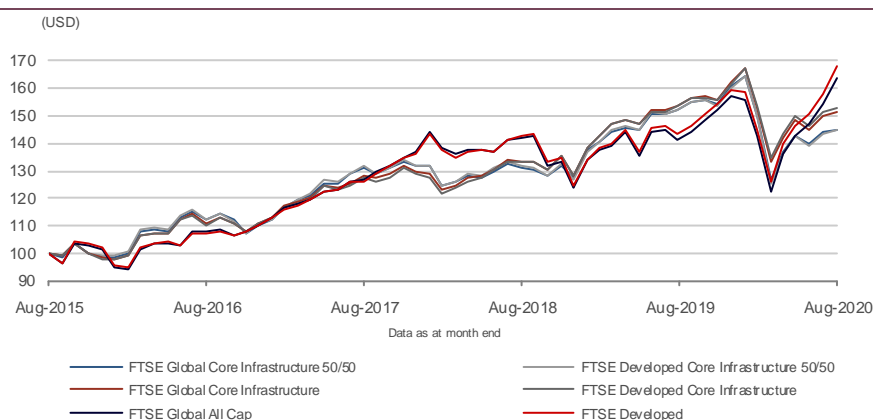


# FTSE Core Infrastructure 50/50 Indexes

Data as at: 31 August 2020

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	1.3	-3.5	-10.1	-4.8	10.1	44.6	3.3	7.7	29.1	16.6	13.1
FTSE Developed Core Infrastructure 50/50	1.6	-3.4	-9.6	-5.0	10.0	44.8	3.2	7.7	30.4	17.2	13.6
FTSE Global Core Infrastructure	1.8	-0.9	-6.6	-1.3	18.2	51.5	5.7	8.7	29.7	16.2	12.1
FTSE Developed Core Infrastructure	2.0	-0.2	-5.4	-0.2	20.4	53.1	6.4	8.9	30.6	16.2	12.1
FTSE Global All Cap	15.2	14.8	4.1	16.1	29.4	64.1	9.0	10.4	26.6	18.9	14.9
FTSE Developed	14.8	16.0	5.5	17.5	33.6	68.4	10.1	11.0	27.4	18.5	14.5

\* 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)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
FTSE Global Core Infrastructure 50/50	13.2	7.1	14.0	14.3	16.2	-8.0	11.8	19.3	-3.2	26.1
FTSE Developed Core Infrastructure 50/50	11.1	8.8	12.3	16.3	16.8	-6.7	11.6	19.2	-3.7	26.2
FTSE Global Core Infrastructure	13.8	7.8	9.9	17.1	18.9	-10.6	13.1	16.9	-0.9	26.3
FTSE Developed Core Infrastructure	13.4	9.5	9.4	18.5	20.1	-10.7	13.1	16.2	-0.5	26.4
FTSE Global All Cap	14.8	-7.6	17.2	23.9	4.5	-1.7	9.0	24.4	-9.6	27.1
FTSE Developed	12.3	-5.5	17.0	26.8	5.1	-0.3	8.2	23.9	-8.6	28.0

## 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	-0.2	0.2	0.6	0.8	-36.8	-36.8	-36.8	-36.8
FTSE Developed Core Infrastructure 50/50	-0.2	0.2	0.6	0.8	-37.6	-37.6	-37.6	-37.6
FTSE Global Core Infrastructure	0.0	0.3	0.7	0.9	-35.3	-35.3	-35.3	-35.3
FTSE Developed Core Infrastructure	0.0	0.4	0.7	0.9	-35.2	-35.2	-35.2	-35.2
FTSE Global All Cap	0.6	0.5	0.7	0.7	-34.3	-34.3	-34.3	-34.3
FTSE Developed	0.6	0.5	0.8	0.8	-34.0	-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 %
NextEra Energy Inc	USA	Conventional Electricity	5.56	6.22	-0.65
Transurban Group	Australia	Transportation Services	5.04	1.24	3.80
American Tower Corp	USA	Specialty REITs	4.44	5.00	-0.56
Dominion Energy	USA	Conventional Electricity	2.86	2.99	-0.13
Crown Castle Intl Corp	USA	Specialty REITs	2.74	3.09	-0.35
Enbridge	Canada	Pipelines	2.62	2.95	-0.33
Union Pacific Corp	USA	Railroads	2.59	5.94	-3.35
Duke Energy Corp	USA	Multiutilities	2.57	2.68	-0.11
Southern Co	USA	Conventional Electricity	2.40	2.51	-0.11
Aena SME SA	Spain	Transportation Services	1.95	0.48	1.47
<b>Totals</b>			<b>32.77</b>	<b>33.10</b>	

## 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 %	
0577	Pipelines	48	9.72	48	10.96	-1.24
2357	Heavy Construction	3	0.30	3	0.07	0.23
2775	Railroads	30	7.76	30	17.79	-10.03
2777	Transportation Services	180	22.18	180	5.45	16.73
5553	Broadcasting & Entertainment	6	0.10	6	0.11	-0.01
5759	Travel & Tourism	24	1.40	24	3.22	-1.81
6535	Fixed Line Telecommunications	6	0.07	6	0.07	-0.01
6575	Mobile Telecommunications	12	1.17	12	1.31	-0.15
7535	Conventional Electricity	210	31.79	210	33.60	-1.81
7573	Gas Distribution	102	4.70	102	4.93	-0.23
7575	Multiutilities	36	8.86	36	9.26	-0.39
7577	Water	54	3.04	54	3.18	-0.13
8675	Specialty REITs	12	8.61	12	9.71	-1.10
9578	Telecommunications Equipment	18	0.29	18	0.32	-0.04
<b>Totals</b>		<b>741</b>	<b>100.00</b>	<b>741</b>	<b>100.00</b>	

## 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](http://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 %	
0577	Pipelines	39	9.82	39	11.52	-1.69
2775	Railroads	24	7.76	24	18.84	-11.08
2777	Transportation Services	39	22.92	39	3.45	19.48
5553	Broadcasting & Entertainment	6	0.10	6	0.12	-0.02
5759	Travel & Tourism	15	1.36	15	3.30	-1.94
6535	Fixed Line Telecommunications	6	0.07	6	0.08	-0.01
6575	Mobile Telecommunications	9	1.16	9	1.35	-0.20
7535	Conventional Electricity	144	31.87	144	34.20	-2.33
7573	Gas Distribution	57	3.78	57	3.94	-0.16
7575	Multiutilities	33	9.46	33	9.86	-0.39
7577	Water	21	2.68	21	2.79	-0.11
8675	Specialty REITs	12	8.83	12	10.35	-1.52
9578	Telecommunications Equipment	12	0.19	12	0.22	-0.03
<b>Totals</b>		<b>417</b>	<b>100.00</b>	<b>417</b>	<b>100.00</b>	

## 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	8	7.58	8	2.58	5.01
Austria	2	0.08	2	0.04	0.04
Belgium	1	0.17	1	0.17	-0.01
Brazil	14	2.30	14	1.04	1.26
Canada	11	9.05	11	12.74	-3.69
Chile	4	0.27	4	0.28	-0.01
China	42	3.26	42	1.79	1.47
Colombia	1	0.11	1	0.11	0.00
France	4	0.87	4	0.65	0.21
Germany	2	0.38	2	0.09	0.29
Greece	2	0.04	2	0.04	0.00
Hong Kong	6	2.01	6	2.29	-0.27
India	13	1.46	13	0.72	0.75
Indonesia	2	0.15	2	0.07	0.08
Italy	7	2.85	7	1.68	1.17
Japan	19	3.76	19	5.42	-1.66
Korea	3	0.22	3	0.23	-0.01
Malaysia	2	0.37	2	0.09	0.28
Mexico	7	1.67	7	0.56	1.11
New Zealand	2	1.01	2	0.28	0.74
Pakistan	2	0.01	2	0.01	0.00
Philippines	4	0.55	4	0.23	0.32
Portugal	1	0.05	1	0.05	0.00
Russia	5	0.29	5	0.31	-0.02
Saudi Arabia	1	0.14	1	0.15	-0.01
Singapore	2	0.16	2	0.09	0.07
Spain	5	3.69	5	2.39	1.30
Switzerland	1	0.53	1	0.13	0.40
Taiwan	1	0.05	1	0.11	-0.06
Thailand	6	2.12	6	0.64	1.49
Turkey	2	0.08	2	0.03	0.05
UK	5	2.55	5	2.67	-0.12
USA	60	52.16	60	62.32	-10.17
<b>Totals</b>	<b>247</b>	<b>100.00</b>	<b>247</b>	<b>100.00</b>	

## 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	8	10.14	8	2.75	7.39
Austria	2	0.15	2	0.04	0.11
Belgium	1	0.18	1	0.18	-0.01
Canada	11	9.30	11	13.58	-4.28
France	4	1.51	4	0.70	0.82
Germany	2	0.83	2	0.10	0.73
Hong Kong	6	2.14	6	2.44	-0.30
Italy	7	4.86	7	1.79	3.07
Japan	19	3.95	19	5.77	-1.83
Korea	3	0.24	3	0.24	-0.01
New Zealand	2	2.16	2	0.29	1.86
Portugal	1	0.05	1	0.05	0.00
Singapore	2	0.28	2	0.10	0.19
Spain	5	6.02	5	2.55	3.47
Switzerland	1	1.14	1	0.14	1.01
UK	5	2.72	5	2.84	-0.12
USA	60	54.34	60	66.43	-12.09
<b>Totals</b>	<b>139</b>	<b>100.00</b>	<b>139</b>	<b>100.00</b>	

## 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	247	139	247	139
Net MCap (USDm)	2,147,584	2,017,811	2,194,887	2,059,356
Dividend Yield %	3.45	3.35	3.37	3.36
Constituent Sizes (Net MCap USDm)				
Average	8,695	14,517	8,886	14,816
Largest	119,450	108,879	136,416	136,416
Smallest	60	129	49	137
Median	2,892	6,941	2,458	5,912
Weight of Largest Constituent (%)	5.56	5.40	6.22	6.62
Top 10 Holdings (% Index MCap)	32.77	36.59	37.44	39.90

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