

NASDAQ US Broad Dividend Achievers® Index Methodology

Index Description

The NASDAQ US Broad Dividend Achievers Index is comprised of US accepted securities with at least ten consecutive years of increasing annual regular dividend payments.

Index Calculation

The NASDAQ US Broad Dividend Achievers Index is a modified market capitalization weighted index. The value of the Index equals the aggregate value of the Index share weights, also known as the Index Shares, of each of the Index Securities multiplied by each such security's Last Sale Price¹, and divided by the divisor of the Index. The divisor serves the purpose of scaling such aggregate value to a lower order of magnitude which is more desirable for Index reporting purposes. The Index began on December 5, 2003 at a base value of 1111.36159498762.

The formula for index value is as follows:

$$\text{Aggregate Adjusted Market Value/Divisor}$$

The formula for the divisor is as follows:

$$(\text{Market Value after Adjustments/Market Value before Adjustments}) \times \text{Divisor before Adjustments}$$

Six versions of the Indexes are calculated:

- The price return index in USD (Nasdaq: DAA) is ordinarily calculated without regard to cash dividends on Index Securities.
- The total return index in USD (Nasdaq: DAATR) reinvests cash dividends on the ex-date.
- The notional net return index in USD (NASDAQ: DAANTR) is designed to reflect a net total return index reinvesting 70% of cash dividends and factors in a deduction based on an indicative 30% tax rate. The notational net total return index in USD began on July 24, 2017 at a base value of 1000.00.
- The price return index in CAD (Nasdaq: DAACAD) is ordinarily calculated without regard to cash dividends on Index Securities. The price return index in CAD began on July 24, 2017 at a base value of 1000.00.
- The total return index in CAD (Nasdaq: DAACADTR) reinvests cash dividends on the ex-date. The total return index in CAD began on July 24, 2017 at a base value of 1000.00.
- The notional net return index in CAD (NASDAQ: DAACADNTR) is designed to reflect a net total return index reinvesting 70% of cash dividends and factors in a deduction

¹ For purposes of this document, Last Sale Price refers to the last regular way trade reported on such security's Index Market. The Index Market is the listing market for which prices are received and used by Nasdaq in the Index calculation and generally will represent the most liquid trading market of the Index Security. If a security does not trade on its Index Market on a given day or the Index Market has not opened for trading, the most recent last sale price from the Index Market (adjusted for corporate actions, if any) is used. For securities where Nasdaq is the Index Market, the Last Sale Price may be the Nasdaq Official Closing Price (NOCP) when Nasdaq is closed.

based on an indicative 30% tax rate. The notational net total return index in CAD began on July 24, 2017 at a base value of 1000.00.

All Indexes reflect extraordinary cash distributions.

The Indexes are calculated and disseminated once per second from 9:30:01 to 17:16:00 Eastern Time (ET) in USD. The closing value of the Index(es) may change up until 17:15:00 ET due to corrections to the Last Sale Price of the Index Securities.

Eligibility

Index eligibility is limited to specific security types only. The security types eligible for the Index include common stocks, limited partnership interests, shares or units of beneficial interest and shares of limited liability companies.

Eligibility Criteria

To be eligible for inclusion in the Index a security must meet the following criteria:

- be included in the NASDAQ US Benchmark Index (NQUSB) except for limited partnerships;
- limited partnerships must be listed on the Nasdaq Stock Market® (Nasdaq®), the New York Stock Exchange, NYSE American, or the CBOE Exchange;
- have a minimum three-month average daily dollar trading volume of \$1 million;
- have at least ten consecutive years of increasing annual regular dividends based on ex-date;
- one security per issuer is permitted. If an issuer has multiple securities, the security with the highest three-month average daily dollar trading volume will be selected for possible inclusion into the Index;
- may not have entered into a definitive agreement or other arrangement which would likely result in the security no longer being Index eligible; and
- may not be issued by an issuer currently in bankruptcy proceedings.

Index Evaluation

The Index Securities are evaluated annually in March. The above Eligibility Criteria are applied using market data through the end of December. Securities meeting the criteria are included in the Index. Security additions and deletions are made effective after the close of trading on the third Friday in March.

Additionally, if at any time during the year other than the Evaluation, an Index Security no longer meets the Eligibility Criteria, or is otherwise determined to have become ineligible for inclusion in the Index, the security is removed from the Index and is not replaced. At each month-end, if an Index Security suspends or decreases its dividend payments greater than or equal to 50% based on the prior ex-date of the last dividend distributed, then the Index Security will be removed from the Index after the close of trading on the third Friday of the following month. In all cases, a security is removed from the Index at its Last Sale Price. If, however, at the time of its removal the Index Security is halted from trading on its primary listing market and an official closing price cannot readily be determined, the Index Security may, in Nasdaq's discretion, be removed at a zero price. The zero price will be applied to the Index Security after the close of the market but prior to the time the official closing value of the Index is disseminated, which is ordinarily 17:16:00 ET.

Index Maintenance

Changes in the price and/or Index Shares driven by corporate events such as stock dividends, stock splits and certain spin-offs and rights issuances are adjusted on the ex-date. If the change in total shares outstanding arising from other corporate actions is greater than or equal to 10.0%, the change is made as soon as practicable. Otherwise, if the change in total shares outstanding is less than 10.0%, then all such changes are accumulated and made effective at one time on a quarterly basis after the close of trading on the third Friday in March, June, September and December, respectively. Intraquarter, the Index Shares are adjusted by the same percentage amount by which the total shares outstanding have changed.

A special cash dividend announced by the listing exchange, will result in an adjustment to the Last Sale Price of an Index Security prior to market open on the ex-date for the special amount distributed. A special dividend may also be referred to as extra, extraordinary, non-recurring, one-time, unusual, etc.

Ordinarily, whenever there is a change in Index Shares, a change in an Index Security or a change to the price of an Index Security due to spin-offs, rights issuances or special cash dividends as mentioned above, the divisor is adjusted to ensure that there is no discontinuity in the value of the Index which might otherwise be caused by any such change. All changes are announced in advance and are reflected in the Index prior to market open on the Index effective date.

Index Rebalancing

The Index employs a modified market capitalization weighted methodology. At each quarter, the Index is rebalanced such that the maximum weight of any Index Security does not exceed 4%. The excess weight of any capped security is distributed proportionally across the remaining Index Securities.

The modified market capitalization weighted methodology is applied to the capitalization of each Index Security, using the Last Sale Price of the security at the close of trading on the last trading day in February, May, August and November. Index Shares are then calculated multiplying the weight of the security derived above by the new market value of the Index and dividing the modified market capitalization for each Index Security by its corresponding Last Sale Price. The changes are effective after the close of trading on the third Friday in March, June, September and December.

Nasdaq may, from time to time, exercise reasonable discretion as it deems appropriate in order to ensure Index integrity.