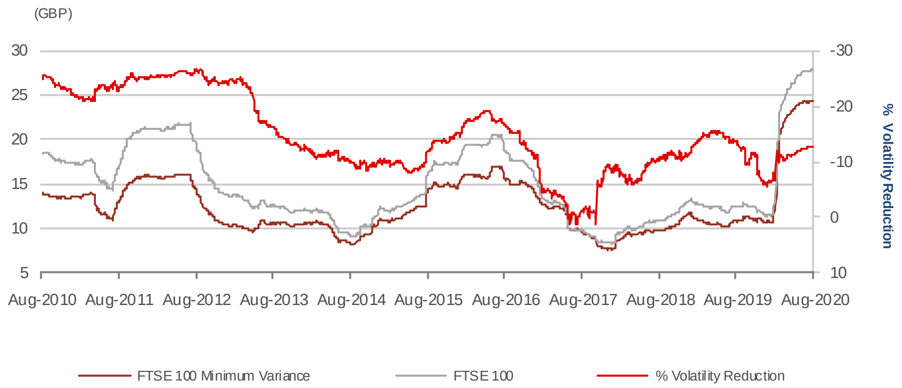
Index (GBP)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE 100 Minimum Variance	4.9	-1.8	-11.0	-3.6	2.3	23.0	0.7	4.2	24.2	16.0	12.1
FTSE 100	-0.9	-7.9	-19.0	-14.3	-9.5	16.5	-3.3	3.1	27.7	18.7	12.6

* 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 % (GBP)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
FTSE 100 Minimum Variance	15.9	6.4	15.2	20.6	6.3	6.0	8.0	10.4	-7.7	22.3
FTSE 100	12.6	-2.2	10.0	18.7	0.7	-1.3	19.1	11.9	-8.7	17.3

Annualised Rolling 252 Day Volatility



FEATURES

Methodology

The approach applies a rules-based strategy to minimise the volatility of the FTSE 100 Index.

Objective

The index is designed for use in the creation of index tracking funds, derivatives and as a performance benchmark.

Investability

Stocks are selected and weighted to ensure that the index is investable.

Liquidity

Stocks are subject to an additional liquidity screen to ensure that the index is tradable.

Transparency

The indices use a transparent, rules-based construction process. Index Rules are freely available on the FTSE website.

Availability

The index is calculated based on price and total return methodologies, both real time intra-second and end-of-day.

Industry Classification Benchmark

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

Return/Risk Ratio and Drawdown - Total Return

Index (GBP)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE 100 Minimum Variance	-0.1	0.1	0.3	0.7	-31.0	-31.0	-31.0	-31.0
FTSE 100	-0.5	-0.1	0.2	0.4	-34.2	-34.2	-34.2	-34.2

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

Top 5 Constituents

Constituent	ICB Sector	FTSE 100 Minimum Variance (Wgt %)	FTSE 100 (Wgt %)	Diff %
Polymetal International	Mining	4.05	0.45	3.60
Fresnillo	Mining	3.59	0.15	3.44
Reckitt Benckiser Group	Household Goods & Home Construction	3.41	3.12	0.29
Unilever	Personal Goods	3.05	3.20	-0.15
Bunzl	General Industrials	2.95	0.54	2.41
Totals		**17.05**	**7.46**	

ICB Supersector Breakdown

		FTSE 100 Minimum Variance			FTSE 100		
ICB Code	ICB Supersector	No. of Cons	Net MCap (GBPm)	Wgt %	No. of Cons	Net MCap (GBPm)	Wgt %
0500	Oil & Gas	2	1,479	0.11	3	137,143	9.05
1300	Chemicals	2	45,485	3.48	2	11,840	0.78
1700	Basic Resources	4	114,336	8.75	9	148,479	9.79
2300	Construction & Materials	1	4,635	0.35	1	22,192	1.46
2700	Industrial Goods & Services	11	163,091	12.48	15	144,353	9.52
3500	Food & Beverage	3	52,617	4.03	3	68,514	4.52
3700	Personal & Household Goods	7	155,603	11.91	9	194,631	12.84
4500	Health Care	4	118,805	9.09	4	199,208	13.14
5300	Retail	5	161,819	12.38	9	69,767	4.60
5500	Media	7	78,135	5.98	7	62,697	4.14
5700	Travel & Leisure	3	23,783	1.82	6	57,505	3.79
6500	Telecommunications	2	29,985	2.29	2	38,927	2.57
7500	Utilities	5	105,441	8.07	5	58,068	3.83
8300	Banks	4	46,766	3.58	5	121,734	8.03
8500	Insurance	3	54,138	4.14	7	74,691	4.93
8600	Real Estate	3	68,224	5.22	3	18,815	1.24
8700	Financial Services	2	23,893	1.83	8	73,211	4.83
9500	Technology	2	58,715	4.49	3	14,238	0.94
Totals		**70**	**1,306,950**	**100.00**	**101**	**1,516,013**	**100.00**

Index Characteristics

Attributes	FTSE 100 Minimum Variance	FTSE 100
Number of constituents	70	101
Net MCap (GBPm)	1,306,950	1,516,013
Dividend Yield %	3.74	4.70
Constituent Sizes (Net MCap GBPm)		
Average	18,671	15,010
Largest	52,966	109,418
Smallest	387	1,867
Median	16,496	7,525
Weight of Largest Constituent (%)	4.05	7.22
Top 10 Holdings (% Index MCap)	30.92	40.13

INFORMATION

Index Universe

FTSE 100 Index

Index Launch

23 December 2011

Base Date

16 September 2011

Base Value

100

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

Real Time

End-of-Day Distribution

Via FTP and email

Currency

Euro and Sterling

Review Dates

March, June, September, December

History

Available from March 2001

Data definitions available from info@ftserussell.com

To learn more, visit www.ftserussell.com; 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 4563 6346
Sydney +61 (0) 2 8823 3521