

iBoxx EUR Eurozone ex- BBB (60%) & Corporates ex-BBB (40%) Index Guide

June 2023

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1) Index overview

The below index will be delivered to **Nationale Hypotheek Garantie** as a customized solution.

- **iBoxx EUR Eurozone ex-BBB (60%) & Corporates ex-BBB (40%)**

The history for the index starts from 31 December 2022 at a base level of 100. The custom index is based on the weights of sub-indices stated in Section 2.

The bond universe of the index is a subset of the iBoxx EUR Benchmark Index. The index will be calculated on every iBoxx EUR calculation day based on consolidated iBoxx end-of-day bond prices. For the custom index calculation, bond insertions and existing bonds follow the same prices as referred in the iBoxx EUR Overall index.

2) Index structure

The bond selection rules for the sub-indices mirror the rules of the iBoxx EUR benchmark index. The custom index is composed of the following sub-indices with fixed weights.

Index Name	ISIN	Weight
iBoxx € Eurozone ex-BBB	DE000A1EW4K3	60.00%
iBoxx € Corporates ex-BBB	DE000A0C4JY5	40.00%

3) Index identifiers

The following table delivers an overview of the index identifiers.

CPI_U = Clean Price Index Unhedged Level

TRI_U = Total Return Index Unhedged Level

Index Name	Version	ISIN	Sedol	RIC
iBoxx EUR Eurozone ex-BBB (60%) & Corporates ex-BBB (40%)	CPI_U	GB00BQN9TH55	BQN9TH5	.IBXXCRP6
iBoxx EUR Eurozone ex-BBB (60%) & Corporates ex-BBB (40%)	TRI_U	GB00BQN9TJ79	BQN9TJ7	.IBXXCRP7

4) Index calculation

4.1) Calculation

Bond and index analytical values are calculated on each trading day using the daily closing prices. The calculation of the index follows the rules and publication calendar of iBoxx EUR benchmark index.

4.2) Rebalancing

The index is reviewed and rebalanced once per month at the end of each month. The final composition of the index is published on the first trading day. The index is calculated using the same ask and bid prices which are used for the iBoxx EUR benchmark index. If the month-end falls on a non-business day the index would be calculated using the prices from the last business day and the accrued interest as of the calculation date.

5) Publication

The index will be published on the SFTP server daily. The following files will be published.

- **Indices:** daily index levels and analytics
- **Underlyings:** daily bond prices and analytics
- **Components:** monthly index composition
- **Forwards:** projected composition of the following month

The table below shows a complete overview of the publication paths on SFTP server. The index is published in the customized folder **B230102**.

File Type	File Names	Publication	SFTP Folder for Publication
Indices	iboxx_b230102_eur_eod_ indices_YYYYMMdd.csv	Daily	\\IBOXX_CUSTOM_INDICES \\B230102\\INDICES
Underlyings	iboxx_b230102_eur_eod_ underlyings_YYYYMMdd.csv	Daily	\\IBOXX_CUSTOM_INDICES \\B230102\\UNDERLYINGS
Components	iboxx_b230102_eur_eom_ components_YYYYMM.csv	Monthly	\\IBOXX_CUSTOM_INDICES \\B230102\\COMPONENTS
Forwards	iboxx_b230102_eur_eod_ forwards_YYYYMMdd.csv	6th calendar day onwards	\\IBOXX_CUSTOM_INDICES \\B230102\\FORWARDS

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The index levels will be published on daily basis under the RICs listed in the Identifiers section.

6) Additional information

Business contact name	Business contact information (phone/email)
Wim Hoogendoorn	wim.hoogendoorn@nhg.nl

7) Further information

Client support

For client support please contact:

E-mail:	indices@ihsmarkit.com		
Phone:	Asia Pacific	Japan: Singapore:	+81 3 6402 0127 +65 6922 4210
	Europe	General: UK:	+800 6275 4800 +44 20 7260 2111
	USA	General:	+1 877 762 7548

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Please note: spdji_compliance@spglobal.com should only be used to log formal complaints.

General index inquiries

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A) ESG Disclosures

EXPLANATION OF HOW ENVIRONMENTAL, SOCIAL & GOVERNANCE (ESG) FACTORS ARE REFLECTED IN THE KEY ELEMENTS OF THE BENCHMARK METHODOLOGY [1]		
1	Name of the benchmark administrator.	IHS Markit Benchmark Administration Limited (IMBA)
2	Underlying asset class of the ESG benchmark. [2]	N/A
3	Name of the S&P Dow Jones Indices benchmark or family of benchmarks.	iBoxx Benchmark Statement
4	Do any of the indices maintained by this methodology take into account ESG factors?	No
Appendix latest update:		June 2023
Appendix first publication		June 2023

[1] The information contained in this Appendix is intended to meet the requirements of the European Union Commission Delegated Regulation (EU) 2020/1817 supplementing Regulation (EU) 2016/1011 of the European Parliament and of the Council as regards the minimum content of the explanation of how environmental, social and governance factors are reflected in the benchmark methodology and the retained EU law in the UK (The Benchmarks (amendment and Transitional Provision) (EU Exit) Regulations 2019).

[2] The ‘underlying assets’ are defined in European Union Commission Delegated Regulation (EU) 2020/1816 supplementing Regulation (EU) 2016/1011 of the European Parliament and of the Council as regards the explanation in the benchmark statement of how environmental, social and governance factors are reflected in each benchmark provided and published.

Disclaimer

Performance Disclosure/Back-Tested Data

Where applicable, S&P Dow Jones Indices and its index-related affiliates (“S&P DJI”) defines various dates to assist our clients in providing transparency. The First Value Date is the first day for which there is a calculated value (either live or back-tested) for a given index. The Base Date is the date at which the index is set to a fixed value for calculation purposes. The Launch Date designates the date when the values of an index are first considered live: index values provided for any date or time period prior to the index’s Launch Date are considered back-tested. S&P DJI defines the Launch Date as the date by which the values of an index are known to have been released to the public, for example via the company’s public website or its data feed to external parties. For Dow Jones-branded indices introduced prior to May 31, 2013, the Launch Date (which prior to May 31, 2013, was termed “Date of introduction”) is set at a date upon which no further changes were permitted to be made to the index methodology, but that may have been prior to the Index’s public release date.

Please refer to the methodology for the Index for more details about the index, including the manner in which it is rebalanced, the timing of such rebalancing, criteria for additions and deletions, as well as all index calculations.

Information presented prior to an index’s launch date is hypothetical back-tested performance, not actual performance, and is based on the index methodology in effect on the launch date. However, when creating back-tested history for periods of market anomalies or other periods that do not reflect the general current market environment, index methodology rules may be relaxed to capture a large enough universe of securities to simulate the target market the index is designed to measure or strategy the index is designed to capture. For example, market capitalization and liquidity thresholds may be reduced. In addition, forks have not been factored into the back-test data with respect to the S&P Cryptocurrency Indices. For the S&P Cryptocurrency Top 5 & 10 Equal Weight Indices, the custody element of the methodology was not considered; the back-test history is based on the index constituents that meet the custody element as of the Launch Date. Back-tested performance reflects application of an index methodology and selection of index constituents with the benefit of hindsight and knowledge of factors that may have positively affected its performance, cannot account for all financial risk that may affect results and may be considered to reflect survivor/look ahead bias. Actual returns may differ significantly from, and be lower than, back-tested returns. Past performance is not an indication or guarantee of future results.

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