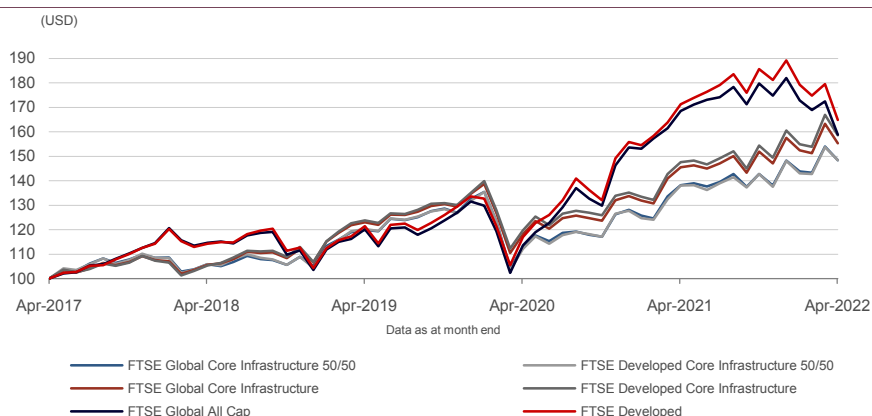


FTSE Core Infrastructure 50/50 Indexes

Data as at: 29 April 2022

The FTSE Global Core Infrastructure 50/50 Index and FTSE Developed Core Infrastructure 50/50 Index give participants an industry-defined interpretation of infrastructure and adjust the exposure to certain infrastructure sub-sectors. The constituent weights for these indexes are adjusted as part of the semi-annual review according to three broad industry sectors – 50% Utilities, 30% Transportation including capping of 7.5% for railroads/railways and a 20% mix of other sectors including pipelines, satellites and telecommunication towers. Company weights within each group are adjusted in proportion to their investable market capitalisation.

5-Year Performance - Total Return



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 50/50	3.2	4.0	0.1	7.4	23.7	48.4	7.4	8.2	10.2	18.1	13.9
FTSE Developed Core Infrastructure 50/50	3.7	4.0	0.2	7.5	23.3	48.4	7.2	8.2	10.8	18.8	14.5
FTSE Global Core Infrastructure	1.9	2.3	-1.5	6.8	26.2	55.3	8.1	9.2	10.8	17.8	13.4
FTSE Developed Core Infrastructure	2.4	2.7	-1.2	7.4	28.0	58.6	8.6	9.7	11.3	17.9	13.5
FTSE Global All Cap	-8.1	-11.6	-12.7	-5.7	32.1	58.9	9.7	9.7	13.3	19.9	16.1
FTSE Developed	-8.0	-11.2	-12.9	-3.8	35.8	64.9	10.7	10.5	13.7	19.7	16.0

* 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)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
FTSE Global Core Infrastructure 50/50	14.0	14.3	16.2	-8.0	11.8	19.3	-3.2	26.1	-3.3	15.7
FTSE Developed Core Infrastructure 50/50	12.3	16.3	16.8	-6.7	11.6	19.2	-3.7	26.2	-3.0	15.9
FTSE Global Core Infrastructure	9.9	17.1	18.9	-10.6	13.1	16.9	-0.9	26.3	-0.7	17.8
FTSE Developed Core Infrastructure	9.4	18.5	20.1	-10.7	13.1	16.2	-0.5	26.4	0.1	18.8
FTSE Global All Cap	17.2	23.9	4.5	-1.7	9.0	24.4	-9.6	27.1	16.8	18.5
FTSE Developed	17.0	26.8	5.1	-0.3	8.2	23.9	-8.6	28.0	16.7	21.4

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.

Capping

The indexes are capped semi-annually to adjust the exposure to certain infrastructure sub-sectors and limit company weights to 5%.

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. Tax adjusted and hedged versions of the indexes are also available.

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.

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 50/50	0.7	0.4	0.6	0.8	-6.4	-36.8	-36.8	-36.8
FTSE Developed Core Infrastructure 50/50	0.7	0.4	0.6	0.8	-6.8	-37.6	-37.6	-37.6
FTSE Global Core Infrastructure	0.6	0.5	0.7	0.8	-6.9	-35.3	-35.3	-35.3
FTSE Developed Core Infrastructure	0.7	0.5	0.7	0.9	-7.0	-35.2	-35.2	-35.2
FTSE Global All Cap	-0.5	0.5	0.6	0.7	-13.5	-34.3	-34.3	-34.3
FTSE Developed	-0.3	0.6	0.7	0.8	-13.7	-34.0	-34.0	-34.0

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

Top 10 Constituents - FTSE Global Core Infrastructure 50/50

Constituent	Country	ICB Subsector	FTSE Global Core Infrastructure 50/50 (Wgt %)	FTSE Global Core Infrastructure (Wgt %)	Diff %
Transurban Group	Australia	Transportation Services	5.36	1.19	4.17
NextEra Energy Inc	USA	Conventional Electricity	4.37	5.32	-0.96
American Tower Corp	USA	Infrastructure REITs	3.37	4.16	-0.79
Duke Energy Corp	USA	Multi-utilities	3.18	3.24	-0.06
Southern Co	USA	Conventional Electricity	2.91	2.97	-0.06
Enbridge	Canada	Pipelines	2.75	3.39	-0.64
Crown Castle Intl Corp	USA	Infrastructure REITs	2.47	3.05	-0.58
Dominion Energy	USA	Conventional Electricity	2.47	2.51	-0.05
Union Pacific Corp	USA	Railroads	2.07	5.76	-3.69
Atlantia	Italy	Transportation Services	2.05	0.45	1.60
Totals			31.00	32.04	

ICB Subsector Breakdown - FTSE Global Core Infrastructure 50/50

ICB Code	ICB Subsector	FTSE Global Core Infrastructure 50/50		FTSE Global Core Infrastructure		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
15101010	Telecommunications Equipment	8	0.51	8	0.63	-0.12
15102015	Telecommunications Services	12	1.61	12	1.99	-0.38
35102025	Infrastructure REITs	4	7.07	4	8.73	-1.66
40501015	Travel and Tourism	4	0.04	4	0.11	-0.07
50101010	Construction	1	0.28	1	0.06	0.21
50206020	Railroads	12	6.76	12	18.84	-12.08
50206060	Transportation Services	53	23.63	53	5.23	18.40
60101035	Pipelines	12	10.63	12	13.12	-2.49
65101015	Conventional Electricity	67	31.79	67	33.27	-1.48
65102000	Multi-utilities	13	10.69	13	10.90	-0.20
65102020	Gas Distribution	30	3.93	30	4.01	-0.08
65102030	Water	22	3.06	22	3.12	-0.06
Totals		238	100.00	238	100.00	

INFORMATION

Index Universe

FTSE Global Core Infrastructure Index and
 FTSE Developed Core Infrastructure Index

Index Launch

2 March 2015

Base Date

31 December 2009

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, AUD and CAD

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 Developed Core Infrastructure 50/50

ICB Code	ICB Subsector	FTSE Developed Core Infrastructure 50/50		FTSE Developed Core Infrastructure		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
15101010	Telecommunications Equipment	4	0.21	4	0.27	-0.06
15102015	Telecommunications Services	9	1.51	9	1.97	-0.47
35102025	Infrastructure REITs	4	7.18	4	9.39	-2.21
50206020	Railroads	10	6.74	10	20.12	-13.37
50206060	Transportation Services	11	24.45	11	3.08	21.37
60101035	Pipelines	11	10.75	11	14.07	-3.32
65101015	Conventional Electricity	46	31.47	46	33.26	-1.78
65102000	Multi-utilities	13	11.61	13	11.72	-0.11
65102020	Gas Distribution	18	3.27	18	3.30	-0.03
65102030	Water	8	2.81	8	2.83	-0.03
Totals		134	100.00	134	100.00	

Country Breakdown - FTSE Global Core Infrastructure 50/50

Country	FTSE Global Core Infrastructure 50/50		FTSE Global Core Infrastructure		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Australia	5	6.55	5	1.94	4.62
Austria	2	0.08	2	0.05	0.04
Belgium	1	0.21	1	0.21	0.00
Brazil	14	2.09	14	0.99	1.10
Canada	10	8.65	10	13.24	-4.60
Chile	4	0.11	4	0.11	0.00
China	40	3.00	40	1.65	1.34
Colombia	1	0.09	1	0.09	0.00
France	4	0.98	4	0.68	0.30
Germany	3	0.50	3	0.21	0.29
Greece	3	0.09	3	0.09	0.00
Hong Kong	6	1.67	6	1.89	-0.22
India	13	3.32	13	1.68	1.64
Indonesia	4	0.26	4	0.21	0.05
Italy	6	3.12	6	1.65	1.46
Japan	18	2.35	18	3.41	-1.06
Korea	3	0.21	3	0.22	0.00
Malaysia	3	0.66	3	0.34	0.31
Mexico	5	2.34	5	0.57	1.77
New Zealand	3	1.13	3	0.34	0.79
Philippines	4	0.90	4	0.29	0.61
Portugal	1	0.04	1	0.04	0.00
Saudi Arabia	1	0.21	1	0.22	0.00
Singapore	2	0.28	2	0.13	0.15
Spain	5	3.29	5	2.19	1.11
Switzerland	1	0.56	1	0.12	0.44
Taiwan	1	0.03	1	0.08	-0.05
Thailand	8	2.00	8	0.62	1.38
Turkey	2	0.09	2	0.03	0.07
UAE	1	0.02	1	0.03	-0.01
UK	6	3.17	6	3.23	-0.07
USA	58	51.99	58	63.44	-11.45
Totals	238	100.00	238	100.00	

Country Breakdown - FTSE Developed Core Infrastructure 50/50

Country	FTSE Developed Core Infrastructure 50/50		FTSE Developed Core Infrastructure		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Australia	5	7.83	5	2.08	5.74
Austria	2	0.16	2	0.05	0.11
Belgium	1	0.23	1	0.23	0.00
Canada	10	8.88	10	14.24	-5.36
France	4	2.05	4	0.73	1.31
Germany	3	1.12	3	0.23	0.89
Hong Kong	6	1.81	6	2.03	-0.23
Italy	6	6.27	6	1.78	4.50
Japan	18	2.50	18	3.67	-1.16
Korea	3	0.23	3	0.23	0.00
New Zealand	3	2.71	3	0.36	2.35
Portugal	1	0.05	1	0.05	0.00
Singapore	2	0.59	2	0.14	0.46
Spain	5	6.00	5	2.35	3.65
Switzerland	1	1.41	1	0.13	1.27
UK	6	3.44	6	3.48	-0.04
USA	58	54.72	58	68.21	-13.49
Totals	134	100.00	134	100.00	

Index Characteristics

Attributes	FTSE Global Core Infrastructure 50/50	FTSE Developed Core Infrastructure 50/50	FTSE Global Core Infrastructure	FTSE Developed Core Infrastructure
Number of constituents	238	134	238	134
Net MCap (USDm)	2,679,819	2,517,733	2,613,788	2,431,003
Dividend Yield %	2.87	2.66	2.95	2.92
Constituent Sizes (Net MCap USDm)				
Average	11,260	18,789	10,982	18,142
Largest	143,586	135,500	150,443	150,443
Smallest	45	133	49	129
Median	3,440	7,470	2,749	6,197
Weight of Largest Constituent (%)	5.36	5.38	5.76	6.19
Top 10 Holdings (% Index MCap)	30.98	37.23	36.07	38.78

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