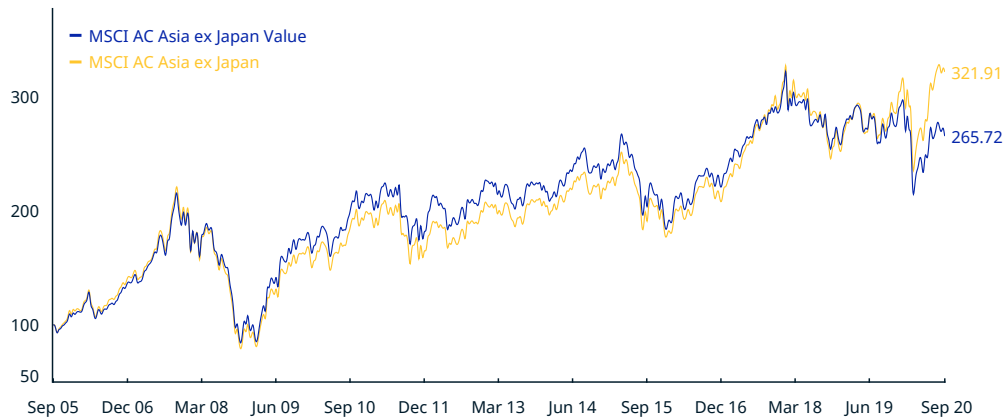# MSCI AC Asia ex Japan Value Index (USD)

The MSCI AC Asia ex Japan Value Index captures large and mid cap securities exhibiting overall value style characteristics across 2 of 3 Developed Markets countries* (excluding Japan) and 9 Emerging Markets countries* in Asia. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield.

CUMULATIVE INDEX PERFORMANCE — GROSS RETURNS (USD) (SEP 2005 – SEP 2020)

ANNUAL PERFORMANCE (%)

Year	MSCI AC Asia ex Japan Value	MSCI AC Asia ex Japan
2019	11.14	18.52
2018	-11.19	-14.12
2017	31.99	42.08
2016	7.52	5.76
2015	-11.67	-8.90
2014	6.14	5.11
2013	1.06	3.33
2012	21.41	22.70
2011	-15.41	-17.07
2010	20.48	19.93
2009	72.78	72.53
2008	-47.47	-52.23
2007	41.58	40.52
2006	32.30	33.74

INDEX PERFORMANCE — GROSS RETURNS (%) (SEP 30, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED 3 Yr	5 Yr	10 Yr	Since Dec 31, 1996
MSCI AC Asia ex Japan Value	-2.38	5.28	-0.42	-8.78	-1.13	5.37	2.90	4.38
MSCI AC Asia ex Japan	-1.48	10.79	18.16	5.64	5.20	10.91	5.67	5.20

FUNDAMENTALS (SEP 30, 2020)

	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI AC Asia ex Japan Value	3.61	12.15	10.04	1.00
MSCI AC Asia ex Japan	2.18	18.95	15.13	1.72

INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 1996 – SEP 30, 2020)

	Beta	Tracking Error (%)	Turnover (%) [1]	ANNUALIZED STD DEV (%) [2] 3 Yr	5 Yr	10 Yr	SHARPE RATIO [2],[3] 3 Yr	5 Yr	10 Yr	Since Dec 31, 1996	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
MSCI AC Asia ex Japan Value	1.00	4.28	27.51	17.49	16.26	16.40	-0.08	0.32	0.21	0.20	62.17	2007-10-29—2008-10-27
MSCI AC Asia ex Japan	1.00	0.00	8.81	18.24	16.67	16.69	0.27	0.63	0.37	0.23	65.40	2007-10-29—2008-10-27

[1] Last 12 months   [2] Based on monthly gross returns data   [3] Based on ICE LIBOR 1M

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

The MSCI AC Asia ex Japan Value Index was launched on Dec 08, 1997. 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.

MSCI

SEP 30, 2020

## INDEX CHARACTERISTICS

	MSCI AC Asia ex Japan Value	MSCI AC Asia ex Japan
Number of Constituents	864	1,186
Weight (%)		
Largest	3.35	9.64
Smallest	0.00	0.00
Average	0.12	0.08
Median	0.05	0.02

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
RELIANCE INDUSTRIES	IN	3.35	1.51	Energy
SAMSUNG ELECTRONICS CO	KR	3.22	4.15	Info Tech
CHINA CONSTRUCTION BK H	CN	2.41	1.09	Financials
PING AN INSURANCE H	CN	2.37	1.07	Financials
INFOSYS	IN	1.80	0.81	Info Tech
CHINA MOBILE	CN	1.52	0.68	Comm Srvcs
NETEASE COM ADR	CN	1.45	0.65	Comm Srvcs
SAMSUNG ELECTRONICS PREF	KR	1.38	0.62	Info Tech
BAIDU ADR	CN	1.34	0.60	Comm Srvcs
HON HAI PRECISION IND CO	TW	1.29	0.58	Info Tech
Total		20.12	11.77	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX

■ MSCI AC Asia ex Japan Value   ● MSCI AC Asia ex Japan
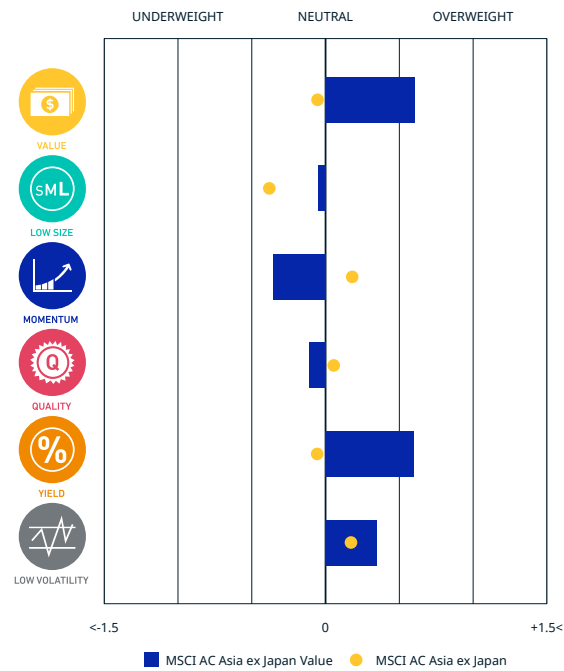
MSCI FaCS

VALUE
Relatively Inexpensive Stocks

LOW SIZE
Smaller Companies

MOMENTUM
Rising Stocks

QUALITY
Sound Balance Sheet Stocks

YIELD
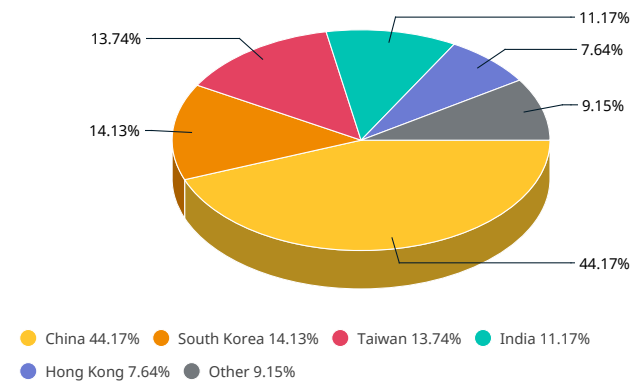Cash Flow Paid Out

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 26.33%   ● Information Technology 17.22%   ● Consumer Discretionary 9.09%
● Communication Services 8.5%   ● Industrials 7.33%   ● Real Estate 6.95%
● Energy 6.81%   ● Materials 5.69%   ● Consumer Staples 4.84%   ● Utilities 4%
● Health Care 3.24%

COUNTRY WEIGHTS

● China 44.17%   ● South Korea 14.13%   ● Taiwan 13.74%   ● India 11.17%
● Hong Kong 7.64%   ● Other 9.15%
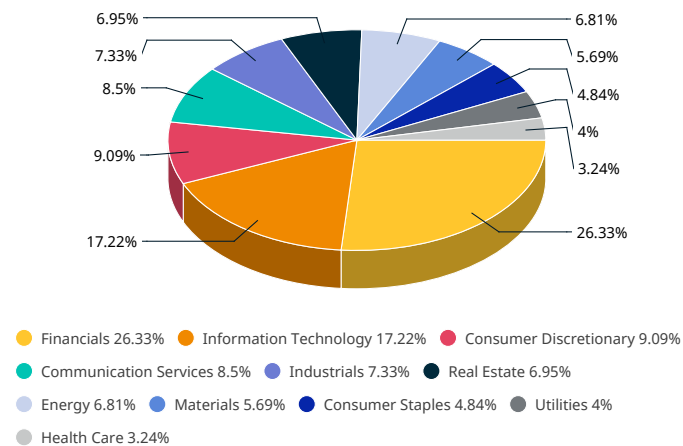
MSCI

INDEX METHODOLOGY

The MSCI Global Value and Growth Indexes are based on the MSCI Global Investable Market Value and Growth Indexes Methodology—a comprehensive and state-of-the art approach to index construction that reflects investor's views on style definition and segmentation and provides a precise representation of the opportunity set for global style managers. The MSCI style methodology adopts a two-dimensional framework for value/growth segmentation: each security is given an overall style characteristic derived from its value and growth scores and is then placed into either a value or a growth index (or is partially allocated to both). Style characteristics are defined using eight historical and forward looking variables (three for value and five for growth). The index is reviewed semi-annually—in May and November—with the objective of reflecting change in the style characteristics of the underlying equity markets in a timely manner, while limiting undue index turnover.

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.