

MSCI Japan Multiple-Factor ESG Target Index (USD)

The MSCI Japan Multiple-Factor ESG Target Index is based on MSCI Japan Index, its parent index, which includes large and mid-cap stocks of the Japanese equity markets. The index is designed to represent the performance of a strategy that seeks systematic integration of environmental, social and governance (ESG) norms in factor investing, by seeking higher exposure to combination of style factors along with the improvement in the ESG profile of the index.

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

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (DEC 2009 – DEC 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Japan Multiple-Factor ESG Target	MSCI Japan
2024	10.05	8.31
2023	16.49	20.32
2022	-14.76	-16.65
2021	3.25	1.71
2020	6.07	14.48
2019	16.28	19.61
2018	-17.93	-12.88
2017	26.56	23.99
2016	5.40	2.38
2015	10.62	9.57
2014	-0.19	-4.02
2013	25.84	27.16
2012	0.47	8.18
2011	-8.39	-14.33

INDEX PERFORMANCE – NET RETURNS (%) (DEC 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2007
					3 Yr	5 Yr	10 Yr		
MSCI Japan Multiple-Factor ESG Target	-0.40	-3.73	10.05	10.05	3.00	3.66	5.36	3.19	
MSCI Japan	-0.34	-3.60	8.31	8.31	2.80	4.81	6.25	3.25	

FUNDAMENTALS (DEC 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.28	14.42	14.03	1.45
2.23	14.77	14.65	1.55

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2007 – DEC 31, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 30, 2007	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Japan Multiple-Factor ESG Target	0.96	3.43	57.71	15.84	15.75	14.03	0.02	0.15	0.31	0.20	48.27	2007-12-11–2009-03-10
MSCI Japan	1.00	0.00	4.47	16.05	15.80	14.08	0.01	0.22	0.37	0.20	49.89	2007-12-11–2009-03-10

¹ Last 12 months

² Based on monthly net returns data

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

The MSCI Japan Multiple-Factor ESG Target Index was launched on Sep 28, 2017. 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

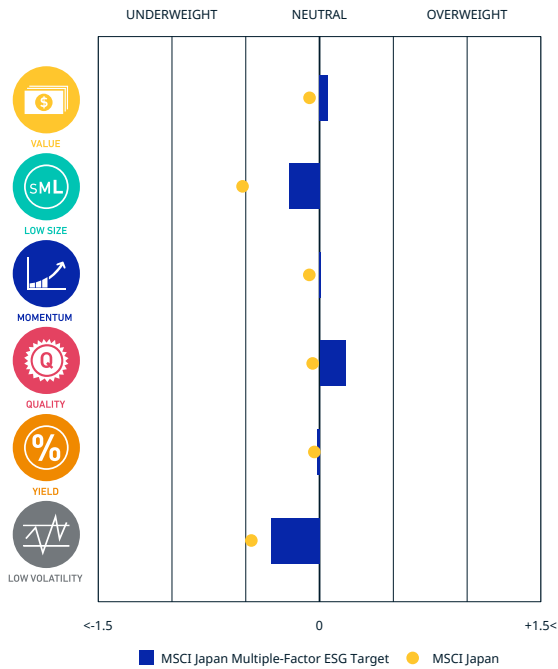
	MSCI Japan Multiple-Factor ESG Target	MSCI Japan
Number of Constituents	68	191
Weight (%)		
Largest	5.08	5.49
Smallest	0.00	0.06
Average	1.47	0.52
Median	1.23	0.28

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
HITACHI	5.08	3.10	Industrials
ITOCHU CORP	3.53	1.58	Industrials
KDDI	3.28	1.32	Comm Svcs
TOYOTA MOTOR CORP	3.20	5.49	Cons Discr
HOYA CORP	3.07	1.17	Health Care
SOMPO HOLDINGS	2.94	0.62	Financials
PANASONIC HOLDINGS CORP	2.84	0.65	Cons Discr
MITSUBISHI ELECTRIC CORP	2.81	0.87	Industrials
SONY GROUP CORP	2.77	3.58	Cons Discr
FUJITSU	2.77	0.79	Info Tech
Total	32.30	19.18	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



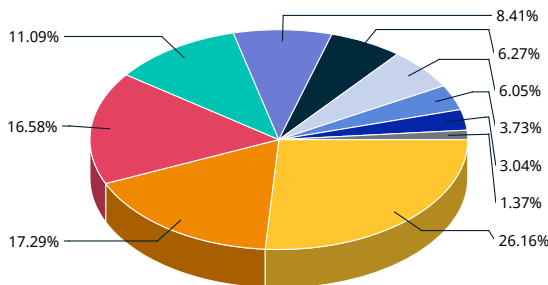
MSCI FaCS

- 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



- Industrials 26.16%
- Consumer Discretionary 17.29%
- Information Technology 16.58%
- Financials 11.09%
- Communication Services 8.41%
- Materials 6.27%
- Health Care 6.05%
- Energy 3.73%
- Consumer Staples 3.04%
- Utilities 1.37%

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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