



Index Methodology

# MSCI All Market Indexes

May 2014

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# 1. Introduction

The MSCI All Market Indexes are designed to represent the investable equity universe of markets while including a minimum number of constituents. The indexes are constructed for individual countries and target a minimum of 25 securities and 20 issuers<sup>1</sup> at construction.

## 2. Constructing the MSCI All Market Indexes

Each MSCI All Market Index is constructed at a country level, and is designed to represent the investable equity universe of that country. The steps involved in the construction of the MSCI All Market Index for a particular country are described below.

### 2.1 Define the Broad Country Equity Universe

The MSCI All Market Index only includes those securities that are a part of the Broad Country Equity Universe. The Broad Country Equity Universe includes:

- equity securities classified in that country according to the MSCI Global Investable Market Indexes Methodology<sup>2</sup>
- equity securities that are not classified in that country according to the MSCI Global Investable Market Indexes Methodology, but are either headquartered or listed in that country and have the majority of their operations based in that country
- equity securities with economic exposure greater than 20% to that country, as defined in the MSCI Economic Exposure Data Methodology<sup>3</sup>, only in case the above two criteria do not result in the target number of securities and issuers

### 2.2 Define Eligibility Criteria

Minimum requirements based on the following parameters are applied to the Broad Country Equity Universe to determine the eligible equity universe of securities for inclusion in the MSCI All Market Index:

- Full market capitalization – this requirement is applied at the company level
- Free float-adjusted market capitalization- this requirement is applied at the security level
- Free float (foreign inclusion factor) – this requirement is applied at the security level
- Liquidity (12-month Annual Trade Value Ratio (ATVR), 3-month ATVR, and 3-month frequency of trading) – this requirement is applied at the security level

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<sup>1</sup> Defined as Group Entities. Please refer to Section 3.1 of the MSCI 10/40 Index Methodology at the following link:  
[http://www.msci.com/products/indices/strategy/capped/ten\\_forty/](http://www.msci.com/products/indices/strategy/capped/ten_forty/)

<sup>2</sup> As part of the MSCI Global Investable Market Indices Methodology, the country classification of a security is generally determined by the country of incorporation of the issuing company and the primary listing of the security. Please refer to the MSCI Global Investable Market Indices Methodology book for further details on the country classification process.

<sup>3</sup> For further details of the MSCI Economic Exposure Data Methodology, please refer to the following link:  
[http://www.msci.com/eqb/methodology/meth\\_docs/MSCI\\_EE\\_SDM\\_Meth.pdf](http://www.msci.com/eqb/methodology/meth_docs/MSCI_EE_SDM_Meth.pdf)

The exact values of the cut-offs used in the determination of the eligible equity universe for specific markets are detailed in Appendix I.

## 2.3 Define Investability Criteria

Within the eligible equity universe, higher values for each of the criteria mentioned above are used to define the investable equity universe. In the index construction process, preference is first given to securities that are included in the investable universe in order to enhance the investability and replicability of the index. The exact values of the cut-offs used in the determination of the investable equity universe are detailed in Appendix I.

## 2.4 Select the MSCI All Market Index Constituents

Each MSCI All Market Index targets a minimum of 25 securities and 20 issuers. At initial construction, all securities meeting the following criteria are included in the MSCI All Market Index:

- securities belonging to the pro forma MSCI ACWI IMI that are included in the Broad Country Equity Universe, except those that are included on the basis of their economic exposure only
- securities ranked in the top 15 of the Investable Equity Universe sorted by decreasing free float-adjusted market capitalization, except those that are included on the basis of their economic exposure only

If the number of securities is below 25 or the number of issuers is below 20, securities that are part of the eligible equity universe are added in the following order till both these targets are reached:

- securities that are part of the investable equity universe in the order of decreasing free float-adjusted market capitalization, except those that are included on the basis of their economic exposure only
- securities that are not part of the investable equity universe in the order of decreasing liquidity (3-month ATVR), except those that are included on the basis of their economic exposure only
- securities selected on the basis of their economic exposure in the order of decreasing free float-adjusted market capitalization

## 2.5 Index Weighting Scheme

All securities are included in the MSCI All Market Index at their free float-adjusted market capitalization weight, except for securities that are included only on the basis of their economic exposure which are capped at a maximum weight of 1% each. Please refer to Appendix II for more details on the weighting scheme, and the construction of the capped versions of the MSCI All Market Indexes.

# 3 Maintaining the MSCI All Market Indexes

The MSCI All Market Indexes are reviewed on a quarterly basis to coincide with the regular Index Reviews of the MSCI Global Investable Market Indexes. The November Index Review involves a full review of the composition of the MSCI All Market Indexes, including the update of the Broad Country Equity Universe, while the February, May and August Quarterly Index Reviews only reflect the changes to the underlying MSCI Global Investable Market Indexes.

## 3.1 November Annual Index Review

The MSCI All Market Indexes are fully reviewed annually in November, and the changes are implemented coinciding with the November Semi-Annual Index Review of the MSCI Global Investable Market Indexes. The pro forma indexes are generally announced nine business days before the effective date.

### 3.1.1 Updating the Broad Country Equity Universe

During the Annual Index Review, the Broad Country Equity Universe is updated by identifying all eligible securities according to Section 2.1.

### 3.1.2 Updating the Eligible and Investable Equity Universe

During the Annual Index Review, each security in the updated Broad Country Equity Universe that is not a constituent of the MSCI All Market Index is evaluated for eligibility and investability using the same screens described in Section 2.2.

Existing constituents of the MSCI All Market Index, on the other hand, are evaluated using buffers around these requirements. The exact parameters used are described in Appendix I.

### 3.1.3 Selecting the MSCI All Market Index Constituents

All securities meeting the following criteria are included in the MSCI All Market Index:

- securities belonging to the pro forma MSCI ACWI IMI that are included in the Broad Country Equity Universe, except those that are included on the basis of their economic exposure only
- securities ranked in the top 15 of the Investable Equity Universe sorted by decreasing free float-adjusted market capitalization, except those that are included on the basis of their economic exposure only
- existing constituents of the MSCI All Market Index that meet the investability criteria

If the number of securities is below 25 or the number of issuers is below 20, additional securities are included in the same order as described in Section 2.4 till both these targets are reached:

### 3.1.4 Deleting Securities with Low Liquidity

Securities identified as deletions from the MSCI All Market Index as a result of not fulfilling the Minimum Liquidity Requirements for existing constituents described in section 3.1.2 are deleted in two phases. To do so, an inclusion factor of 0.5 is applied to the index market capitalization of the security at the time of the November Annual Index Review and up to the February Quarterly Index Review (QIR). The security is deleted from the Index at the time of the February QIR.

All other deletions are implemented fully at the time of the November Annual Index Review.

## 3.2 Quarterly Index Reviews

Additions to the MSCI Investable Market Index (IMI) of the country as part of the May Semi-Annual Index Review (SAIR) and February and August Quarterly Index Reviews (QIRs) of the MSCI Global Investable Market Indexes are simultaneously reflected in the MSCI All Market Index. Deletions from the

MSCI IMI as part of the May SAIR and February and August QIRs are not reflected in the MSCI All Market Index and are reviewed for inclusion as part of the following November Annual Index Review.

If the number of securities falls below 23 at the Semi-Annual or Quarterly Index Reviews, additions are made to the index as described in Section 3.1.3 in order to restore the number to 25.

In addition, significant changes in free float estimates and corresponding FIFs are reflected at the Quarterly Index Reviews. Small changes in Number Of Shares (NOS), typically less than 5% of the shares outstanding, are updated at the Index Reviews rather than at the time of the change, to minimize index turnover.

### 3.3 Ongoing Event Related Changes

Corporate events are handled according to the MSCI Global Investable Market Indexes Methodology.

Any security deleted from the MSCI ACWI IMI as a result of a corporate event will be simultaneously deleted from the MSCI All Market Index. In addition, securities of companies that file for bankruptcy, companies that file for protection from their creditors and/or are suspended and for which a return to normal business activity and trading is unlikely in the near future will be removed from the MSCI All Market Index as soon as practicable. Companies that fail stock exchanges listing requirements with announcements of delisting from the stock exchanges will be treated in the same way.

Any security added to the MSCI IMI of the country as a result of a corporate event will be simultaneously added to the MSCI All Market Index. No other security will be added to the MSCI All Market Index outside the Index Reviews.

## Appendix I – Determination of the Eligible and Investable Equity Universe

The specific parameters used for defining the eligibility and investability criteria for the Broad Country Equity Universe in the construction of the following MSCI All Market indexes are listed below:

- MSCI All Colombia Index
- MSCI All Peru Index
- MSCI All Qatar Index
- MSCI All United Arab Emirates Index
- MSCI All Pakistan Index

	Eligibility		Investability	
	New Securities	Existing Constituents	New Securities	Existing Constituents
Full Market Capitalization	25% of IMI Market Size-Segment cut-off	12.5% of IMI Market Size-Segment cut-off	50% of IMI Market Size-Segment cut-off	25% of IMI Market Size-Segment cut-off
Free Float Adjusted Market Capitalization	12.5% of IMI Market Size-Segment cut-off	6.25% of IMI Market Size-Segment cut-off	25% of IMI Market Size-Segment cut-off	12.5% of IMI Market Size-Segment cut-off
3-month ATVR	2.5%	1%	7.5%	2.5%
12-month ATVR	2.5%	1%	7.5%	2.5%
3-month Frequency of trading	20%	10%	40%	20%
Foreign Inclusion Factor	>= 0.15, except if free float adjusted market capitalization > 1.8 times the free float adjusted market capitalization cut-off			

The specific parameters used for defining the eligibility and investability criteria for the Broad Country Equity Universe in the construction of the MSCI All Ireland Index are as follows:

	Eligibility		Investability	
	New Securities	Existing Constituents	New Securities	Existing Constituents
Full Market Capitalization	25% of IMI Market Size-Segment Cutoff	12.5% of IMI Market Size-Segment Cutoff	50% of IMI Market Size-Segment Cutoff	25% of IMI Market Size-Segment Cutoff
Free Float Adjusted Market Capitalization	12.5% of IMI Market Size-Segment Cutoff	6.25% of IMI Market Size-Segment Cutoff	25% of IMI Market Size-Segment Cutoff	12.5% of IMI Market Size-Segment Cutoff
3-month ATVR	2.5%	1%	10%	2.5%
12-month ATVR	2.5%	1%	10%	2.5%
3-month Frequency of trading	20%	10%	40%	20%
Foreign Inclusion Factor	>= 0.15, except if free float adjusted market capitalization > 1.8 times the free float adjusted market capitalization cut-off			

For a description of the IMI Market Size-Segment Cutoff, please refer to the MSCI Global Investable Market Indexes methodology.



## Appendix II – Capped Versions of the MSCI All Market Indexes

All securities are included in the MSCI All Market Index at their free float-adjusted market capitalization weight, except for securities that are included only on the basis of their economic exposure which are capped at a maximum weight of 1% each.

In addition to the MSCI All Market Index, MSCI also constructs the following capped versions:

- The MSCI All Market 10/40 Index takes into account the UCITS III guidelines, and is constructed by applying the standard MSCI 10/40 methodology on the MSCI All Market Index.
- The MSCI All Market 25/50 Index takes into account the Regulated Investment Company (RIC) guidelines, and is constructed by applying the standard MSCI 25/50 methodology on the MSCI All Market Index.

Please refer to the following links for further details on the MSCI 10/40 and the MSCI 25/50 Index methodologies:

[http://www.msci.com/products/indices/strategy/capped/ten\\_forty/](http://www.msci.com/products/indices/strategy/capped/ten_forty/)

[http://www.msci.com/products/indices/strategy/capped/twentyfive\\_fifty/](http://www.msci.com/products/indices/strategy/capped/twentyfive_fifty/)

MSCI also constructs the MSCI All Market Capped Indexes for specific countries as described below:

- The MSCI All Colombia Capped Index is constructed by applying the MSCI 25/50 methodology on the MSCI All Colombia Index.
- The MSCI All Peru Capped Index is constructed by applying the MSCI 25/50 methodology on the MSCI All Peru Index.
- The MSCI All Qatar Capped Index is constructed by applying the MSCI 25/50 methodology on the MSCI All Qatar Index.
- The MSCI All United Arab Emirates Capped Index is constructed by applying the MSCI 25/50 methodology on the MSCI All United Arab Emirates Index.
- The MSCI All Ireland Capped Index is constructed by applying the MSCI 25/50 methodology on that portion of the MSCI All Ireland Index which includes all securities that are part of the MSCI ACWI IMI and other securities that meet the MSCI Ireland IMI size-segment cut off and have a 3-Month ATVR greater than 20%. The remaining securities in the MSCI All Ireland Index are included at their free float-adjusted market capitalization weight in the MSCI All Ireland Capped Index.

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The company's flagship product offerings are: the MSCI indexes with approximately USD 7.5 trillion estimated to be benchmarked to them on a worldwide basis<sup>1</sup>; Barra multi-asset class factor models, portfolio risk and performance analytics; RiskMetrics multi-asset class market and credit risk analytics; IPD real estate information, indexes and analytics; MSCI ESG (environmental, social and governance) Research screening, analysis and ratings; ISS corporate governance research, data and outsourced proxy voting and reporting services; and FEA valuation models and risk management software for the energy and commodities markets. MSCI is headquartered in New York, with research and commercial offices around the world.

<sup>1</sup> As of March 31, 2013, as reported on July 31, 2013 by eVestment, Lipper and Bloomberg

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