



ICE Data Indices, LLC Benchmark Statement

NYSE® Expanded Opportunities™ Index

November 2023

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ICE Data Indices Benchmark Statement

Created	June 2019
Last update	November 2023
Name of the benchmark administrator	ICE Data Indices, LLC ("IDI")

1. Introduction

ICE Data Indices, LLC ("IDI") is a U.S. subsidiary of Intercontinental Exchange, Inc. ("ICE"), and is the administrator for the NYSE® Expanded Opportunities Index (the "Index"). The index is available on the ICE Index Platform <https://indices.ice.com/> under Index Finder -> Equity, filtering on the "Benchmark Statement Family" column for "NYSE® Expanded Opportunities Index Family".

A link to IDI Benchmark Statements is available on the Index Platform and can also be found here: <https://www.ice.com/fixed-income-data-services/index-solutions/regulation/benchmark-statements> where users can view the list of Index Families and their corresponding Benchmark Statements. The Methodology document for the Index is available to users on request. Supplementary documents for the equity indices are also available under the Methodologies Tab -> Equity.

This benchmark statement has been created in accordance with Article 27 of the European Benchmark Regulation (“the EU BMR”)¹ which was translated into UK law under the Benchmarks (Amendment and Transitional Provision) (EU Exit) Regulations 2019 (“the UK BMR”)², and with reference to the supplementary delegated regulation (EU) 2018/1643³ (“RTS 2018/1643”) and delegated regulation (EU) 2020/1816⁴ (“DA 2020/1816”), and (EU) 2020/1818⁵ (“DA 2020/1818”) on the content of benchmark statements.

References in this document to EU Regulations or Directives (including EU BMR and applicable Commission Delegated Regulation) include, in relation to the UK, those Regulations or Directives as they form part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 or have been implemented in UK domestic law, as appropriate.

IDI, has been recognized in the UK as a third country Benchmark Administrator for purposes of Article 32 of the UK BMR with the FCA as the relevant competent authority.

The benchmarks which are available for use by supervised entities in the United Kingdom are published on the FCA register https://register.fca.org.uk/s/resources#Other_registers, under Third Country Benchmarks Register.

¹ <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32016R1011&from=EN>

² <https://www.legislation.gov.uk/ukxi/2019/657/contents/made>

³ COMMISSION DELEGATED REGULATION (EU) 2018/1643 of 13 July 2018 <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:L:2018:274:FULL&from=EN>

⁴ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32020R1816>

⁵ <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32020R1818>

2. Benchmark Statement

	Relevant BMR Regulatory Technical Standard (“RTS”) or Delegated Act (“DA”) provision	Requirement	IDI’s Response
1	ISIN	<p>RTS 2018/1643 Art(1)(1)(b)</p> <p>The benchmark statement shall state: (b) where available, the international securities identification number (ISIN) of the benchmark or benchmarks; alternatively, for a family of benchmarks, the statement may provide details of where the ISINs are publicly accessible free of charge;</p>	An ISIN is not currently assigned to the benchmark.
2	Contributions of Input Data	<p>RTS 2018/1643 Art(1)(1)(c)</p> <p>The benchmark statement shall state: (c) whether the benchmark, or any benchmark in the family of benchmarks, is determined using contributions of input data;</p>	The NYSE® Expanded Opportunities Index does not use contributions of input data
3	Types of Benchmarks	<p>RTS 2018/1643 Art(1)(1)(d)</p> <p>The benchmark statement shall state: (d) whether the benchmark or any benchmark in the family of benchmarks qualifies as one of the types of benchmarks listed under Title III of Regulation (EU) 2016/1011,</p>	<p>The NYSE® Expanded Opportunities Index does not qualify as a regulated data, commodity or interest rate benchmark, nor as a Climate Transition Benchmark or Paris-Aligned Benchmark.⁶</p> <p>The NYSE® Expanded Opportunities Index is a non-</p>

⁶ The benchmark statement does not therefore need to disclose the information required by RTS 2018/1643 Articles 2 to 5.

		including the specific provision by virtue of which the benchmark qualifies as that type.	significant benchmark as defined under point (27) of Article 3(1) of the BMR ⁷
4	Economic Reality	<p>RTS 2018/1643 Art(1)(2)(a)</p> <p>In defining the market or economic reality, the benchmark statement shall include at least the following information:</p> <p>(a) a general description of the market or economic reality;</p> <p>(b) the geographical boundaries, if any, of the market or economic reality;</p> <p>(c)⁸ any other information that the administrator reasonably considers to be relevant or useful to help users or potential users of the benchmark to understand the relevant features of the market or economic reality, including at least the following elements insofar as reliable data on these elements is available:</p> <p>(i) information on actual or potential participants in the market;</p> <p>(ii) an indication of the size of the market or economic reality.</p> <p>BMR Art27(1)(a)</p> <p>The benchmark statement shall:</p> <p>(a) clearly and unambiguously define the market or economic reality measured by the benchmark and the circumstances in which such measurement may become unreliable.</p>	<p>The NYSE® Expanded Opportunities Index is a dynamic risk-weighted benchmark. It allocates between multiple asset classes based on class-specific metrics and optimization techniques. The benchmark allocates to multiple asset classes including equities, fixed income and alternatives. Allocations are determined through an optimization process which targets a pre-defined volatility level incorporating daily updates of estimates and constraints.</p> <p>Further details on the market or economic reality and geographic boundaries that the NYSE® Expanded Opportunities Index intends to represent are described in the NYSE® Expanded Opportunities Methodology document which is available to users on request.</p> <p>The circumstances under which market conditions might impair the ability of the benchmark to measure a given market are described in the Limitations section of the Methodology document.</p>

⁷ As a result, RTS 2018/1643 Article 1(7) provides that the benchmark statement does not need to disclose the information required by Article 1(2)(c), Article 1(3)(b) and (c), and Article 1(4) and (5).

⁸ Not applicable - the NYSE® Expanded Opportunities Index Family consists of a non-significant benchmark only.

5	Limitations	<p>BMR Art27(2)(g)</p> <p>A benchmark statement shall contain at least: (g) the identification of potential limitations of the benchmark, including its operation in illiquid or fragmented markets and the possible concentration of inputs.</p> <p>RTS 2018/1643 Art(1)(3)(a)</p> <p>In defining the potential limitations of the benchmark and the circumstances in which the measurement of the market or economic reality may become unreliable, the benchmark statement shall include at least: (a) a description of the circumstances in which the administrator would lack sufficient input data to determine the benchmark in accordance with the methodology;</p>	<p>The NYSE® Expanded Opportunities Index may be subject to potential limitations, such as potential issues with third party vendors and data providers; a decline in the pool of available eligible securities due to advancements in technology, shifts in demographic spending or the economy, changes in regulation or accounting rules, consolidation in certain sectors or industries, or other factors.</p> <p>Other limitations may include the ability of the Benchmark to operate in illiquid or fragmented markets.</p> <p>IDI seeks to manage and mitigate these limitations through the Benchmark design, review and oversight process.</p>
6	Discretion	<p>BMR Art27(1)(b)</p> <p>The benchmark statement shall: (b) lay down technical specifications that clearly and unambiguously identify the elements of the calculation of the benchmark in relation to which discretion may be exercised, the criteria applicable to the exercise of such discretion and the position of the persons that can exercise discretion, and how such discretion may be subsequently evaluated;</p>	<p>The Methodology document for the NYSE® Expanded Opportunities Index describes how the benchmark is to be calculated.</p> <p>While IDI mostly relies on input data obtained from its sources, on certain occasions, where decisions relating to the determination of the Benchmark are required to maintain the integrity of the values and ensure that the Benchmark continues to operate in line with the methodology, IDI may apply Expert Judgment.</p> <p>Where Expert Judgment is required in a Benchmark determination, it may only be applied by suitably experienced and qualified staff members on the IDI team in accordance with the Methodology document.</p>

			<p>Using their expertise and knowledge, and the information available to them, they will make an assessment of what adjustment would be most appropriate to correctly reflect the Benchmark objective.</p> <p>Ultimately any exercise of Expert Judgment is overseen by the Governance Committee of IDI, which ensures that the published Methodologies have been followed.</p>
7	Factors beyond the control of the administrator	<p>BMR Art 27(1)(c)</p> <p>The benchmark statement shall: (c) provide notice of the possibility that factors, including external factors beyond the control of the administrator, may necessitate changes to, or the cessation of, the benchmark; and</p>	<p>From time to time, events outside of the control of IDI may occur that may require changes to, or cessation of the NYSE® Expanded Opportunities Index.</p> <p>IDI has implemented a Benchmark Cessation Procedure, which is published on the IDI website (https://www.ice.com/fixed-income-data-services/index-solutions/regulation) and which set out the steps IDI would take if termination of a benchmark was being considered.</p> <p>IDI has also published a Consultation Policy which is available on the IDI website (https://www.ice.com/fixed-income-data-services/index-solutions/regulation) and which sets out the steps IDI would take if a material change was needed in relation to the NYSE® Expanded Opportunities Index.</p>

8	Impact of changes or cessation	<p>BMR Art27(1)(d)</p> <p>The benchmark statement shall: (d) advise users that changes to, or the cessation of, the benchmark may have an impact upon the financial contracts and financial instruments that reference the benchmark or the measurement of the performance of investment funds.</p>	<p>Changes to, or cessation of a benchmark may have an impact upon the financial contracts and financial instruments that reference the benchmark or the measurement of the performance of investment funds. Where changes to a benchmark are subject to a consultation, users are encouraged to provide feedback on the proposed change and the impact it may have.</p> <p>Any users of benchmarks that are to be discontinued are advised to take account of the upcoming cessation and ensure their contractual and other arrangements linked to the benchmarks contain appropriate fallback or other arrangements to address the cessation.</p> <p>IDI has implemented a Benchmark Cessation Procedure, which is published on the IDI website (https://www.ice.com/fixed-income-data-services/index-solutions/regulation) and which set out the steps IDI would take if termination of a benchmark was being considered.</p> <p>IDI has also published a Consultation Policy which is available on the IDI website (https://www.ice.com/fixed-income-data-services/index-solutions/regulation) and which sets out the steps IDI would take if a material change was needed in relation to the NYSE® Expanded Opportunities Index.</p>
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9	Key Terms	<p>BMR Art27(2)(a)</p> <p>A benchmark statement shall contain at least: (a) the definitions for all key terms relating to the benchmark</p>	<p>All key terms relevant to the NYSE® Expanded Opportunities Index are set out in the Methodology document</p>
10	Rationale for adoption and procedures for review and approval.	<p>BMR Art27(2)(b)</p> <p>A benchmark statement shall contain at least: (b) the rationale for adopting the benchmark methodology and procedures for the review and approval of the methodology;</p>	<p>The NYSE® Expanded Opportunities Index Methodology document sets out what the benchmark intends to cover and achieve.</p> <p>The IDI Governance Committee is responsible for overseeing the development, design, issuance and operation of the benchmark and the respective methodology document. The IDI Governance Committee Charter is available on the IDI website (https://www.ice.com/fixed-income-data-services/index-solutions/regulation).</p> <p>IDI has also published a Consultation Policy which is available on the IDI website (https://www.ice.com/fixed-income-data-services/index-solutions/regulation) and which sets out the steps IDI would take if a material change was needed to the NYSE® Expanded Opportunities Index.</p>
11	Criteria used to determine the benchmark	<p>BMR art 27(2)(c)</p> <p>A benchmark statement shall contain at least: (c) the criteria and procedures used to determine the benchmark, including a description of the input data, the priority given to different types of input data, the minimum data needed to determine a benchmark, the use of any</p>	<p>The primary source for the relevant index data and the constituent data used in the benchmark will be the respective Index provider, sourced either directly from the index provider or through the ICE Consolidated Feed. U.S ETF Closing prices are sourced from the Consolidated Tape System (CTS) and UTP Trade</p>

		models or methods of extrapolation and any procedure for rebalancing the constituents of a benchmark's index;	<p>Data Feed (UTDF) via reputable third-party market data feeds, platforms and redistributors.</p> <p>The Benchmark is calculated and maintained by IDI based on a methodology developed by Morgan Stanley Investment Management, Inc. (“MSIM”). The Index utilizes proprietary data as well as data that is obtained under license from CME Group, FTSE Russell, Morgan Stanley, MSCI, and the Federal Reserve Bank of New York (“FRBNY”).</p> <p>Additional sources of data include market data vendors, company announcements and other official sources.</p> <p>No priority is given to certain data types in the calculation of the NYSE® Expanded Opportunities Index.</p> <p>The procedures for determining the NYSE® Expanded Opportunities Index are set out in the Methodology document.</p>
12	Exercise of Judgement or Discretion	<p>BMR Art27(2)(d)</p> <p>A benchmark statement shall contain at least: (d) the controls and rules that govern any exercise of judgement or discretion by the administrator or any contributors, to ensure consistency in the use of such judgement or discretion;</p>	<p>Where exercise of judgment or discretion is required in a Benchmark determination, it may only be applied by suitably experienced and qualified staff members on the IDI team in accordance with the Methodology document. Using their expertise and knowledge, and the information available to them, they will make an assessment of what adjustment would be most appropriate to correctly reflect the Benchmark objective.</p> <p>Ultimately any exercise of Expert Judgment is overseen by the Governance Committee of IDI, which</p>

			ensures that the published Methodologies have been followed.
13	Periods of Stress	<p>EU BMR Art27(2)(e)</p> <p>A benchmark statement shall contain at least: (e) the procedures which govern the determination of the benchmark in periods of stress or periods where transaction data sources may be insufficient, inaccurate or unreliable and the potential limitations of the benchmark in such periods;</p>	<p>Actions taken by IDI for the NYSE® Expanded Opportunities Index in exceptional market conditions are outlined in the Methodology document. IDI retains the right to delay the publication of the benchmark level or suspend the publication of the level of the benchmark if it believes that circumstances prevent the proper calculation of the benchmark. In the event that there is a market-wide event resulting in the complete or partial unavailability of data required for the calculation, IDI will take guidance from the respective source(s) and address on an event-by-event basis and communicate the action taken to its stakeholders.</p>
14	Errors	<p>BMR Art27(2)(f)</p> <p>A benchmark statement shall contain at least: (f) the procedures for dealing with errors in input data or in the determination of the benchmark, including when a redetermination of the benchmark is required; and</p>	<p>Reasonable efforts are made to ensure the correctness and validity of data used in benchmark calculations.</p> <p>Where errors have occurred in the determination or calculation of the benchmark, the decision to make a restatement will be assessed on a case-by-case basis. Such decision will take account of the significance; impact; age; and scale of the error.</p> <p>All revisions or issues with the publication of the indices will be communicated to stakeholders during the day through the regular client communication channels; in addition, IDI may also contact clients directly; post a notice on the IDI website; send an</p>

			email announcement, or use other such forms of communication.
Specific disclosure requirements on ESG Factors and how they are reflected in each benchmark or family of benchmarks			
15	ESG Factors	BMR Art 27(2a) DA 2020/1816 Specific disclosure requirements on ESG Factors and how they are reflected in the benchmark methodology	The NYSE® Expanded Opportunities Index does not take ESG factors into account in the index design and does not pursue ESG objectives.
Specific disclosure requirement on the alignment with the objectives of the Paris Agreement			
16	Alignment with Paris Agreement	DA 2020/1816 Does the benchmark (or family of benchmarks) align with the target of reducing carbon emissions or the attainment of the objectives of the Paris Agreement.	No
17	Temperature Scenario	DA 2020/1816 The temperature scenario, in accordance with international standards, used for the alignment with the target of reducing GHG emissions or attaining of the objectives of the Paris Agreement; The name of the provider of the temperature scenario used for the alignment with the target of reducing GHG emissions or the attainment of the objectives of the Paris Agreement;	N/A

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