

MSCI JAPAN SRI INDEX (JPY)

The MSCI Japan SRI Index is a subset of the MSCI Japan Index, which includes the large and mid-cap stocks of the Japanese market. The index is a capitalization weighted index that provides exposure to companies with outstanding Environmental, Social and Governance (ESG) ratings and excludes companies whose products have negative social or environmental impacts. The Index is designed for investors seeking a diversified Socially Responsible Investment (SRI) benchmark comprised of companies with strong sustainability profiles while avoiding companies incompatible with values screens. Constituent selection is based on research provided by MSCI ESG Research.

CUMULATIVE INDEX PERFORMANCE - NET RETURNS (JPY) (SEP 2007 – NOV 2019)



ANNUAL PERFORMANCE (%)

Year	MSCI Japan SRI	MSCI Japan
2018	-15.66	-15.15
2017	18.89	19.75
2016	-2.33	-0.74
2015	12.37	9.93
2014	13.79	9.48
2013	53.53	54.58
2012	16.70	21.57
2011	-18.97	-18.73
2010	2.55	0.57
2009	14.25	9.12
2008	-45.40	-42.56

INDEX PERFORMANCE — NET RETURNS (%) (NOV 29, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Sep 28, 2007
					3 Yr	5 Yr	10 Yr		
MSCI Japan SRI	2.36	16.48	7.86	20.59	7.50	5.73	9.37	2.47	
MSCI Japan	1.87	13.18	5.45	16.95	7.09	5.24	9.03	1.83	

FUNDAMENTALS (NOV 29, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.22	14.34	14.79	1.63
2.32	14.60	14.18	1.33

INDEX RISK AND RETURN CHARACTERISTICS (SEP 28, 2007 – NOV 29, 2019)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Sep 28, 2007	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Japan SRI	1.03	3.20	9.58	13.64	16.09	17.77	0.60	0.43	0.59	0.22	59.21	2007-10-11—2009-03-10
MSCI Japan	1.00	0.00	2.01	12.76	15.67	17.08	0.61	0.41	0.59	0.18	58.96	2007-10-11—2009-03-12

¹ Last 12 months

² Based on monthly net returns data

³ Based on ICE LIBOR 1M

The MSCI ESG Indexes use ratings and other data supplied by MSCI ESG Research Inc, a subsidiary of MSCI Inc.

The MSCI Japan SRI Index was launched on Jan 16, 2012. Data prior to the launch date is back-tested data (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.

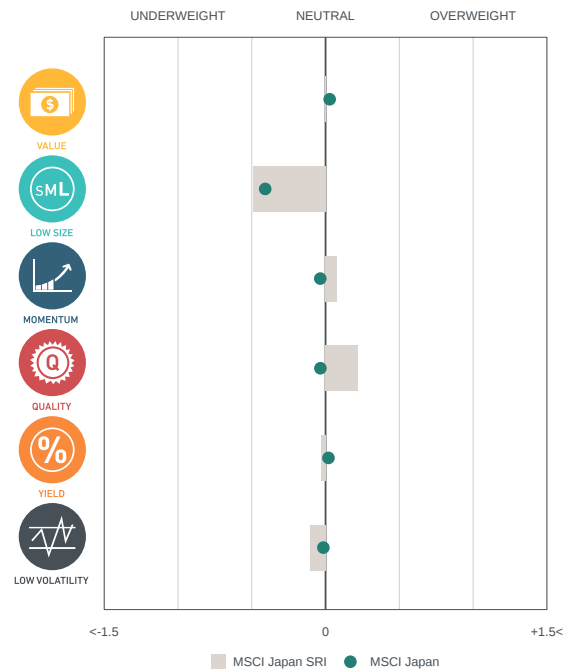
INDEX CHARACTERISTICS

	MSCI Japan SRI	MSCI Japan
Number of Constituents	60	324
Weight (%)		
Largest	9.43	4.45
Smallest	0.22	0.04
Average	1.67	0.31
Median	0.90	0.16

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
SONY CORP	9.43	2.24	Cons Discr
KDDI	5.95	1.42	Comm Srvcs
HONDA MOTOR CO	5.37	1.28	Cons Discr
NINTENDO CO	5.09	1.21	Comm Srvcs
KAO CORP	4.46	1.06	Cons Staples
NTT DOCOMO	4.30	1.02	Comm Srvcs
DAIKIN INDUSTRIES	4.21	1.00	Industrials
MURATA MANUFACTURING CO	3.91	0.93	Info Tech
TOKYO ELECTRON	3.81	0.91	Info Tech
ASTELLAS PHARMA	3.79	0.90	Health Care
Total	50.31	11.96	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



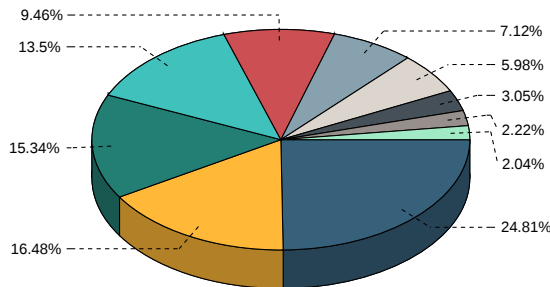
MSCI FaCS

- 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



- Consumer Discretionary 24.81%
- Industrials 16.48%
- Communication Services 15.34%
- Information Technology 13.5%
- Consumer Staples 9.46%
- Materials 7.12%
- Health Care 5.98%
- Financials 3.05%
- Utilities 2.22%
- Real Estate 2.04%

INDEX METHODOLOGY

MSCI SRI Indexes are constructed by applying a combination of values based exclusions and a Best-in-Class selection process to companies in the regional indexes that make up MSCI ACWI, a global equity index consisting of developed and emerging market countries. After securities of companies involved in Nuclear Power, Tobacco, Alcohol, Gambling, Military Weapons, Civilian Firearms, GMOs, Thermal Coal and Adult Entertainment are excluded, MSCI's Best-in-Class selection process is applied to the remaining eligible securities in the selection universe. The MSCI SRI Indexes target sector and region weights consistent with those of the underlying indexes to limit the systematic risk introduced by the ESG selection process. The methodology aims to include the securities of companies with the highest ESG ratings making up 25% of the market capitalization in each sector and region of the parent indexes. Companies that are not existing constituents of the MSCI SRI Indexes must have an MSCI ESG Rating above BBB and the MSCI ESG Controversies score above 3 to be eligible. Current constituents of the MSCI SRI Indexes must have an MSCI ESG Rating above B and the MSCI ESG Controversies score above 0 to be eligible. The selection universe for the MSCI SRI Indexes is the constituents of the MSCI Global Investable Market Indexes. The Index is float-adjusted market capitalization weighted.

FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) 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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