

# MSCI World Infrastructure Index (USD)

The MSCI World Infrastructure Index captures the global opportunity set of companies that are owners or operators of infrastructure assets. Constituents are selected from the equity universe of MSCI World, the parent index, which covers mid and large cap securities across the 23 Developed Markets (DM) countries\*. All index constituents are categorized in one of thirteen sub-industries according to the Global Industry Classification Standard (GICS®), which MSCI then aggregates and groups into five infrastructure sectors: Telecommunications, Utilities, Energy, Transportation and Social.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (MAY 2007 – MAY 2022)



## ANNUAL PERFORMANCE (%)

Year	MSCI World Infrastructure	MSCI World
2021	7.28	22.35
2020	1.08	16.50
2019	22.77	28.40
2018	-4.38	-8.20
2017	10.72	23.07
2016	8.93	8.15
2015	-5.38	-0.32
2014	8.25	5.50
2013	22.63	27.37
2012	6.09	16.54
2011	1.32	-5.02
2010	6.13	12.34
2009	11.83	30.79
2008	-30.06	-40.33

## INDEX PERFORMANCE – GROSS RETURNS (%) (MAY 31, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1998
					3 Yr	5 Yr	10 Yr		
MSCI World Infrastructure	4.45	4.91	5.19	4.57	8.58	6.38	8.17	3.95	
MSCI World	0.15	-5.55	-4.38	-12.76	13.20	10.29	11.66	6.28	

## FUNDAMENTALS (MAY 31, 2022)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.52	19.64	15.71	1.97
2.02	18.49	15.94	2.90

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 1998 – MAY 31, 2022)

	Beta	Tracking Error (%) <sup>1</sup>	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Dec 31, 1998	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World Infrastructure	0.73	8.96	3.12	14.11	12.34	11.34	0.61	0.47	0.69	0.21	66.33	2000-03-06–2002-10-09
MSCI World	1.00	0.00	2.57	17.90	15.93	13.26	0.75	0.62	0.85	0.35	57.46	2007-10-31–2009-03-09

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly gross returns data <sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

\* Developed Markets countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI World Infrastructure Index was launched on Jan 22, 2008. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

**INDEX CHARACTERISTICS**

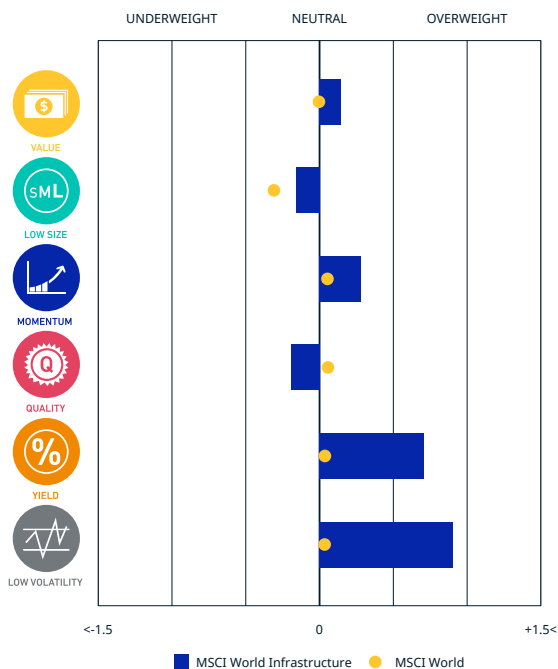
	MSCI World Infrastructure	MSCI World
<b>Number of Constituents</b>	124	1,540
	<b>Weight (%)</b>	
<b>Largest</b>	6.85	4.54
<b>Smallest</b>	0.05	0.00
<b>Average</b>	0.81	0.06
<b>Median</b>	0.43	0.03

**TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
VERIZON COMMUNICATIONS	US	6.85	0.39	Comm Svcs
AT&T	US	4.91	0.28	Comm Svcs
NEXTERA ENERGY	US	4.79	0.28	Utilities
ENBRIDGE	CA	3.02	0.17	Energy
DUKE ENERGY CORP	US	2.79	0.16	Utilities
T-MOBILE US	US	2.69	0.15	Comm Svcs
SOUTHERN COMPANY (THE)	US	2.59	0.15	Utilities
IBERDROLA	ES	2.22	0.13	Utilities
DOMINION ENERGY	US	2.20	0.13	Utilities
DEUTSCHE TELEKOM	DE	2.14	0.12	Comm Svcs
<b>Total</b>		<b>34.20</b>	<b>1.97</b>	

**FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN**

**MSCI FACTOR BOX**



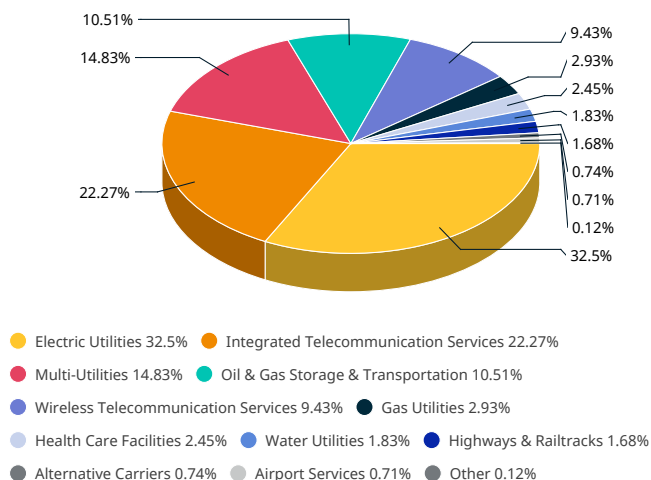
**MSCI FaCS**

- VALUE**  
Relatively Inexpensive Stocks
- LOW SIZE**  
Smaller Companies
- MOMENTUM**  
Rising Stocks
- QUALITY**  
Sound Balance Sheet Stocks
- YIELD**  
Cash Flow Paid Out
- LOW VOLATILITY**  
Lower Risk Stocks

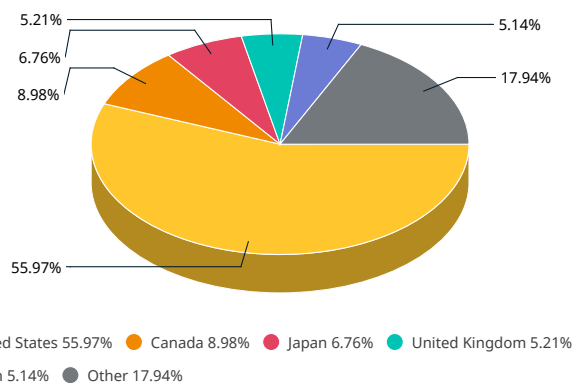
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

**SUB-INDUSTRY WEIGHTS**



**COUNTRY WEIGHTS**



## INDEX FRAMEWORK

The parent index of each MSCI Thematic Index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#)—a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. In general, the MSCI Thematic Indexes follow the event maintenance rules of the parent index; however, certain corporate events and GICS® classification changes may not be incorporated until the next index review. MSCI Thematic Indexes, like their parent indexes, are reviewed quarterly—in February, May, August and November. MSCI Thematic Indexes are also available in sector capped variations.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

## ABOUT MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit [www.msci.com](http://www.msci.com).

The information contained herein (the "Information") may not be reproduced or disseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited.

© 2022 MSCI Inc. All rights reserved.