Wilshire Indexes

FT Wilshire Global Large Minimum Variance **Index Series**

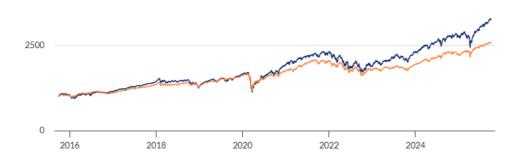
September 30, 2025

The FT Wilshire Minimum Variance Indexes use an optimization-based approach to achieve reduced index volatility relative to their market capitalization weighted benchmarks.

The FT Wilshire Global Large Minimum Variance Index seeks a balance between volatility reduction and portfolio diversification. In addition, it imposes non-negative constraints on factor exposures that act as sources of risk and return.

Cumulative Index Performance - Total Return





Index Performance - Total Return (%)

Performance(%)

Index	1M	3M	6M	YTD	1Y	3Y	5Y	10Y
FT Wilshire Global Large Cap Index	3.71	7.87	20.76	19.45	18.04	23.90	14.18	12.58
FT Wilshire Global Large Minimum Variance Index	2.28	4.29	11.57	16.73	12.38	16.91	9.95	9.99

Annual Performance (%)

Year-on-year performance (%)

Index	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
FT Wilshire Global Large Cap Index	-1.61	8.50	24.96	-9.03	27.35	16.99	19.02	-18.03	22.83	18.14
FT Wilshire Global Large Minimum Variance Index	3.67	5.99	21.82	-3.30	24.10	8.40	17.75	-13.96	9.80	14.02

Key data

Objective

Reduced index level volatility relative to the headline Index

Weighting

Optimized

Number of Constituents

Variable

History From

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	Risk - Volatility				Tracking Error			
Index	1Y	3Y	5Y	10Y	1Y	3Y	5Y	10Y
FT Wilshire Global Large Cap Index	13.50	12.38	14.90	14.62	N/A	N/A	N/A	N/A
FT Wilshire Global Large Minimum Variance Index	9.25	9.57	11.67	11.25	6.69	5.68	5.83	5.86

Return/Risk Ratio and Drawdown		Drawdown (%)						
Index	1Y	3Y	5Y	10Y	1Y	3Y	5Y	10Y
FT Wilshire Global Large Cap Index	1.34	1.93	0.95	0.86	-15.91	-15.91	-26.08	-33.77
FT Wilshire Global Large Minimum Variance Index	1.34	1.77	0.85	0.89	-8.16	-8.16	-22.69	-29.28

Factors - Active Exposures

Index	Low Beta	Momentum	Quality	Size	Value
FT Wilshire Global Large Minimum Variance Index	0.79	-0.01	-0.01	0.51	0.18

Fundamentals

Index	P/E	P/E Fwd	P/B	Div Yld (%)	P/Sales	P/Cash Flow
FT Wilshire Global Large Cap Index	24.20	15.46	3.50	1.68	2.42	15.75
FT Wilshire Global Large Minimum Variance Index	21.85	17.93	3.33	2.13	1.64	12.34

Sector breakdown - Weights %

Sector	FT Wilshire Global Large Cap Index	FT Wilshire Global Large Minimum Variance Index
Agriculture, Food and Beverage	2.58	4.6
Consumer Goods and Services	10.87	12
Digital Information and Services	18.11	16.29
Energy	6.06	8.18
Financials	18.29	16.94
Health Care	7.59	9.82
Industrials	8.24	9.78
Real Estate	1.75	1.17
Resources and Materials	4.1	3.14
Technology	18.22	15.95
Transportation	4.19	2.13

Sector breakdown - Number of constituents

Sector	FT Wilshire Global Large Cap Index	FT Wilshire Global Large Minimum Variance Index
Agriculture, Food and Beverage	131	19
Consumer Goods and Services	271	63
Digital Information and Services	287	83
Energy	275	54
Financials	549	112
Health Care	230	46
Industrials	335	55
Real Estate	122	12
Resources and Materials	297	20
Technology	255	86
Transportation	216	26

Country breakdown - Weights %

Austria 008 008 Beglum 029 029 Canada 042 029 Chile 006 022 Chile 006 022 Chine 045 022 Chine 046 023 Chine 049 023 Dimunk 049 040 Fland 029 040 Fland 029 040 Fland 029 040 Green 049 040 Gr	Name	FT Wilshire Global Large Cap Index	FT Wilshire Global Large Minimum Variance Index
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China 365 500 Colombia 001 301 Ceresh Republic 002 301 Demark 045 302 Eyyt 0 30 Filand 026 40 Filande 2,37 12 Germany 205 138 Greece 06 60 Hong Kong 49 60 Hungary 03 60 Indiad 188 22 Indoors 18 22	Canada	3.02	2.26
Colembia 0.01 Cisch Republic 0.02 0.1 Demmark 0.45 0.0 Egyd 0 0 Finland 0.25 0.0 Finland 0.25 0.0 Ermary 2.05 0.1 Gerece 0.05 0.0 Hong Kong 0.07 0.0 Hong Kong 0.03 0.0 India 1.88 0.22 India 1.89 0.0 India 1.99 0.0 India 1.99 0.0 India 1.99 0.0 <th>Chile</th> <th>0.06</th> <th>0.23</th>	Chile	0.06	0.23
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Filand 0.26 0.46 France 2.37 1.2 Gernary 2.05 1.8 Greece 0.06 0.1 Hong Kong 0.49 0.07 Hungary 0.03 0.00 Indicid 1.88 0.22 Indonesia 0.15 0.03 Ireland 0.13 0.03 Itay 0.75 0.06 Japan 5.2 0.0 Kowalt 0.05 0.00 Locembourg 0.0 0.00 Maloyla 0.13 0.00 Mexica 0.23 0.00 New Zealand 0.05 0.00 New Zealand 0.06 0.00 New Zealand 0.06 0.00 Peru 0.02 0.00 Polinghes 0.04 0.01 Polingor 0.01 0.00 Province of China Taiwan 0.1 0.00 Sauda Arabia 0.2 0.00 <th>Denmark</th> <th>0.45</th> <th>0.29</th>	Denmark	0.45	0.29
France 2.75 1.26 Germany 2.05 1.81 Grece 0.06 0.01 Hong Kong 0.07 0.02 Hungary 0.03 0.00 India 1.88 0.22 Indonesia 0.15 0.03 Ireland 0.13 0.00 Isry 0.75 0.00 Isry 0.75 0.00 Isry 0.05 0.00 Isry 0.00 0	Egypt	0	0.1
Germany 205 18 Greece 306 31 Hong Kong 449 30 Hungary 303 30 India 188 32 Indonesia 0.15 30 Ireland 0.13 30 Israel 208 30 Japan 52 40 Kwait 00 30 Luxenbourg 0 30 Mexica 0.23 30 Mexica 0.23 30 New Easland 0.13 30 New Zealand 0.06 30 New Zealand 0.06 30 Prillippines 0.01 30 Province Cofinina Talvan 0.01 30 Province Cofinina Talvan 2.01 30 Sauda Arabia 0.36 30 South Africa 0.37 30 South Africa 0.37 30 South Africa 0.77 30	Finland	0.26	0.43
Greece 0.66 0.15 Hong Kong 0.49 0.07 Hungary 0.03 0.02 India 1.88 0.22 Indoosia 0.15 0.03 Ireland 0.13 0.03 Izage 0.28 0.00 Jayan 5.2 0.00 Jayan 5.2 0.00 Kwalt 0.03 0.00 Kwalt 0.03 0.00 Mexco 0.23 0.00 Mexco 0.23 0.00 Netberlands 0.13 0.00 Netberlands 0.13 0.00 Netberlands 0.14 0.00 Norway 0.16 0.00 Portug 0.01 0.00 Sugic	France	2.37	1.22
Hone Kong 0.49 0.70 Hungary 0.03 0.00 India 1.88 0.20 Indonesia 0.15 0.03 Ireland 0.13 0.00 Israel 0.28 0.00 Italy 0.75 0.06 Japan 0.52 0.00 Kuwalt 0.05 0.00 Muserbourg 0 0.00 Mexico 0.02 0.00 Mexico 0.23 0.05 Networay 0.16 0.00 Nev Zealard 0.06 0.00 Peru 0.02 0.00 Porus 0.02 0.00 Porus 0.02 0.00 Porus 0.01 0.00 Porus 0.02 0.00 Porus 0.01 0.00 Porus 0.01 0.00 Porus 0.01 0.00 Republic Krea 0.02 0.00 Sugardario	Germany	2.05	1.88
Hungary 0.03 India 1.88 2.2 Indonesia 0.15 0.2 Indenesia 0.3 0.2 Ireland 0.3 0.2 Israel 0.28 0.0 Italy 0.75 0.0 Alpan 5.2 0.0 Kuwait 0.05 0.0 Luxembourg 0.0 0.0 Malaysia 0.13 0.0 Mexico 0.23 0.0 New Estaland 0.13 0.0 New Scaland 0.0 0.0 Norway 0.16 0.0 Portug 0.0 0.0 Portug 0.0 0.0 Portug 0.0 0.0 Portug 0.0 0.0 Quadration 0.0 0.0 Portug 0.0 0.0 Portug 0.0 0.0 Republic/Norea 0.2 0.0 Squid-Arabia 0.0	Greece	0.06	0.15
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Ireland 0.13 Israel 0.28 0.0 Italy 0.75 0.66 Alayan 5.2 0.0 Kuwit 0.05 0.00 Luxembourg 0 0 Malaysia 0.13 0.4 Mexico 0.23 0.5 Netherlands 1 0.6 New Zealand 0.06 0.0 Norway 0.16 0.1 Peru 0.02 0.1 Peru Philippines 0.04 0.0 Poland 0.12 0.0 Province of China Talwan 2.21 0.0 Qatar 0.04 0.0 Republic of Korea 1.25 0.0 Singapore 0.47 0.0 South Africa 0.32 0.0 Sweden 0.77 0.0 Sweden 0.77 0.0 Switzerland 1.93 0.0 Turkey 0.00 0.0 United K	India	1.88	2.26
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Luxembourg 0 Malaysia 0.13 0.44 Mexico 0.23 0.5 Netherlands 1 0.6 New Zealand 0.06 0.6 Norway 0.16 0.17 Peru 0.02 0.12 Philippines 0.04 0.1 Poland 0.12 0.00 Portugal 0.04 0.0 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 0.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.9 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 0.2 Turkey 0.06 0.7 United Kingdom 3.34 0.7	Japan	5.2	4.09
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Netherlands 1 0.6 New Zealand 0.06 0.06 Norway 0.16 0.01 Peru 0.02 0.02 Philippines 0.04 0.1 Poland 0.12 0.0 Portugal 0.04 0.0 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.0 Spain 0.77 0.1 Sweden 0.77 0.1 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Malaysia	0.13	0.47
New Zealand 0.06 Norway 0.16 0.1 Peru 0.02 0.1 Philippines 0.04 0.1 Poland 0.12 0.0 Portugal 0.04 0.0 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.3 Spain 0.77 0.1 Sweden 0.77 0.1 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Mexico	0.23	0.54
Norway 0.16 0.1 Peru 0.02 0.1 Philippines 0.04 0.1 Poland 0.12 0.0 Portugal 0.04 0.0 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 Spain 0.77 0.1 Sweden 0.77 0.1 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Netherlands	1	0.68
Peru 0.02 Philippines 0.04 0.1 Poland 0.12 0.0 Portugal 0.04 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	New Zealand	0.06	0
Philippines 0.04 0.12 Poland 0.12 0.0 Portugal 0.04 0.0 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 Spain 0.77 0.1 Sweden 0.77 0.1 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Norway	0.16	0.18
Poland 0.12 0.00 Portugal 0.04 4.00 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.1 Sweden 0.77 0.1 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Peru	0.02	0
Portugal 0.04 Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.1 Sweden 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Philippines	0.04	0.15
Province of China Taiwan 2.21 4.0 Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.1 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Poland	0.12	0.06
Qatar 0.05 0.4 Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.7 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Portugal	0.04	0
Republic of Korea 1.25 1.0 Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.1 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Province of China Taiwan	2.21	4.03
Saudi Arabia 0.36 0.9 Singapore 0.47 0.3 South Africa 0.38 0.1 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Qatar	0.05	0.45
Singapore 0.47 0.3 South Africa 0.38 0.7 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Republic of Korea	1.25	1.03
South Africa 0.38 Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Saudi Arabia	0.36	0.99
Spain 0.77 0.1 Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Singapore	0.47	0.36
Sweden 0.77 0.2 Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	South Africa	0.38	0
Switzerland 1.93 2.7 Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Spain	0.77	0.15
Thailand 0.12 0.5 Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7		0.77	0.22
Turkey 0.06 0.7 United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Switzerland	1.93	2.75
United Arab Emirates 0.17 0.9 United Kingdom 3.34 2.7	Thailand		0.54
United Kingdom 3.34 2.7	Turkey	0.06	0.76
	United Arab Emirates		0.98
United States 63.01 61.2	United Kingdom	3.34	2.78
	United States	63.01	61.23

Country breakdown - Number of constituents

Name	FT Wilshire Global Large Cap Index	FT Wilshire Global Large Minimum Variance Index
Australia	83	0
Austria	12	1
Belgium	20	3
Brazil	42	10
Canada	95	17
Chile	14	3
China	722	74
Colombia	4	0
Czech Republic	3	1
Denmark	22	2
Egypt	1	1
Finland	18	4
France	39	6
Germany	48	11
Greece	9	2
Hong Kong	47	9
Hungary	4	1
India	221	29
Indonesia	21	4
Ireland	8	0
Israel	32	6
Italy	39	4
Japan	319	33
Kuwait	5	2
Luxembourg	1	0
Malaysia	27	5
Mexico	17	4
Netherlands	20	2
New Zealand	8	0
Norway	21	2
Peru	3	0
Philippines	12	2
Poland	19	1
Portugal	4	0
Province of China Taiwan	115	30
Qatar	11	6
Republic of Korea	99	10
Saudi Arabia	39	10
Singapore	30	2
South Africa	29	0
Spain	24	1
Sweden	64	3
Switzerland	34	17
Thailand	27	3
Turkey	18	11
United Arab Emirates	16	7
United Kingdom	84	17
United States	418	220

Index characteristics - Weight (%)

Weights %

Index	Number of constituents	Largest	Average	Median	Smallest	Top 10
FT Wilshire Global Large Cap Index	2,968	4.87	0.03	0.01	0	24.66
FT Wilshire Global Large Minimum Variance Index	576	1.03	0.17	0.11	0.02	8.18

Index characteristics - Market Cap

Total Market Cap (USD Millions)

Index	Total	Largest	Weighted Average	Median	Smallest
FT Wilshire Global Large Cap Index	114,801,057.76	4,533,894	854,770.64	11,625.14	706.72
FT Wilshire Global Large Minimum Variance Index	63,878,838.81	4,533,894	231,653.45	35,296.43	1,239.7

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