

FTSE Core Infrastructure Indices

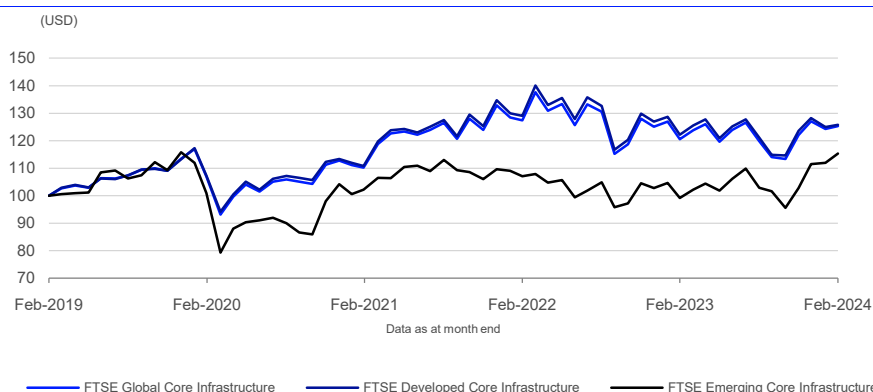
Data as at: 29 February 2024

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.

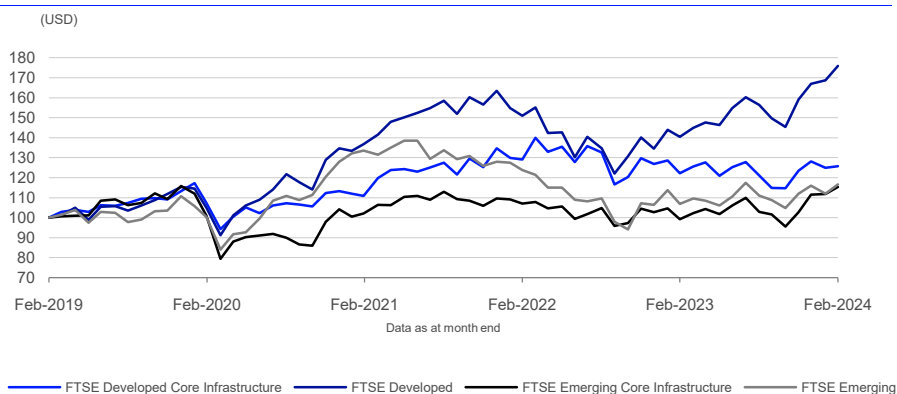
The Index Series uses a building block approach to give investors greater choice and flexibility in the way they can benchmark, research and manage their exposure to global infrastructure. Infrastructure is defined by FTSE Russell as companies that own, manage or operate structures or networks, which 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 Russell 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 Core Infrastructure Indices against FTSE Developed Index and FTSE Emerging Index - 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 indices and 20% for constituents of the Infrastructure Opportunities indices.

Objective

The indices 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 indices 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 Core Infrastructure	2.6	4.6	-1.4	4.0	13.6	25.3	4.4	4.6	12.1	15.4	15.9
FTSE Developed Core Infrastructure	1.8	3.9	-1.9	2.9	13.5	25.8	4.3	4.7	12.7	15.9	16.0
FTSE Emerging Core Infrastructure	12.3	12.1	3.4	16.3	12.8	15.3	4.1	2.9	10.9	13.4	18.8
FTSE Global Equity Index Series wi All Cap	9.9	11.5	4.5	22.4	21.4	66.0	6.7	10.7	10.3	15.6	18.0
FTSE Developed	10.5	12.5	5.3	25.2	28.6	76.0	8.7	12.0	10.5	15.8	18.1
FTSE Emerging	4.1	5.1	0.5	9.2	-12.7	16.7	-4.4	3.1	11.8	15.8	18.2

* 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 Core Infrastructure	18.9	-10.6	13.1	16.9	-0.9	26.3	-0.7	17.8	-5.8	1.6
FTSE Developed Core Infrastructure	20.1	-10.7	13.1	16.2	-0.5	26.4	0.1	18.8	-5.8	1.0
FTSE Emerging Core Infrastructure	-0.6	-9.5	12.0	28.3	-7.4	23.7	-10.1	5.3	-6.3	8.6
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 Developed	5.1	-0.3	8.2	23.9	-8.6	28.0	16.7	21.4	-17.8	24.2
FTSE Emerging	1.6	-15.2	13.5	32.5	-13.0	20.6	15.5	0.1	-16.9	9.1

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Global Core Infrastructure	0.3	0.3	0.3	0.5	-13.9	-20.8	-35.3	-35.3
FTSE Developed Core Infrastructure	0.2	0.3	0.3	0.5	-14.3	-21.7	-35.2	-35.2
FTSE Emerging Core Infrastructure	1.4	0.2	0.2	0.3	-13.2	-17.3	-39.8	-39.8
FTSE Global Equity Index Series wi All Cap	2.1	0.4	0.6	0.6	-10.8	-26.1	-34.3	-34.3
FTSE Developed	2.3	0.5	0.7	0.6	-10.4	-26.1	-34.0	-34.0
FTSE Emerging	0.7	-0.3	0.2	0.2	-11.3	-32.9	-34.8	-35.7

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

Top 10 Constituents - FTSE Developed Core Infrastructure Index

Constituent	Country	ICB Subsector	Net MCap (USDm)	Wgt %
Union Pacific Corp	USA	Railroads	154,442	6.95
NextEra Energy Inc	USA	Conventional Electricity	111,584	5.02
American Tower Corp	USA	Infrastructure REITs	92,457	4.16
Canadian Pacific Kansas City Limited	Canada	Railroads	78,868	3.55
Canadian National Railway	Canada	Railroads	75,535	3.40
CSX Corp	USA	Railroads	74,761	3.37
Southern Co	USA	Conventional Electricity	73,185	3.30
Enbridge	Canada	Pipelines	72,655	3.27
Duke Energy Corp	USA	Multi-utilities	70,690	3.18
Norfolk Sthn Corp	USA	Railroads	57,485	2.59
Totals			861,663	38.80

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

Top 10 Constituents - FTSE Emerging Core Infrastructure Index

Constituent	Country	ICB Subsector	Net MCap (USDm)	Wgt %
Power Grid Corp of India	India	Conventional Electricity	14,289	6.68
Adani Ports and Special Economic Zone	India	Transportation Services	11,826	5.53
Tenaga Nasional	Malaysia	Conventional Electricity	8,709	4.07
Airports of Thailand	Thailand	Transportation Services	7,588	3.55
Tata Power	India	Conventional Electricity	7,417	3.47
ENN Energy Holdings (P Chip)	China	Gas Distribution	6,251	2.92
Equatorial Energia S/A Ord	Brazil	Conventional Electricity	6,053	2.83
Grupo Aeroportuario del Sureste SA de CV	Mexico	Transportation Services	5,849	2.73
Rumo S.A.	Brazil	Transportation Services	5,725	2.68
Grupo Aeroportuario del Pacifico SAB de CV Series B	Mexico	Transportation Services	5,693	2.66
Totals			79,399	37.10

ICB Subsector Breakdown

		FTSE Developed Core Infrastructure			FTSE Emerging Core Infrastructure		
ICB Code	ICB Subsector	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
15101010	Telecommunications Equipment	3	3,119	0.14	3	6,722	3.14
15102015	Telecommunications Services	8	36,254	1.63	7	7,244	3.39
35102025	Infrastructure REITs	4	163,756	7.37	2	1,242	0.58
50101010	Construction	-	-	-	1	2,269	1.06
50206020	Railroads	10	500,400	22.53	5	4,769	2.23
50206060	Transportation Services	12	66,399	2.99	48	76,318	35.66
60101035	Pipelines	11	333,440	15.01	2	126	0.06
65101010	Alternative Electricity	-	-	-	6	9,836	4.60
65101015	Conventional Electricity	47	738,310	33.24	22	71,955	33.63
65102000	Multi-utilities	14	248,787	11.20	-	-	-
65102020	Gas Distribution	17	72,685	3.27	14	21,040	9.83
65102030	Water	8	57,821	2.60	13	12,467	5.83
Totals		134	2,220,972	100.00	123	213,989	100.00

Country Breakdown

Country	FTSE Developed Core Infrastructure			FTSE Emerging Core Infrastructure		
	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
Australia	5	42,342	1.91	-	-	-
Austria	2	1,238	0.06	-	-	-
Belgium	1	4,177	0.19	-	-	-
Brazil	-	-	-	19	41,092	19.20
Canada	10	330,601	14.89	-	-	-
Chile	-	-	-	4	3,539	1.65
China	-	-	-	46	35,659	16.66
Colombia	-	-	-	1	1,876	0.88
France	4	13,205	0.59	-	-	-
Germany	2	2,417	0.11	-	-	-
Greece	-	-	-	3	3,311	1.55
Hong Kong	5	38,546	1.74	-	-	-
India	-	-	-	16	57,321	26.79
Indonesia	-	-	-	5	3,730	1.74
Italy	6	31,391	1.41	-	-	-
Japan	18	101,741	4.58	-	-	-
Korea	3	5,452	0.25	-	-	-
Malaysia	-	-	-	2	10,644	4.97
Mexico	-	-	-	6	18,269	8.54
Netherlands	1	2,419	0.11	-	-	-
New Zealand	3	9,136	0.41	-	-	-
Philippines	-	-	-	3	7,796	3.64
Portugal	1	912	0.04	-	-	-
Saudi Arabia	-	-	-	1	4,168	1.95
Singapore	2	2,492	0.11	-	-	-
Spain	5	47,154	2.12	-	-	-
Switzerland	1	4,007	0.18	-	-	-
Taiwan	-	-	-	1	1,990	0.93
Thailand	-	-	-	8	13,392	6.26
Turkiye	-	-	-	4	1,822	0.85
UAE	-	-	-	4	9,379	4.38
UK	7	78,310	3.53	-	-	-
USA	58	1,505,432	67.78	-	-	-
Totals	134	2,220,972	100.00	123	213,989	100.00

Index Characteristics

Attributes	FTSE Developed Core Infrastructure	FTSE Emerging Core Infrastructure
Number of constituents	134	123
Net MCap (USDm)	2,220,972	213,989
Dividend Yield %	3.63	3.77
Constituent Sizes (Net MCap USDm)		
Average	16,574	1,740
Largest	154,442	14,289
Smallest	163	62
Median	6,561	852
Weight of Largest Constituent (%)	6.95	6.68
Top 10 Holdings (% Index MCap)	38.80	37.10

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