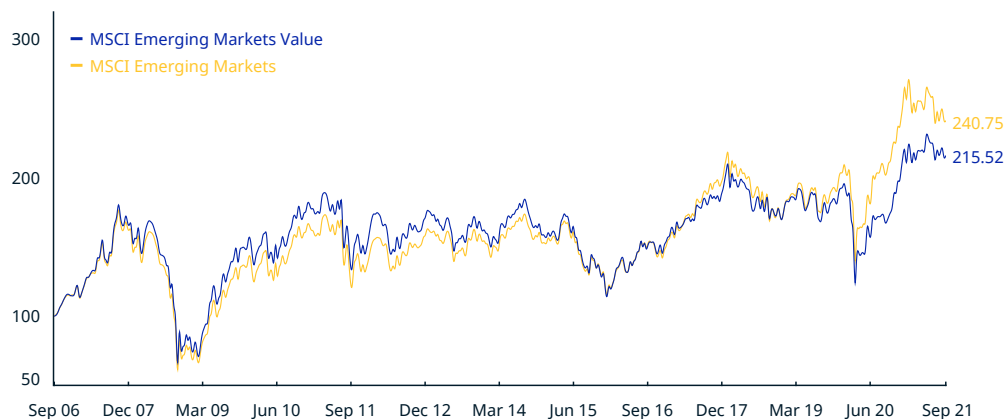


# MSCI Emerging Markets Value Index (USD)

The MSCI Emerging Markets Value Index captures large and mid cap securities exhibiting overall value style characteristics across 27 Emerging Markets (EM) countries\*. 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 2006 – SEP 2021)



## ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets Value	MSCI Emerging Markets
2020	5.97	18.69
2019	12.52	18.88
2018	-10.26	-14.24
2017	28.67	37.75
2016	15.48	11.60
2015	-18.16	-14.60
2014	-3.60	-1.82
2013	-4.70	-2.27
2012	16.38	18.63
2011	-17.57	-18.17
2010	18.80	19.20
2009	79.70	79.02
2008	-50.08	-53.18
2007	42.71	39.82

## INDEX PERFORMANCE – GROSS RETURNS (%) (SEP 30, 2021)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1996
					3 Yr	5 Yr	10 Yr		
MSCI Emerging Markets Value	-2.97	-4.87	29.02	4.82	5.28	7.40	4.28	6.52	
MSCI Emerging Markets	-3.94	-7.97	18.58	-0.99	8.96	9.62	6.46	6.74	

## FUNDAMENTALS (SEP 30, 2021)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.25	10.92	9.35	1.30
2.24	15.07	12.55	1.92

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 1996 – SEP 30, 2021)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Dec 31, 1996	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI Emerging Markets Value	1.00	3.68	34.47	19.75	16.99	17.77	0.30	0.43	0.28	0.29	63.03	2007-10-29–2008-10-27
MSCI Emerging Markets	1.00	0.00	7.99	19.42	16.67	16.96	0.48	0.56	0.41	0.30	65.14	2007-10-29–2008-10-27

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

<sup>3</sup> Based on ICE LIBOR 1M

\* EM countries include: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI Emerging Markets 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.

### INDEX CHARACTERISTICS

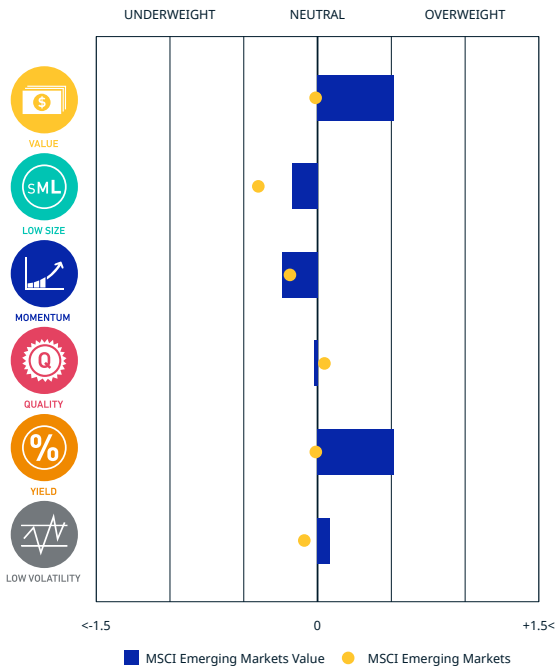
	MSCI Emerging Markets Value	MSCI Emerging Markets
<b>Number of Constituents</b>	957	1,418
	Weight (%)	
<b>Largest</b>	3.79	6.51
<b>Smallest</b>	0.00	0.00
<b>Average</b>	0.10	0.07
<b>Median</b>	0.04	0.03

### TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
SAMSUNG ELECTRONICS CO	KR	3.79	3.79	Info Tech
ALIBABA GRP HLDG (HK)	CN	3.51	3.52	Cons Discr
INFOSYS	IN	1.95	0.98	Info Tech
CHINA CONSTRUCTION BK H	CN	1.75	0.87	Financials
HOUSING DEV FINANCE CORP	IN	1.61	0.81	Financials
GAZPROM (RUB)	RU	1.49	0.75	Energy
MEDIATEK INC	TW	1.24	0.62	Info Tech
SAMSUNG ELECTRONICS PREF	KR	1.23	0.61	Info Tech
HON HAI PRECISION IND CO	TW	1.19	0.60	Info Tech
PING AN INSURANCE H	CN	1.10	0.55	Financials
<b>Total</b>		<b>18.86</b>	<b>13.10</b>	

### FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

#### MSCI FACTOR BOX



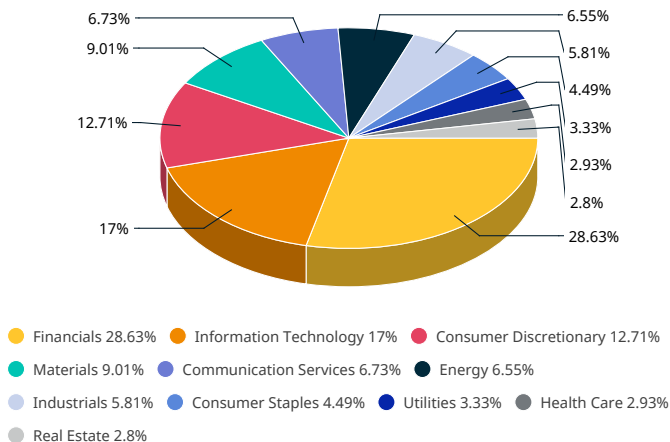
#### MSCI FaCS

- 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

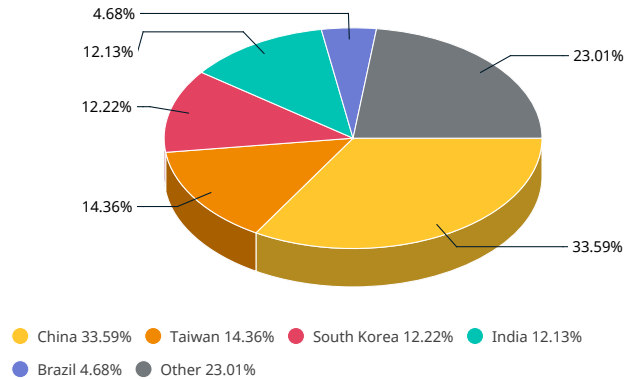
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

### SECTOR WEIGHTS



### COUNTRY WEIGHTS



## INDEX METHODOLOGY

The 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). Each value and growth 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.

## 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](http://www.msci.com).

The information contained herein (the "Information") may not be reproduced or disseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited.

© 2021 MSCI Inc. All rights reserved.