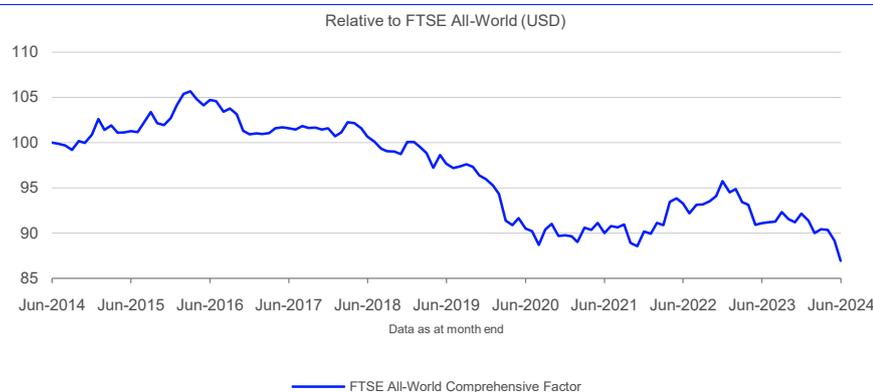


# FTSE All-World Comprehensive Factor Index

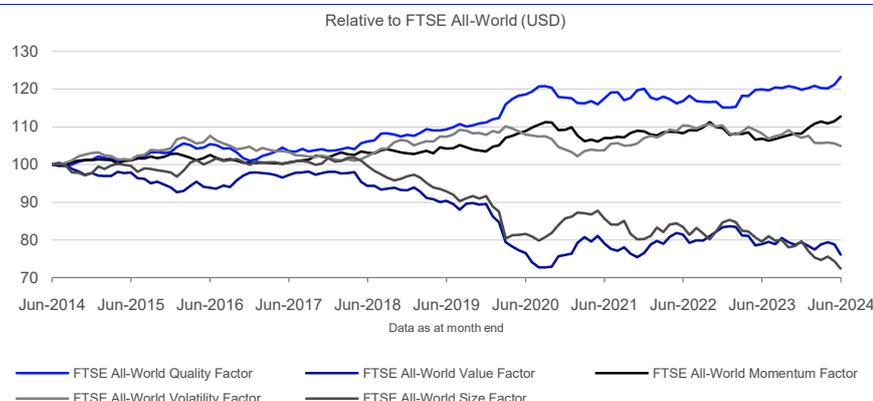
Data as at: 28 June 2024

The FTSE All-World Comprehensive Factor Index is a benchmark designed to capture exposure to five factors – Quality, Value, Momentum, Low Volatility and Size. These 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 Comprehensive Factor Performance relative to FTSE All World - Total Return



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



## Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE All-World Comprehensive Factor	-1.0	5.0	5.0	14.3	14.6	51.5	4.7	8.7	8.6	13.5	17.4
FTSE All-World Quality Factor	5.5	14.5	14.5	23.0	24.4	92.0	7.6	13.9	10.2	16.2	17.6
FTSE All-World Value Factor	-0.6	6.8	6.8	15.5	14.3	43.4	4.5	7.5	9.6	14.7	19.4
FTSE All-World Momentum Factor	4.1	16.0	16.0	26.4	25.0	84.2	7.7	13.0	9.7	15.5	17.1
FTSE All-World Volatility Factor	2.2	9.0	9.0	15.9	19.9	66.4	6.2	10.7	8.0	14.0	16.1
FTSE All-World Size Factor	-0.2	1.1	1.1	8.9	0.3	32.6	0.1	5.8	10.4	14.7	20.1
FTSE All-World	2.9	11.3	11.3	19.7	18.7	70.2	5.9	11.2	9.4	15.4	17.4

\* 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

## FEATURES

### Coverage

Derived from the FTSE All World Index, which represents large and mid cap companies in developed and emerging markets.

### 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.

### 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.

## Year-on-Year Performance - Total Return

Index % (USD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE All-World Comprehensive Factor	7.0	0.1	6.7	25.5	-10.4	22.0	9.0	19.5	-12.6	18.0
FTSE All-World Quality Factor	6.0	0.3	6.2	27.9	-5.4	31.1	23.5	21.2	-21.1	27.6
FTSE All-World Value Factor	2.9	-5.5	13.2	24.9	-13.6	22.3	-1.1	19.8	-10.3	16.7
FTSE All-World Momentum Factor	5.0	-0.1	6.2	26.4	-8.1	27.8	23.0	18.4	-16.9	20.8
FTSE All-World Volatility Factor	8.4	-0.4	9.0	21.4	-5.3	29.1	12.4	22.4	-15.1	19.0
FTSE All-World Size Factor	3.6	-1.5	10.8	26.9	-13.4	20.3	9.1	11.3	-13.1	15.4
FTSE All-World	4.8	-1.7	8.6	24.6	-9.1	27.2	16.6	18.9	-17.7	22.6

## Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE All-World Comprehensive Factor	1.7	0.3	0.5	0.5	-9.6	-23.0	-36.7	-36.7
FTSE All-World Quality Factor	2.3	0.5	0.8	0.8	-9.6	-27.9	-31.5	-31.5
FTSE All-World Value Factor	1.7	0.3	0.4	0.4	-10.0	-23.8	-40.2	-40.9
FTSE All-World Momentum Factor	2.8	0.5	0.8	0.7	-9.3	-24.9	-32.3	-32.3
FTSE All-World Volatility Factor	2.1	0.5	0.7	0.7	-8.7	-23.5	-33.0	-33.0
FTSE All-World Size Factor	0.9	0.0	0.3	0.3	-13.3	-26.9	-40.5	-41.1
FTSE All-World	2.2	0.4	0.6	0.6	-10.4	-26.0	-33.7	-33.7

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

Drawdown - based on daily data

## Top 10 Constituents - Comprehensive Factor

Constituent	Country/Market	ICB Industry	FTSE All-World Comprehensive Factor (Wgt %)	FTSE All-World (Wgt %)	Diff %
McKesson	USA	Consumer Staples	0.68	0.10	0.57
Cardinal Health	USA	Health Care	0.56	0.03	0.52
Microsoft Corp	USA	Technology	0.51	4.44	-3.94
Cencora Inc	USA	Consumer Staples	0.50	0.05	0.45
Hewlett Packard Enterprise	USA	Technology	0.46	0.04	0.42
Arch Capital Gp	USA	Financials	0.45	0.05	0.40
Check Point Software	USA	Technology	0.44	0.02	0.42
Cognizant Tech Solutions	USA	Technology	0.43	0.05	0.38
Leidos Holdings	USA	Technology	0.42	0.03	0.40
Petrochina (H)	China	Energy	0.41	0.03	0.38
<b>Totals</b>			<b>4.86</b>	<b>4.84</b>	

## INFORMATION

## Index Universe

FTSE All-World Index

## Index Launch

3 November 2016

## Base Date

20 September 2013

## Base Value

1000

## Investability Screen

Actual free float and liquidity screen applied to underlying

## Index Calculation

Indexes calculated end-of-day. Multifactor index also real-time.

## 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

## ICB Industry Breakdown - Comprehensive Factor

ICB Code	ICB Industry	FTSE All-World Comprehensive Factor		FTSE All-World		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
10	Technology	203	16.35	421	28.81	-12.46
15	Telecommunications	86	2.98	130	2.76	0.22
20	Health Care	145	5.50	350	10.58	-5.09
30	Financials	296	8.69	614	14.26	-5.57
35	Real Estate	101	2.50	240	2.20	0.30
40	Consumer Discretionary	333	13.57	621	13.32	0.25
45	Consumer Staples	194	9.04	324	5.11	3.93
50	Industrials	460	20.90	788	12.49	8.41
55	Basic Materials	177	6.96	387	3.20	3.75
60	Energy	108	5.55	183	4.47	1.08
65	Utilities	144	7.97	233	2.80	5.17
<b>Totals</b>		<b>2247</b>	<b>100.00</b>	<b>4291</b>	<b>100.00</b>	

## Country/Market Breakdown - Comprehensive Factor

Country/Market	FTSE All-World Comprehensive Factor		FTSE All-World		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Australia	83	3.21	105	1.84	1.37
Austria	5	0.10	7	0.05	0.05
Belgium	9	0.16	14	0.21	-0.05
Brazil	50	1.14	82	0.48	0.65
Canada	40	1.57	48	2.28	-0.71
Chile	15	0.30	21	0.05	0.25
China	87	1.69	1238	2.75	-1.06
Colombia	3	0.04	3	0.01	0.03
Czech Rep.	3	0.03	4	0.01	0.02
Denmark	15	0.35	18	0.84	-0.49
Egypt	3	0.05	3	0.01	0.05
Finland	13	0.40	14	0.23	0.17
France	49	1.62	69	2.43	-0.82
Germany	47	1.49	70	1.92	-0.44
Greece	12	0.39	29	0.06	0.33
Hong Kong	28	0.70	72	0.48	0.22
Hungary	4	0.21	4	0.03	0.19
Iceland	3	0.03	11	0.01	0.02
India	159	4.81	231	2.29	2.52
Indonesia	21	0.29	42	0.18	0.11
Ireland	3	0.12	5	0.06	0.06
Israel	17	0.25	30	0.14	0.11
Italy	30	0.91	34	0.65	0.26
Japan	377	12.27	502	5.87	6.40
Korea	67	1.73	160	1.26	0.47
Kuwait	6	0.08	8	0.08	0.01
Malaysia	33	0.89	39	0.18	0.72
Mexico	29	0.98	38	0.25	0.73
Netherlands	22	0.82	31	1.18	-0.36
New Zealand	14	0.39	15	0.07	0.32
Norway	13	0.39	17	0.15	0.24
Pakistan	1	0.01	1	0.00	0.01
Philippines	16	0.26	24	0.06	0.19
Poland	7	0.25	10	0.08	0.16
Portugal	3	0.23	4	0.04	0.19
Qatar	13	0.29	17	0.09	0.20
Romania	5	0.15	7	0.02	0.13
Saudi Arabia	48	0.79	62	0.44	0.36
Singapore	27	0.99	36	0.30	0.69
South Africa	30	0.80	40	0.31	0.48
Spain	17	0.41	25	0.61	-0.20
Sweden	42	1.95	52	0.76	1.20
Switzerland	46	1.51	52	2.16	-0.66
Taiwan	81	3.50	122	2.01	1.49
Thailand	25	0.40	50	0.17	0.23
Turkiye	25	0.57	111	0.13	0.44
UAE	20	0.43	32	0.16	0.27
UK	80	4.62	103	3.56	1.06
USA	501	45.42	579	63.03	-17.60
<b>Totals</b>	<b>2247</b>	<b>100.00</b>	<b>4291</b>	<b>100.00</b>	

**Index Characteristics - FTSE All World Comprehensive**

Attributes	FTSE All-World Comprehensive Factor
Number of constituents	2247
Dividend Yield %	2.63
Constituent (Wgt %)	
Average	0.04
Largest	0.68
Median	0.02
Top 10 Holdings (Wgt %)	4.86

**Index Characteristics - FTSE All World Single Factors**

Attributes	FTSE All-World Quality Factor	FTSE All-World Value Factor	FTSE All-World Momentum Factor
Number of constituents	938	2089	1646
Dividend Yield %	1.48	3.23	1.61
Constituent (Wgt %)			
Average	0.11	0.05	0.06
Largest	8.00	2.14	5.87
Median	0.02	0.02	0.02
Top 10 Holdings (Wgt %)	35.66	12.33	28.02

**Index Characteristics - FTSE All World Single Factors (cont.)**

Attributes	FTSE All-World Volatility Factor	FTSE All-World Size Factor	FTSE All-World
Number of constituents	824	2402	4291
Dividend Yield %	2.23	2.84	1.90
Constituent (Wgt %)			
Average	0.12	0.04	0.02
Largest	6.78	0.66	4.44
Median	0.05	0.03	0.00
Top 10 Holdings (Wgt %)	23.52	3.47	21.95

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