

# MSCI Global Energy Efficiency Index (USD)

The MSCI Global Energy Efficiency 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 Energy Efficiency.

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

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (MAY 2009 – MAY 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI Global Energy Efficiency	MSCI World	MSCI ACWI IMI
2023	59.56	24.42	22.18
2022	-56.48	-17.73	-18.00
2021	30.36	22.35	18.71
2020	197.74	16.50	16.81
2019	22.99	28.40	27.04
2018	-5.07	-8.20	-9.61
2017	27.17	23.07	24.58
2016	15.52	8.15	8.96
2015	-8.08	-0.32	-1.68
2014	-9.44	5.50	4.36
2013	36.17	27.37	24.17
2012	18.13	16.54	17.04
2011	-15.40	-5.02	-7.43
2010	29.72	12.34	14.87

## INDEX PERFORMANCE – GROSS RETURNS (%) (MAY 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 28, 2008
					3 Yr	5 Yr	10 Yr		
MSCI Global Energy Efficiency	-1.08	-9.41	-9.78	-22.68	-8.78	20.00	11.49	14.01	
MSCI World	4.53	3.99	25.51	9.77	7.18	13.31	9.71	11.81	
MSCI ACWI IMI	4.11	3.86	23.60	8.51	4.98	11.86	8.74	11.37	

## FUNDAMENTALS (MAY 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
0.43	56.39	50.14	4.16
1.85	21.70	18.33	3.32
1.96	21.09	17.27	2.81

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2024)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 28, 2008	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Global Energy Efficiency	8.56	47.94	47.24	34.91	-0.02	0.56	0.43	na	64.42	2021-11-04–2023-01-03
MSCI World	2.29	17.22	17.97	15.02	0.32	0.67	0.59	0.73	33.99	2020-02-12–2020-03-23
MSCI ACWI IMI	2.51	16.86	17.92	15.05	0.20	0.60	0.53	0.69	34.47	2020-02-12–2020-03-23

<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

\* 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 Energy Efficiency 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**

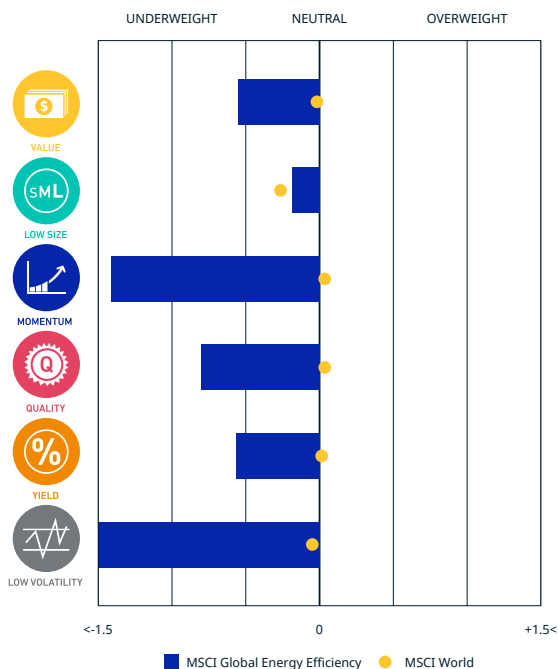
MSCI Global Energy Efficiency	
Number of Constituents	57
Mkt Cap (USD Millions)	
Index	795,441.72
Largest	509,492.09
Smallest	134.15
Average	13,955.12
Median	1,954.98

**TOP 10 CONSTITUENTS**

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
TESLA	US	509.49	64.05	Cons Discr
DIGITAL REALTY TRUST	US	44.02	5.53	Real Estate
BYD CO H	CN	29.28	3.68	Cons Discr
ENPHASE ENERGY	US	17.46	2.20	Info Tech
CENTRAL JAPAN RAILWAY CO	JP	17.26	2.17	Industrials
EAST JAPAN RAILWAY CO	JP	15.76	1.98	Industrials
KINGSPAN GROUP	IE	14.90	1.87	Industrials
TOPBUILD CORP	US	13.28	1.67	Cons Discr
LI AUTO (HK)	CN	11.47	1.44	Cons Discr
LG ENERGY SOLUTION	KR	11.19	1.41	Industrials
Total		684.11	86.00	

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

**MSCI FACTOR BOX**



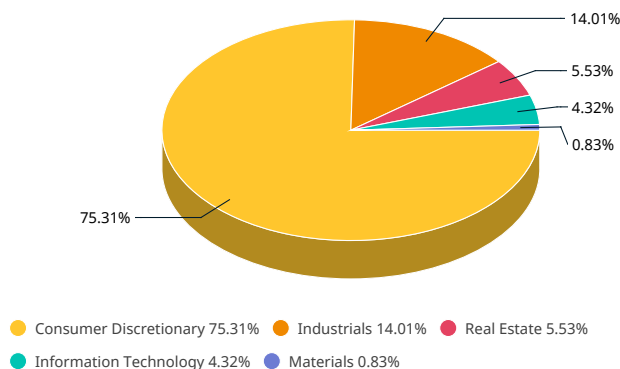
**MSCI FaCS**

- 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

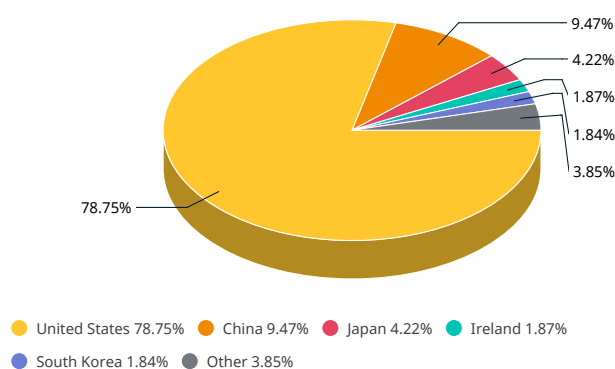
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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