

MSCI ACWI IMI Smart Cities Index

May 2022

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1 Introduction

The MSCI ACWI IMI Smart Cities Index (the 'Index') aims to represent the performance of a set of companies that are associated with the development of new products and services focused on smart solutions for urban infrastructure.

2 Constructing the Index

The Index is constructed by selecting stocks from the MSCI ACWI Investable Market Index (IMI) (the 'Parent Index'¹) based on rules explained in the following sections.

The Index selects companies which are assessed to have high exposure to business activities such as –

- Smart Connectivity (IoT)
- Smart Infra
- Smart Buildings
- Smart Homes
- Smart Safety & Security
- Smart Mobility
- Smart Waste and Water Management
- Smart Energy and Grids

MSCI may seek input from outside market experts on the ongoing evolution of the themes underlying the Index. However, such input is advisory only in nature. MSCI alone decides whether to use such input at all or to what extent. Receipt of such input, like any other feedback on MSCI indexes, may or may not lead to a change to the index or index methodology.

2.1 Selected Universe

Stocks in the Parent Index that have a Relevance Score² of 25% or more are included in the Selected Universe.

¹ Use of some indexes as Parent Indexes may result in a low number of constituents, which may affect replicability

² For details of calculation of Relevance Scores, please refer to the MSCI Thematic Relevance Score Methodology document.

2.1.1 GICS^{®3} sector and sub industry filtering

Stocks mapped to the following GICS[®] sub industries are excluded from the Selected Universe.

No.	GICS [®] Sector	GICS [®] Sub Industries
1	Consumer Staples	<ul style="list-style-type: none"> All Sub Industries
2	Healthcare	<ul style="list-style-type: none"> All Sub Industries
3	Consumer Discretionary	<ul style="list-style-type: none"> All Sub Industries
4	Industrials	<ul style="list-style-type: none"> Construction Machinery & Heavy Trucks Commercial Printing Office Services & Supplies
5	Information Technology	<ul style="list-style-type: none"> IT Consulting & Other Services Data Processing & Outsourced Services
6	Materials	<ul style="list-style-type: none"> Construction Materials

2.2 Weighting scheme

Stocks included in the Index are weighted by the product of Relevance Score and their float adjusted market capitalization. The weights are then normalized to 100%. Additionally, constituent weights are capped at the issuer level to mitigate concentration risk in the Index. The issuer weight in the Index is capped at 5%.

³ GICS[®], the global industry classification standard jointly developed by MSCI and S&P Global.

3 Maintaining the Index

3.1 Semi-Annual Index Review

The Index is reviewed on a Semi-Annual basis in May and November to coincide with the May and November Semi-Annual Index Reviews of the Parent Index, and the changes are implemented at the end of May and November. In general, the pro forma index is announced nine business days before the effective date.

During the Semi-Annual Index Review, the Selected Universe is updated.

In general, MSCI uses Relevance Score data as of two business days prior to the rebalancing date for the Semi-Annual Index Review.

3.2 Ongoing event-related maintenance

The general treatment of corporate events in the Index aims to minimize turnover outside of Index Reviews. The methodology aims to appropriately represent an investor's participation in an event based on relevant deal terms and pre-event weighting of the Index constituents that are involved. Further, changes in Index market capitalization that occur as a result of corporate event implementation will be offset by a corresponding change in the Variable Weighting Factor (VWF) of the constituent.

The following section briefly describes the treatment of common corporate events within the index.

No new securities will be added (except where noted below) to the index between Index Reviews. Parent Index deletions will be reflected simultaneously.

EVENT TYPE

EVENT DETAILS

New additions to the Parent Index

A new security added to the Parent Index (such as IPO and other early inclusions) will not be added to the Index.

Spin-Offs

All securities created as a result of the spin-off of an existing Index constituent will be added to the Index at the time of event implementation if the spin-off security is also added to the Parent Index. Reevaluation for continued inclusion in the Index will occur at the subsequent Index Review.

Merger/Acquisition

For Mergers and Acquisitions, the acquirer's post event weight will account for the proportionate amount of shares involved in deal consideration, while cash proceeds will be invested across the Index.

If an existing Index constituent is acquired by a non-Index constituent, the existing constituent will be deleted from the Index and the acquiring non-constituent will not be added to the Index.

Changes in Security Characteristics

A security will continue to be an Index constituent if there are changes in characteristics (country, sector, size segment, etc.) Reevaluation for continued inclusion in the Index will occur at the subsequent Index Review.

Further detail and illustration regarding specific treatment of corporate events relevant to this Index can be found in the MSCI Corporate Events Methodology.

The MSCI Corporate Events methodology book is available at:
<https://www.msci.com/index-methodology>.

The following sections have been modified since January 2022:

- Introduction
- The role of experts in constructing the Index
- The set of relevant words and phrases
- Calculating the stock Relevance Score

The following sections have been modified effective June 1, 2022:

- Section 2 has been updated to reference the MSCI Thematic Relevance Score Methodology
- Section 3 has been updated to reflect the data cutoff date for Relevance Scores

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