

MSCI KOKUSAI INDEX (USD)

The MSCI Kokusai Index (also known as the MSCI World ex Japan Index) captures large and mid cap representation across 22 of 23 Developed Markets countries* (excluding Japan). With 1,311 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (DEC 2003 – DEC 2018)



ANNUAL PERFORMANCE (%)

Year	MSCI Kokusai	MSCI World	MSCI ACWI IMI
2018	-7.78	-8.20	-9.61
2017	22.94	23.07	24.58
2016	8.69	8.15	8.96
2015	-1.21	-0.32	-1.68
2014	6.38	5.50	4.36
2013	27.37	27.37	24.17
2012	17.36	16.54	17.04
2011	-3.99	-5.02	-7.43
2010	11.99	12.34	14.87
2009	34.04	30.79	37.18
2008	-41.55	-40.33	-42.01
2007	11.25	9.57	11.66
2006	22.61	20.65	21.49
2005	8.24	10.02	12.06

INDEX PERFORMANCE — GROSS RETURNS (%) (DEC 31, 2018)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since May 31, 1994
MSCI Kokusai	-7.65	-13.23	-7.78	-7.78	7.21	5.31	10.81	8.27
MSCI World	-7.57	-13.31	-8.20	-8.20	6.91	5.14	10.29	7.02
MSCI ACWI IMI	-7.19	-13.19	-9.61	-9.61	7.06	4.72	10.32	6.81

FUNDAMENTALS (DEC 31, 2018)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.78	16.73	13.70	2.34
2.76	16.09	13.45	2.15
2.72	15.87	13.18	1.98

INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 2018)

	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 Kokusai	1.98	10.61	10.90	14.81	0.60	0.46	0.73	na	58.31	2007-10-31—2009-03-09
MSCI World	2.02	10.54	10.78	14.39	0.57	0.45	0.72	na	57.46	2007-10-31—2009-03-09
MSCI ACWI IMI	2.32	10.80	10.89	14.79	0.57	0.41	0.70	0.33	58.28	2007-10-31—2009-03-09

¹ Last 12 months

² Based on monthly gross returns data

³ Based on ICE LIBOR 1M

* The Developed Markets countries in the index include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI Kokusai Index was launched on Mar 31, 1986. 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.

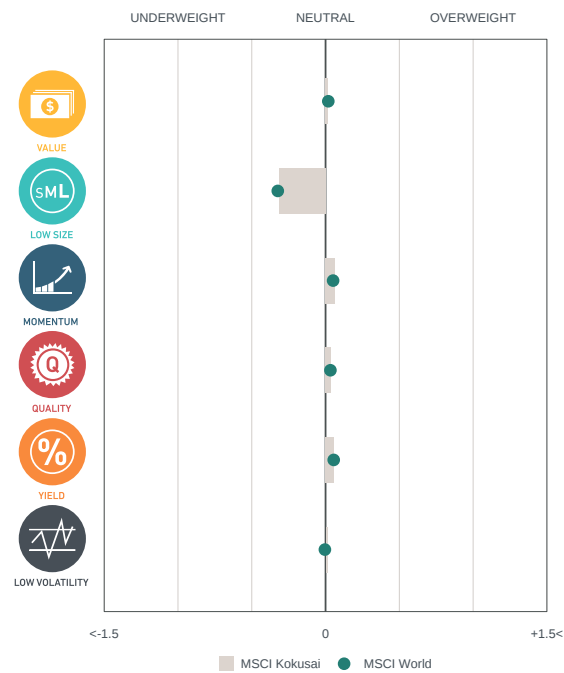
INDEX CHARACTERISTICS

MSCI Kokusai	
Number of Constituents	1,311
Mkt Cap (USD Millions)	
Index	32,684,308.90
Largest	761,872.53
Smallest	1,153.78
Average	24,930.82
Median	10,310.52

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	761.87	2.33	Info Tech
MICROSOFT CORP	739.92	2.26	Info Tech
AMAZON.COM	622.69	1.91	Cons Discr
JOHNSON & JOHNSON	346.21	1.06	Health Care
JPMORGAN CHASE & CO	328.09	1.00	Financials
ALPHABET C	326.11	1.00	Communication Services
FACEBOOK A	316.15	0.97	Communication Services
ALPHABET A	312.35	0.96	Communication Services
EXXON MOBIL CORP	288.70	0.88	Energy
BERKSHIRE HATHAWAY B	264.93	0.81	Financials
Total	4,307.02	13.18	

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

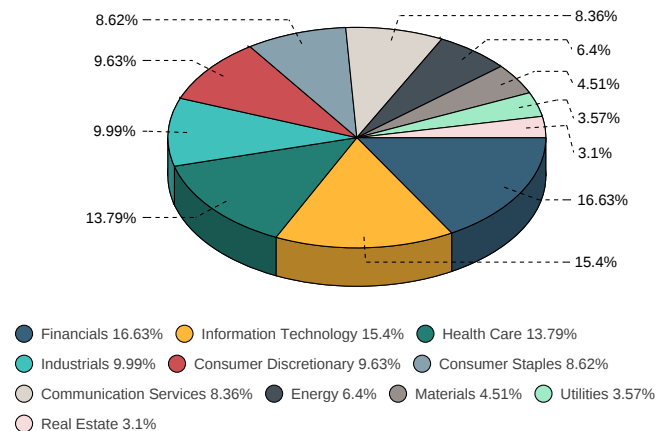


MSCI FaCS

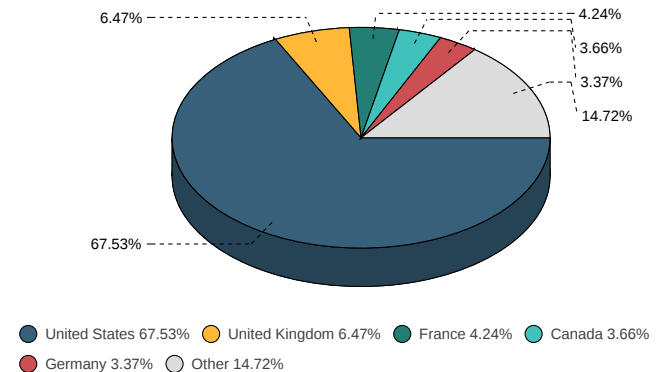
- VALUE**
Relatively Inexpensive Stocks
- LOW SIZE**
Smaller Companies
- MOMENTUM**
Rising Stocks
- QUALITY**
Sound Balance Sheet Stocks
- YIELD**
Cash Flow Paid Out
- LOW VOLATILITY**
Lower Risk Stocks

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



COUNTRY WEIGHTS



INDEX METHODOLOGY

The index is based on the [MSCI Global Investable 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. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

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

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