MSCI (***) **Small Cap Indexes** Think bigger about small caps



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Introduction

MSCI has included small capitalization companies (small caps) in its indexes since 2001. With the launch of our flagship Global Investable Market Indexes (GIMI) methodology in 2008, the construction of our small cap indexes was aligned with our standard indexes and a new building block approach to equity universe coverage began.

In the two decades since the first MSCI small cap indexes were launched, investors have increased their familiarity and comfort with this market segment. Further, both academic and MSCI research has demonstrated that small caps possess unique characteristics that may provide diversification benefits and enhance potential returns over time. Today, small caps are a key part of MSCI's index offerings.

Sizing the small cap universe

MSCI uses a dynamic approach to classify companies into size segments: large, mid or small cap. We believe that our approach ensures that our indexes remain agile and able to evolve with the markets they seek to capture. The composition of the indexes may change over time as small companies grow and move from the small cap indexes to the standard indexes. The inverse may happen with larger companies which may shrink in size and move from the standard indexes to the small cap indexes.





MSCI performs size segmentation at the country level; because we believe that this allows for a more consistent coverage of the global markets¹.

1 For more information, please refer to <u>MSCI's index methodology MSCI Global</u> Investable Market Indexes Methodology

Our **building** block approach

In addition to small cap indexes, investors can also target small caps through broader IMI indexes, which include large, mid or small caps. For example, the MSCI All Country World IMI Index is currently comprised of more than 9,000 securities and is intended to be an exhaustive representation of the entire investable equity universe.



This building block approach also applies to regions and countries. For example, in the case of the U.S., MSCI has three distinct indexes: a standard index covering large and mid-cap stocks (MSCI USA), a small cap index covering only small caps (MSCI USA Small Cap), and an investable market index covering the whole market (MSCI USA IMI).

Opting for an IMI index means that an investor may be less impacted by any changes in company size that would lead to a change in such company's size segment classification. If a small company grows and becomes either a mid or a large cap company, this company may move between indexes. This means that if an investor is only focusing on small caps, they may need to divest from that company.



² As of September 30, 2023

3 As of September 30, 2023

Small but mighty

The small cap label applies to company size but not to the size of the small cap investment universe or the size of their return potential. The number of companies in small cap indexes tells a different story. For developed markets, the small cap index contains over 4,200 securities while the standard index, MSCI World, covering large and mid caps has only around 1,500 securities³. In emerging markets, MSCI EM has more than 1,400 securities while the MSCI EM Small Cap has 1,900 securities.

Investing in small caps is not without risks, and these may come in different forms. Small caps tend to be more volatile than larger caps, and maybe be less liquid. This means that they may be more costly to trade.

100%	
90%	
80%	
70%	
60%	
50%	
40%	
30%	
20%	
10%	
0%	
	MSCI World IMI

(market capitalization weighting)





Source: MSCI, as of September 30, 2023









Small caps play a larger_ role in some sectors

While at a country level, the coverage of the standard and the small cap indexes is the same, there are differences at the sector level.

Some of the main differences may be observed in the Industrials and Materials sectors, which are significantly larger in the small cap indexes

GICS ^{®3} Sectors ⁴	MSCI World Index	MSCI World Small Cap Index
Energy	5.2	5.8
Materials	4.1	7.4
Industrials	10.8	19.9
Consumer Discretionary	10.9	13.1
Consumer Staples	7.2	5.0
Health Care	12.8	9.9
Financials	15.0	14.4
IT	21.7	10.8
Communication Services	7.3	3.0
Utilities	2.6	2.6
Real Estate	2.3	8.2

for both developed and emerging markets. On the other hand, there are certain sectors that are more significant in large and mid-caps for both developed and emerging markets, such as IT (e.g., Apple, Microsoft, Taiwan Semiconductors and Samsung).

GICS ^{®3} Sectors	MSCI Emerging Markets Index	MSCI Emerging Markets Small Cap Index
Energy	5.2	2.1
Materials	8.0	13.1
Industrials	6.7	17.1
Consumer Discretionary	13.7	11.4
Consumer Staples	6.2	6.3
Health Care	3.8	9.2
Financials	22.2	10.2
IT	20.2	17.7
Communication Services	9.6	3.7
Utilities	2.6	3.1
Real Estate	1.7	6.1

Source: MSCI, as of September 30, 2023

Tailor your **small cap exposure** to reflect your **investment goals**

Advances in technology, computing power and data availability have enabled us to construct newer, more granular types of market indexes. Using any of the regional or country small cap

ESG Indexes

Climate Indexes

Indexes based on ESG criteria and designed to help measure exposure to ESG related risks and opportunities. Indexes based on Climate metrics and measurements. They are designed to help measure exposure to climate related risks and opportunities.



8 msci.com

The Global Industry Classification Standard (GICS) is a 4-level classification system developed in 1999 by MSCI and S&P Dow Jones Indices to categorize publicly traded companies.

indexes, or even regional or country IMI indexes, as a starting universe, investors can target specific criteria that align best with their investment goals and preferences.

Factor Indexes	Thematic indexes
Indexes are designed to reflect the return of markets defined by style factors such as volatility, yield, quality, momentum, value, size, and growth.	Indexes based on quantitative measurements of macroeconomic, geopolitical, and technological trends that may have far- reaching effects on markets.

Conclusion: Think bigger with small caps

Characterized by precision and objectivity, our global index data and timely research insights can help you to act with greater confidence when evaluating markets, making investment decisions, and building your desired portfolio strategy. We invite you to learn more about our <u>small cap</u> index offerings and our <u>Research Insights</u>.



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Contact us

AMERICAS

US	+1 888 588 4567 (toll free)
Canada	+1 416 628 1007
Brazil	+55 11 4040 7830
Mexico	+52 81 1253 4020

ASIA PACIFIC

China	North: 10800 852 1032 (toll free)
	South: 10800 152 1032 (toll free)
Hong Kong	+852 2844 9333
India	+91 22 6784 9160
Malaysia	1800818185 (toll free)
South Korea	00798 8521 3392 (toll free)
Singapore	800 852 3749 (toll free)
Australia	+612 9033 9333
Taiwan	008 0112 7513 (toll free)
Thailand	0018 0015 6207 7181 (toll free)
Japan	+81 3 4579 0333

EUROPE, MIDDLE EAST & AFRICA

South Africa	+27 21 673 0103
Germany	+49 69 133 859 00
Switzerland	+41 22 817 9400
United Kingdom	+44 20 7618 2222
Italy	+39 025 849 0415
France	+33 17 6769 810

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