# **MSCI Emerging Markets Volatility Tilt Index (USD)**

The **MSCI Emerging Markets Volatility Tilt Index** is based on MSCI Emerging Markets, its parent index, which includes large and midcap stocks across 24 Emerging Markets (EM) countries\*. It aims to reflect the performance of a low volatility strategy with relatively high investment capacity. The indexes are created by tilting the market capitalization weights of all the constituents in the parent index based on the inverse of security price variance and then re-weighting them.

For a complete description of the index methodology, please see Index methodology - MSCI.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (JUN 2010 – JUN 2025)



#### **ANNUAL PERFORMANCE (%)**

Year	MSCI EM Volatility Tilt	MSCI Emerging Markets
2024	7.42	8.05
2023	13.53	10.27
2022	-17.27	-19.74
2021	3.31	-2.22
2020	11.71	18.69
2019	16.15	18.88
2018	-10.97	-14.24
2017	34.60	37.75
2016	11.21	11.60
2015	-14.48	-14.60
2014	-0.80	-1.82
2013	-1.88	-2.27
2012	19.24	18.63
2011	-13.15	-18.17

#### Jun 10 Sep 11 Dec 12 Mar 14 Jun 15 Sep 16 Dec 17 Mar 19 Jun 20 Sep 21 Dec 22 Mar 24 Jun 25

#### INDEX PERFORMANCE – GROSS RETURNS (%) (JUN 30, 2025)

#### FUNDAMENTALS (JUN 30, 2025)

						ANNU	ALIZED					
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr <sub>M</sub>	Since lay 31, 1995	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI EM Volatility Tilt	4.95	11.80	13.22	13.21	10.49	8.37	5.48	6.30	3.05	14.47	12.90	1.74
MSCI Emerging Markets	6.14	12.20	15.97	15.57	10.23	7.26	5.23	5.96	2.61	15.06	12.68	1.89

#### INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 1995 – JUN 30, 2025)

				ANNUALIZED STD DEV (%) 2		SHARPE RATIO 2,3				MAXIMUM DRAWDOWN			
	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 31, 1995	(%)	Period YYYY-MM-DD	
MSCI EM Volatility Tilt	0.89	3.33	18.17	14.36	13.90	15.26	0.45	0.45	0.29	0.28	60.25	2007-10-29-2008-10-27	
MSCI Emerging Markets	1.00	0.00	5.25	17.15	16.25	17.01	0.39	0.34	0.27	0.26	65.14	2007-10-29-2008-10-27	
	<sup>1</sup> Last	<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly gross returns data <sup>3</sup>				Based on NY FED Overnight SOFR from Sep 1				0 1 2021 & 0	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 Volatility Tilt Index was launched on Jun 04, 2014. 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 EM Volatility Tilt	MSCI Emerging Markets					
Number of	1,202	1,203					
Constituents							
	Weight (%)						
Largest	5.39	10.20					
Smallest	0.00	0.00					
Average	0.08	0.08					
Median	0.02	0.03					

### **TOP 10 CONSTITUENTS**

CHINA CONSTRUCTION BK H

NATIONAL BANK OF KUWAIT

1.65

1.54

1.38

1.36

24.80

1.11

0.69

0.31

0.45

23.59

**Index Factsheet** 

Financials

Financials

Energy

Comm Srvcs

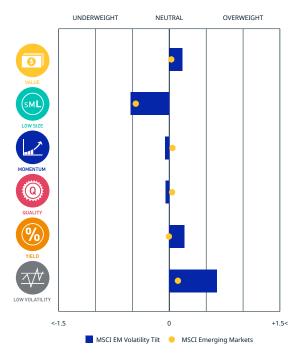
SAUDI ARAMCO Total

HDFC BANK

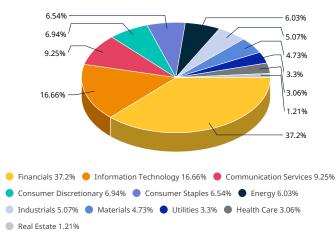
ICICI BANK

**BHARTI AIRTEL** 

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



## SECTOR WEIGHTS



# **MSCI FaCS**

CN

IN

KW

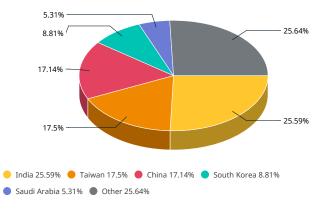
SA



broad global index - MSCI ACWI IMI.

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

## **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**

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 50 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 <u>www.msci.com</u>.

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