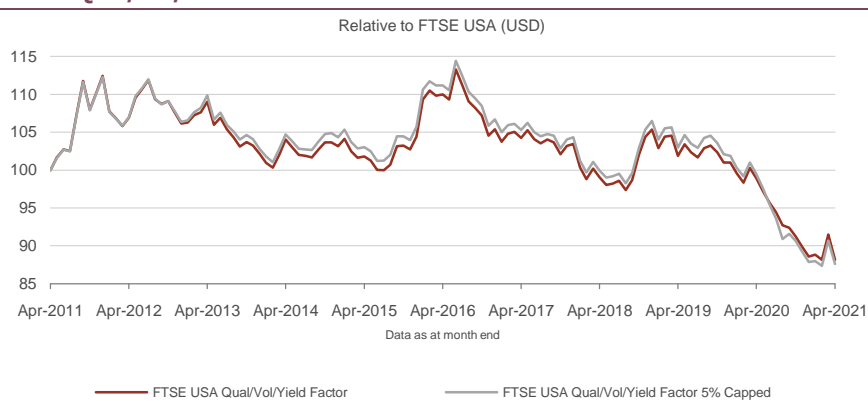


# FTSE USA Qual/Vol/Yield Factor Indexes

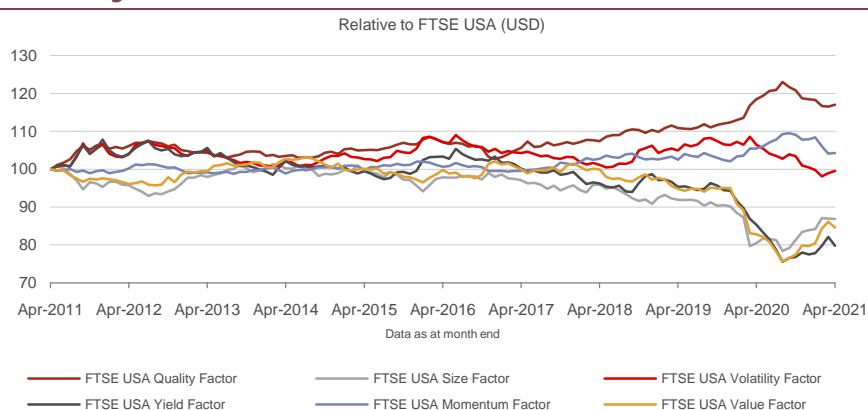
Data as at: 30 April 2021

The FTSE Global Factor Index Series is a new suite of benchmarks designed to represent the performance of specific individual factor characteristics and combinations of these factors. The factors represent common factor characteristics for which there is a broad academic and practitioner consensus, supported by a body of empirical evidence across different geographies and time periods.

## 10-Year Qual/Vol/Yield Performance relative to FTSE USA - Total Return



## 10-Year Single Factors Performance relative to FTSE USA - Total Return



### FEATURES

#### Coverage

Derived from the FTSE USA index, which represents large and mid cap US companies.

#### Objective

The FTSE Global Factor Index series uses a common methodology to achieve controlled exposure to target factor(s), whilst considering levels of diversification and capacity.

#### Liquidity

Stocks in the universe index are screened to ensure that the index is tradable.

#### Capping

The company level capping is applied quarterly using prices as at the close of business on the second Friday in March, June, September and December.

#### Transparency

Index methodologies are freely available on the FTSE Russell website.

#### Availability

The index is calculated based on price and total return methodologies and available end-of-day and in some cases real-time (please see index rules for details).

#### 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
FTSE USA Qual/Vol/Yield Factor	11.5	24.8	10.8	31.9	50.8	82.2	14.7	12.7	15.9	17.3	13.9
FTSE USA Qual/Vol/Yield Factor 5% Capped	11.9	24.9	11.0	30.3	48.5	79.0	14.1	12.3	15.9	17.3	13.6
FTSE USA Quality Factor	11.1	25.2	10.0	46.2	84.5	148.1	22.7	19.9	18.8	20.0	15.0
FTSE USA Size Factor	16.1	38.2	15.3	59.9	53.6	101.7	15.4	15.1	20.2	24.8	18.5
FTSE USA Volatility Factor	12.0	24.3	10.3	38.3	66.8	111.0	18.6	16.1	16.7	17.7	13.5
FTSE USA Yield Factor	15.2	34.3	14.6	38.3	40.5	75.5	12.0	11.9	19.0	20.2	15.5
FTSE USA Momentum Factor	8.1	23.5	7.6	46.4	72.0	135.5	19.8	18.7	19.1	20.1	14.7
FTSE USA Value Factor	18.2	41.3	18.2	51.1	43.4	92.7	12.8	14.0	21.2	24.0	17.9
FTSE USA	12.4	29.2	11.3	48.0	69.5	127.2	19.2	17.8	17.8	20.2	15.3

\* 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)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
FTSE USA Qual/Vol/Yield Factor	13.2	9.8	27.8	14.4	2.3	12.9	19.9	-2.8	26.2	6.0
FTSE USA Qual/Vol/Yield Factor 5% Capped	13.2	10.2	28.3	15.0	2.4	12.9	19.4	-2.6	26.0	4.2
FTSE USA Quality Factor	8.1	14.5	32.4	12.6	3.5	7.8	27.0	-1.3	34.1	27.3
FTSE USA Size Factor	-1.4	17.3	37.7	12.4	-2.3	14.6	19.3	-9.4	30.6	12.4
FTSE USA Volatility Factor	8.8	13.5	29.0	16.1	2.9	11.8	19.6	-1.7	31.9	14.1
FTSE USA Yield Factor	11.4	11.6	28.4	13.7	0.4	16.0	17.3	-5.1	25.8	-0.7
FTSE USA Momentum Factor	1.9	16.3	32.8	13.8	2.8	9.2	24.0	-3.0	30.8	27.6
FTSE USA Value Factor	-1.2	17.4	37.1	12.9	-3.2	17.3	21.4	-8.5	28.5	1.4
FTSE USA	1.7	16.3	32.8	13.3	1.0	11.8	22.1	-4.5	31.6	20.8

**Return/Risk Ratio and Drawdown - Total Return**

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE USA Qual/Vol/Yield Factor	1.9	0.9	0.9	1.1	-9.6	-33.1	-33.1	-33.1
FTSE USA Qual/Vol/Yield Factor 5% Capped	1.8	0.8	0.9	1.1	-8.5	-33.2	-33.2	-33.2
FTSE USA Quality Factor	2.4	1.1	1.3	1.2	-10.8	-31.7	-31.7	-31.7
FTSE USA Size Factor	2.8	0.6	0.8	0.8	-10.4	-41.0	-41.0	-41.0
FTSE USA Volatility Factor	2.2	1.1	1.2	1.2	-8.3	-33.0	-33.0	-33.0
FTSE USA Yield Factor	1.9	0.6	0.8	0.9	-11.4	-37.3	-37.3	-37.3
FTSE USA Momentum Factor	2.3	1.0	1.3	1.1	-9.8	-32.6	-32.6	-32.6
FTSE USA Value Factor	2.3	0.6	0.8	0.8	-12.4	-40.2	-40.2	-40.2
FTSE USA	2.6	1.0	1.2	1.0	-9.5	-34.1	-34.1	-34.1

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

Drawdown - based on daily data

**INFORMATION****Index Universe**

FTSE USA Index

**Base Date**

22 September 2014

**Base Value**

1000

**Investability Screen**

Actual free float and liquidity screen applied to underlying

**Index Calculation**

Indexes calculated end-of-day

**End-of-Day Distribution**

Via FTP and email

**Currency**

USD, EUR, GBP, JPY, AUD, Local

**Review Dates**

Annually in September. Additional review in March for Momentum Factor index.

**History**

Available from September 2001

## Top 10 Constituents - Qual/Vol/Yield

Constituent	ICB Industry	FTSE USA Qual/Vol/Yield Factor (Wgt %)	FTSE USA (Wgt %)	Diff %
Cisco Systems	Telecommunications	6.65	0.58	6.07
Johnson & Johnson	Health Care	6.31	1.15	5.16
Intel Corp	Technology	5.37	0.63	4.74
Texas Instruments	Technology	4.57	0.45	4.12
Procter & Gamble	Consumer Staples	3.52	0.87	2.65
AT&T	Telecommunications	3.16	0.60	2.56
Verizon Communications	Telecommunications	3.13	0.64	2.49
Exxon Mobil Corporation	Energy	2.85	0.65	2.20
Home Depot	Consumer Discretionary	2.67	0.94	1.73
Merck & Co	Health Care	2.62	0.51	2.11
<b>Totals</b>		<b>40.85</b>	<b>7.02</b>	

## ICB Industry Breakdown - Qual/Vol/Yield

ICB Code	ICB Industry	FTSE USA Qual/Vol/Yield Factor		FTSE USA		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
10	Technology	8	12.33	94	28.15	-15.82
15	Telecommunications	3	12.94	18	3.44	9.50
20	Health Care	10	18.61	73	12.44	6.17
30	Financials	8	3.48	79	10.82	-7.34
35	Real Estate	9	3.86	37	2.76	1.10
40	Consumer Discretionary	11	6.71	98	16.41	-9.70
45	Consumer Staples	21	14.54	36	5.11	9.43
50	Industrials	22	12.64	96	13.69	-1.06
55	Basic Materials	6	2.23	20	1.82	0.41
60	Energy	2	5.12	22	2.58	2.54
65	Utilities	25	7.55	33	2.77	4.77
<b>Totals</b>		<b>125</b>	<b>100.00</b>	<b>606</b>	<b>100.00</b>	

## Index Characteristics - FTSE USA Qual/Vol/Yield

Attributes	FTSE USA Qual/Vol/Yield Factor	FTSE USA Qual/Vol/Yield Factor 5% Capped
Number of constituents	125	125
Dividend Yield %	3.05	3.07
Constituent (Wgt %)		
Average	0.80	0.80
Largest	6.65	5.01
Median	0.32	0.34
Top 10 Holdings (Wgt %)	40.85	37.93

## Index Characteristics - FTSE USA Single Factors

Attributes	FTSE USA Quality Factor	FTSE USA Size Factor	FTSE USA Volatility Factor	FTSE USA Yield Factor
Number of constituents	197	380	164	219
Dividend Yield %	1.18	1.51	1.50	3.10
Constituent (Wgt %)				
Average	0.51	0.26	0.61	0.46
Largest	10.37	0.67	8.58	3.62
Median	0.19	0.26	0.31	0.21
Top 10 Holdings (Wgt %)	43.29	5.33	38.27	26.78

## Index Characteristics - FTSE USA Single Factors (cont.)

Attributes	FTSE USA Momentum Factor	FTSE USA Value Factor	FTSE USA
Number of constituents	602	480	606
Dividend Yield %	1.07	2.05	1.36
Constituent (Wgt %)			
Average	0.17	0.21	0.16
Largest	8.25	3.24	5.60
Median	0.07	0.09	0.07
Top 10 Holdings (Wgt %)	30.23	22.60	25.45

© 2021 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) MTSNext Limited ("MTSNext"), (5) Mergent, Inc. ("Mergent"), (6) FTSE Fixed Income LLC ("FTSE FI"), (7) The Yield Book Inc ("YB") and (8) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, MTSNext, Mergent, FTSE FI, YB and BR. "FTSE®", "Russell®", "FTSE Russell®", "MTS®", "FTSE4Good®", "ICB®", "Mergent®", "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, MTSNext, FTSE Canada, Mergent, FTSE FI, 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](http://www.ftserussell.com);  
email [info@ftserussell.com](mailto: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