# MSCI Emerging Markets Small Cap Minimum Volatility (USD) Index (USD)

The MSCI Emerging Markets Small Cap Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to the small cap equity universe across 25 Emerging Markets (EM) countries\*. The index is calculated by optimizing the MSCI Emerging Markets Small Cap Index, its parent index, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to the MSCI Emerging Markets Small Cap Index.

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

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

# = MSCI EM Small Cap Min Vol (USD) = MSCI Emerging Markets Small Cap 299.60 228.22 200 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

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

| Year | MSCI EM Small<br>Cap Min Vol (USD) | MSCI Emerging<br>Markets Small Cap |
|------|------------------------------------|------------------------------------|
| 2024 | 9.39                               | 4.79                               |
| 2023 | 18.20                              | 23.92                              |
| 2022 | -15.58                             | -18.02                             |
| 2021 | 14.80                              | 18.75                              |
| 2020 | 13.42                              | 19.29                              |
| 2019 | 10.08                              | 11.50                              |
| 2018 | -14.06                             | -18.59                             |
| 2017 | 23.61                              | 33.84                              |
| 2016 | 0.94                               | 2.28                               |
| 2015 | 6.33                               | -6.85                              |
| 2014 | 3.88                               | 1.01                               |
| 2013 | 10.10                              | 1.04                               |
| 2012 | 22.29                              | 22.22                              |
| 2011 | -15.48                             | -27.18                             |

#### INDEX PERFORMANCE — NET RETURNS (%) (JUN 30, 2025)

#### **FUNDAMENTALS (JUN 30, 2025)**

|                                 |      |       |      |       | ANNOALIZED |       |                    |                       |             |       |         |      |
|---------------------------------|------|-------|------|-------|------------|-------|--------------------|-----------------------|-------------|-------|---------|------|
|                                 | 1 Mo | 3 Мо  | 1 Yr | YTD   | 3 Yr       | 5 Yr  | 10 Yr <sub>N</sub> | Since<br>1ay 31, 2001 | Div Yld (%) | P/E   | P/E Fwd | P/BV |
| MSCI EM Small Cap Min Vol (USD) | 3.46 | 11.23 | 8.53 | 8.12  | 12.22      | 10.96 | 5.14               | 11.06                 | 3.43        | 18.52 | 14.55   | 1.52 |
| MSCI Emerging Markets Small Cap | 5.71 | 17.17 | 8.40 | 10.74 | 13.81      | 13.86 | 5.97               | 9.73                  | 2.49        | 23.77 | 14.42   | 1.50 |

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#### INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2001 - JUN 30, 2025)

|                                    |                   |                       |   | ANNUALIZED STD DEV (%) 2 |       | SHARPE RATIO 2,3 |      |                                 |       | MAXIMUM DRAWDOWN         |       |                       |
|------------------------------------|-------------------|-----------------------|---|--------------------------|-------|------------------|------|---------------------------------|-------|--------------------------|-------|-----------------------|
|                                    | Beta              | Tracking<br>Error (%) | Turnover<br>(%) <sup>1</sup>  | 3 Yr                     | 5 Yr  | 10 Yr            | 3 Yr | 5 Yr                            | 10 Yr | Since<br>May 31,<br>2001 | (%)   | Period YYYY-MM-DD     |
| MSCI EM Small Cap Min Vol<br>(USD) | 0.72              | 7.02                  | 62.77   | 10.54                    | 11.54 | 13.27            | 0.72 | 0.72                            | 0.29  | 0.63                     | 56.52 | 2007-10-31-2008-11-21 |
| MSCI Emerging Markets Small Cap    | 1.00              | 0.00                  | 17.68   | 14.20                    | 15.66 | 17.59            | 0.67 | 0.73                            | 0.30  | 0.46                     | 68.49 | 2007-10-31-2008-11-20 |
| •                                  | <sup>1</sup> Last | 12 months             | 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 the |                          |       |                  |      | on ICE LIBOR 1M prior that date |       |                          |       |                       |

The MSCI Emerging Markets Small Cap Minimum Volatility (USD) Index was launched on Jun 15, 2015. 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.



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

JUN 30, 2025 Index Factsheet

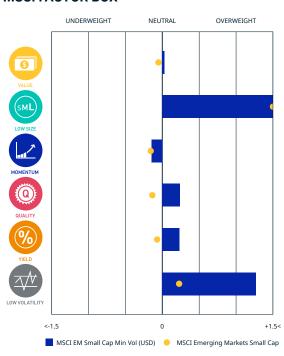
#### INDEX CHARACTERISTICS

|              | MSCI EM Small<br>Cap Min Vol (USD) | MSCI Emerging<br>Markets Small Cap |  |  |  |  |  |
|--------------|------------------------------------|------------------------------------|--|--|--|--|--|
| Number of    | 512                                | 1,896                              |  |  |  |  |  |
| Constituents |                                    |                                    |  |  |  |  |  |
|              | Weight (%)                         |                                    |  |  |  |  |  |
| Largest      | 0.99                               | 0.48                               |  |  |  |  |  |
| Smallest     | 0.03                               | 0.00                               |  |  |  |  |  |
| Average      | 0.20                               | 0.05                               |  |  |  |  |  |
| Median       | 0.15                               | 0.04                               |  |  |  |  |  |

#### **TOP 10 CONSTITUENTS**

|                          | Country | Index<br>Wt. (%) | Parent<br>Index<br>Wt. (%) | Sector      |
|--------------------------|---------|------------------|----------------------------|-------------|
| TIME DOTCOM              | MY      | 0.99             | 0.10                       | Comm Srvcs  |
| EMBASSY OFFICE PARK REIT | IN      | 0.94             | 0.26                       | Real Estate |
| MOBILE TELECOM (SAUDI)   | SA      | 0.89             | 0.09                       | Comm Srvcs  |
| TRANSMISSORA ALIANC UNIT | BR      | 0.83             | 0.08                       | Utilities   |
| NARAYANA HRUDAYALAYA     | IN      | 0.76             | 0.12                       | Health Care |
| BROOKFIELD INDIA REIT    | IN      | 0.76             | 0.08                       | Real Estate |
| CHIPBOND TECHNOLOGY CORP | TW      | 0.76             | 0.08                       | Info Tech   |
| CHEIL WORLDWIDE          | KR      | 0.72             | 0.07                       | Comm Srvcs  |
| MINDSPACE BUSINESS REIT  | IN      | 0.70             | 0.07                       | Real Estate |
| IGB REIT                 | MY      | 0.69             | 0.07                       | Real Estate |
| Total                    |         | 8.05             | 1.01                       |             |

## 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



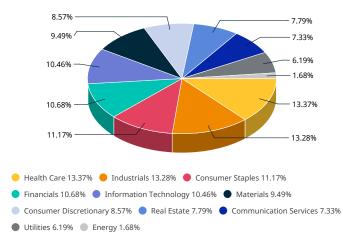
LOW VOLATILITY Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a

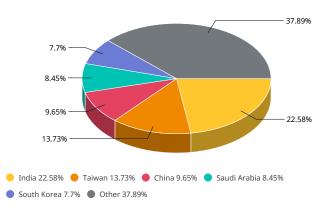
broad global index - MSCI ACWI IMI.

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

#### **SECTOR WEIGHTS**



#### **COUNTRY WEIGHTS**





JUN 30, 2025 Index Factsheet

#### 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 <a href="https://www.msci.com">www.msci.com</a>.

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