

# FTSE Infrastructure Index Series

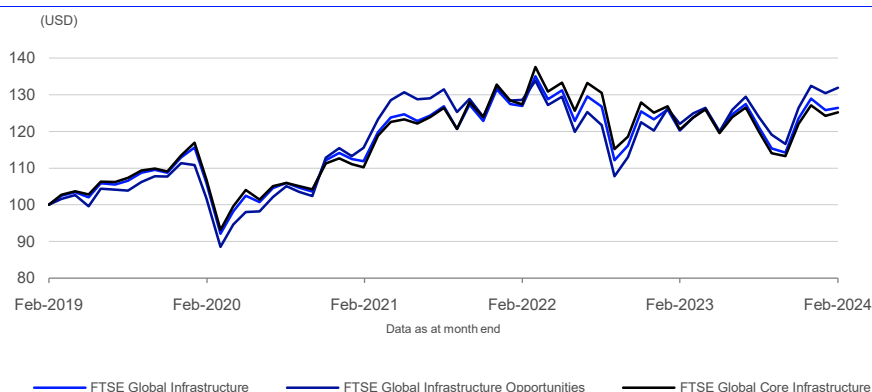
Data as at: 29 February 2024

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.

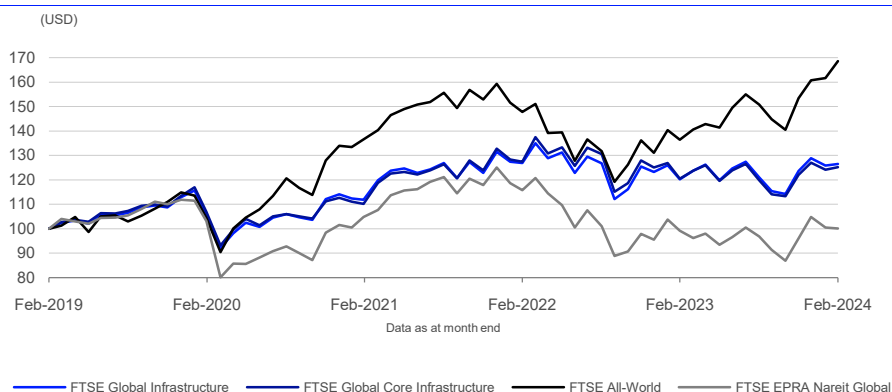
The Index Series uses a building block approach to give investors greater choice and flexibility in the way they can benchmark, research and manage their exposure to global infrastructure. Infrastructure is defined by FTSE as companies that own, manage or operate structures or networks, which are used 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	2.3	4.5	-1.9	5.2	13.0	26.5	4.2	4.8	11.4	14.9	15.9
FTSE Global Infrastructure Opportunities	4.3	6.5	-0.4	8.1	14.1	31.9	4.5	5.7	9.9	13.8	16.0
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 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 All-World	9.9	11.8	4.9	23.6	23.5	68.6	7.3	11.0	10.1	15.3	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	0.4	0.3	0.3	0.5		-13.5	-20.9	-34.5	-34.5
FTSE Global Infrastructure Opportunities	0.8	0.3	0.4	0.4		-11.6	-21.8	-32.7	-32.7
FTSE Global Core Infrastructure	0.3	0.3	0.3	0.5		-13.9	-20.8	-35.3	-35.3
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 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

FTSE Global Infrastructure Index - Top 10 Constituents

Constituent	Country	ICB Subsector	Net MCap (USDm)	Wgt %
Union Pacific Corp	USA	Railroads	154,442	5.06
NextEra Energy Inc	USA	Conventional Electricity	111,584	3.65
American Tower Corp	USA	Infrastructure REITs	92,457	3.03
Canadian Pacific Kansas City Limited	Canada	Railroads	78,868	2.58
Canadian National Railway	Canada	Railroads	75,535	2.47
CSX Corp	USA	Railroads	74,761	2.45
Southern Co	USA	Conventional Electricity	73,185	2.40
Enbridge	Canada	Pipelines	72,655	2.38
Duke Energy Corp	USA	Multi-utilities	70,690	2.31
Iberdrola	Spain	Conventional Electricity	69,497	2.28
Totals			873,674	28.61

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

		FTSE Global Infrastructure			FTSE Global Infrastructure Opportunities			FTSE Global Core Infrastructure		
ICB Code	ICB Subsector	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
10101010	Computer Services	13	3,666	0.12	13	36,658	0.64	-	-	-
10101020	Consumer Digital Services	1	194	0.01	1	1,944	0.03	-	-	-
15101010	Telecommunications Equipment	30	13,547	0.44	30	46,910	0.82	6	9,840	0.40
15102015	Telecommunications Services	114	147,813	4.84	114	1,086,649	18.99	15	43,498	1.79
35102025	Infrastructure REITs	6	164,999	5.40	6	164,999	2.88	6	164,999	6.78
40501010	Airlines	43	7,444	0.24	43	74,437	1.30	-	-	-
40501015	Travel and Tourism	7	7,805	0.26	7	9,539	0.17	-	-	-
50101010	Construction	97	24,966	0.82	97	229,247	4.01	1	2,269	0.09
50101015	Engineering and Contracting Services	52	13,705	0.45	52	137,049	2.40	-	-	-
50101030	Cement	69	21,745	0.71	69	217,453	3.80	-	-	-
50101035	Building Materials: Other	17	16,787	0.55	17	167,875	2.93	-	-	-
50201010	Aerospace	4	3,193	0.10	4	31,932	0.56	-	-	-
50205020	Professional Business Support Services	3	2,271	0.07	3	22,710	0.40	-	-	-
50206010	Trucking	16	11,359	0.37	16	111,486	1.95	-	-	-
50206020	Railroads	21	530,808	17.38	21	530,859	9.28	15	505,170	20.75
50206030	Marine Transportation	58	13,242	0.43	58	132,416	2.31	-	-	-
50206040	Delivery Services	31	24,188	0.79	31	241,880	4.23	-	-	-
50206060	Transportation Services	95	155,597	5.10	95	230,007	4.02	60	142,717	5.86
55101000	Diversified Materials	5	1,204	0.04	5	12,042	0.21	-	-	-
55102010	Iron and Steel	102	35,234	1.15	102	352,343	6.16	-	-	-
55102035	Aluminum	22	3,115	0.10	22	31,152	0.54	-	-	-
60101035	Pipelines	15	343,766	11.26	15	343,766	6.01	13	333,567	13.70
65101010	Alternative Electricity	10	37,000	1.21	10	37,000	0.65	6	9,836	0.40
65101015	Conventional Electricity	78	987,771	32.35	78	987,771	17.27	69	810,265	33.28
65102000	Multi-utilities	16	282,868	9.26	16	282,868	4.94	14	248,787	10.22
65102020	Gas Distribution	37	109,178	3.58	37	109,178	1.91	31	93,726	3.85
65102030	Water	25	90,160	2.95	25	90,722	1.59	21	70,288	2.89
<b>Totals</b>		<b>987</b>	<b>3,053,626</b>	<b>100.00</b>	<b>987</b>	<b>5,720,893</b>	<b>100.00</b>	<b>257</b>	<b>2,434,961</b>	<b>100.00</b>

## 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	22	46,463	1.52	22	83,550	1.46	5	42,342	1.74
Austria	8	1,852	0.06	8	7,379	0.13	2	1,238	0.05
Belgium	7	5,154	0.17	7	13,954	0.24	1	4,177	0.17
Brazil	38	62,552	2.05	38	127,894	2.24	19	41,092	1.69
Canada	17	339,577	11.12	17	366,571	6.41	10	330,601	13.58
Chile	9	6,239	0.20	9	8,189	0.14	4	3,539	0.15
China	177	46,699	1.53	177	119,217	2.08	46	35,659	1.46
Colombia	1	1,876	0.06	1	1,876	0.03	1	1,876	0.08
Denmark	7	4,213	0.14	7	42,134	0.74	-	-	-
Egypt	1	43	0.00	1	426	0.01	-	-	-
Finland	4	860	0.03	4	8,596	0.15	-	-	-
France	18	75,756	2.48	18	208,466	3.64	4	13,205	0.54
Germany	13	17,928	0.59	13	157,529	2.75	2	2,417	0.10
Greece	8	3,834	0.13	8	8,540	0.15	3	3,311	0.14
Hong Kong	15	39,612	1.30	15	49,214	0.86	5	38,546	1.58
Hungary	1	82	0.00	1	823	0.01	-	-	-
Iceland	2	33	0.00	2	327	0.01	-	-	-
India	62	73,792	2.42	62	222,032	3.88	16	57,321	2.35
Indonesia	13	5,347	0.18	13	19,904	0.35	5	3,730	0.15
Israel	6	553	0.02	6	5,533	0.10	-	-	-
Italy	14	82,407	2.70	14	91,086	1.59	6	31,391	1.29
Japan	121	171,902	5.63	121	477,873	8.35	18	101,741	4.18
Korea	35	11,465	0.38	35	65,579	1.15	3	5,452	0.22
Kuwait	3	460	0.02	3	4,601	0.08	-	-	-
Malaysia	14	12,894	0.42	14	33,140	0.58	2	10,644	0.44
Mexico	12	21,908	0.72	12	54,657	0.96	6	18,269	0.75
Netherlands	6	5,201	0.17	6	30,236	0.53	1	2,419	0.10
New Zealand	8	10,376	0.34	8	21,541	0.38	3	9,136	0.38
Norway	10	2,121	0.07	10	21,210	0.37	-	-	-
Pakistan	1	48	0.00	1	483	0.01	-	-	-
Philippines	7	8,155	0.27	7	11,394	0.20	3	7,796	0.32
Poland	1	135	0.00	1	1,350	0.02	-	-	-
Portugal	3	12,919	0.42	3	13,239	0.23	1	912	0.04
Qatar	5	1,029	0.03	5	10,292	0.18	-	-	-
Saudi Arabia	17	9,047	0.30	17	39,291	0.69	1	4,168	0.17
Singapore	7	4,765	0.16	7	25,218	0.44	2	2,492	0.10
South Africa	4	1,271	0.04	4	12,709	0.22	-	-	-
Spain	15	122,674	4.02	15	176,887	3.09	5	47,154	1.94
Sweden	10	2,985	0.10	10	29,854	0.52	-	-	-
Switzerland	7	15,795	0.52	7	121,886	2.13	1	4,007	0.16
Taiwan	35	9,116	0.30	35	73,258	1.28	1	1,990	0.08
Thailand	22	14,572	0.48	22	25,189	0.44	8	13,392	0.55
Turkiye	26	3,818	0.13	26	21,781	0.38	4	1,822	0.07
UAE	8	11,476	0.38	8	30,356	0.53	4	9,379	0.39
UK	24	111,309	3.65	24	206,639	3.61	7	78,310	3.22
USA	143	1,673,312	54.80	143	2,668,992	46.65	58	1,505,432	61.83
<b>Totals</b>	<b>987</b>	<b>3,053,626</b>	<b>100.00</b>	<b>987</b>	<b>5,720,893</b>	<b>100.00</b>	<b>257</b>	<b>2,434,961</b>	<b>100.00</b>

Index Characteristics

Attributes	FTSE Global Infrastructure	FTSE Global Infrastructure Opportunities	FTSE Global Core Infrastructure
Number of constituents	987	987	257
Net MCap (USDm)	3,053,626	5,720,893	2,434,961
Dividend Yield %	3.65	3.56	3.64
Constituent Sizes (Net MCap USDm)			
Average	3,094	5,796	9,475
Largest	154,442	168,206	154,442
Smallest	4	37	62
Median	194	1,120	2,319
Weight of Largest Constituent (%)	5.06	2.94	6.34
Top 10 Holdings (% Index MCap)	28.61	18.79	35.39

© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFE") (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMM™", "FR™" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by LSEG, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical inaccuracy as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or LSEG Products, or of results to be obtained from the use of LSEG products, including but not limited to indices, rates, data and analytics, or the fitness or suitability of the LSEG products for any particular purpose to which they might be put. The user of the information assumes the entire risk of any use it may make or permit to be made of the information.

No responsibility or liability can be accepted by any member of LSEG nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any inaccuracy (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of LSEG is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of LSEG nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indices and rates cannot be invested in directly. Inclusion of an asset in an index or rate is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index or rate containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index and/or rate returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index or rate inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index or rate was officially launched. However, back-tested data may reflect the application of the index or rate methodology with the benefit of hindsight, and the historic calculations of an index or rate may change from month to month based on revisions to the underlying economic data used in the calculation of the index or rate.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of LSEG. Use and distribution of LSEG data requires a licence from LSEG and/or its licensors.

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