

# FTSE Core Infrastructure Indices (AUD)

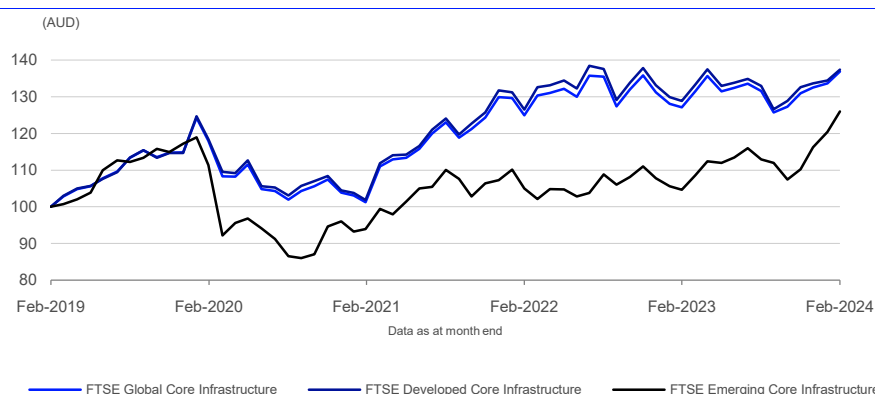
Data as at: 29 February 2024

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.

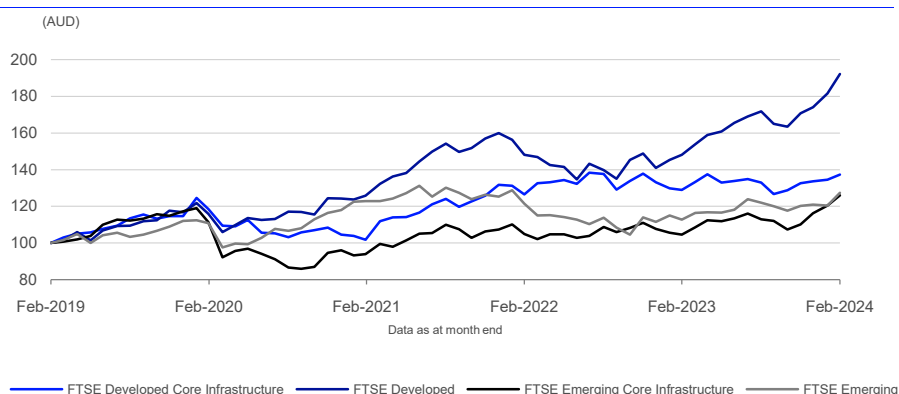
The Index Series uses a building block approach to give investors greater choice and flexibility in the way they can benchmark, research and manage their exposure to global infrastructure. Infrastructure is defined by FTSE as companies that own, manage or operate structures or networks, which are used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

### 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 (AUD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Global Core Infrastructure	4.5	4.0	3.3	7.7	35.1	36.9	10.6	6.5	12.0	12.6	11.2
FTSE Developed Core Infrastructure	3.6	3.3	2.8	6.6	34.9	37.4	10.5	6.6	12.7	13.2	11.5
FTSE Emerging Core Infrastructure	14.3	11.5	8.4	20.4	34.2	26.0	10.3	4.7	10.7	12.0	13.8
FTSE Global Equity Index Series wi All Cap	12.0	10.9	9.5	26.8	44.4	81.4	13.0	12.6	9.7	12.2	11.5
FTSE Developed	12.6	11.9	10.4	29.7	52.9	92.3	15.2	14.0	10.2	12.7	12.0
FTSE Emerging	6.0	4.5	5.3	13.1	3.8	27.5	1.3	5.0	10.8	13.0	11.8

\* 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 % (AUD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE Global Core Infrastructure	30.0	0.5	13.6	8.2	10.1	26.5	-9.5	25.1	1.0	1.0
FTSE Developed Core Infrastructure	31.3	0.5	13.7	7.5	10.6	26.6	-8.9	26.1	1.0	0.4
FTSE Emerging Core Infrastructure	8.7	1.8	12.5	18.8	2.8	23.9	-18.1	11.7	0.4	7.9
FTSE Global Equity Index Series wi All Cap	14.3	10.6	9.5	15.2	0.4	27.3	6.4	25.8	-12.0	21.4
FTSE Developed	14.9	12.2	8.7	14.7	1.5	28.2	6.3	28.8	-11.8	23.5
FTSE Emerging	11.0	-4.6	14.1	22.7	-3.4	20.7	5.2	6.2	-10.9	8.4

Return/Risk Ratio and Drawdown - Total Return

Index (AUD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Global Core Infrastructure	0.6	0.8	0.6	0.9	-9.1	-12.9	-25.3	-25.3
FTSE Developed Core Infrastructure	0.5	0.8	0.6	0.9	-9.7	-13.9	-25.2	-25.2
FTSE Emerging Core Infrastructure	1.8	0.8	0.3	0.7	-8.6	-12.4	-29.8	-29.8
FTSE Global Equity Index Series wi All Cap	2.6	1.1	1.1	1.2	-7.6	-19.2	-23.9	-23.9
FTSE Developed	2.8	1.2	1.2	1.2	-7.5	-19.7	-23.6	-23.6
FTSE Emerging	1.2	0.0	0.4	0.7	-6.7	-21.0	-21.7	-27.5

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 (AUDm)	Wgt %
Union Pacific Corp	USA	Railroads	237,183	6.95
NextEra Energy Inc	USA	Conventional Electricity	171,365	5.02
American Tower Corp	USA	Infrastructure REITs	141,991	4.16
Canadian Pacific Kansas City Limited	Canada	Railroads	121,121	3.55
Canadian National Railway	Canada	Railroads	116,003	3.40
CSX Corp	USA	Railroads	114,814	3.37
Southern Co	USA	Conventional Electricity	112,393	3.30
Enbridge	Canada	Pipelines	111,579	3.27
Duke Energy Corp	USA	Multi-utilities	108,562	3.18
Norfolk Sthn Corp	USA	Railroads	88,283	2.59
Totals			1,323,294	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 (AUDm)	Wgt %
Power Grid Corp of India	India	Conventional Electricity	21,944	6.68
Adani Ports and Special Economic Zone	India	Transportation Services	18,161	5.53
Tenaga Nasional	Malaysia	Conventional Electricity	13,374	4.07
Airports of Thailand	Thailand	Transportation Services	11,653	3.55
Tata Power	India	Conventional Electricity	11,390	3.47
ENN Energy Holdings (P Chip)	China	Gas Distribution	9,601	2.92
Equatorial Energia S/A Ord	Brazil	Conventional Electricity	9,296	2.83
Grupo Aeroportuario del Sureste SA de CV	Mexico	Transportation Services	8,983	2.73
Rumo S.A.	Brazil	Transportation Services	8,792	2.68
Grupo Aeroportuario del Pacifico SAB de CV Series B	Mexico	Transportation Services	8,743	2.66
Totals			121,937	37.10

ICB Subsector Breakdown

		FTSE Developed Core Infrastructure			FTSE Emerging Core Infrastructure		
ICB Code	ICB Subsector	No. of Cons	Net MCap (AUDm)	Wgt %	No. of Cons	Net MCap (AUDm)	Wgt %
15101010	Telecommunications Equipment	3	4,789	0.14	3	10,323	3.14
15102015	Telecommunications Services	8	55,677	1.63	7	11,125	3.39
35102025	Infrastructure REITs	4	251,488	7.37	2	1,908	0.58
50101010	Construction	-	-	-	1	3,484	1.06
50206020	Railroads	10	768,487	22.53	5	7,324	2.23
50206060	Transportation Services	12	101,972	2.99	48	117,205	35.66
60101035	Pipelines	11	512,079	15.01	2	194	0.06
65101010	Alternative Electricity	-	-	-	6	15,106	4.60
65101015	Conventional Electricity	47	1,133,856	33.24	22	110,505	33.63
65102000	Multi-utilities	14	382,074	11.20	-	-	-
65102020	Gas Distribution	17	111,626	3.27	14	32,313	9.83
65102030	Water	8	88,798	2.60	13	19,146	5.83
Totals		134	3,410,846	100.00	123	328,632	100.00

Country Breakdown

Country	FTSE Developed Core Infrastructure			FTSE Emerging Core Infrastructure		
	No. of Cons	Net MCap (AUDm)	Wgt %	No. of Cons	Net MCap (AUDm)	Wgt %
Australia	5	65,026	1.91	-	-	-
Austria	2	1,901	0.06	-	-	-
Belgium	1	6,414	0.19	-	-	-
Brazil	-	-	-	19	63,107	19.20
Canada	10	507,719	14.89	-	-	-
Chile	-	-	-	4	5,435	1.65
China	-	-	-	46	54,763	16.66
Colombia	-	-	-	1	2,880	0.88
France	4	20,280	0.59	-	-	-
Germany	2	3,711	0.11	-	-	-
Greece	-	-	-	3	5,085	1.55
Hong Kong	5	59,196	1.74	-	-	-
India	-	-	-	16	88,030	26.79
Indonesia	-	-	-	5	5,728	1.74
Italy	6	48,208	1.41	-	-	-
Japan	18	156,248	4.58	-	-	-
Korea	3	8,374	0.25	-	-	-
Malaysia	-	-	-	2	16,347	4.97
Mexico	-	-	-	6	28,057	8.54
Netherlands	1	3,715	0.11	-	-	-
New Zealand	3	14,030	0.41	-	-	-
Philippines	-	-	-	3	11,972	3.64
Portugal	1	1,400	0.04	-	-	-
Saudi Arabia	-	-	-	1	6,402	1.95
Singapore	2	3,828	0.11	-	-	-
Spain	5	72,416	2.12	-	-	-
Switzerland	1	6,154	0.18	-	-	-
Taiwan	-	-	-	1	3,056	0.93
Thailand	-	-	-	8	20,567	6.26
Turkiye	-	-	-	4	2,799	0.85
UAE	-	-	-	4	14,403	4.38
UK	7	120,264	3.53	-	-	-
USA	58	2,311,960	67.78	-	-	-
Totals	134	3,410,846	100.00	123	328,632	100.00

Index Characteristics

Attributes	FTSE Developed Core Infrastructure	FTSE Emerging Core Infrastructure
Number of constituents	134	123
Net MCap (AUDm)	3,410,846	328,632
Dividend Yield %	3.63	3.77
Constituent Sizes (Net MCap AUDm)		
Average	25,454	2,672
Largest	237,183	21,944
Smallest	250	95
Median	10,076	1,308
Weight of Largest Constituent (%)	6.95	6.68
Top 10 Holdings (% Index MCap)	38.80	37.10

© 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®", "WMR™", "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