

FTSE Infrastructure Index Series

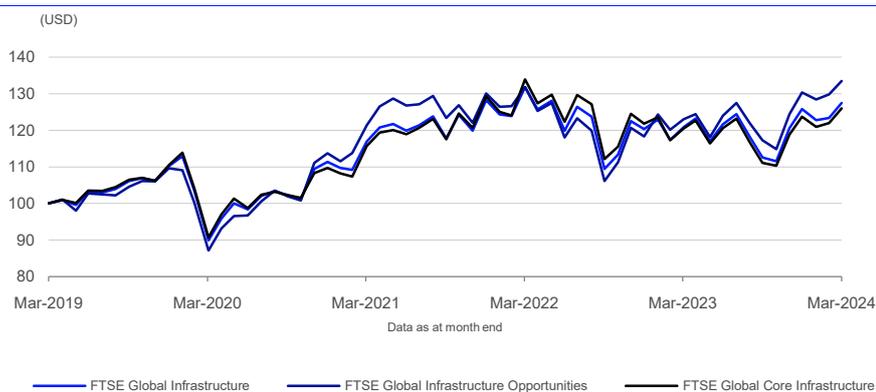
Data as at: 29 March 2024

The FTSE Infrastructure Index Series is a comprehensive set of nine cap-weighted indices, diversified across six FTSE-defined infrastructure sub-sectors, to reflect the performance of infrastructure and infrastructure-related listed securities worldwide.

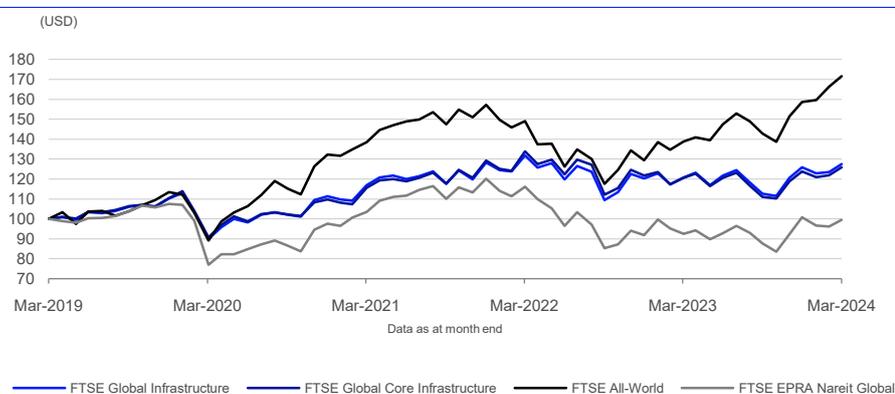
The Index Series uses a building block approach to give investors greater choice and flexibility in the way they can benchmark, research and manage their exposure to global infrastructure. Infrastructure is defined by FTSE as companies that own, manage or operate structures or networks, which are used for the processing or movement of goods, services, information/data, people, energy and necessities. This definition forms the basis for the FTSE Core Infrastructure Sectors and the FTSE Core Infrastructure Indices.

FTSE further expands the definition of infrastructure from the structures and networks to include the conveyance of goods, services, information/data, people, energy and necessities. This forms the basis for the FTSE Infrastructure-Related Sectors and the FTSE Infrastructure Opportunities Indices.

5-Year Performance - Total Return



FTSE Global Infrastructure Indices against FTSE All-World and FTSE EPRA Nareit Global 5-Year Performance - Total Return



FEATURES

Coverage

Constituents are selected from the FTSE Global All Cap Index using FTSE Russell's definition of infrastructure. FTSE Russell applies minimum infrastructure revenue thresholds of 65% for constituents of the Core Infrastructure indexes and 20% for constituents of the Infrastructure Opportunities indexes.

Market Cap Adjustment

FTSE applies a 10% market cap adjustment across all constituents of the Infrastructure-related sectors to reduce excessive concentration in individual sectors and provide a more balanced exposure.

Objective

The indexes are designed for the creation of index tracking funds, derivatives and as a performance benchmark.

Investability

Stocks are selected and weighted to ensure that the index is investable.

Liquidity

Stocks are screened to ensure that the index is tradable.

Transparency

Index methodologies are freely available on the FTSE Russell website.

Availability

The indexes are calculated based on price and total return methodologies, on an end-of-day basis.

Industry Classification Benchmark (ICB)

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis. Constituents are screened according to ICB Subsectors that meet FTSE's definition of infrastructure.

Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Global Infrastructure	1.3	13.2	1.3	5.5	9.0	27.5	2.9	5.0	11.0	14.8	15.9
FTSE Global Infrastructure Opportunities	2.4	13.8	2.4	8.5	10.0	33.5	3.2	6.0	9.7	13.6	16.0
FTSE Global Core Infrastructure	1.8	13.4	1.8	4.5	8.9	26.0	2.9	4.7	11.6	15.2	15.9
FTSE Global Equity Index Series wi All Cap	7.9	19.9	7.9	23.1	22.0	69.4	6.9	11.1	9.8	15.5	18.1
FTSE All-World	8.1	20.1	8.1	23.6	23.8	71.6	7.4	11.4	9.6	15.2	17.7

* 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 Global Infrastructure	15.3	-9.3	12.1	16.9	-2.4	24.9	1.0	15.2	-6.2	4.6
FTSE Global Infrastructure Opportunities	5.6	-7.5	11.8	16.4	-8.9	21.6	3.7	14.5	-9.0	10.2
FTSE Global Core Infrastructure	18.9	-10.6	13.1	16.9	-0.9	26.3	-0.7	17.8	-5.8	1.6
FTSE Global Equity Index Series wi All Cap	4.5	-1.7	9.0	24.4	-9.6	27.1	16.8	18.5	-17.9	22.2
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 Global Infrastructure	0.6	0.2	0.3	0.5	-13.5	-20.9	-34.5	-34.5
FTSE Global Infrastructure Opportunities	1.0	0.2	0.4	0.4	-11.6	-21.8	-32.7	-32.7
FTSE Global Core Infrastructure	0.5	0.2	0.3	0.5	-13.9	-20.8	-35.3	-35.3
FTSE Global Equity Index Series wi All Cap	2.5	0.4	0.6	0.6	-10.8	-26.1	-34.3	-34.3
FTSE All-World	2.6	0.5	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

FTSE Global Infrastructure Index - Top 10 Constituents

Constituent	Country	ICB Subsector	Net MCap (USDm)	Wgt %
Union Pacific Corp	USA	Railroads	149,718	4.74
NextEra Energy Inc	USA	Conventional Electricity	131,021	4.15
American Tower Corp	USA	Infrastructure REITs	91,867	2.91
Canadian Pacific Kansas City Limited	Canada	Railroads	81,930	2.59
Southern Co	USA	Conventional Electricity	78,071	2.47
Enbridge	Canada	Pipelines	76,412	2.42
Canadian National Railway	Canada	Railroads	75,363	2.39
Duke Energy Corp	USA	Multi-utilities	74,447	2.36
CSX Corp	USA	Railroads	73,047	2.31
Iberdrola	Spain	Conventional Electricity	72,769	2.30
Totals			904,644	28.64

INFORMATION

Index Universe

FTSE Global All Cap Index

Index Launch

31 March 2011

Base Date

16 December 2005

Base Value

1000

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

End-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD, EUR, GBP, JPY and AUD

Review Dates

Semi-annually in March & September

History

Available from December 2005

Fundamental Research

Fundamental research on the constituents of the FTSE Infrastructure Index Series is provided by LPX Group.

LPX Group Website

www.lpx-group.com

ICB Subsector Breakdown

ICB Code	ICB Subsector	FTSE Global Infrastructure			FTSE Global Infrastructure Opportunities			FTSE Global Core Infrastructure		
		No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
10101010	Computer Services	15	3,912	0.12	15	39,119	0.66	-	-	-
10101020	Consumer Digital Services	1	181	0.01	1	1,807	0.03	-	-	-
15101010	Telecommunications Equipment	33	13,477	0.43	33	50,161	0.85	6	9,401	0.37
15102015	Telecommunications Services	112	145,573	4.61	112	1,089,381	18.51	14	40,705	1.62
35102025	Infrastructure REITs	6	163,412	5.17	6	163,412	2.78	6	163,412	6.50
40501010	Airlines	46	7,910	0.25	46	79,102	1.34	-	-	-
40501015	Travel and Tourism	7	7,859	0.25	7	9,416	0.16	-	-	-
50101010	Construction	99	25,758	0.82	99	236,750	4.02	1	2,314	0.09
50101015	Engineering and Contracting Services	56	15,456	0.49	56	154,561	2.63	-	-	-
50101030	Cement	71	22,812	0.72	71	228,121	3.88	-	-	-
50101035	Building Materials: Other	17	17,511	0.55	17	175,110	2.97	-	-	-
50201010	Aerospace	6	3,450	0.11	6	34,496	0.59	-	-	-
50205020	Professional Business Support Services	3	2,367	0.07	3	23,671	0.40	-	-	-
50206010	Trucking	16	11,061	0.35	16	110,609	1.88	-	-	-
50206020	Railroads	23	527,271	16.69	23	527,394	8.96	16	502,609	20.00
50206030	Marine Transportation	58	11,518	0.36	58	115,176	1.96	-	-	-
50206040	Delivery Services	31	24,725	0.78	31	247,249	4.20	-	-	-
50206060	Transportation Services	111	163,268	5.17	111	239,218	4.06	71	146,608	5.83
55101000	Diversified Materials	7	1,974	0.06	7	19,744	0.34	-	-	-
55102010	Iron and Steel	114	35,288	1.12	114	352,878	5.99	-	-	-
55102035	Aluminum	27	3,814	0.12	27	38,143	0.65	-	-	-
60101035	Pipelines	15	363,242	11.50	15	363,242	6.17	13	351,929	14.00
65101010	Alternative Electricity	10	35,759	1.13	10	35,759	0.61	6	9,548	0.38
65101015	Conventional Electricity	78	1,042,985	33.02	78	1,042,985	17.72	69	857,418	34.12
65102000	Multi-utilities	17	294,062	9.31	17	294,062	5.00	14	258,175	10.27
65102020	Gas Distribution	41	122,050	3.86	41	122,050	2.07	33	99,441	3.96
65102030	Water	25	91,912	2.91	25	92,952	1.58	20	71,463	2.84
Totals		1045	3,158,606	100.00	1045	5,886,569	100.00	269	2,513,025	100.00

Country Breakdown

Country	FTSE Global Infrastructure			FTSE Global Infrastructure Opportunities			FTSE Global Core Infrastructure		
	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
Australia	23	50,664	1.60	23	88,792	1.51	5	42,704	1.70
Austria	7	1,675	0.05	7	6,869	0.12	2	1,098	0.04
Belgium	8	5,614	0.18	8	19,606	0.33	1	4,059	0.16
Brazil	38	61,003	1.93	38	120,804	2.05	19	40,808	1.62
Canada	17	348,376	11.03	17	375,328	6.38	10	339,192	13.50
Chile	10	6,284	0.20	10	10,222	0.17	4	3,419	0.14
China	229	48,894	1.55	229	130,170	2.21	59	36,587	1.46
Colombia	1	2,254	0.07	1	2,254	0.04	1	2,254	0.09
Denmark	7	4,040	0.13	7	40,396	0.69	-	-	-
Egypt	1	27	0.00	1	272	0.00	-	-	-
Finland	4	855	0.03	4	8,551	0.15	-	-	-
France	17	77,655	2.46	17	209,265	3.55	4	13,485	0.54
Germany	13	17,482	0.55	13	153,942	2.62	2	2,320	0.09
Greece	9	3,885	0.12	9	8,666	0.15	4	3,354	0.13
Hong Kong	15	38,492	1.22	15	47,542	0.81	5	37,486	1.49
Hungary	1	89	0.00	1	892	0.02	-	-	-
Iceland	2	30	0.00	2	298	0.01	-	-	-
India	66	78,366	2.48	66	235,256	4.00	17	60,934	2.42
Indonesia	11	5,223	0.17	11	18,002	0.31	5	3,803	0.15
Israel	5	508	0.02	5	5,078	0.09	-	-	-
Italy	14	85,472	2.71	14	93,800	1.59	6	32,493	1.29
Japan	125	175,498	5.56	125	476,282	8.09	18	106,317	4.23
Korea	33	10,485	0.33	33	61,538	1.05	3	4,813	0.19
Kuwait	3	452	0.01	3	4,516	0.08	-	-	-
Malaysia	14	13,394	0.42	14	33,999	0.58	2	11,104	0.44
Mexico	11	22,967	0.73	11	57,397	0.98	5	19,142	0.76
Netherlands	6	5,396	0.17	6	31,373	0.53	1	2,509	0.10
New Zealand	7	8,304	0.26	7	19,004	0.32	2	7,116	0.28
Norway	10	2,146	0.07	10	21,456	0.36	-	-	-
Pakistan	1	24	0.00	1	241	0.00	-	-	-
Philippines	6	8,225	0.26	6	11,608	0.20	2	7,849	0.31
Poland	2	318	0.01	2	3,178	0.05	-	-	-
Portugal	3	12,679	0.40	3	13,041	0.22	1	914	0.04
Qatar	5	1,001	0.03	5	10,007	0.17	-	-	-
Saudi Arabia	16	8,646	0.27	16	36,887	0.63	1	4,122	0.16
Singapore	7	4,857	0.15	7	26,180	0.44	2	2,488	0.10
South Africa	4	1,380	0.04	4	13,796	0.23	-	-	-
Spain	15	126,877	4.02	15	184,765	3.14	5	47,676	1.90
Sweden	10	2,997	0.09	10	29,972	0.51	-	-	-
Switzerland	7	16,665	0.53	7	127,967	2.17	1	4,298	0.17
Taiwan	37	9,223	0.29	37	74,600	1.27	1	1,959	0.08
Thailand	20	14,652	0.46	20	24,979	0.42	8	13,504	0.54
Turkiye	27	3,654	0.12	27	20,677	0.35	4	1,762	0.07
UAE	9	11,828	0.37	9	32,230	0.55	4	9,561	0.38
UK	24	114,241	3.62	24	213,376	3.62	7	80,512	3.20
USA	145	1,745,810	55.27	145	2,781,497	47.25	58	1,563,382	62.21
Totals	1045	3,158,606	100.00	1045	5,886,569	100.00	269	2,513,025	100.00

Index Characteristics

Attributes	FTSE Global Infrastructure	FTSE Global Infrastructure Opportunities	FTSE Global Core Infrastructure
Number of constituents	1045	1045	269
Net MCap (USDm)	3,158,606	5,886,569	2,513,025
Dividend Yield %	3.58	3.48	3.58
Constituent Sizes (Net MCap USDm)			
Average	3,023	5,633	9,342
Largest	149,718	176,360	149,718
Smallest	3	33	45
Median	164	1,013	2,304
Weight of Largest Constituent (%)	4.74	3	5.96
Top 10 Holdings (% Index MCap)	28.64	18.70	35.40

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Data definitions available from
info@ftserussell.com

To learn more, visit lseg.com/ftse-russell;
email 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 6441 1430

Sydney +61 (0) 2 7228 5659