

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.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2018 – SEP 2022)



ANNUAL PERFORMANCE (%)

Year	MSCI Japan Climate Action	MSCI Japan
2021	0.53	1.71
2020	16.06	14.48
2019	22.31	19.61

INDEX PERFORMANCE – NET RETURNS (%) (SEP 30, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 2018	FUNDAMENTALS (SEP 30, 2022)			
					3 Yr	5 Yr	10 Yr			Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Japan Climate Action	-9.78	-7.67	-29.94	-26.37	-2.58	na	na	-0.70		2.55	17.70	12.64	1.27
MSCI Japan	-10.36	-7.67	-29.30	-26.38	-2.65	na	na	-1.14		2.70	13.68	11.63	1.21

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2018 – SEP 30, 2022)

	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	1.00	1.36	16.87	16.77	na	na	-0.11	na	na	-0.03	32.87	2021-09-14–2022-09-30
MSCI Japan	1.00	0.00	3.15	16.87	na	na	-0.11	na	na	-0.05	32.86	2021-09-14–2022-09-30

¹ Last 12 months² Based on monthly net returns data³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

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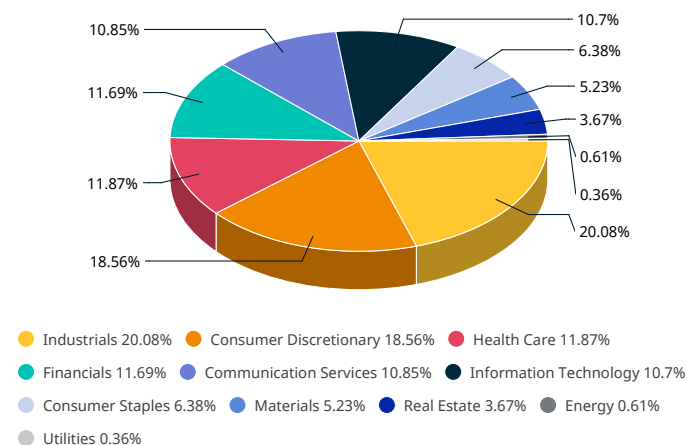
INDEX CHARACTERISTICS

	MSCI Japan Climate Action	MSCI Japan
Number of Constituents	118	238
	Weight (%)	
Largest	4.67	4.97
Smallest	0.09	0.05
Average	0.85	0.42
Median	0.51	0.23

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
TOYOTA MOTOR CORP	4.67	4.97	Cons Discr
SONY GROUP CORP	4.05	2.92	Cons Discr
MITSUBISHI UFJ FIN GRP	3.33	1.94	Financials
DAIICHI SANKYO CO	3.03	1.77	Health Care
KDDI	2.93	1.71	Comm Svcs
RECRUIT HOLDINGS CO	2.57	1.50	Industrials
HITACHI	2.53	1.48	Industrials
SOFTBANK GROUP CORP	2.53	1.48	Comm Svcs
TAKEDA PHARMACEUTICAL	2.42	1.41	Health Care
SHIN-ETSU CHEMICAL CO	2.30	1.34	Materials
Total	30.34	20.52	

SECTOR WEIGHTS



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 FRAMEWORK

Companies from the underlying MSCI Japan (the “Parent Index”) are assessed relative to their sector peers based on their emissions intensity, emissions reduction commitments, climate risk management and revenue from greener businesses. The Index uses this assessment to select 50% of the companies from each GICS® sector in the Parent Index. Overall the Index targets a coverage of 50% of the companies per sector from the Parent Index. Additionally, the max issuer weights are capped at 5%.

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](#).

ABOUT MSCI

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