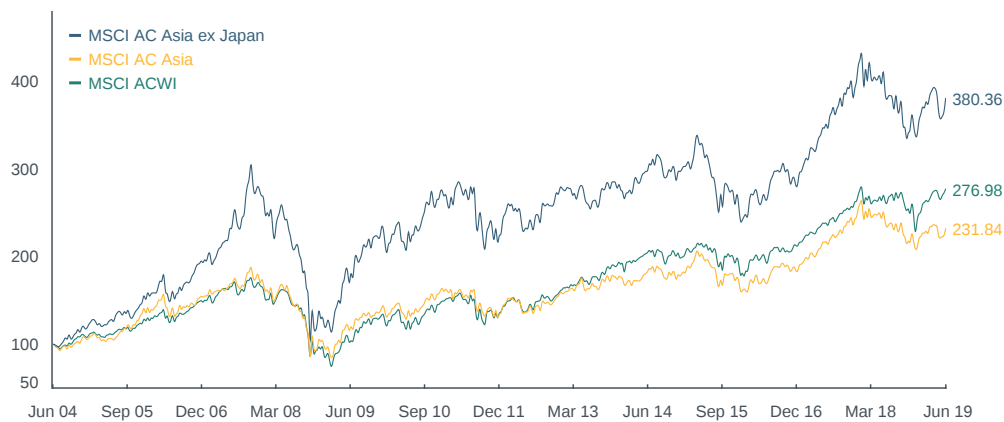


MSCI AC ASIA EX JAPAN INDEX (USD)

The MSCI AC Asia ex Japan Index captures large and mid cap representation across 2 of 3 Developed Markets (DM) countries* (excluding Japan) and 9 Emerging Markets (EM) countries* in Asia. With 974 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

CUMULATIVE INDEX PERFORMANCE - NET RETURNS (USD) (JUN 2004 – JUN 2019)



ANNUAL PERFORMANCE (%)

Year	MSCI AC Asia ex Japan	MSCI AC Asia	MSCI ACWI
2018	-14.37	-13.73	-9.41
2017	41.72	33.41	23.97
2016	5.44	3.93	7.86
2015	-9.17	-0.65	-2.36
2014	4.80	0.54	4.16
2013	3.07	13.43	22.80
2012	22.36	15.77	16.13
2011	-17.31	-15.93	-7.35
2010	19.62	17.55	12.67
2009	72.08	31.73	34.63
2008	-52.38	-40.30	-42.19
2007	40.13	12.11	11.66
2006	33.32	14.50	20.95
2005	22.69	24.55	10.84

INDEX PERFORMANCE — NET RETURNS (%) (JUN 28, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 29, 2000
MSCI AC Asia ex Japan	6.58	-0.66	-0.48	10.70	11.50	4.84	7.87	8.81
MSCI AC Asia	5.39	0.04	-2.04	9.46	9.98	4.76	6.85	4.81
MSCI ACWI	6.55	3.61	5.74	16.23	11.62	6.16	10.15	5.28

FUNDAMENTALS (JUN 28, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.53	14.28	13.01	1.54
2.52	13.63	12.84	1.39
2.49	17.54	15.12	2.29

INDEX RISK AND RETURN CHARACTERISTICS (JUN 28, 2019)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 29, 2000 (%)	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI AC Asia ex Japan	5.85	14.47	15.51	16.93	0.72	0.32	0.50	0.43	65.51	2007-10-29—2008-10-27
MSCI AC Asia	4.23	12.25	13.11	13.45	0.71	0.34	0.51	0.27	56.44	2007-11-01—2009-03-09
MSCI ACWI	2.78	11.32	11.79	13.49	0.90	0.48	0.74	0.30	58.38	2007-10-31—2009-03-09

¹ Last 12 months ² Based on monthly net returns data ³ Based on ICE LIBOR 1M

* DM countries in the index include: Hong Kong and Singapore. EM countries include: China, India, Indonesia, Korea, Malaysia, Pakistan, the Philippines, Taiwan and Thailand.

The MSCI AC Asia ex Japan Index was launched on Jan 01, 2001. 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.

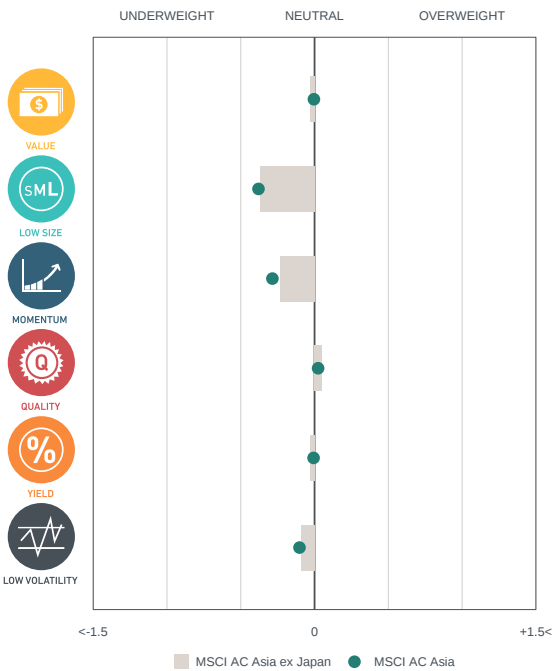
INDEX CHARACTERISTICS

MSCI AC Asia ex Japan	
Number of Constituents	974
Mkt Cap (USD Millions)	
Index	4,726,750.98
Largest	257,808.79
Smallest	67.77
Average	4,852.93
Median	1,833.97

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
TENCENT HOLDINGS LI (CN)	CN	257.81	5.45	Comm Srvc
ALIBABA GROUP HLDG ADR	CN	240.96	5.10	Cons Discr
SAMSUNG ELECTRONICS CO	KR	194.40	4.11	Info Tech
TAIWAN SEMICONDUCTOR MFG	TW	189.56	4.01	Info Tech
AIA GROUP	HK	130.24	2.76	Financials
CHINA CONSTRUCTION BK H	CN	82.84	1.75	Financials
PING AN INSURANCE H	CN	67.06	1.42	Financials
CHINA MOBILE	CN	55.94	1.18	Comm Srvc
HOUSING DEV FINANCE CORP	IN	51.93	1.10	Financials
RELIANCE INDUSTRIES	IN	51.78	1.10	Energy
Total		1,322.53	27.98	

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



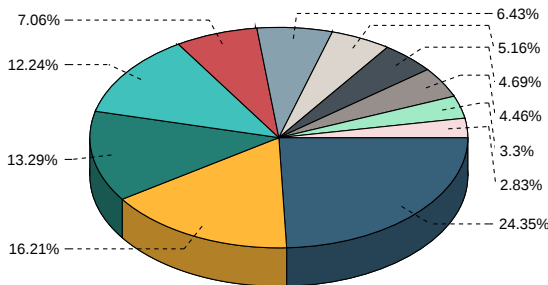
MSCI FaCS

- 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.

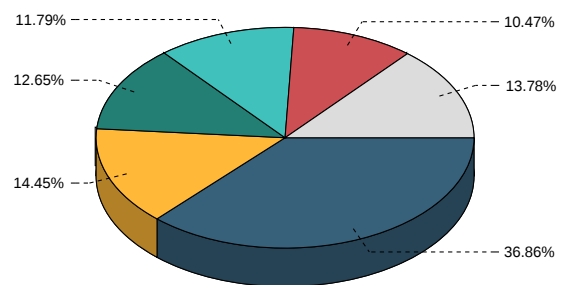
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



- Financials 24.35%
- Information Technology 16.21%
- Consumer Discretionary 13.29%
- Communication Services 12.24%
- Industrials 7.06%
- Real Estate 6.43%
- Consumer Staples 5.16%
- Materials 4.69%
- Energy 4.46%
- Utilities 3.3%
- Health Care 2.83%

COUNTRY WEIGHTS



- China 36.86%
- South Korea 14.45%
- Taiwan 12.65%
- Hong Kong 10.47%
- India 10.47%
- Other 13.78%

INDEX METHODOLOGY

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. 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

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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