

Wilshire Indexes

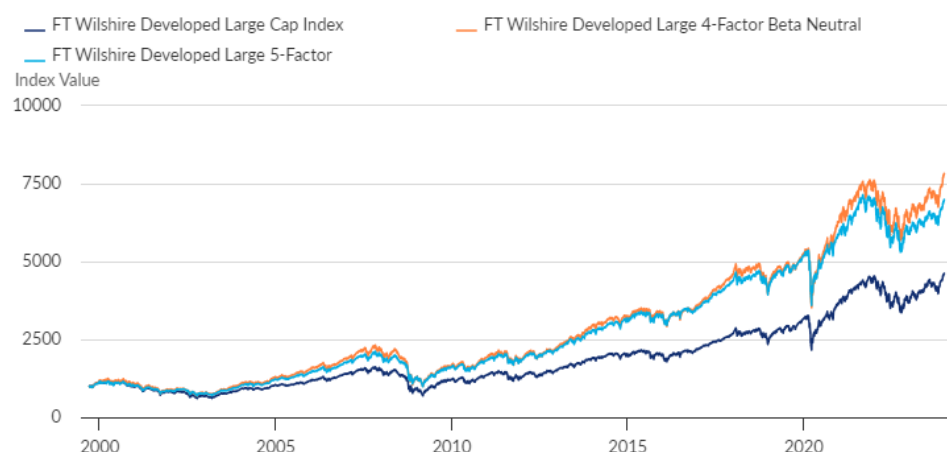
FT Wilshire Global Developed Large Multi Factor Index Series

December 31, 2023

The FT Wilshire Global Developed Multi Factor Indexes target specific on-target active factor exposure against the FT Wilshire Global Large Cap Index at review date

Factors targeted include Low Beta, Momentum, Quality, Size and Value. The FT Wilshire Global Developed Momentum, Quality, Size and Value Factor Index targets equal active exposure of 0.5 and zero exposure to Low Beta. The FT Wilshire Global Developed Multi-Factor Index targets equal active exposure of 0.4 to all the five factors. The multi factor indexes maintain sector neutrality. The inception date of the indexes is September 20, 1999

Cumulative Index Performance - Total Return



Index Performance - Total Return (%)

Performance(%)

Index	1M	3M	6M	YTD	1Y	3Y	5Y	10Y	Base Date
FT Wilshire Developed Large Cap Index	4.88	11.43	7.75	24.40	24.40	7.50	12.95	8.89	6.28
FT Wilshire Developed Large 4-Factor Beta Neutral	5.14	11.40	10.11	23.76	23.76	7.28	12.97	9.82	8.54
FT Wilshire Developed Large 5-Factor	4.14	10.29	8.27	17.99	17.99	5.70	10.77	9.24	8.06

Annual Performance (%)

Year-on-year performance (%)

Index	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FT Wilshire Developed Large Cap Index	27.10	5.40	-0.27	8.22	23.23	-8.35	28.57	16.57	22.55	-17.94	24.40
FT Wilshire Developed Large 4-Factor Beta Neutral	33.92	8.87	3.26	7.17	27.91	-9.10	25.88	19.97	20.85	-16.89	23.76
FT Wilshire Developed Large 5-Factor	30.01	12.35	3.54	7.15	25.22	-5.91	25.98	13.36	19.56	-15.84	17.99

Key data

Objective

Target specific multiple active factor exposures relative to the headline index

Weighting

Tilted from Float-Adjusted Market Capitalization Weights

Number of Constituents

Variable

Inception date

September 20, 1999

Usage

The index is designed for use in the creation of index tracking funds, derivatives and as a performance benchmark

Risk - Volatility and Tracking Error

Index	Risk - Volatility					Tracking Error					
	1Y	3Y	5Y	10Y	Base Date	1Y	3Y	5Y	10Y	Base Date	
FT Wilshire Developed Large Cap Index	11.19	16.67	18.05	14.86	15.72	N/A	N/A	N/A	N/A	N/A	
FT Wilshire Developed Large 4-Factor Beta Neutral	11.21	16.96	18.42	15.14	16.19	2.69	2.86	2.66	2.43	2.84	
FT Wilshire Developed Large 5-Factor	9.38	15.43	16.34	13.35	14.11	3.70	3.87	3.82	3.33	3.24	

Return/Risk Ratio and Drawdown

	Return/Risk ratio					Drawdown (%)				
Index	1Y	3Y	5Y	10Y	Base Date	1Y	3Y	5Y	10Y	Base Date
FT Wilshire Developed Large Cap Index	2.18	0.45	0.72	0.60	0.40	-10.27	-25.94	-34.01	-34.01	-57.37
FT Wilshire Developed Large 4-Factor Beta Neutral	2.12	0.43	0.70	0.65	0.53	-8.36	-25.54	-35.17	-35.17	-57.14
FT Wilshire Developed Large 5-Factor	1.92	0.37	0.66	0.69	0.57	-6.77	-25.82	-32.85	-32.85	-53.50

Factors - Active Exposures

Index	Low Beta		Momentum		Quality	Size	Value
FT Wilshire Developed Large 4-Factor Beta Neutral	0.00		0.50		0.50	0.49	0.49
FT Wilshire Developed Large 5-Factor	0.38		0.38		0.39	0.38	0.40

Fundamentals

Index	P/E	P/E Fwd	P/B	Div Yld (%)	P/Sales	P/Cash Flow
FT Wilshire Developed Large Cap Index	20.85	20.85	3.01	1.91	1.98	13.81
FT Wilshire Developed Large 4-Factor Beta Neutral	13.91	13.91	2.51	1.86	1.16	9.87
FT Wilshire Developed Large 5-Factor	15.24	15.24	2.57	2.13	1.19	10.31

Sector breakdown -Weights %

Sector	FT Wilshire Developed Large Cap Index	Dev Large 4-Factor Beta Neutral	Dev Large 5-Factor
Agriculture, Food and Beverage	3.58	3.46	3.54
Consumer Goods and Services	11.52	12.15	11.98
Digital Information and Services	16.77	16.44	15.6
Energy	7.18	6.94	7.08
Financials	16.97	16.65	16.87
Health Care	10.72	10.87	10.9
Industrials	8.12	7.88	8.16
Real Estate	2.43	2.49	2.38
Resources and Materials	4.79	4.88	4.94
Technology	13.3	13.46	13.68
Transportation	4.61	4.79	4.86

Sector breakdown - Number of constituents

Sector	FT Wilshire Developed Large Cap Index	Dev Large 4-Factor Beta Neutral	Dev Large 5-Factor
Agriculture, Food and Beverage	74	29	28
Consumer Goods and Services	204	76	78
Digital Information and Services	183	81	87
Energy	155	39	62
Financials	267	122	125
Health Care	138	57	43
Industrials	199	68	62
Real Estate	118	27	27
Resources and Materials	159	30	44
Technology	85	39	42
Transportation	119	32	42

Index characteristics - Weight (%)

Index	Weights %					
	Number of stocks	Largest	Average	Median	Smallest	Top 10
FT Wilshire Developed Large Cap Index	1,701	5.12	0.06	0.02	0	20.9
FT Wilshire Developed Large 4-Factor Beta Neutral	600	3.66	0.17	0.08	0.02	19.46
FT Wilshire Developed Large 5-Factor	640	3.93	0.16	0.07	0.02	18.96

Index characteristics - Market Cap

Index	Total Market Cap (USD Millions)				
	Total	Largest	Weighted Average	Median	Smallest
FT Wilshire Developed Large Cap Index	67,523,340.32	3,026,474.63	494,995.12	14,984.35	264.98
FT Wilshire Developed Large 4-Factor Beta Neutral	45,864,267.89	3,026,474.63	290,129.85	29,978.12	1,952.34
FT Wilshire Developed Large 5-Factor	49,305,588.86	3,026,474.63	286,196.84	31,449.6	1,952.34

Please visit wilshireindexes.com or email wilshire.indexes@wilshire.com.

The FT Wilshire® indexes are calculated and distributed by Wilshire OpCo UK Limited (Wilshire Indexes). It is not possible to invest directly in an index. Exposure to an asset class represented by an index may be available through investable instruments derived from that index. Wilshire Indexes makes no representations regarding the advisability of investing in investment products based on the indexes not sponsored, endorsed, sold or promoted by Wilshire Indexes. Index returns do not reflect payment of certain sales charges or fees an investor may pay to purchase the securities underlying the index or investment vehicles intended to track the performance of the index. The imposition of these fees and charges would cause actual performance of the securities/vehicles to be lower than the index performance shown. Inclusion of a company in the Wilshire indexes does not in any way reflect an opinion of Wilshire Indexes on the investment merits of the company.

This material is based upon information generally available to the public and from third party sources believed to be reliable. Wilshire Indexes does not independently verify any of the information it receives. Wilshire Indexes gives no representations or warranties as to the accuracy of such information, and accepts no responsibility or liability (including for indirect, consequential or incidental damages) for any error, omission or inaccuracy in such information and for results obtained from its use. Information is as of the date indicated, and is subject to change without notice. This material is intended for informational purposes only and should not be construed as legal, accounting, tax, investment, or other professional advice. Wilshire Indexes receives compensation in connection with licensing of its indices to third parties.

Wilshire and Wilshire 5000 are registered service marks owned by Wilshire Advisors LLC and are used under license. "FT" is the trade mark of the Financial Times Limited and is used under licence.

Wilshire Indexes is authorized and regulated by the Financial Conduct Authority as a benchmark administrator, with reference number 985021.