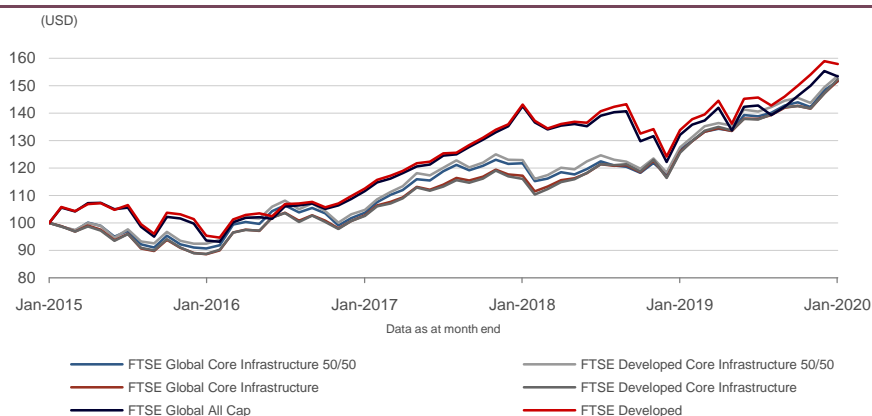


FTSE Core Infrastructure 50/50 Indexes

Data as at: 31 January 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	5.3	9.2	2.2	19.5	46.3	51.6	13.5	8.7	7.0	7.9	9.5
FTSE Developed Core Infrastructure 50/50	5.6	9.2	2.8	20.4	46.5	53.6	13.6	9.0	7.5	8.2	9.7
FTSE Global Core Infrastructure	6.4	10.1	3.1	20.5	47.6	51.8	13.9	8.7	7.4	8.0	9.4
FTSE Developed Core Infrastructure	6.9	10.7	3.6	21.3	48.6	52.4	14.1	8.8	7.6	8.3	9.5
FTSE Global All Cap	4.8	7.4	-1.3	16.1	37.4	53.4	11.2	8.9	9.3	10.9	11.8
FTSE Developed	5.3	8.3	-0.7	17.9	40.3	57.8	11.9	9.6	9.4	10.7	11.7

* 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)	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	2.7	1.8	0.9	1.1	-3.7	-7.7	-16.8	-16.9
FTSE Developed Core Infrastructure 50/50	2.6	1.7	0.9	1.1	-3.4	-8.4	-14.9	-15.1
FTSE Global Core Infrastructure	2.7	1.8	0.9	1.2	-3.7	-8.7	-18.5	-18.5
FTSE Developed Core Infrastructure	2.7	1.7	0.9	1.3	-3.6	-9.2	-18.4	-18.4
FTSE Global All Cap	1.7	1.1	0.8	0.7	-6.2	-19.3	-19.3	-23.4
FTSE Developed	1.8	1.2	0.8	0.8	-6.0	-18.5	-18.5	-22.3

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	5.33	5.39	-0.07
Transurban Group	Australia	Transportation Services	3.84	1.17	2.67
American Tower Corp	USA	Specialty REITs	3.76	4.19	-0.43
Southern Co	USA	Conventional Electricity	2.98	3.02	-0.04
Enbridge	Canada	Pipelines	2.98	3.32	-0.34
Duke Energy Corp	USA	Multiutilities	2.89	2.93	-0.04
Dominion Energy	USA	Conventional Electricity	2.87	2.90	-0.04
Crown Castle Intl Corp	USA	Specialty REITs	2.29	2.56	-0.26
American Elec Power Com	USA	Conventional Electricity	2.09	2.12	-0.03
Union Pacific Corp	USA	Railroads	1.98	5.13	-3.16
Totals			31.01	32.73	

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	13	10.71	13	11.95	-1.24
2357	Heavy Construction	1	0.31	1	0.10	0.22
2775	Railroads	11	5.92	11	15.37	-9.45
2777	Transportation Services	62	20.55	62	6.28	14.27
5553	Broadcasting & Entertainment	3	0.29	3	0.32	-0.03
5759	Travel & Tourism	8	1.82	8	3.96	-2.14
6535	Fixed Line Telecommunications	3	0.07	3	0.08	-0.01
6575	Mobile Telecommunications	6	0.73	6	0.81	-0.08
7535	Conventional Electricity	70	34.44	70	34.91	-0.47
7573	Gas Distribution	33	5.09	33	5.16	-0.06
7575	Multiutilities	12	9.71	12	9.83	-0.12
7577	Water	18	3.11	18	3.15	-0.04
8675	Specialty REITs	4	7.13	4	7.95	-0.82
9578	Telecommunications Equipment	3	0.13	3	0.14	-0.01
Totals		247	100.00	247	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 %	
0577	Pipelines	9	10.60	9	12.23	-1.63
2775	Railroads	9	5.94	9	16.40	-10.46
2777	Transportation Services	14	20.80	14	3.89	16.91
5553	Broadcasting & Entertainment	3	0.30	3	0.34	-0.05
5759	Travel & Tourism	5	1.49	5	4.11	-2.62
6535	Fixed Line Telecommunications	3	0.07	3	0.08	-0.01
6575	Mobile Telecommunications	5	0.72	5	0.83	-0.11
7535	Conventional Electricity	49	35.23	49	35.84	-0.61
7573	Gas Distribution	20	4.47	20	4.54	-0.07
7575	Multitilities	11	10.36	11	10.52	-0.17
7577	Water	7	2.63	7	2.67	-0.04
8675	Specialty REITs	4	7.38	4	8.52	-1.13
9578	Telecommunications Equipment	1	0.02	1	0.02	0.00
Totals		140	100.00	140	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	9	5.91	9	2.43	3.48
Austria	2	0.08	2	0.04	0.04
Belgium	1	0.14	1	0.14	0.00
Brazil	13	2.44	13	1.26	1.18
Canada	10	9.01	10	12.36	-3.34
Chile	3	0.35	3	0.36	0.00
China	41	2.86	41	1.77	1.09
Colombia	1	0.09	1	0.10	0.00
France	4	1.11	4	0.84	0.27
Germany	2	0.44	2	0.13	0.30
Greece	2	0.03	2	0.03	0.00
Hong Kong	6	2.21	6	2.44	-0.23
India	14	1.12	14	0.57	0.55
Indonesia	2	0.15	2	0.08	0.07
Italy	7	2.98	7	1.75	1.24
Japan	19	3.82	19	5.98	-2.16
Korea	3	0.26	3	0.26	0.00
Malaysia	2	0.33	2	0.10	0.23
Mexico	7	1.89	7	0.70	1.20
New Zealand	2	0.73	2	0.24	0.49
Pakistan	2	0.01	2	0.01	0.00
Philippines	4	0.47	4	0.22	0.26
Poland	1	0.00	1	0.01	0.00
Portugal	1	0.05	1	0.05	0.00
Russia	5	0.35	5	0.37	-0.02
Saudi Arabia	1	0.13	1	0.13	0.00
Singapore	2	0.16	2	0.09	0.08
Spain	5	3.20	5	2.05	1.15
Switzerland	1	0.44	1	0.14	0.31
Taiwan	1	0.34	1	0.10	0.23
Thailand	6	1.94	6	0.70	1.24
Turkey	2	0.12	2	0.05	0.07
UAE	1	0.31	1	0.09	0.21
UK	5	2.86	5	2.92	-0.07
USA	60	53.63	60	61.50	-7.86
Totals	247	100.00	247	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	9	8.40	9	2.61	5.80
Austria	2	0.13	2	0.04	0.09
Belgium	1	0.15	1	0.15	0.00
Canada	10	9.34	10	13.24	-3.90
France	4	1.84	4	0.90	0.93
Germany	2	0.87	2	0.14	0.72
Hong Kong	6	2.35	6	2.61	-0.26
Italy	7	4.89	7	1.87	3.02
Japan	19	4.00	19	6.40	-2.40
Korea	3	0.27	3	0.28	0.00
New Zealand	2	1.43	2	0.26	1.18
Poland	1	0.00	1	0.01	0.00
Portugal	1	0.05	1	0.05	0.00
Singapore	2	0.28	2	0.10	0.18
Spain	5	5.01	5	2.19	2.82
Switzerland	1	0.88	1	0.15	0.74
UK	5	3.05	5	3.13	-0.08
USA	60	57.06	60	65.87	-8.81
Totals	140	100.00	140	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	247	140	247	140
Dividend Yield %	3.22	3.31	3.01	3.01
Constituent (Wgt %)				
Average	0.40	0.71	0.40	0.71
Largest	5.33	5.69	5.39	5.78
Median	0.14	0.34	0.11	0.30
Top 10 Holdings (Wgt %)	31.01	35.94	34.58	37.05

© 2020 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group 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) MTSNext Limited ("MTSNext"), (5) Mergent, Inc. ("Mergent"), (6) FTSE Fixed Income LLC ("FTSE FI"), (7) The Yield Book Inc ("YB") and (8) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, MTSNext, Mergent, FTSE FI, YB and BR. "FTSE®", "Russell®", "FTSE Russell®", "MTS®", "FTSE4Good®", "ICB®", "Mergent®", "The Yield Book®", "Beyond Ratings®" 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 the LSE Group or their respective licensors and are owned, or used under licence, by FTSE, Russell, MTSNext, FTSE Canada, Mergent, FTSE FI, YB or BR. FTSE International 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 the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of the LSE Group 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 of results to be obtained from the use of FTSE Russell products, including but not limited to indexes, data and analytics, or the fitness or suitability of the FTSE Russell products for any particular purpose to which they might be put. Any representation of historical data accessible through FTSE Russell products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group 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 error (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 the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing contained herein or accessible through FTSE Russell products, including statistical data and industry reports, should be taken as constituting financial or investment advice or a financial promotion.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index 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 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 was officially launched. However, back-tested data may reflect the application of the index methodology with the benefit of hindsight, and the historic calculations of an index may change from month to month based on revisions to the underlying economic data used in the calculation of the index.

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 the LSE Group. Use and distribution of the LSE Group data requires a licence from FTSE, Russell, FTSE Canada, MTSNext, Mergent, FTSE FI, YB, BR and/or their respective licensors.

Data definitions available from
info@ftserussell.com

To learn more, visit www.ftserussell.com;
 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 4563 6346

Sydney +61 (0) 2 8823 3521