

## INDEX METHODOLOGY

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### INTRODUCTION

This document sets forth the methodology for the Northern Trust International Large Cap Index

The index is currently calculated and disseminated each business day by Thomson Reuters.

### ELIGIBLE SECURITIES

In order to be eligible for inclusion in the Northern Trust International Large Cap Index, a security must be a constituent of the Northern Trust Global Index, not domiciled in the United States.

Eligible securities are domiciled in Developed or Emerging countries (see list below) as defined by FactSet’s categorization of “Country/Region – Based on Domicile”. In cases where the company is categorized as domiciled in a tax advantaged country (see list below), this methodology recognizes the domicile country as the country of the primary listing. Any company headquartered in Puerto Rico, Guam, or U.S. Virgin Islands, is considered domiciled in the United States.

Developed Countries	Emerging Countries	Tax Advantaged Countries
Australia	Brazil	Anguilla
Austria	Chile	Antigua
Belgium	China <sup>1</sup>	Antilles
Canada	Colombia	Barbuda
Denmark	Czech Republic	Bahamas
Finland	Egypt	Barbados
France	Hungary	Belize
Germany	India	Bermuda
Greece	Indonesia	British Virgin Islands
Hong Kong	South Korea	Cayman Islands
Ireland	Malaysia	Channel Islands
Israel	Mexico	Cook Islands
Italy	Morocco	Falkland Islands
Japan	Peru	Faroe Islands



## NORTHERN TRUST INTERNATIONAL LARGE CAP INDEX

Netherlands	Philippines	Gibraltar
New Zealand	Poland	Isle of Man
Norway	Russia	Liberia
Portugal	South Africa	Liechtenstein
Singapore	Taiwan	Luxembourg
Spain	Thailand	Marshall Islands
Sweden	Turkey	Suriname
Switzerland		Turks and Caicos Islands
United Kingdom		

In the event that access to real time electronic quotation from any of these markets be denied or suspended by the local exchange, the index provider will process a rebalance to remove all impacted constituents from the index. Constituent changes generated as a result of this type of rebalancing activity will be announced according to the rules set within this methodology. For a complete list of excluded markets, contact [NT\\_Index\\_Services@ntrs.com](mailto:NT_Index_Services@ntrs.com).

### DETAILED METHODOLOGY

The Northern Trust International Large Cap Index's eligible universe is derived from the Northern Trust Global Index - which covers approximately 97.5% of world's float adjusted market capitalization . The Northern Trust International Large Cap Index represents all securities in the Northern Trust Global Index, designated as *Large/Mid-Cap*, with the exception of securities domiciled in the United States. As detailed in the Northern Trust Global Index Methodology, at the time of each semi-annual reconstitution, market cap designation bands of +/- 33% are utilized to control turnover for each developed and emerging *Large/Mid-Cap threshold*. The constituents are capitalization weighted based on individual company's float-adjusted market capitalization<sup>ii</sup>.

Any changes to this methodology will be announced to the public at least sixty (60) days in advance prior to becoming effective.

### RECONSTITUTION

The Northern Trust International Large Cap Index is reconstituted twice per year and adjusted intra-period only in connection with errors, securities' eligibility, exchange connectivity, float changes and corporate actions, including, but not limited to, initial public offerings<sup>iii</sup> and spin-offs.

The semi-annual reconstitution is conducted in February and August on the last business day of the month in which the U.S. equity markets are open for trading, and becomes effective

immediately after the close. Northern Trust International Large Cap Index reserves the right to postpone the semi-annual reconstitution date for up to one week with prior public notice of such a postponement.

All changes to constituents and weightings will be announced to the public at least two (2) days prior to reconstitution or rebalancing, and again with definitive weights after the close of the reconstitution or rebalancing date before the following day's market opening.

### INDEX MAINTENANCE / CORPORATE ACTION-DRIVEN CHANGES

The Indexes will adopt all corporate action related policies and procedures used by Thomson Reuters. A complete list of Thomson Reuters' corporate action methodology is available [online](#), and also on request at [NT\\_Index\\_Services@ntrs.com](mailto:NT_Index_Services@ntrs.com).

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*Disclaimer: Returns of the indexes do not typically reflect the deduction of investment management fees, trading costs or other expenses. It is not possible to invest directly in an index. Indexes are the property of their respective owners, all rights reserved.*

<sup>i</sup> With regards to China, only shares of companies incorporated in mainland China and traded on the Hong Kong Exchange, are eligible for inclusion.

<sup>ii</sup> Float adjusted market capitalization is calculated by multiplying the current price of the equity security, and the difference of the number of shares outstanding of that security less the number of shares that are not publically available in the float

<sup>iii</sup> Constituents added to the Northern Trust Global index during the semi-annual IPO review, which meet all eligibility requirements set forth in the Northern Trust International Large Cap Index methodology, will automatically be added to the index if the security's full market capitalization falls above the established Northern Trust Global Index Large/Mid Threshold by 33% (See NTGBL methodology for further details). New constituents added to the index during the IPO review process have their weight derived by using their current float adjusted market capitalization.