



**NYSE® Arca Equal Weighted  
Pharmaceutical Index™  
(DGE)**

Version 2.0  
Valid from  
April 24, 2018

## Contents

Version History:.....	1
1. Index summary.....	2
2. Governance .....	3
3. Index Description.....	5
4. Publication .....	6
4.1 The opening, intraday and closing or daily publication of index values.....	6
4.2 Exceptional market conditions and corrections .....	7
4.3 Changes to the Index.....	7
5. Calculation .....	10
5.1 Calculation of the price index .....	10
6. Index rebalances.....	11
6.1 General aim of rebalances and frequency .....	11
6.2 Index universe and selection principle.....	11
6.3 Periodical update of weighting.....	12
7. Corporate Actions.....	13
7.1 General.....	13
8. Disclaimer .....	14

## Version History:

### Version 2.0 (Effective April 24, 2018)

This version incorporates language reflecting changes to the announcement policy, legal structure of the Index Administrator, introduces language codifying certain procedures relating to Index governance, consultation and index rule reviews and includes an updated Disclaimer.

### Version 1.0 (Effective June 15, 2001)

The methodology document covers the newly-launched NYSE® Arca Equal Weighted Pharmaceutical Index™.

## 1. Index summary

<b>Factsheet</b>	
<b>Full Names</b>	NYSE® Arca Equal Weighted Pharmaceutical Index™
<b>Index Types</b>	Price Return (USD): DGE Gross Total Return (USD): DGETR
<b>Index Description</b>	The NYSE® Arca Equal Weighted Pharmaceutical Index™ is a rules-based index designed to represent a cross section of widely held, highly capitalized companies involved in various phases of the development, production, and marketing of pharmaceuticals. Index composition and corporate actions, including rebalance information, can be accessed from NYSE Market Data at <a href="http://www.nyse.com/market-data/indices">www.nyse.com/market-data/indices</a> .
<b>Eligible Stocks</b>	All component stocks will either be listed on the NYSE American, the New York Stock Exchange (“NYSE”), or traded through the facilities of the National Association of Securities Dealers Automated Quotation System (“NASDAQ”) and reported National Market System (“NMS”) securities.
<b>Number of Constituents</b>	Variable with at least 15 components
<b>Weighting</b>	Equal dollar weighted
<b>Review of Composition</b>	The Index is rebalanced quarterly based on closing prices on the third Friday in March, June, September and December.
<b>Effective Date of the Rebalance</b>	Rebalances are effective the opening of the first trading day after the review of composition.
<b>Calculation Frequency</b>	Price and Total Return: Every 15 seconds between 09:30 & 18:00 ET
<b>Base Date</b>	June 15, 2001
<b>Base Level</b>	500
<b>Historic Data Available Since</b>	June 15, 2001
<b>Bloomberg Code</b>	DGE <INDEX> / DGETR <INDEX>
<b>Reuters Code</b>	.DGE / .DGETR
<b>Launch Date</b>	June 15, 2001
<b>Website</b>	<a href="https://www.theice.com/market-data/indices">https://www.theice.com/market-data/indices</a>

## 2. Governance

### Index Sponsor & Administrator

ICE Data Indices, LLC (“IDI”) is the Index Sponsor and the Index Administrator.

IDI is responsible for the day-to-day management of the Index, including retaining primary responsibility for all aspects of the index determination process, including implementing appropriate governance and oversight, as required under the International Organization of Securities Commission’s Principles for Financial Benchmarks (the IOSCO Principles). The Governance Committee is responsible for helping to ensure IDI’s overall compliance with the IOSCO Principles, by performing the Oversight Function which includes overseeing the index development, design, issuance and operation of the indices, as well as reviewing the control framework. IDI is also responsible for decisions regarding the interpretation of these rules and the Governance Committee is responsible for reviewing all rule book modifications and index constituent changes with respect to the Index to ensure that they are made objectively, without bias, and in accordance with applicable law and regulation and IDI’s policies and procedures. Consequently, all IDI’s and the Governance Committee discussions and decisions are confidential until released to the public.

### Cases not covered in rules

In cases which are not expressly covered in these rules, operational adjustments will take place along the lines of the aim of the Index. Operational adjustments may also take place if, in the opinion of the Index Administrator, it is desirable to do so to maintain a fair and orderly market in derivatives on this Index and/or this is in the best interests of the investors in products based on the Index and/or the proper functioning of the markets.

Any such modifications described under this section or exercise of Expert Judgment will also be governed by any applicable policies, procedures and Guidelines in place by IDI at such time.

### Rule book changes

The Governance Committee reviews all rule book modifications and Index changes to ensure that they are made objectively, without bias and in accordance with applicable law and regulation and IDI’s policies and procedures. These rules may be supplemented, amended in whole or in part, revised or withdrawn at any time in accordance with applicable law and regulation and IDI applicable policies and procedures. Supplements, amendments, revisions and withdrawals may also lead to changes in the way the Index is compiled or calculated or affect the Index in another way.

### Limitations of the Index

All the NYSE indices produced by IDI (“the NYSE Indices”) may be subject to potential limitations, such as 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. This can affect the ability of the Administrator to maintain the required minimum number of constituents for this index. Other limitations may include the ability of the Benchmark to operate in illiquid or fragmented markets.

IDI seeks to manage and mitigate these limitations through the Benchmark design, review and oversight process.

### **3. Index Description**

The NYSE® Arca Equal Weighted Pharmaceutical Index™ (DGE) is an equal weighted index designed to represent a cross section of widely held, highly capitalized companies involved in various phases of the development, production, and marketing of pharmaceuticals. The components of the NYSE® Arca Equal Weighted Pharmaceutical Index™ (DGE) are the same as the components included in the NYSE® Arca Pharmaceutical Index™ (DRG), which is a capitalization-weighted index of the stocks of the largest companies involved in the pharmaceutical industry that NYSE Arca has published since 1992. IDI intends to maintain DGE so that the DGE continues to include the same component securities as DRG, although calculated using a different index weighting methodology. One aspect of maintaining the DRG composition (and thus DGE composition) involves ensuring adequate diversification.

As such IDI will maintain at least 15 components in the Index provided the index meets the index inclusion requirements.

## **4. Publication**

### **4.1 The opening, intraday and closing or daily publication of index values.**

#### Opening

The first index level is calculated and published around 09:30 ET, when the U.S. equity markets open for their regular trading session. The calculation of that level utilizes the most updated prices available at that moment. In the case of constituents that have a non-traded, halted or suspended status, or have not opened for the current day, the previous day's reference prices (primary exchange official closes) or estimated prices (for IPOs, buyouts and swap offers) are used.

#### Dissemination frequency

The level of the price return and gross total return indexes are in principle published every 15 seconds to the ICE Data Global Index Feed (ICE Data GIF). The calculated index levels incorporate the latest traded price of each constituent from within the regular trading session, normally 09:30 to 16:00 ET. The index only holds equities listed and traded in the U.S., and thus, intraday calculations of the index would incorporate trades on a consolidated level, from all exchanges including those not designated as the official primary exchange.

The index is calculated from 09:30 until 18:00 ET on those days specified as index business days. Index business days will be classified as days on which the U.S. Equity Markets (NYSE, NASDAQ and NYSE American) are open for a full or partial day of trading.

#### Closing level

The closing level is the last level disseminated on the trading day and uses the official close prices from the primary listing market for each constituent. For constituents that have non-traded, halted or suspended status, or have not opened for the current day, the previous day's reference prices (primary exchange official closes) or estimated prices (for IPOs, buyouts and swap offers) are used instead. In the case of exceptional market conditions, the Index Administrator reserves the right to utilize other prices in the calculation of the official closing level, as indicated below in Section 4.2.

#### Sources of Data

The Consolidated Tape (CTS/UDTF) is the primary market data source for U.S. equity real-time and closing prices. Additional sources of data less commonly used include market data vendors, company announcements, exchange announcements and other official sources.

## 4.2 Exceptional market conditions and corrections

The Index Administrator retains the right to delay the publication of the opening level of the index. Furthermore, the Index Administrator retains the right to suspend the publication of the level of the index if it believes that circumstances prevent the proper calculation of the index.

If index constituent prices are cancelled, the index will not be recalculated unless the Index Administrator decides otherwise.

Reasonable efforts are made to ensure the correctness and validity of data used in real-time index calculations. If incorrect price or corporate action data affects index daily closing values, they are corrected retroactively as soon as possible and all revisions are communicated out to the public and market data vendors.

There is the possibility of an exchange or market-wide event resulting in the normal closing auction not going off or official closing prices not being available. In those situations, the index will take guidance from the respective exchange(s) and address on an event-by-event basis. Exchange or market-wide events include, but are not limited to, the following:

- Volatility Halts
  - LULD (Limit Up / Limit Down)
  - Market Wide Circuit Breaker
- Technological Problems / Failures
- Natural Disaster or Other BCP-Related Event

## 4.3 Changes to the Index

### **Announcement policy**

Changes to the index methodology will be announced by an index announcement which will be distributed by IDI via [www.nyse.com/indices](http://www.nyse.com/indices) and NYSE Market Data at [www.nyse.com/market-data/indices](http://www.nyse.com/market-data/indices)

As a general rule, the announcement periods that are mentioned below will be applied. However, Emergency actions, including urgently required corporate action treatments, often resulting from late notices from the relevant company or exchange, may require the Index Administrator to deviate from the standard timing.

### **Inclusion of new constituents**

The inclusion of new companies in the index will typically only occur during the quarterly recompositions or rebalances, although there could be exceptions based on a specific corporate action affecting a current constituent. The inclusion of the new company will be announced at least two trading days before the effective date of the actual inclusion. For example, for a



rebalance effective before the open on March 19, 2018, the announcement would occur after the close on March 14, 2018.

### **Removal of Constituents**

Components would be removed from the index as a result of periodic corporate actions as well as the results of the quarterly rebalances. All removals will be announced at least one trading day before the effective date of the removal. It should be noted that in the case of mergers and acquisitions, every effort will be made to remove the company at some reasonable time ahead of the suspension in trading in the acquired company. There will be certain situations and corporate actions that would require the removal of a company that has already ceased trading. In those cases, the company will be removed from the index at its last traded price, or, at the discretion of the Index Administrator, at a derived price that most accurately represents its post-suspension value.

### **Corporate actions**

In case of an event that could affect one or more constituents, the Index Administrator will inform the market about the intended treatment of the event in the index shortly after the firm details have become available and have been confirmed. When possible, the corporate action will be announced, even if not all information is known, at least one trading day before the effective date of the action. Once the corporate action has been effectuated, the Index Administrator will confirm the changes in a separate announcement.

### **Rule changes**

Going forward, barring exceptional circumstances, the Index Administrator shall announce proposed Rules changes to stakeholders prior to them being implemented. Stakeholders shall also be notified of when the changes shall take effect.

### **Index Reviews**

IDI shall undertake regular reviews of the Index, the methodology and the market which it represents to ensure it continues to meet the index objective, in accordance with IDI's policies and procedures. Should changes to the Index be required or proposed, this will be communicated to stakeholders in accordance with IDI's policies and procedures.

### **Consultations**

IDI may from time to time consult with stakeholders on proposed material changes that affect the Index in accordance with IDI's policies and procedures including IDI's consultation policy: [https://www.theice.com/publicdocs/Consultation\\_Policy.pdf](https://www.theice.com/publicdocs/Consultation_Policy.pdf). Such proposals shall be published to Stakeholders and all feedback received will be considered by the Index Administrator. Any resulting changes to the Index will be announced prior to it being implemented.

### **Reconstitution/Rebalance: Publication of Results**

The new composition of the index, including the companies to be a part of the index and their corresponding new index shares, will be announced at least two trading days before the effective date and can be accessed from NYSE Market Data at [www.nyse.com/market-data/indices](http://www.nyse.com/market-data/indices).

## **5. Calculation**

### **5.1 Calculation of the price index**

The index is calculated on a Price and Gross Total Return basis. The current index level would be calculated by dividing the current modified index market capitalization by the index divisor. The divisor was determined off of the initial capitalization base of the index and the base level. The divisor is updated as a result of corporate actions and composition changes.

A full description of the formulae used to calculate Price and Gross Total Return index values can be found in the “NYSE Indices- Guide to Index Mathematics” at <https://www.nyse.com/indices/rules>.

## **6. Index rebalances**

### **6.1 General aim of rebalances and frequency**

#### **General aim of the periodical rebalance**

The general aim of the quarterly rebalance of the index is to ensure that the selection and weightings of the constituents continues to reflect as closely as possible the index's objective of identifying and selecting stocks from a particular market segment. The Index Administrator reserves the right to, at any time, change the number of stocks comprising the index by adding or deleting one or more stocks, or replacing one or more stocks contained in the index with one or more substitute stocks of its choice, if in the Index Administrator's discretion such addition, deletion or substitution is necessary or appropriate to maintain the quality and/or character of the index. Such index constituent changes are reviewed by the Governance Committee to ensure that they are made objectively, without bias and in accordance with applicable law and regulation and IDI's policies and procedures.

#### **Frequency**

Changes to the index constituents may occur during a scheduled rebalance and as a result of the removal of an index constituent.

The NYSE® Arca Equal Weighted Pharmaceutical Index™ rebalances become effective at the open of the first trading after the third Friday of March, June, September and December. The rebalance announcement will be made after the close two trading days prior to the Effective Date of the rebalance. The reference date for all company-specific data and information utilized in the rebalancing process will be taken from prices established at the close of trading on the third Friday of March, June, September and December.

### **6.2 Index universe and selection principle**

#### **Index Universe**

Development and maintenance of the component universe for the "NYSE® Arca Equal Weighted Pharmaceutical Index is undertaken by IDI. The Universe is composed of all listed equity securities that are determined by IDI to be representative of the Pharmaceutical Industry. This determination is completed using publically available information on individual security issuers as well as the industry. Also instrumental in this determination is IDI employees' expertise concerning index design and development and their knowledge surrounding index use and stakeholder feedback. IDI may change the composition of the Universe at any time to reflect the conditions of the Pharmaceutical

Industry and to ensure that the pool of component securities continues to represent the Pharmaceutical Industry, in accordance with the Index requirements.

### **Selection of constituents**

At each quarterly rebalance, the index universe will be screened utilizing the following criteria:

1. All component stocks will either be listed on the NYSE American, NYSE, or NASDAQ and reported NMS securities.
2. A minimum market value of at least \$75 million, except that no more than 10% of the weight of the index, the market value can be at least \$50 million.
3. Trading volume in each of the last six months of not less than 1,000,000 shares, except that no more than 10% of the weight of the index, the trading volume may be at least 500,000 shares in each of the last six months.
4. At least 90% of the index's numerical index value, and at least 80% of the total number of component securities, will have an observed share price of greater than \$3.00 for each of the five days prior to the rebalance reference date.
5. Underlying Foreign securities of American Depositary Receipts ("ADRs") thereon that are not subject to comprehensive surveillance agreements do not in the aggregate represent more than 20% of the weight of the index.
6. To ensure adequate diversification, IDI will maintain at least 15 components in the Index provided the index meets the index inclusion requirements.

## **6.3 Periodical update of weighting**

### **Determining constituent weightings at Quarterly Index Rebalances**

Every quarter after the close of trading on the third Friday of March, June, September and December, the Index portfolio is adjusted by changing the number of shares of each component stock so that each one again represents an approximately equal dollar amount in the Index.

The newly adjusted portfolio becomes the basis for the Index's value effective on the first trading day following the quarterly adjustments. If necessary, a divisor adjustment is made to ensure continuity of the Index's value.

## **7. Corporate Actions**

### **7.1 General**

The index may be adjusted in order to maintain the continuity of the index level and the composition. The underlying aim is that the index continues to reflect as closely as possible the index's objective of identifying and selecting stocks from a particular market segment.

Adjustments take place in reaction to events that occur with constituents in order to mitigate or eliminate the effect of that event on the index performance.

A full description of standard corporate action events and their handling can be found in the "NYSE Indices Corporate Action Handling Guide" at <https://www.nyse.com/indices/rules>.

## 8. Disclaimer

The products and services mentioned herein solely in relation to the NYSE Indices (each an “Index”) may not be available in all jurisdictions. This document does not constitute an offer of services in jurisdictions or circumstances where ICE Data Indices, LLC (“IDI”) does not have the necessary or appropriate licenses or approvals for the offering of the products and services described herein. Each Index provides a general investment strategy, does not take into account any of the specific needs or financial circumstances of any person, entity or group of persons and should not be considered investment advice. All information provided by IDI, including without limitation, any materials that describe any Index, is of general nature only.

The development or creation of any financial product that is based on, developed in connection with, or uses directly or indirectly any index of IDI, including any bi-lateral contract, fund, investment vehicle or issue of securities (an “Investable Product”), is prohibited without the prior written consent of IDI. IDI is not obligated to enter into or promote Investable Products or other transactions or investments that are linked to any ICE index or any of its constituents.

IDI receives compensation in connection with the licensing of its indices to third parties.

It is not possible to invest in an index directly. Exposure to an asset class or sector represented by an index or an interest the index seeks to measure may be available through Investable Products based on that index. IDI does not sponsor, endorse, sell, promote or manage, and has not reviewed or passed on the legality or suitability with respect to any person of, any Investable Product that is offered by third parties or any associated document, literature or publication, including without limitation, any prospectus or offering memorandum. IDI makes no assurance that Investable Products based on any Index will accurately track index performance or provide positive investment returns or not result in a loss of some or all of any investment in such Investable Products. IDI makes no representation regarding the advisability or suitability of investing in or assuming any risk in connection with any such Investable Products.

The products and services described herein may not be suitable for all purposes and for all investors and IDI makes no representation regarding (a) the level at which any Index stands at any particular time on any particular date, (b) the ability of any Index to track corresponding market performance (c) the results to be obtained by any party from the use of any Index or any data included in it for the purposes of issuing securities or carrying out any financial transaction or (d) any other matter.

A decision to invest in any Investable Product should not be made in reliance on any of the statements set forth in this document. Prospective investors should carefully consider, prior to making a decision to invest in any Investable Product, the risks associated with investing in such Investable Product, as detailed in an offering memorandum or similar document that is prepared by or on behalf of the issuer or obligor of the Investable Product and whether it

is appropriate for their purposes and circumstances. Prospective investors should consult with an attorney, tax advisor, or accounting professional regarding any specific legal, tax, or accounting situation, or the impact of making any particular investment decision. Inclusion of a security within an index is not a recommendation by IDI to buy, sell, or hold such security, nor is it considered to be investment advice.

IDI is under no obligation to maintain or calculate any Index and may cancel or cease to calculate any Index without notice, subject to applicable regulation and its policies and procedures.

IDI does not assume any obligation or duty to any party in relation to any Index and under no circumstances does IDI assume any relationship of agency or trust or of a fiduciary nature for or with any party. Any calculations or determinations in respect of any Index or any part thereof will be made by IDI in accordance with the terms of its methodology at the relevant time and acting reasonably and in good faith.

Unless otherwise indicated, these materials have been prepared solely for informational purposes based upon information generally available to the public from source(s) believed to be reliable and are subject to change without notice. No content contained in these materials (including index data, ratings, credit-related analyses and data, model, software or other application or output therefrom) or any part thereof ("Content") may be modified, reverse-engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of IDI. The Content shall not be used for any unlawful or unauthorized purposes. In no event shall IDI have any liability (whether in negligence or otherwise) to any person in connection with such person's unauthorized use of any Index or Content.

Unless otherwise indicated, for the purpose of calculating any Index, IDI has relied on publicly available sources and has not independently verified the information extracted from these sources and accepts no responsibility or liability in respect thereof. IDI, its affiliates and its third-party providers and licensors and co-branding partners (where applicable) (collectively "IDI Parties") do not guarantee that the Content is accurate, complete, timely or error free and it should not be relied upon as such. IDI Parties are not responsible for any errors, omissions, or interruptions regardless of the cause, or for the results obtained from the use of the Content. THE CONTENT IS PROVIDED ON AN "AS IS" BASIS. IDI PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES AND CONDITIONS, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM VIRUSES, BUGS, WORMS, OTHER HARMFUL COMPONENTS OR OTHER PROGRAM LIMITATIONS, SOFTWARE ERRORS OR DEFECTS, THAT THE CONTENT'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE CONTENT WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall IDI Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation,



lost income or lost profits and opportunity costs) in connection with any use of the Index and/or Content even if advised of the possibility of such damages.

Any available index returns are hypothetical and do not represent the results of actual trading of Investable Products, and as such, do not represent actual past performance and are not indicative of any specific investment. The Content (including any of the output derived from any analytic tools or models) is not intended to predict actual results, which may differ substantially from those reflected. Past performance is not necessarily indicative of future results.

Intercontinental Exchange, Inc., the ultimate parent company of IDI, keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of Intercontinental Exchange, Inc. may have information that is not available to other business units. IDI has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process. There is no obligation on IDI to disclose information held by it in relation to any Index to other parties.

The various businesses of Intercontinental Exchange, Inc. provide a wide range of products and services to a diverse group of clients and, as such, Intercontinental Exchange, Inc. faces potential conflicts of interest in the ordinary course of its business. Intercontinental Exchange, Inc. may be acting in a number of capacities in connection with Investable Products or other transactions entered into in relation to IDI. Intercontinental Exchange, Inc., acting in such capacities in connection with such transactions, shall have only the duties and responsibilities expressly agreed to by it in its relevant capacity and shall not, by virtue of its acting in any other capacity, be deemed to have other duties or responsibilities or be deemed to hold a standard of care other than as expressly provided with respect to each such capacity. IDI has established policies and procedures designed to identify and address conflicts of interest.

In addition, Intercontinental Exchange, Inc. provides a wide range of services to, or relating to, many organizations, including issuers of securities, investment advisers, broker-dealers, investment banks, other financial institutions and financial intermediaries, and accordingly may receive fees or other economic benefits from those organizations, including organizations whose securities may form part of any index or other evaluation IDI carries out.

**ABOUT INTERCONTINENTAL EXCHANGE** Intercontinental Exchange, Inc. (NYSE:ICE) operates a leading network of exchanges and clearing houses. ICE's exchanges and clearing houses, which include the New York Stock Exchange, serve global commodity and financial futures and equities markets. The New York Stock Exchange is the world leader in capital raising and equities trading. ICE is a leading provider of data services across global markets. Trademarks of ICE and/or its affiliates include Intercontinental Exchange, ICE, ICE block design, NYSE, New York Stock Exchange, and Interactive Data. Information regarding additional trademarks and intellectual property rights of Intercontinental Exchange, Inc.

and/or its affiliates is located at <https://www.intercontinentalexchange.com/terms-of-use>. Other products, services or company names mentioned herein are the property of, and may be the service mark or trademark of, their respective owners.

**ABOUT ICE DATA SERVICES** ICE Data Services is part of Intercontinental Exchange (NYSE: ICE) and offers end-to-end solutions for information, analytics index services and connectivity, with a range of proprietary data and tools for global markets across fixed income, equities, commodities, FX and options.

ICE Data Services is the marketing name used for ICE Data Services, Inc. and its subsidiaries globally, including ICE Data Pricing & Reference Data, LLC, Interactive Data (Europe) Ltd. and ICE Data Services Australia Pty Ltd. ICE Data Services is also the marketing name used for ICE Data Derivatives, Inc. and its subsidiaries globally, ICE Data Indices, LLC and certain other data products and services offered by other subsidiaries of Intercontinental Exchange, Inc. (NYSE:ICE).