

MSCI ACWI IMI Digital Health Index

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1 Introduction

The MSCI ACWI IMI Digital Health Index (the 'Index') aims to represent the performance of a set of companies associated with the development of new products and services focused on telehealth, medical robots and automation in healthcare.

2 Constructing the Index

The Index is constructed by selecting stocks from a 'Parent Index'¹ based on rules explained in the following sections.

The Index selects companies which are assessed to have high exposure to the following business activities –

- **Medical robotics:** Includes medical and surgical robots which enable and assist precise, minimally invasive and complex procedures. Medical robotics also includes robotic devices used to augment the rehabilitation process.
- **Clinical lab automation:** Includes automation of the key pre- and post-analytical steps, using advanced assay technologies and workflow automation software to provide accurate, high quality results with minimal human intervention.
- **Automated diagnostics:** Includes AI powered diagnostics using data science for computational drug analysis, next generation sequencing platforms, early pathogen detection, neuroimaging and radiology using machine learning & deep learning.
- **Telemedicine and telehealth:** Includes provision of remote healthcare through digital platforms, digital connected devices for remote patient monitoring, platforms for virtual outpatient care visits and consultations including diagnosis, treatment, and medicine prescription management through telepharmacy.
- **Bioinformatics & Healthcare data analytics:** Includes healthcare computational analytics and quantitative metrics through wearable technologies to monitor personal health. It also includes biotelemetry to provide predictive analytics and healthcare solutions.
- **Advanced medical materials & devices:** Includes hardware to support automated diagnostics and complex surgical procedures. It also includes 3D printed medical devices for precision medicine, innovative biomaterials, next generation prosthetics, medical lasers and automated drug delivery and monitoring systems.
- **Healthcare Infotech:** Includes technology services including diagnostic information service, virtual surgical simulators, software for data management of electronic medical health records & sequencing outputs and platforms for medical administrative digitization.

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

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.

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%.

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

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 eligible universe and selected universe are 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	<p>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.</p> <p>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.</p>
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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