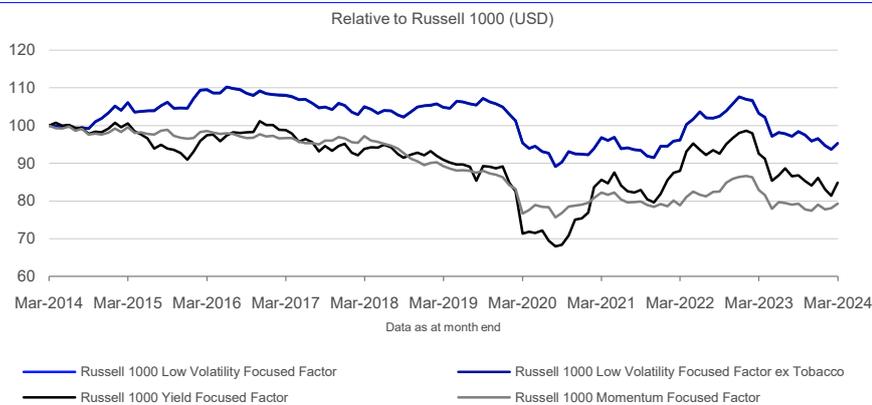


Russell 1000[®] Focused Factor Indexes

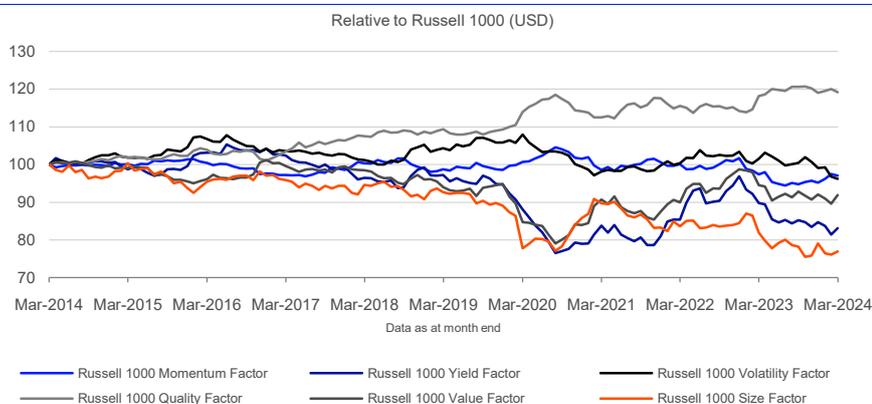
Data as at: 29 March 2024

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	8.9	19.6	8.9	19.9	32.7	81.0	9.9	12.6	11.5	15.1	19.2
Russell 1000 Low Volatility Focused Factor ex Tobacco	8.9	19.6	8.9	19.9	32.7	81.0	9.9	12.6	11.5	15.1	19.2
Russell 1000 Yield Focused Factor	8.7	20.7	8.7	19.1	33.6	85.8	10.1	13.2	14.3	16.6	24.3
Russell 1000 Momentum Focused Factor	10.7	23.5	10.7	24.3	30.0	76.9	9.1	12.1	13.1	17.9	21.1
Russell 1000 Momentum Factor	12.5	26.5	12.5	29.4	32.7	95.7	9.9	14.4	12.2	18.0	18.5
Russell 1000 Yield Factor	8.1	20.4	8.1	20.1	33.7	70.2	10.2	11.2	11.1	14.0	18.2
Russell 1000 Volatility Factor	7.1	18.2	7.1	23.0	32.1	83.6	9.7	12.9	9.7	15.5	16.9
Russell 1000 Quality Factor	10.4	22.0	10.4	31.0	42.8	116.8	12.6	16.7	12.3	18.0	18.8
Russell 1000 Value Factor	10.1	22.3	10.1	26.3	36.5	94.6	10.9	14.2	11.8	15.7	20.3
Russell 1000 Size Factor	7.3	21.5	7.3	22.0	15.6	65.2	4.9	10.6	15.1	19.9	22.8
Russell 1000	10.3	23.5	10.3	29.9	34.8	99.0	10.5	14.8	11.8	17.5	18.8

* 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
Russell 1000 Low Volatility Focused Factor	19.2	2.1	16.2	18.2	-4.8	30.9	6.6	29.3	-7.9	13.5
Russell 1000 Low Volatility Focused Factor ex Tobacco	19.1	2.0	16.2	18.2	-4.8	30.9	6.6	29.3	-7.9	13.5
Russell 1000 Yield Focused Factor	12.6	-7.5	23.3	15.6	-7.8	27.3	2.3	37.3	-3.3	11.2
Russell 1000 Momentum Focused Factor	12.3	-0.7	12.7	21.1	-11.8	26.7	10.8	26.7	-11.8	15.8
Russell 1000 Momentum Factor	12.7	2.7	7.9	22.8	-4.4	30.9	24.6	25.2	-18.2	18.4
Russell 1000 Yield Factor	14.0	0.0	17.4	16.0	-4.9	25.4	0.9	29.7	-3.2	10.7
Russell 1000 Volatility Factor	15.9	3.1	11.6	20.0	-2.4	32.2	13.7	26.9	-16.1	21.2
Russell 1000 Quality Factor	13.3	2.1	10.7	28.1	-2.7	32.2	26.3	30.2	-21.4	31.9
Russell 1000 Value Factor	12.9	-3.3	18.7	19.7	-8.1	29.8	7.1	31.7	-8.7	18.0
Russell 1000 Size Factor	11.3	-2.3	16.0	18.3	-8.3	29.0	16.4	22.8	-18.0	18.4
Russell 1000	13.2	0.9	12.1	21.7	-4.8	31.4	21.0	26.5	-19.1	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	1.9	0.6	0.7	0.8	-10.8	-18.4	-40.0	-40.0
Russell 1000 Low Volatility Focused Factor ex Tobacco	1.9	0.6	0.7	0.8	-10.8	-18.4	-40.0	-40.0
Russell 1000 Yield Focused Factor	1.4	0.6	0.5	0.6	-13.4	-18.9	-46.7	-46.7
Russell 1000 Momentum Focused Factor	2.0	0.5	0.6	0.6	-11.9	-22.3	-41.2	-41.2
Russell 1000 Momentum Factor	2.5	0.6	0.8	0.8	-9.4	-25.6	-34.1	-34.1
Russell 1000 Yield Factor	1.9	0.7	0.6	0.7	-10.8	-17.4	-37.4	-37.4
Russell 1000 Volatility Factor	2.5	0.6	0.8	0.9	-8.6	-22.9	-33.5	-33.5
Russell 1000 Quality Factor	2.6	0.7	0.9	1.0	-9.2	-26.6	-32.1	-32.1
Russell 1000 Value Factor	2.3	0.7	0.7	0.7	-10.8	-20.2	-39.6	-39.6
Russell 1000 Size Factor	1.6	0.2	0.5	0.5	-15.2	-26.4	-42.3	-42.3
Russell 1000	2.8	0.6	0.8	0.8	-10.3	-25.1	-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 %
Cencora Inc	Personal Care Drug and Grocery Stores	659,235	1.43
Centene Corp	Health Care Providers	523,878	1.14
McKesson	Personal Care Drug and Grocery Stores	514,608	1.12
Marathon Petroleum	Oil Gas and Coal	506,886	1.10
Cognizant Tech Solutions	Software and Computer Services	473,189	1.03
Cardinal Health	Pharmaceuticals and Biotechnology	468,431	1.02
CDW	Technology Hardware and Equipment	414,491	0.90
Williams Sonoma	Retailers	389,406	0.84
Reliance Inc	Industrial Metals and Mining	388,194	0.84
NVR Inc	Household Goods and Home Construction	380,421	0.82
Totals		4,718,740	10.23

ICB Supersector Breakdown - Russell 1000 Low Volatility Focused Factor

ICB Code	ICB Supersector	No. of Cons	Net MCap (USDm)	Wgt %
1010	Technology	31	5,200,146	11.27
1510	Telecommunications	7	259,352	0.56
2010	Health Care	33	3,744,861	8.12
3010	Banks	14	542,033	1.17
3020	Financial Services	26	1,882,843	4.08
3030	Insurance	21	1,537,124	3.33
3510	Real Estate	35	2,542,246	5.51
4010	Automobiles and Parts	7	915,066	1.98
4020	Consumer Products and Services	33	3,326,213	7.21
4030	Media	14	601,431	1.30
4040	Retailers	16	2,151,705	4.66
4050	Travel and Leisure	16	1,191,841	2.58
4510	Food Beverage and Tobacco	20	1,553,520	3.37
4520	Personal Care Drug and Grocery Stores	13	2,546,635	5.52
5010	Construction and Materials	20	2,187,602	4.74
5020	Industrial Goods and Services	94	7,895,202	17.11
5510	Basic Resources	9	1,446,451	3.14
5520	Chemicals	10	1,130,828	2.45
6010	Energy	12	2,455,676	5.32
6510	Utilities	35	3,020,481	6.55
Totals		466	46,131,256	100.00

Top 10 Constituents - Russell 1000 Yield Focused Factor

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
Pioneer Natural Resource	Oil Gas and Coal	755,653	1.69
Diamondback Energy	Oil Gas and Coal	691,611	1.55
Valero Energy	Oil Gas and Coal	656,374	1.47
Dow Inc	Chemicals	642,993	1.44
Devon Energy	Oil Gas and Coal	639,206	1.43
Paccar	Industrial Transportation	627,386	1.40
Cardinal Health	Pharmaceuticals and Biotechnology	573,625	1.28
Phillips 66	Oil Gas and Coal	555,763	1.24
3M Company	General Industrials	554,242	1.24
Price (T. Rowe) Group	Investment Banking and Brokerage Services	530,507	1.19
Totals		6,227,360	13.92

ICB Supersector Breakdown - Russell 1000 Yield Focused Factor

ICB Code	ICB Supersector	No. of Cons	Net MCap (USDm)	Wgt %
1010	Technology	10	2,051,355	4.59
1510	Telecommunications	2	108,291	0.24
2010	Health Care	6	1,245,435	2.78
3010	Banks	27	3,525,538	7.88
3020	Financial Services	24	2,895,011	6.47
3030	Insurance	13	1,546,159	3.46
3510	Real Estate	37	4,289,760	9.59
4010	Automobiles and Parts	7	1,106,931	2.47
4020	Consumer Products and Services	17	1,688,502	3.78
4030	Media	7	610,639	1.37
4040	Retailers	12	2,160,345	4.83
4050	Travel and Leisure	8	824,435	1.84
4510	Food Beverage and Tobacco	12	1,782,441	3.99
4520	Personal Care Drug and Grocery Stores	6	1,133,036	2.53
5010	Construction and Materials	8	1,304,226	2.92
5020	Industrial Goods and Services	36	5,175,386	11.57
5510	Basic Resources	8	1,225,514	2.74
5520	Chemicals	11	2,346,391	5.25
6010	Energy	18	5,767,921	12.90
6510	Utilities	29	3,937,723	8.80
Totals		298	44,725,037	100.00

Top 10 Constituents - Russell 1000 Momentum Focused Factor

Constituent	ICB Sector	Net MCap (USDm)	Wgt %
Marathon Petroleum	Oil Gas and Coal	574,832	1.17
Builders FirstSource Inc.	Construction and Materials	510,422	1.04
Cardinal Health	Pharmaceuticals and Biotechnology	395,951	0.80
Reliance Inc	Industrial Metals and Mining	379,731	0.77
Williams Sonoma	Retailers	362,072	0.74
Cognizant Tech Solutions	Software and Computer Services	345,100	0.70
Lam Research	Technology Hardware and Equipment	337,150	0.68
Jabil	Technology Hardware and Equipment	332,416	0.68
D.R. Horton Inc	Household Goods and Home Construction	323,487	0.66
ON Semiconductor Corp	Technology Hardware and Equipment	320,749	0.65
Totals		3,881,911	7.88

ICB Supersector Breakdown - Russell 1000 Momentum Focused Factor

ICB Code	ICB Supersector	No. of Cons	Net MCap (USDm)	Wgt %
1010	Technology	119	9,629,944	19.56
1510	Telecommunications	18	584,311	1.19
2010	Health Care	87	3,266,278	6.63
3010	Banks	34	785,287	1.59
3020	Financial Services	56	2,080,993	4.23
3030	Insurance	39	1,415,505	2.87
3510	Real Estate	58	1,433,921	2.91
4010	Automobiles and Parts	10	621,379	1.26
4020	Consumer Products and Services	47	3,121,622	6.34
4030	Media	21	670,271	1.36
4040	Retailers	38	2,518,188	5.11
4050	Travel and Leisure	40	2,401,639	4.88
4510	Food Beverage and Tobacco	35	849,130	1.72
4520	Personal Care Drug and Grocery Stores	17	1,433,232	2.91
5010	Construction and Materials	26	2,994,586	6.08
5020	Industrial Goods and Services	149	7,489,331	15.21
5510	Basic Resources	16	1,568,549	3.19
5520	Chemicals	19	1,177,438	2.39
6010	Energy	37	3,882,110	7.88
6510	Utilities	42	1,321,407	2.68
Totals		908	49,245,122	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	466	466	298	908
Dividend Yield %	1.86	1.86	3.50	1.40
Constituent (Wgt %)				
Average	0.21	0.21	0.34	0.11
Largest	1.43	1.43	1.69	1.17
Median	0.17	0.17	0.25	0.07
Top 10 Holdings (Wgt %)	10.24	10.24	13.93	7.89

Index Characteristics - Russell 1000 Single Factors

Attributes	Russell 1000 Momentum Factor	Russell 1000 Yield Factor	Russell 1000 Volatility Factor
Number of constituents	491	290	289
Dividend Yield %	0.90	3.21	1.63
Constituent (Wgt %)			
Average	0.20	0.35	0.35
Largest	9.47	5.34	11.17
Median	0.06	0.14	0.14
Top 10 Holdings (Wgt %)	43.25	29.33	35.97

Index Characteristics - Russell 1000 Single Factors (cont.)

Attributes	Russell 1000 Quality Factor	Russell 1000 Value Factor	Russell 1000 Size Factor
Number of constituents	280	734	658
Dividend Yield %	1.09	2.09	1.48
Constituent (Wgt %)			
Average	0.36	0.14	0.15
Largest	10.53	3.63	0.75
Median	0.12	0.07	0.14
Top 10 Holdings (Wgt %)	44.44	17.87	4.83

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