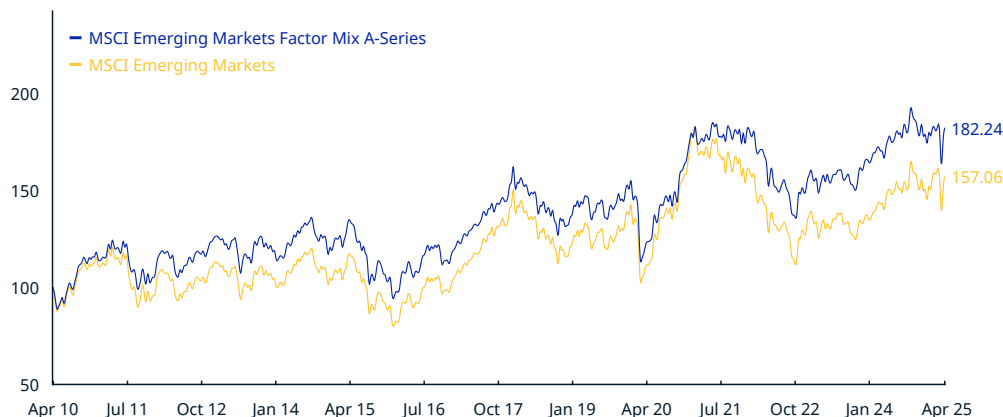


# MSCI Emerging Markets Factor Mix A-Series Index (USD)

The **MSCI Emerging Markets (EM) Factor Mix A-Series Index** captures large and mid cap representation across 24 Emerging Markets countries\*. It aims to represent the performance of quality, value and low volatility factor strategies. The index is an equal weighted combination of the MSCI Value Weighted, MSCI Minimum Volatility and MSCI Quality Indexes in a single composite index.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (APR 2010 – APR 2025)



## ANNUAL PERFORMANCE (%)

Year	MSCI Emerging Markets Factor Mix A-Series	MSCI Emerging Markets
2024	5.97	7.50
2023	12.87	9.83
2022	-17.18	-20.09
2021	6.77	-2.54
2020	11.28	18.31
2019	14.59	18.42
2018	-11.54	-14.57
2017	30.54	37.28
2016	9.80	11.19
2015	-13.68	-14.92
2014	-0.83	-2.19
2013	-1.36	-2.60
2012	19.86	18.22
2011	-12.44	-18.42

## INDEX PERFORMANCE – NET RETURNS (%) (APR 30, 2025)

					ANNUALIZED			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since Nov 30, 2001
MSCI Emerging Markets Factor Mix A-Series	1.78	0.67	7.10	1.84	3.60	7.34	3.18	9.79
MSCI Emerging Markets	1.31	2.45	9.02	4.28	3.85	6.35	3.07	8.41

## FUNDAMENTALS (APR 30, 2025)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.40	13.15	11.45	1.65
2.71	14.46	11.86	1.80

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2001 – APR 30, 2025)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 30, 2001	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Emerging Markets Factor Mix A-Series	0.89	3.28	22.01	14.27	13.54	14.77	0.01	0.39	0.15	0.51	60.08	2007-10-29–2008-10-27
MSCI Emerging Markets	1.00	0.00	5.74	17.26	16.26	16.95	0.05	0.30	0.15	0.41	65.25	2007-10-29–2008-10-27

<sup>1</sup> Last 12 months

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

<sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

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

The MSCI Emerging Markets Factor Mix A-Series Index was launched on Jul 11, 2013. Data prior to the launch date is back-tested test (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

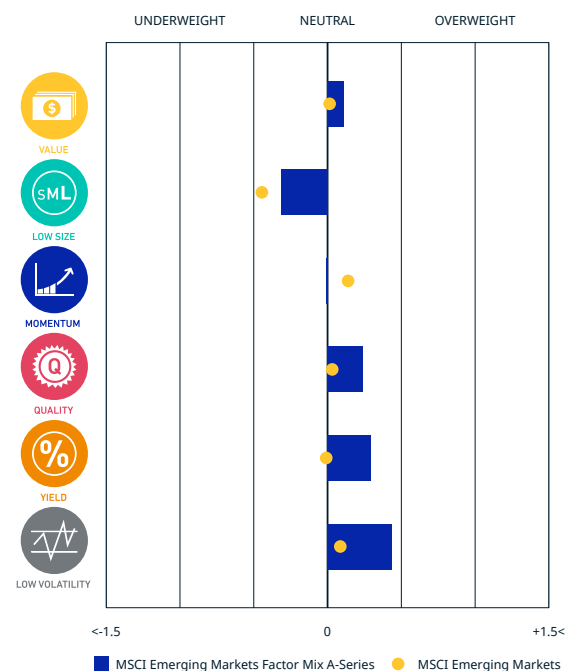
	MSCI Emerging Markets Factor Mix A-Series	MSCI Emerging Markets
<b>Number of Constituents</b>	1,194	1,206
	<b>Weight (%)</b>	
<b>Largest</b>	4.26	8.81
<b>Smallest</b>	0.00	0.00
<b>Average</b>	0.08	0.08
<b>Median</b>	0.02	0.03

## TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
TAIWAN SEMICONDUCTOR MFG	TW	4.26	8.81	Info Tech
PDD HOLDINGS A ADR	CN	2.12	0.92	Cons Discr
INFOSYS	IN	2.00	0.74	Info Tech
MEDIATEK INC	TW	1.74	0.81	Info Tech
CHINA CONSTRUCTION BK H	CN	1.61	1.00	Financials
SAMSUNG ELECTRONICS CO	KR	1.59	2.35	Info Tech
TATA CONSULTANCY	IN	1.57	0.47	Info Tech
SAUDI ARAMCO	SA	1.50	0.49	Energy
ICBC H	CN	1.24	0.60	Financials
BANK OF CHINA H	CN	1.24	0.50	Financials
<b>Total</b>		<b>18.86</b>	<b>16.70</b>	

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



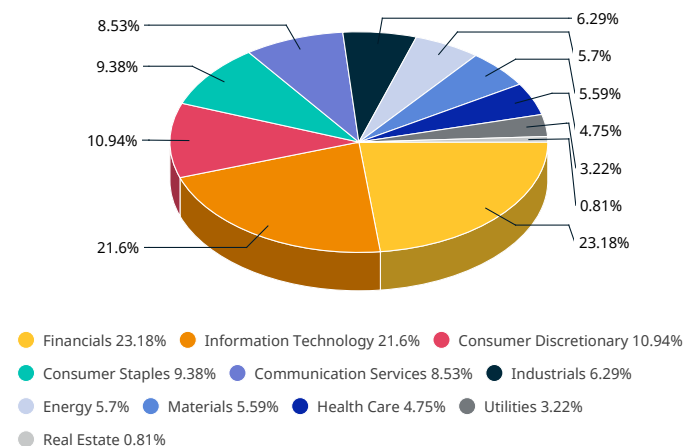
## MSCI FaCS

- 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

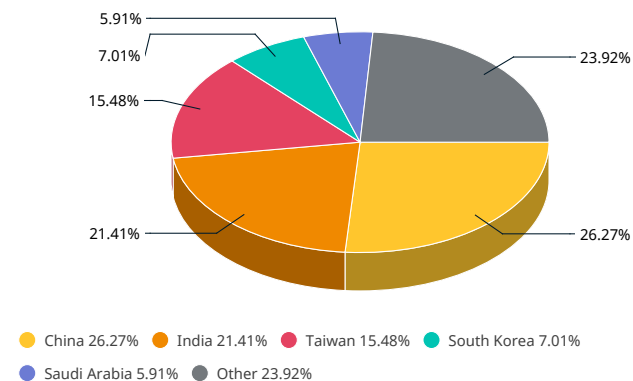
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

## SECTOR WEIGHTS



## COUNTRY WEIGHTS



## MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method 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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