



INDEX METHODOLOGY

OMX HELSINKI BENCHMARK INDEX™

OMXHB-

INDEX DESCRIPTION

The OMX Helsinki Benchmark Index measures the performance of a selection of the largest and most traded securities listed on Nasdaq Helsinki Ltd.

SECURITY ELIGIBILITY CRITERIA

Parent index

A security must be included in the OMX Helsinki All-Share Index. Please refer to that methodology for further information.

Other eligibility criteria

A security must have non-zero turnover, as defined below in the Constituent Selection section.

The Issuer of a security not already in the Index as of the Index Reconstitution Reference Date ("non-Index Security") may not have entered into a definitive agreement or other arrangement that would likely result in the non-Index Security becoming ineligible.

The Issuer of a security already in the Index as of the Index Reconstitution Reference Date ("Index Security") that has entered into a definitive agreement or other arrangement that would likely result in the Index Security becoming ineligible soon after the Index Reconstitution Effective Date may be removed from the Index in conjunction with the Index Reconstitution.

INDEX CALENDAR

Reconstitution schedule

Nasdaq selects constituents semi-annually in June and December to determine the Index Securities as of the Index Reconstitution Effective Date.

Reconstitution reference dates

The June Reconstitution is conducted using data as of the end of April.

The December Reconstitution is conducted using data as of the end of October.

Reconstitution announcement dates

Index Reconstitutions are announced at least five (5) trading days prior to the Index Reconstitution Effective Date.

Reconstitution effective dates

Index Reconstitutions are effective at market open on the first trading day in June and December.

Rebalance schedule

The Index is rebalanced semi-annually in conjunction with the Index Reconstitution in June and December.

Rebalance reference dates

Index Security weights are determined by the total shares outstanding and free float factor used in the Index Reconstitution and the closing prices as of the day prior to the Index Rebalance Effective Dates.

Rebalance announcement dates

Index Rebalances are announced in conjunction with the Index Reconstitution announcements at least five (5) trading days prior to the Index Rebalance Effective Date.

Rebalance effective dates

Index Rebalances are effective in conjunction with the Index Reconstitution changes at market open on the first trading day in June and December.

CONSTITUENT SELECTION

Constituent selection process

A Reconstitution is conducted on a semi-annual basis, at which time eligible securities, ranked by highest Nasdaq official aggregate turnover in Euros (EUR) during the twelve (12) calendar month period starting twelve (12) calendar months prior to the Index Reconstitution Reference Date, are considered for Index inclusion based on the following ordered criteria:

- Securities in the top 10% of the turnover ranking (or a minimum of 25 securities) are selected for the Index.
- Securities are then ranked by free float market capitalization in Euros (EUR) at the Supersector level according to the Industry Classification Benchmark (ICB), a product of FTSE International Limited that is used under license.
- Securities are selected within each Supersector, in rank order, from the highest free float market capitalization until at least 85% of the Supersector's free float market capitalization is reached.
- Securities in the bottom 30% of the turnover ranking are deemed ineligible, removed, and are not replaced. As a result, the target of at least 85% of each Supersector's free float market capitalization may not be reached.

CONSTITUENT WEIGHTING

Constituent weighting scheme

The Index is a free float market capitalization-weighted index.

Constituent weighting process

Index Securities' weights are determined by dividing each Index Security's free float market capitalization by the aggregate free float market capitalization of all Index Securities.

For additional information about index weighting, see **Nasdaq Index Weight Adjustment Guidelines**.

INDEX MAINTENANCE

Deletion policy

If at any time other than an Index Reconstitution Nasdaq determines that an Index Security has or will undergo a fundamental alteration that would make it ineligible for Index inclusion, the Index Security is removed from the Index as soon as practicable as noted in the "Mergers & Acquisitions (M&A)" section of the **Corporate Actions and Events Manual - Nordic, Baltic and SmartBeta Equities**.

Such fundamental alterations include, but are not limited to, a listing switch to an ineligible exchange, acquisition of more than 90% of outstanding shares, merger, or other major corporate event that would otherwise adversely impact the integrity of the Index.

On the Effective Date of the deletion, the Index Security is removed at its prior closing price. For more information on the handling of bankrupt securities please refer to the "Bankruptcy" section of the **Corporate Actions and Events Manual - Nordic, Baltic and SmartBeta Equities**.

Replacement policy

Removed securities are not replaced except, under certain conditions, when the Index Security is involved in a merger. Please refer to the “Mergers & Acquisitions (M&A)” section of the **Corporate Actions and Events Manual - Nordic, Baltic and SmartBeta Equities** for further information.

Addition policy

Under certain circumstances, a newly listed security may be added as an Index Security between Index Reconstitutions. Use of this "Fast Entry" procedure is invoked by Nasdaq Index Management Committee to protect the integrity of the Index.

Factors used to determine whether a security is added include the security's expected market capitalization and turnover.

If a security is deemed eligible for Fast Entry, it is added as an Index Security as soon as practicable. The Fast Entry security is added to the Index at closing price of the day prior to the Effective Date of the addition.

Corporate actions

Information on corporate action and event handling can be found in **Corporate Actions and Events Manual - Nordic, Baltic and SmartBeta Equities**.

Unless otherwise noted and where possible, corporate actions are announced approximately two (2) days in advance.

The Index follows a "Market Cap Corporate Action Method for Indexes that Review Index Shares on a Periodic Basis."

Index share adjustments

Please refer to the “Index Share Adjustments” section of the **Corporate Actions and Events Manual - Nordic, Baltic and SmartBeta Equities** for further information.

ADDITIONAL INFORMATION

Announcements

Nasdaq announces Index-related information via the Nasdaq Global Index Watch (GIW) website at <http://indexes.nasdaqomx.com>.

For more information on the general Index Announcement procedures, please refer to the **Nasdaq Index Methodology Policy**.

Holiday schedules

The Indexes are calculated Monday through Friday, except on days when Nasdaq Helsinki Ltd. is closed.

Unexpected market closures

For information on Unexpected Market Closures, please refer to the **Nasdaq Index Methodology Policy**.

Calculation types

For information on the Index calculation types as well as the mathematical approach used to calculate the Index(es), please refer to the **Calculation Manual – Equities & Commodities**.

Free Float

Nasdaq has different methods to determine free float. This Index(es) utilizes the Alternate float method. For detailed definition, refer to "Alternate Float Method" section in **Nasdaq Index Methodology Guide**.

Recalculation and restatement policy

For information on the Recalculation and Restatement Policy, please refer to the **Nasdaq Index Recalculation Policy**.

Data sources

For information on data sources and the classification of dividends and associated tax rates, please refer to the **Nasdaq Index Methodology Policy**.

Contact information

For any questions regarding an Index, please contact the Nasdaq Index Client Services team at indexservices@nasdaq.com.

Index dissemination

Index values and weightings information are available through Nasdaq Global Index Watch (GIW) website at <https://indexes.nasdaqomx.com/> as well as the Nasdaq Global Index FlexFile Delivery Service (GIFFD) and Global Index Dissemination Services (GIDS). Similar to the GIDS offerings, Genium Consolidated Feed (GCF) provides real-time Index values and weightings for the Nordic Indexes.

For more detailed information regarding Index Dissemination, see the **Nasdaq Index Methodology Policy**.

Index calculation and dissemination schedule

The Indexes are calculated during the trading day based on the Last Sale Price and are disseminated once per second from 10:00:10 to 18:35:00 local time (Central European Time or Central European Summer Time, dependent on the month of the year).

Website

For further information, please refer to Nasdaq GIW website at <https://indexes.nasdaqomx.com/>.

FTP and dissemination service

Index values and weightings are available via FTP on the Nasdaq Global Indexes FlexFile Delivery Service (GIFFD). Index values are available via Nasdaq's Global Index Dissemination Services (GIDS).

GOVERNANCE

Index governance

All Nasdaq Indexes follow the same governance structure. For a detailed list of this information, please see the **Nasdaq Index Methodology Policy**.

Nasdaq Index Management Committee

The Nasdaq Index Management Committee approves all new Index Methodologies. This committee is comprised of full-time professional members of Nasdaq. The committee meets regularly, and reviews items including, but not limited to, pending corporate actions that may affect Index constituents, statistics comparing the composition of the indexes to the market, companies that are being considered as candidates for addition to an Index, and any significant market events.

For a detailed overview of the Index Management Committee, please see the **Nasdaq Index Methodology Policy**.

Internal reviews of methodology

For a detailed description on internal reviews of the Methodology, please see the **Nasdaq Index Methodology Policy**.

Communication with stakeholders and consultations

For a detailed description on Consultations and Communications with Stakeholders, please see the **Nasdaq Index Methodology Policy**.

Index cessation

Nasdaq has a documented procedure that is followed for Index Cessation that includes termination/retirement of an Index or Index Family.

For more information, please refer to the **Nasdaq Index Cessation Policy**.

Discretionary adjustment

This Index Methodology was created by Nasdaq to achieve the aforementioned objective of measuring the underlying purpose of each Index governed by this methodology document. Any deviations from this methodology are made in the sole judgment and discretion of Nasdaq so that the Index continues to achieve its objective.

For more information on potential adjustments including Calculation and Pricing Disruptions, Expert Judgment, and Unexpected Reconstitution/Rebalances, please refer to the **Nasdaq Index Methodology Policy**.

GLOSSARY OF TERMS AS USED IN THIS DOCUMENT

For the glossary of key terms, please refer to the **Nasdaq Index Methodology Policy**.

DISCLAIMER

Nasdaq may, from time to time, exercise reasonable discretion as it deems appropriate in order to ensure Index integrity, including but not limited to, quantitative inclusion criteria. Nasdaq may also, due to special circumstances, if deemed essential, apply discretionary adjustments to ensure and maintain the high quality of the index construction and calculation. Nasdaq does not guarantee that any Index accurately reflects future market performance.

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