

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 237 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in Japan.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (FEB 2008 – FEB 2023)



ANNUAL PERFORMANCE (%)

Year	MSCI Japan	MSCI World	MSCI ACWI IMI
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
2010	15.44	11.76	14.35
2009	6.25	29.99	36.41

INDEX PERFORMANCE – NET RETURNS (%) (FEB 28, 2023)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1994	FUNDAMENTALS (FEB 28, 2023)			
					3 Yr	5 Yr	10 Yr	Div Yld (%)		P/E	P/E Fwd	P/BV	
MSCI Japan	-3.84	2.41	-9.30	2.14	3.42	0.06	5.12	1.16	2.53	15.56	12.90	1.28	
MSCI World	-2.40	0.06	-7.33	4.50	9.90	6.88	8.77	7.13	2.15	18.23	15.91	2.77	
MSCI ACWI IMI	-2.78	0.37	-8.06	4.38	8.92	5.66	7.90	6.88	2.27	17.40	15.30	2.41	

INDEX RISK AND RETURN CHARACTERISTICS (FEB 28, 2023)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since May 31, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Japan	2.22	17.24	15.69	14.15	0.23	-0.01	0.36	na	63.68	1989-02-28–2003-04-28
MSCI World	2.14	20.41	18.12	14.62	0.52	0.38	0.59	na	57.82	2007-10-31–2009-03-09
MSCI ACWI IMI	2.33	20.31	18.08	14.64	0.48	0.32	0.53	0.34	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.

INDEX CHARACTERISTICS

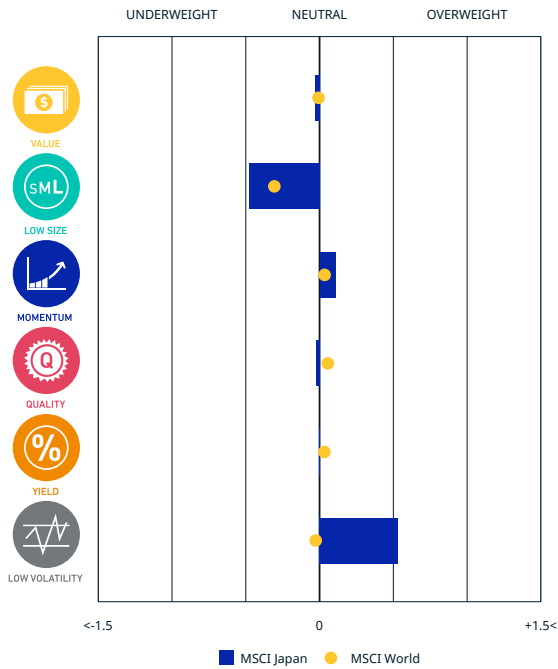
MSCI Japan	
Number of Constituents	237
Mkt Cap (USD Millions)	
Index	3,190,376.72
Largest	145,001.15
Smallest	1,570.93
Average	13,461.51
Median	7,153.10

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
TOYOTA MOTOR CORP	145.00	4.54	Cons Discr
SONY GROUP CORP	105.82	3.32	Cons Discr
MITSUBISHI UFJ FIN GRP	84.69	2.65	Financials
KEYENCE CORP	84.12	2.64	Info Tech
SUMITOMO MITSUI FINL GRP	57.26	1.79	Financials
DAIICHI SANKYO CO	55.10	1.73	Health Care
SHIN-ETSU CHEMICAL CO	52.72	1.65	Materials
TOKYO ELECTRON	51.21	1.61	Info Tech
HITACHI	48.99	1.54	Industrials
SOFTBANK GROUP CORP	48.85	1.53	Comm Srvcs
Total	733.76	23.00	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



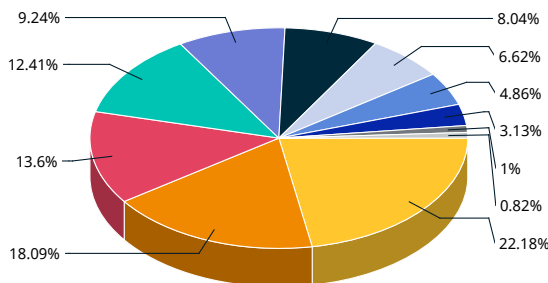
MSCI FaCS

- 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



- Industrials 22.18%
- Consumer Discretionary 18.09%
- Information Technology 13.6%
- Financials 12.41%
- Health Care 9.24%
- Communication Services 8.04%
- Consumer Staples 6.62%
- Materials 4.86%
- Real Estate 3.13%
- Utilities 1%
- Energy 0.82%

INDEX FRAMEWORK

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#) – a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability.

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](#).

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

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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