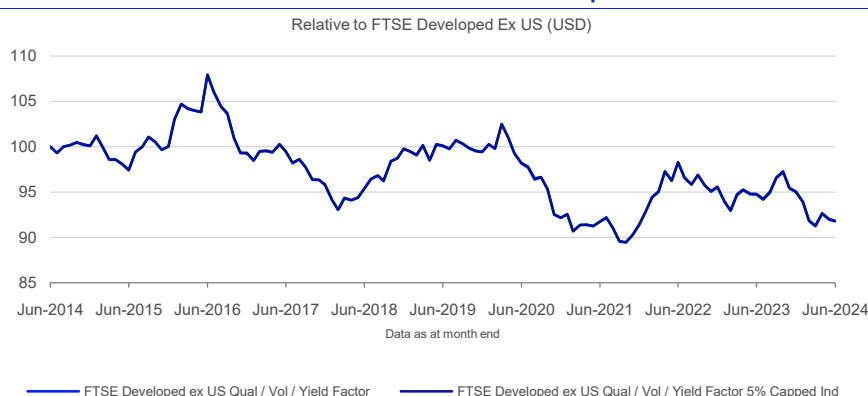


FTSE Developed ex US Qual/Vol/Yield Factor Indices

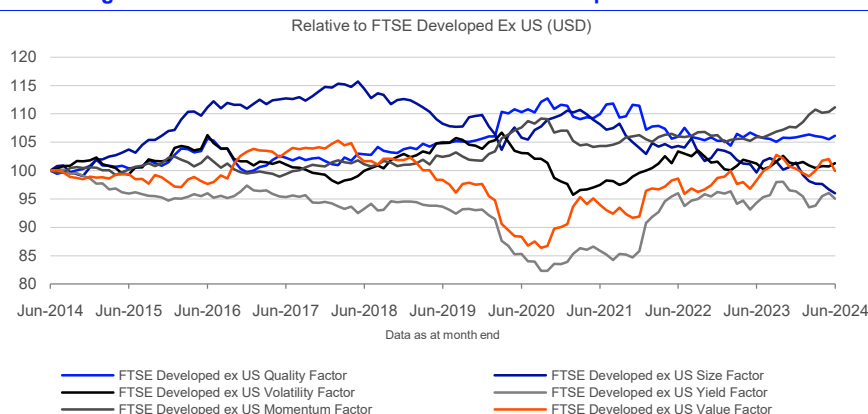
Data as at: 28 June 2024

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 Developed ex US - Total Return



10-Year Single Factors Performance relative to FTSE Developed ex US - Total Return



FEATURES

Coverage

Derived from the FTSE Developed ex US index, which represents large and mid cap companies in Developed markets excluding the US.

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 Developed ex US Qual / Vol / Yield Factor	-0.1	1.2	1.2	8.1	7.9	28.9	2.6	5.2	10.2	13.5	15.7
FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind	-0.1	1.2	1.2	8.1	8.0	28.9	2.6	5.2	10.2	13.5	15.7
FTSE Developed ex US Quality Factor	-0.6	5.1	5.1	11.6	4.1	42.0	1.4	7.3	11.4	16.0	17.6
FTSE Developed ex US Size Factor	-2.4	-0.8	-0.8	7.5	-4.3	24.6	-1.4	4.5	12.2	16.0	19.4
FTSE Developed ex US Volatility Factor	0.2	5.0	5.0	11.7	12.2	35.9	3.9	6.3	10.4	13.9	16.0
FTSE Developed ex US Yield Factor	0.6	3.4	3.4	12.4	19.4	42.6	6.1	7.4	11.3	15.2	18.8
FTSE Developed ex US Momentum Factor	-0.3	8.3	8.3	17.1	15.0	52.5	4.8	8.8	11.6	15.9	17.1
FTSE Developed ex US Value Factor	-0.7	4.4	4.4	13.5	14.8	42.9	4.7	7.4	11.7	16.1	19.7
FTSE Developed Ex US	-0.7	4.8	4.8	11.6	7.9	40.6	2.6	7.0	11.4	15.8	18.0

* 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 Developed ex US Qual / Vol / Yield Factor	0.1	-2.0	2.7	21.9	-10.5	22.2	2.2	10.9	-10.7	18.0
FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind	0.2	-2.0	2.7	21.9	-10.5	22.2	2.2	10.9	-10.7	18.0
FTSE Developed ex US Quality Factor	-1.0	-1.3	1.6	28.8	-12.3	24.8	16.5	11.6	-19.3	19.4
FTSE Developed ex US Size Factor	-2.6	4.3	7.2	30.7	-15.7	19.6	10.2	5.9	-14.8	16.1
FTSE Developed ex US Volatility Factor	-0.3	-1.9	3.2	23.3	-10.9	23.7	4.1	13.6	-12.9	18.2
FTSE Developed ex US Yield Factor	-3.6	-5.8	6.3	22.6	-14.0	20.8	-1.2	14.9	-4.2	18.8
FTSE Developed ex US Momentum Factor	-5.1	-0.3	0.6	27.9	-13.8	23.5	15.9	11.0	-14.6	20.2
FTSE Developed ex US Value Factor	-4.3	-2.9	9.0	27.0	-15.8	17.6	1.7	14.1	-8.3	20.7
FTSE Developed Ex US	-4.0	-1.9	3.4	26.3	-14.1	22.6	10.2	11.8	-14.6	18.7

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Developed ex US Qual / Vol / Yield Factor	0.8	0.2	0.3	0.3	-8.5	-23.8	-33.2	-33.2
FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind	0.8	0.2	0.3	0.3	-8.5	-23.8	-33.3	-33.3
FTSE Developed ex US Quality Factor	1.1	0.1	0.4	0.4	-11.5	-33.1	-33.1	-33.1
FTSE Developed ex US Size Factor	0.6	-0.1	0.2	0.3	-13.3	-32.4	-37.8	-40.6
FTSE Developed ex US Volatility Factor	1.2	0.3	0.4	0.4	-9.3	-25.2	-33.2	-33.2
FTSE Developed ex US Yield Factor	1.1	0.4	0.4	0.3	-8.7	-23.1	-38.8	-39.7
FTSE Developed ex US Momentum Factor	1.5	0.3	0.5	0.4	-10.3	-27.7	-32.7	-32.7
FTSE Developed ex US Value Factor	1.2	0.3	0.4	0.3	-9.3	-27.4	-39.2	-43.6
FTSE Developed Ex US	1.1	0.2	0.4	0.3	-11.3	-28.9	-34.7	-34.7

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

INFORMATION

Index Universe

FTSE Developed ex US Index

Investability Screen

Actual free float and liquidity screen applied to underlying

Index Calculation

Indices 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 indices.

History

Available from September 2001

Top 10 Constituents - Qual/Vol/Yield

Constituent	Country/Market	ICB Industry	FTSE Developed ex US Qual / Vol / Yield Factor (Wgt %)	FTSE Developed Ex US (Wgt %)	Diff %
Novartis (REGD)	Switzerland	Health Care	3.64	1.07	2.57
Samsung Electronics	Korea	Telecommunications	3.56	1.39	2.17
Nestle	Switzerland	Consumer Staples	3.55	1.32	2.23
Roche Hldgs (GENUS)	Switzerland	Health Care	3.44	0.94	2.50
TotalEnergies SE	France	Energy	3.20	0.66	2.54
Shell	UK	Energy	3.18	1.13	2.06
Unilever	UK	Consumer Staples	2.09	0.67	1.42
AstraZeneca	UK	Health Care	1.95	1.15	0.79
Sanofi	France	Health Care	1.92	0.52	1.40
GSK	UK	Health Care	1.86	0.38	1.48
Totals			28.39	9.23	

ICB Industry Breakdown - Qual/Vol/Yield

		FTSE Developed ex US Qual / Vol / Yield Factor		FTSE Developed Ex US		
ICB Code	ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
10	Technology	10	1.24	108	9.17	-7.93
15	Telecommunications	31	9.16	42	4.11	5.05
20	Health Care	18	14.26	104	11.49	2.77
30	Financials	27	6.83	211	20.75	-13.92
35	Real Estate	56	2.18	105	2.27	-0.09
40	Consumer Discretionary	77	11.62	256	13.21	-1.60
45	Consumer Staples	48	13.05	123	6.81	6.24
50	Industrials	113	16.43	319	17.42	-0.98
55	Basic Materials	55	8.30	119	6.15	2.15
60	Energy	19	11.16	46	5.46	5.70
65	Utilities	38	5.76	60	3.15	2.61
Totals		492	100.00	1493	100.00	

Country/Market Breakdown - Qual/Vol/Yield

	FTSE Developed ex US Qual / Vol / Yield Factor		FTSE Developed Ex US		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	41	7.51	105	6.78	0.73
Austria	5	0.22	7	0.18	0.04
Belgium	2	0.13	14	0.78	-0.66
Canada	16	4.05	48	8.39	-4.34
Denmark	5	0.39	18	3.08	-2.69
Finland	7	1.09	14	0.85	0.24
France	26	12.21	69	8.95	3.26
Germany	21	6.03	70	7.07	-1.04
Hong Kong	18	1.83	72	1.75	0.09
Ireland	1	0.04	5	0.23	-0.19
Israel	7	0.21	30	0.53	-0.32
Italy	10	2.70	34	2.38	0.33
Japan	154	12.22	502	21.59	-9.37
Korea	26	5.96	160	4.65	1.31
Netherlands	11	1.74	31	4.32	-2.58
New Zealand	9	0.49	15	0.26	0.23
Norway	8	0.82	17	0.55	0.27
Poland	-	-	10	0.30	-0.30
Portugal	3	0.36	4	0.15	0.21
Singapore	28	2.80	36	1.12	1.68
Spain	10	1.76	25	2.26	-0.50
Sweden	12	1.44	52	2.78	-1.34
Switzerland	24	14.38	52	7.96	6.43
UK	48	21.60	103	13.08	8.51
Totals	492	100.00	1493	100.00	

Index Characteristics - FTSE Developed ex US Qual/Vol/Yield

Attributes	FTSE Developed ex US Qual / Vol / Yield Factor	FTSE Developed ex US Qual / Vol / Yield Factor 5% Capped Ind
Number of constituents	492	492
Dividend Yield %	3.86	3.86
Constituent (Wgt %)		
Average	0.20	0.20
Largest	3.64	3.64
Median	0.06	0.06
Top 10 Holdings (Wgt %)	28.39	28.39

Index Characteristics - FTSE Developed ex US Single Factors

Attributes	FTSE Developed ex US Quality Factor	FTSE Developed ex US Size Factor	FTSE Developed ex US Volatility Factor	FTSE Developed ex US Yield Factor
Number of constituents	722	986	493	660
Dividend Yield %	2.49	3.00	3.27	4.77
Constituent (Wgt %)				
Average	0.14	0.10	0.20	0.15
Largest	5.12	0.56	2.72	2.41
Median	0.04	0.08	0.09	0.06
Top 10 Holdings (Wgt %)	25.71	3.62	18.93	17.89

Index Characteristics - FTSE Developed ex US Single Factors (cont.)

Attributes	FTSE Developed ex US Momentum Factor	FTSE Developed ex US Value Factor	FTSE Developed Ex US
Number of constituents	1155	1106	1493
Dividend Yield %	2.71	4.15	2.93
Constituent (Wgt %)			
Average	0.09	0.09	0.07
Largest	3.49	3.26	2.17
Median	0.03	0.03	0.02
Top 10 Holdings (Wgt %)	16.15	16.37	13.46

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