MSCI Japan Index (USD)

The MSCI Japan Index is designed to measure the performance of the large and mid cap segments of the Japanese market. With 191 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in Japan.

For a complete description of the index methodology, please see <u>Index methodology - MSCI.</u>

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



ANNUAL PERFORMANCE (%)

Year	MSCI Japan	MSCI World	MSCI ACWI IMI
2024	8.31	18.67	16.37
2023	20.32	23.79	21.58
2022	-16.65	-18.14	-18.40
2021	1.71	21.82	18.22
2020	14.48	15.90	16.25
2019	19.61	27.67	26.35
2018	-12.88	-8.71	-10.08
2017	23.99	22.40	23.95
2016	2.38	7.51	8.36
2015	9.57	-0.87	-2.19
2014	-4.02	4.94	3.84
2013	27.16	26.68	23.55
2012	8.18	15.83	16.38
2011	-14.33	-5.54	-7.89

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

FUNDAMENTALS (DEC 31, 2024)

			ANNUALIZED										
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _N	Since lay 31, 1994	Div Yld (%)	P/E	P/E Fwd	P/BV	
MSCI Japan	-0.34	-3.60	8.31	8.31	2.80	4.81	6.25	1.90	2.23	14.77	14.65	1.55	
MSCI World	-2.61	-0.16	18.67	18.67	6.34	11.17	9.95	7.88	1.73	23.04	19.06	3.57	
MSCI ACWI IMI	-2.69	-1.24	16.37	16.37	4.90	9.67	9.00	7.52	1.86	22.20	17.78	2.99	

INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 2024)

		ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN	
	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 31, 1994	(%)	Period YYYY-MM-DD
MSCI Japan	4.47	16.05	15.80	14.08	0.01	0.22	0.37	na	63.68	1989-02-28-2003-04-28
MSCI World	2.36	16.88	17.91	15.06	0.22	0.55	0.59	na	57.82	2007-10-31-2009-03-09
MSCI ACWI IMI	2.39	16.59	17.81	15.06	0.14	0.47	0.53	0.38	58.59	2007-10-31-2009-03-09

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 Index was launched on Mar 31, 1986. 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.



DEC 31, 2024 Index Factsheet

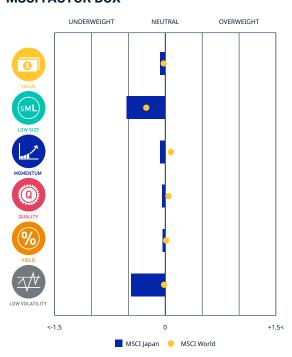
INDEX CHARACTERISTICS

	MSCI Japan
Number of	191
Constituents	
	Mkt Cap (USD Millions)
Index	3,742,583.59
Largest	205,517.75
Smallest	2,093.92
Average	19,594.68
Median	10,309.08

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
TOYOTA MOTOR CORP	205.52	5.49	Cons Discr
SONY GROUP CORP	133.83	3.58	Cons Discr
MITSUBISHI UFJ FIN GRP	130.43	3.48	Financials
HITACHI	116.15	3.10	Industrials
RECRUIT HOLDINGS CO	99.45	2.66	Industrials
SUMITOMO MITSUI FINL GRP	89.29	2.39	Financials
KEYENCE CORP	80.01	2.14	Info Tech
TOKYO ELECTRON	68.95	1.84	Info Tech
TOKIO MARINE HOLDINGS	68.49	1.83	Financials
FAST RETAILING CO	65.39	1.75	Cons Discr
Total	1,057.50	28.26	

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



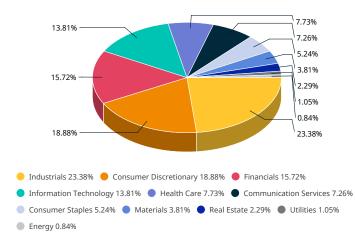
LOW VOLATILITY Lower Risk Stocks

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





DEC 31, 2024 Index Factsheet

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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