

MSCI Global Green Building Index (USD)

The **MSCI Global Green Building Index** includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Green Building.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (OCT 2009 – OCT 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Global Green Building	MSCI World	MSCI ACWI IMI
2023	6.35	24.42	22.18
2022	-21.39	-17.73	-18.00
2021	6.06	22.35	18.71
2020	-13.56	16.50	16.81
2019	26.83	28.40	27.04
2018	-10.39	-8.20	-9.61
2017	29.19	23.07	24.58
2016	-2.65	8.15	8.96
2015	15.29	-0.32	-1.68
2014	5.10	5.50	4.36
2013	29.04	27.37	24.17
2012	34.58	16.54	17.04
2011	-6.81	-5.02	-7.43
2010	14.97	12.34	14.87

INDEX PERFORMANCE – GROSS RETURNS (%) (OCT 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 28, 2008
					3 Yr	5 Yr	10 Yr		
MSCI Global Green Building	-5.97	2.41	25.47	2.84	-4.88	-4.46	3.21	9.11	
MSCI World	-1.96	2.54	34.29	16.94	6.90	12.57	10.36	11.93	
MSCI ACWI IMI	-2.28	2.37	32.94	15.54	5.43	11.26	9.41	11.49	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.49	22.59	17.79	0.98
1.78	22.35	18.76	3.45
1.89	21.66	17.55	2.92

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 28, 2008	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Global Green Building	4.56	20.44	22.26	18.24	-0.32	-0.20	0.17	na	44.15	2020-02-14–2020-03-23
MSCI World	2.31	16.84	17.80	15.00	0.27	0.62	0.62	0.73	33.99	2020-02-12–2020-03-23
MSCI ACWI IMI	2.23	16.60	17.74	15.01	0.19	0.56	0.56	0.70	34.47	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly gross returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* DM 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. EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Russia, Qatar, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Global Green Building Index was launched on Jan 20, 2009. 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

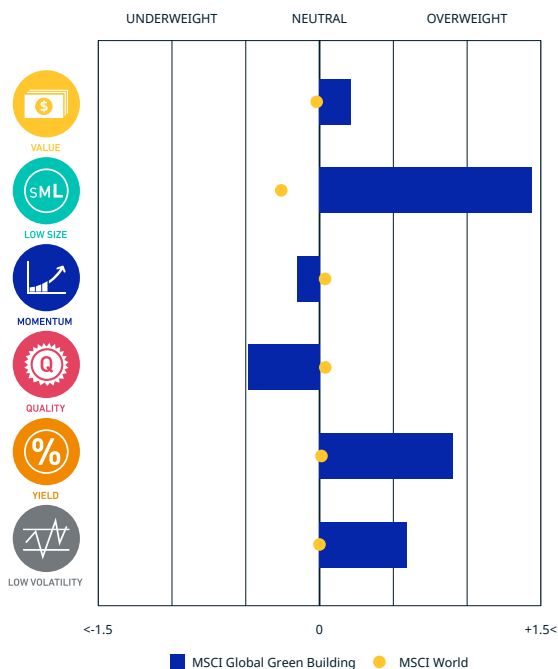
MSCI Global Green Building	
Number of Constituents	93
Mkt Cap (USD Millions)	
Index	268,425.69
Largest	17,557.39
Smallest	192.61
Average	2,886.30
Median	1,688.51

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
ALEXANDRIA REAL ESTATE	US	17.56	6.54	Real Estate
DAIWA HOUSE INDUSTRY	JP	16.82	6.27	Real Estate
BXP	US	12.02	4.48	Real Estate
UNIBAIL-RODAMCO-WE	FR	9.63	3.59	Real Estate
CAPITALAND INTEGRATED	SG	8.69	3.24	Real Estate
CAPITALAND ASCENDAS REIT	SG	7.60	2.83	Real Estate
KLEPIERRE	FR	6.86	2.55	Real Estate
VORNADO REALTY TRUST	US	6.70	2.50	Real Estate
MERITAGE HOMES CORP	US	6.58	2.45	Cons Discr
NIPPON BUILDING FUND	JP	6.56	2.44	Real Estate
Total		99.01	36.89	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



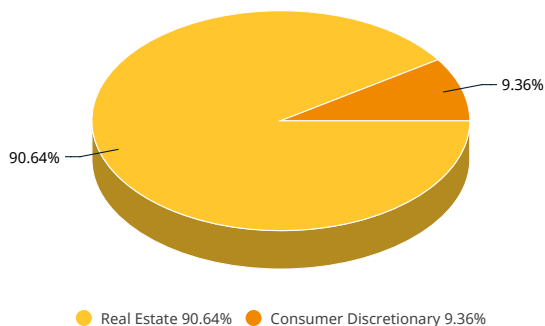
MSCI FaCS

- 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

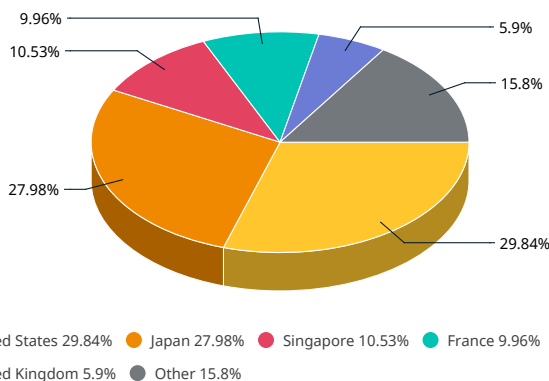
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



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

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