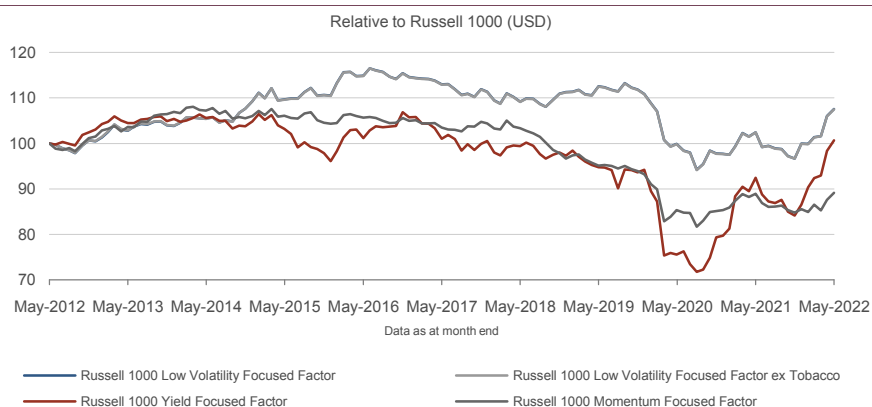


Russell 1000[®] Focused Factor Indexes

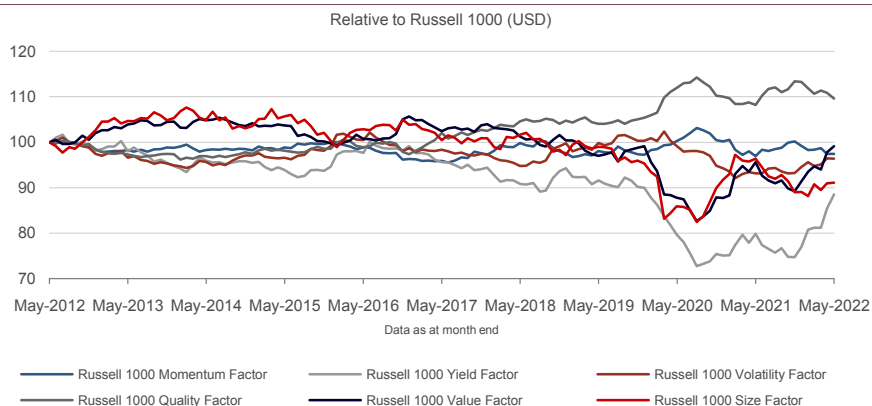
Data as at: 31 May 2022

The Russell Focused Factor Indexes offer innovative tools to assist investors seeking specific factor objectives - momentum, yield and low volatility respectively. The Russell Focused factor indexes are constructed to address some perceived drawbacks of single factor momentum, yield and low volatility indexes and allow for less volatility while capturing the target objectives.

10-Year Focused Factor Performance relative to Russell 1000 - Total Return



10-Year Single Factors Performance relative to Russell 1000 - Total Return



FEATURES

Coverage

Derived from the Russell 1000 Index, which represents large cap companies in US markets.

Objective

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

Industry Classification Benchmark (ICB)

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

Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
Russell 1000 Low Volatility Focused Factor	-0.2	-0.2	-7.2	2.1	49.2	76.3	14.3	12.0	15.1	23.6	17.3
Russell 1000 Low Volatility Focused Factor ex Tobacco	-0.2	-0.2	-7.2	2.1	49.2	76.3	14.3	12.0	15.1	23.6	17.3
Russell 1000 Yield Focused Factor	2.4	7.4	0.3	5.9	66.0	84.5	18.4	13.0	15.9	29.9	21.7
Russell 1000 Momentum Focused Factor	-3.2	-5.5	-10.1	-2.4	46.4	59.5	13.5	9.8	18.9	26.4	19.0
Russell 1000 Momentum Factor	-6.8	-12.6	-15.2	-2.2	55.2	88.2	15.8	13.5	20.0	22.6	17.2
Russell 1000 Yield Factor	2.4	6.3	-0.8	7.8	50.9	71.4	14.7	11.4	13.8	21.1	16.0
Russell 1000 Volatility Factor	-4.4	-7.2	-12.0	0.7	50.9	81.6	14.7	12.7	16.4	19.6	15.4
Russell 1000 Quality Factor	-6.9	-13.3	-16.5	-1.4	64.5	99.0	18.1	14.8	19.4	21.6	17.0
Russell 1000 Value Factor	-1.6	-0.3	-6.4	0.8	59.5	79.2	16.8	12.4	15.4	24.2	18.4
Russell 1000 Size Factor	-5.6	-8.1	-11.8	-8.0	43.8	67.9	12.9	10.9	19.5	28.4	20.4
Russell 1000	-6.0	-10.2	-13.7	-2.7	56.2	85.2	16.0	13.1	18.6	21.9	16.9

* 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
Russell 1000 Low Volatility Focused Factor	16.9	37.6	19.2	2.1	16.2	18.2	-4.8	30.9	6.6	29.3
Russell 1000 Low Volatility Focused Factor ex Tobacco	17.0	37.6	19.1	2.0	16.2	18.2	-4.8	30.9	6.6	29.3
Russell 1000 Yield Focused Factor	19.2	36.2	12.6	-7.5	23.3	15.6	-7.8	27.3	2.3	37.3
Russell 1000 Momentum Focused Factor	17.2	40.2	12.3	-0.7	12.7	21.1	-11.8	26.7	10.8	26.7
Russell 1000 Momentum Factor	15.4	33.6	12.7	2.7	7.9	22.8	-4.4	30.9	24.6	25.2
Russell 1000 Yield Factor	11.8	28.6	14.0	0.0	17.4	16.0	-4.9	25.4	0.9	29.7
Russell 1000 Volatility Factor	13.3	29.6	15.9	3.1	11.6	20.0	-2.4	32.2	13.7	26.9
Russell 1000 Quality Factor	16.1	31.7	13.3	2.1	10.7	28.1	-2.7	32.2	26.3	30.2
Russell 1000 Value Factor	18.8	36.4	12.9	-3.3	18.7	19.7	-8.1	29.8	7.1	31.7
Russell 1000 Size Factor	19.2	36.6	11.3	-2.3	16.0	18.3	-8.3	29.0	16.4	22.8
Russell 1000	16.4	33.1	13.2	0.9	12.1	21.7	-4.8	31.4	21.0	26.5

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
Russell 1000 Low Volatility Focused Factor	0.1	0.5	0.7	1.1	-11.7	-40.0	-40.0	-40.0
Russell 1000 Low Volatility Focused Factor ex Tobacco	0.1	0.5	0.7	1.1	-11.7	-40.0	-40.0	-40.0
Russell 1000 Yield Focused Factor	0.4	0.5	0.6	0.8	-9.3	-46.7	-46.7	-46.7
Russell 1000 Momentum Focused Factor	-0.1	0.4	0.5	0.9	-16.1	-41.2	-41.2	-41.2
Russell 1000 Momentum Factor	-0.1	0.6	0.8	1.0	-21.0	-34.1	-34.1	-34.1
Russell 1000 Yield Factor	0.5	0.6	0.7	1.0	-7.7	-37.4	-37.4	-37.4
Russell 1000 Volatility Factor	0.0	0.6	0.8	1.1	-17.3	-33.5	-33.5	-33.5
Russell 1000 Quality Factor	-0.1	0.7	0.9	1.1	-21.9	-32.1	-32.1	-32.1
Russell 1000 Value Factor	0.1	0.6	0.7	1.0	-12.2	-39.6	-39.6	-39.6
Russell 1000 Size Factor	-0.4	0.4	0.5	0.8	-19.8	-42.3	-42.3	-42.3
Russell 1000	-0.1	0.6	0.8	1.0	-18.9	-34.6	-34.6	-34.6

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

Drawdown - based on daily data

INFORMATION

Index Universe

Russell 1000

Index Launch

30 September 2015

Base Date

20 September 2013

Base Value

1000

Index Calculation

Real-time and end-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD

Review Dates

Annually in June, except Momentum Focused (semi-annually in June and December)

Top 10 Constituents - Russell 1000 Low Volatility Focused Factor

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
Cognizant Tech Solutions	Software and Computer Services	509,991	1.28
Progressive Corp	Non-life Insurance	500,090	1.25
HP	Technology Hardware and Equipment	471,663	1.18
Dollar Tree	Retailers	416,589	1.04
Dollar General	Retailers	390,141	0.98
Kroger	Personal Care Drug and Grocery Stores	335,810	0.84
Allstate Corp	Non-life Insurance	311,187	0.78
Quest Diagnostics	Medical Equipment and Services	301,765	0.76
O Reilly Auto	Retailers	292,413	0.73
Synopsys Inc	Software and Computer Services	272,466	0.68
Totals		3,802,115	9.52

ICB Supersector Breakdown - Russell 1000 Low Volatility Focused Factor

ICB Code	ICB Supersector	No. of Cons	Net MCap (USDm)	Wgt %
1010	Technology	38	5,641,918	14.13
1510	Telecommunications	7	385,206	0.96
2010	Health Care	33	3,367,662	8.43
3010	Banks	14	371,588	0.93
3020	Financial Services	28	1,923,395	4.82
3030	Insurance	34	3,882,910	9.72
3510	Real Estate	35	2,260,538	5.66
4010	Automobiles and Parts	3	440,367	1.10
4020	Consumer Products and Services	22	1,434,706	3.59
4030	Media	12	525,312	1.32
4040	Retailers	13	1,945,858	4.87
4050	Travel and Leisure	4	234,086	0.59
4510	Food Beverage and Tobacco	24	2,216,852	5.55
4520	Personal Care Drug and Grocery Stores	11	1,714,415	4.29
5010	Construction and Materials	15	1,351,080	3.38
5020	Industrial Goods and Services	83	7,141,253	17.89
5510	Basic Resources	8	692,164	1.73
5520	Chemicals	8	400,206	1.00
6010	Energy	3	177,432	0.44
6510	Utilities	35	3,821,289	9.57
Totals		430	39,928,233	100.00

Top 10 Constituents - Russell 1000 Yield Focused Factor

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
HP	Technology Hardware and Equipment	964,547	2.38
Progressive Corp	Non-life Insurance	943,930	2.33
Kroger	Personal Care Drug and Grocery Stores	671,804	1.66
General Mills	Food Producers	551,826	1.36
Williams Cos	Oil Gas and Coal	546,966	1.35
Altria Group	Tobacco	522,783	1.29
Kimberly-Clark	Personal Care Drug and Grocery Stores	498,989	1.23
Dow Inc	Chemicals	491,830	1.21
Tyson Foods Inc A	Food Producers	476,009	1.17
ONEOK Inc	Oil Gas and Coal	445,888	1.10
Totals		6,114,572	15.06

ICB Supersector Breakdown - Russell 1000 Yield Focused Factor

ICB Code	ICB Supersector	No. of Cons	Net MCap (USDm)	Wgt %
1010	Technology	11	2,791,556	6.88
1510	Telecommunications	2	466,265	1.15
2010	Health Care	5	965,647	2.38
3010	Banks	21	1,733,882	4.27
3020	Financial Services	19	1,800,807	4.44
3030	Insurance	26	4,334,087	10.68
3510	Real Estate	43	4,204,267	10.36
4010	Automobiles and Parts	2	491,969	1.21
4020	Consumer Products and Services	11	1,308,243	3.22
4030	Media	8	1,081,401	2.66
4040	Retailers	6	817,653	2.01
4050	Travel and Leisure	1	18,321	0.05
4510	Food Beverage and Tobacco	12	3,434,553	8.46
4520	Personal Care Drug and Grocery Stores	5	1,603,854	3.95
5010	Construction and Materials	4	471,265	1.16
5020	Industrial Goods and Services	37	4,867,624	11.99
5510	Basic Resources	8	1,568,433	3.86
5520	Chemicals	12	2,062,968	5.08
6010	Energy	8	1,852,140	4.56
6510	Utilities	31	4,717,063	11.62
Totals		272	40,591,996	100.00

Top 10 Constituents - Russell 1000 Momentum Focused Factor

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
HP	Technology Hardware and Equipment	497,085	1.24
Autozone	Retailers	266,437	0.66
Kroger	Personal Care Drug and Grocery Stores	249,721	0.62
Mosaic Company	Chemicals	240,507	0.60
Dell Technologies	Software and Computer Services	233,317	0.58
KLA Corporation	Technology Hardware and Equipment	211,489	0.53
Hewlett Packard Enterprise	Software and Computer Services	206,914	0.52
Quanta Services	Construction and Materials	203,800	0.51
EOG Resources	Oil Gas and Coal	190,910	0.48
LPL Financial Holdings	Investment Banking and Brokerage Services	186,472	0.46
Totals		2,486,652	6.20

ICB Supersector Breakdown - Russell 1000 Momentum Focused Factor

ICB Code	ICB Supersector	No. of Cons	Net MCap (USDm)	Wgt %
1010	Technology	124	7,077,144	17.64
1510	Telecommunications	17	520,705	1.30
2010	Health Care	90	3,202,589	7.98
3010	Banks	36	1,088,205	2.71
3020	Financial Services	50	2,348,647	5.85
3030	Insurance	42	2,390,295	5.96
3510	Real Estate	60	2,051,208	5.11
4010	Automobiles and Parts	9	544,148	1.36
4020	Consumer Products and Services	50	2,049,612	5.11
4030	Media	18	745,825	1.86
4040	Retailers	38	2,408,916	6.00
4050	Travel and Leisure	20	390,714	0.97
4510	Food Beverage and Tobacco	32	1,189,604	2.96
4520	Personal Care Drug and Grocery Stores	15	948,437	2.36
5010	Construction and Materials	25	1,775,745	4.43
5020	Industrial Goods and Services	144	5,855,575	14.59
5510	Basic Resources	15	922,639	2.30
5520	Chemicals	21	1,142,193	2.85
6010	Energy	34	1,509,572	3.76
6510	Utilities	41	1,966,823	4.90
Totals		881	40,128,598	100.00

Index Characteristics - Russell 1000 Focused Factor

Attributes	Russell 1000 Low Volatility Focused Factor	Russell 1000 Low Volatility Focused Factor ex Tobacco	Russell 1000 Yield Focused Factor	Russell 1000 Momentum Focused Factor
Number of constituents	430	430	272	881
Dividend Yield %	1.72	1.72	3.06	1.71
Constituent (Wgt %)				
Average	0.23	0.23	0.37	0.11
Largest	1.28	1.28	2.38	1.24
Median	0.19	0.19	0.27	0.08
Top 10 Holdings (Wgt %)	9.52	9.52	15.08	6.20

Index Characteristics - Russell 1000 Single Factors

Attributes	Russell 1000 Momentum Factor	Russell 1000 Yield Factor	Russell 1000 Volatility Factor
Number of constituents	572	179	237
Dividend Yield %	1.43	3.07	1.62
Constituent (Wgt %)			
Average	0.17	0.56	0.42
Largest	8.36	3.72	8.44
Median	0.06	0.28	0.20
Top 10 Holdings (Wgt %)	31.44	27.83	34.38

Index Characteristics - Russell 1000 Single Factors (cont.)

Attributes	Russell 1000 Quality Factor	Russell 1000 Value Factor	Russell 1000 Size Factor
Number of constituents	369	691	649
Dividend Yield %	1.20	2.10	1.59
Constituent (Wgt %)			
Average	0.27	0.14	0.15
Largest	10.28	3.27	0.69
Median	0.08	0.06	0.15
Top 10 Holdings (Wgt %)	39.10	19.55	4.73

© 2022 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group 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) The Yield Book Inc ("YB") and (7) 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, YB and BR. "FTSE", "Russell", "FTSE Russell", "FTSE4Good", "ICB", "The Yield Book", "Beyond Ratings" 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 the LSE Group or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

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 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 6441 1430

Sydney +61 (0) 2 8823 3521