

MSCI Japan Climate Action Index (USD)

The MSCI Japan Climate Action Index is designed to represent the performance of companies that have been assessed to lead their sector peers in terms of their positioning and actions relative to a climate transition. MSCI Climate Action Indexes use MSCI ESG Business Involvement Screening Research and MSCI Climate Change Metrics to identify companies that are involved in the following business activities such as Controversial Weapons, Tobacco, Thermal Coal Mining, Oil Sands and Nuclear Weapons.

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

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2018 – DEC 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Japan Climate Action	MSCI Japan
2024	9.79	8.31
2023	19.24	20.32
2022	-16.98	-16.65
2021	0.53	1.71
2020	16.06	14.48
2019	22.31	19.61

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2018
					3 Yr	5 Yr	10 Yr		
MSCI Japan Climate Action	-0.30	-2.91	9.79	9.79	2.82	4.87	na	6.13	
MSCI Japan	-0.34	-3.60	8.31	8.31	2.80	4.81	na	5.83	

FUNDAMENTALS (DEC 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.08	14.76	15.77	1.67
2.23	14.77	14.65	1.55

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2018 – DEC 31, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since Nov 30, 2018	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Japan Climate Action	0.99	1.76	19.70	15.80	15.68	na	0.01	0.22	na	0.31	33.43	2021-09-14–2022-10-21
MSCI Japan	1.00	0.00	4.47	16.05	15.80	na	0.01	0.22	na	0.29	33.42	2021-09-14–2022-10-21

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 Climate Action Index was launched on Oct 04, 2022. 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

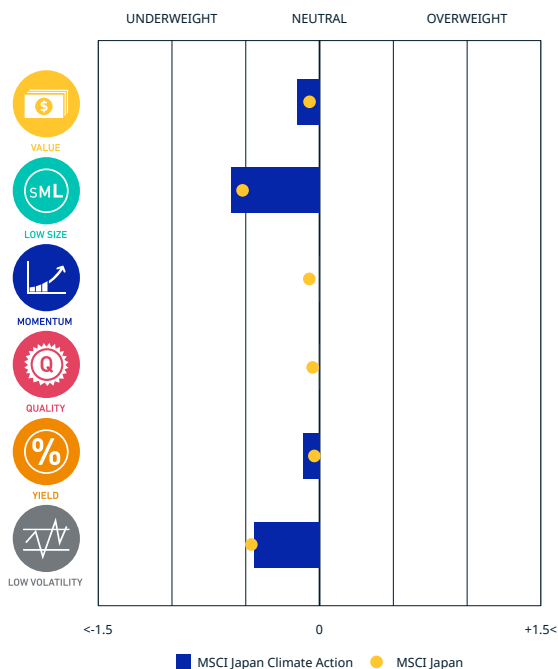
	MSCI Japan Climate Action	MSCI Japan
Number of Constituents	96	191
	Weight (%)	
Largest	5.73	5.49
Smallest	0.14	0.06
Average	1.04	0.52
Median	0.54	0.28

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
TOYOTA MOTOR CORP	5.73	5.49	Cons Discr
SONY GROUP CORP	5.65	3.58	Cons Discr
MITSUBISHI UFJ FIN GRP	5.01	3.48	Financials
HITACHI	4.93	3.10	Industrials
RECRUIT HOLDINGS CO	4.82	2.66	Industrials
TOKIO MARINE HOLDINGS	3.32	1.83	Financials
FAST RETAILING CO	3.17	1.75	Cons Discr
SHIN-ETSU CHEMICAL CO	2.94	1.62	Materials
MIZUHO FINANCIAL GROUP	2.88	1.59	Financials
SOFTBANK GROUP CORP	2.71	1.49	Comm Srvcs
Total	41.17	26.59	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



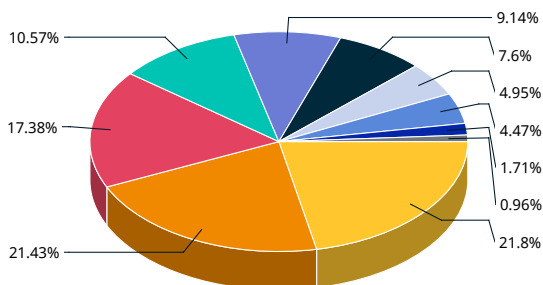
MSCI FaCS

- 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 21.8%
- Consumer Discretionary 21.43%
- Financials 17.38%
- Information Technology 10.57%
- Communication Services 9.14%
- Health Care 7.6%
- Materials 4.95%
- Consumer Staples 4.47%
- Real Estate 1.71%
- Utilities 0.96%

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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