



NDXESG™ Index Objectives

- Reduce the degree to which the portfolio's economic value is at risk because of Environmental, Social, and Governance (ESG) factors, or more technically, aim to significantly improve the portfolio's ESG score;
- Exclude enterprises that create reputational risks or violate fundamental values;
- Eliminate business exposures that are off-limit for most ESG-conscious investors and
- Aim to deliver similar performance to the Nasdaq-100® (NDX®) (very low tracking error).



NDXESG Index Mechanics

- At all times, the Nasdaq-100 ESG™ Index (NDXESG™) consists of a selection of securities
 in the Nasdaq-100 Index®.
- The Nasdaq-100 Index is reconstituted annually in December.
- The ESG characteristics of the underlying issuers are re-evaluated each quarter (March, June, September, and December). Hence, there is an NDXESG reconstitution and rebalance each quarter.
- Securities removed from the Nasdaq-100 Index outside of a reconstitution are removed from the Nasdaq-100 ESG Index and are not replaced.



NDXESG Weighting Scheme

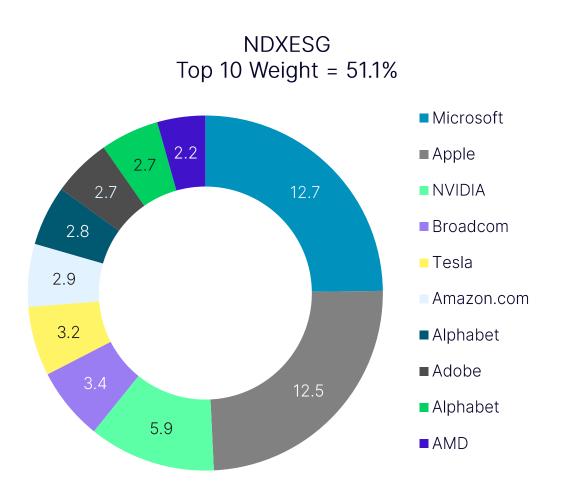
- The Nasdaq-100 ESG Index is a modified market capitalization-weighted index that considers a company's ESG Risk Rating Score as an adjustment factor.
- Two factors play into the index weight of an issuer:
 - The Nasdaq-100 Market Value, and
 - The ESG Risk Rating Score.
- In general, for each issuer:
 - Everything else equal, the higher the weight in the Nasdaq-100 and/or the better ESG risk rating, the higher the weight in the NDXESG Index, and vice versa.

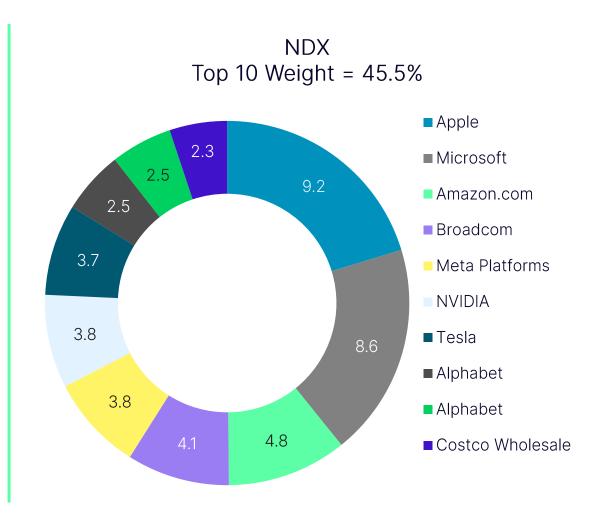


NDXESG™ ESG Exclusions: 7

| Symbol | Company Name | ICB Industry | Nasdaq-100 ESG: Reason for Exclusion | Nasdaq-100® Weight (%) | |
|--------|-------------------------|--------------|---|------------------------|--|
| HON | Honeywell International | Industrials | Revenue from military contracting weapons. Involvement in Controversial Weapons: Tailor-made and essential. | 1.10 | |
| ADI | Analog Devices | Technology | Revenue from military contracting weapon-related products and/or services. | 0.78 | |
| AEP | American Electric Power | Utilities | Revenue from thermal coal power generation, nuclear production, and oil & gas generation. | 0.34 | |
| CEG | Constellation Energy | Utilities | Revenue from nuclear production and oil & gas generation. | 0.30 | |
| BKR | Baker Hughes | Energy | Revenue from oil & gas supporting products/services. | 0.27 | |
| XEL | Xcel Energy | Utilities | Revenue from thermal coal power generation, nuclear production, oil & gas production, and oil & gas generation. | 0.27 | |
| FANG | Diamondback Energy | Energy | Revenue from oil & gas production. Involvement in shale energy extraction and/or production. | 0.22 | |

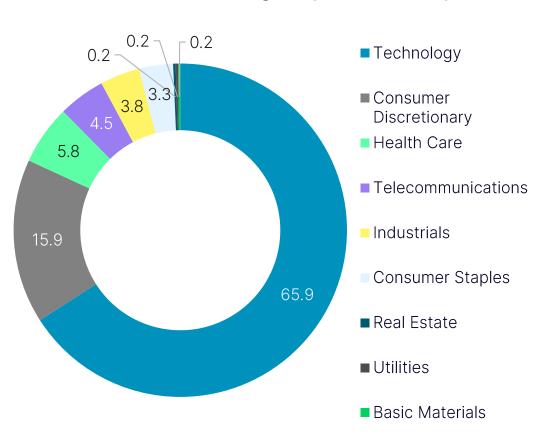
Top 10 Constituents by Index Weight (%)



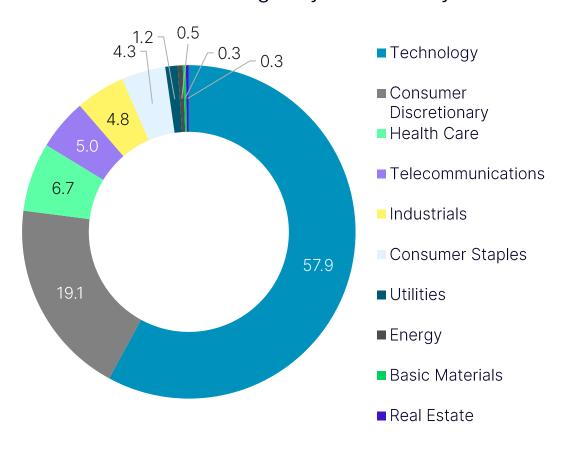


Sector Exposure by Index Weight (%)

NDXESG Index Weight by ICB Industry

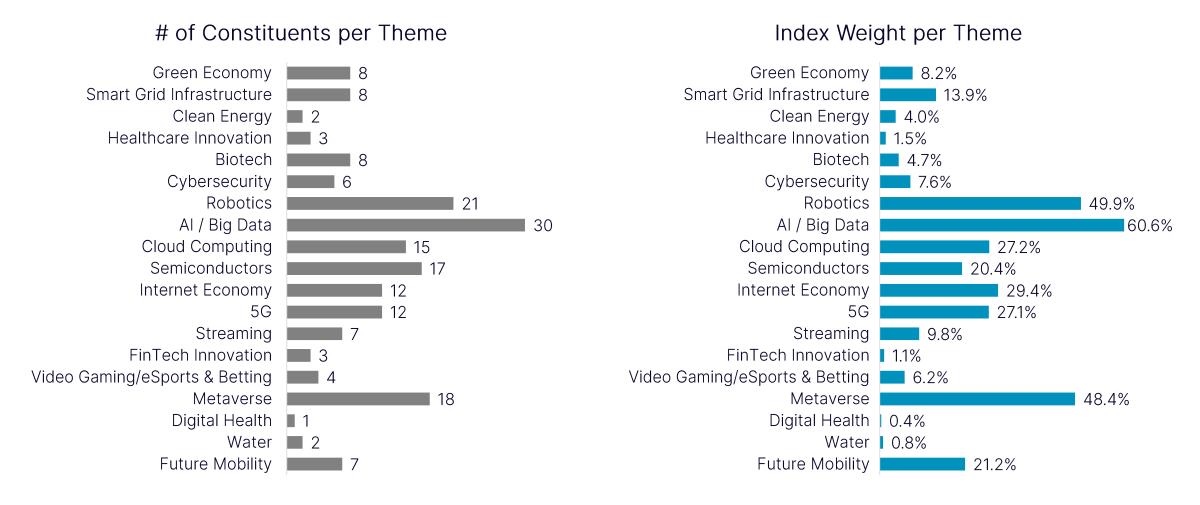


NDX Index Weight by ICB Industry

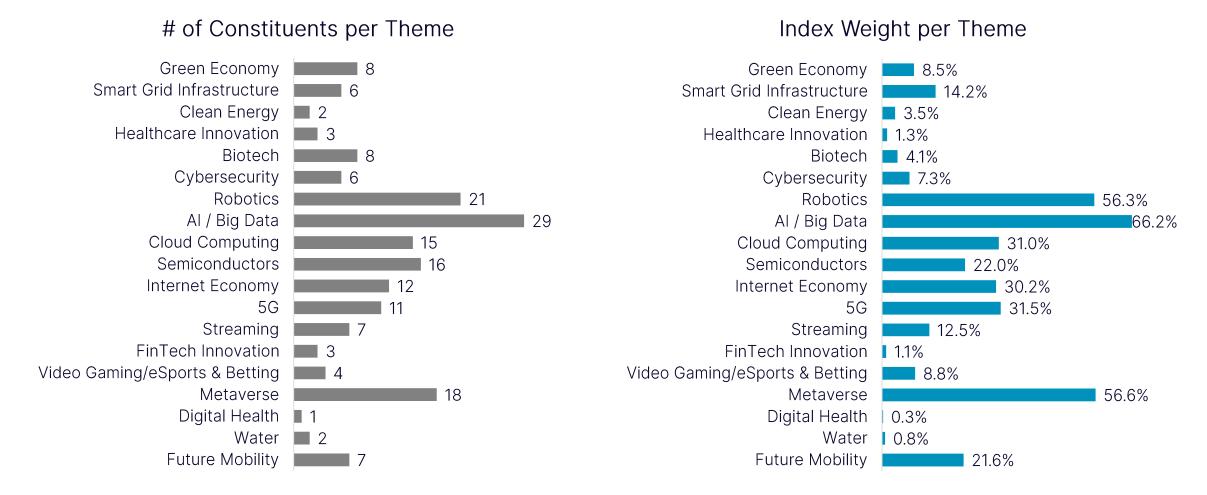




Nasdaq-100 by Thematic Exposure



Nasdaq-100 ESG by Thematic Exposure



Top 10 Largest Overweights: NDXESG vs NDX

| Symbol | Company Name | ICB Industry | Nasdaq-100 ESG Weight (%) | Nasdaq-100 Weight (%) | Difference Weight (%) |
|--------|-------------------|--------------------|---------------------------|-----------------------|-----------------------|
| MSFT | Microsoft | Technology | 12.7 | 8.6 | 4.1 |
| AAPL | Apple | Technology | 12.5 | 9.2 | 3.3 |
| NVDA | NVIDIA | Technology | 5.9 | 3.8 | 2.1 |
| ADBE | Adobe | Technology | 2.7 | 2.2 | 0.6 |
| CSCO | Cisco Systems | Telecommunications | 2.0 | 1.6 | 0.4 |
| AMD | AMD | Technology | 2.2 | 1.9 | 0.3 |
| AMAT | Applied Materials | Technology | 1.4 | 1.1 | 0.3 |
| GOOGL | Alphabet | Technology | 2.8 | 2.5 | 0.2 |
| GOOG | Alphabet | Technology | 2.7 | 2.5 | 0.2 |
| ASML | ASML Holding | Technology | 0.8 | 0.5 | 0.2 |

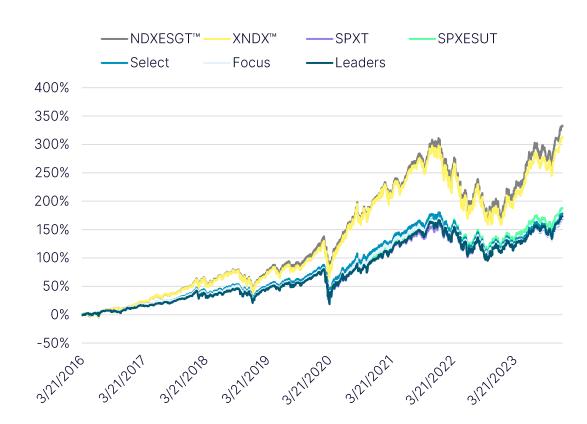


Top 10 Largest Underweights: NDXESG vs NDX

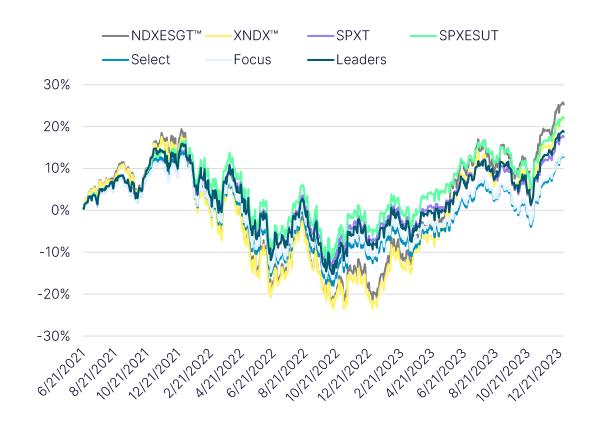
| Symbol | Company Name | ICB Industry | Nasdaq-100 ESG Weight (%) | Nasdaq-100 Weight (%) | Difference Weight (%) |
|--------|------------------|------------------------|---------------------------|-----------------------|-----------------------|
| META | Meta Platforms | Technology | 1.6 | 3.8 | -2.3 |
| AMZN | Amazon.com | Consumer Discretionary | 2.9 | 4.8 | -1.9 |
| COST | Costco Wholesale | Consumer Discretionary | 1.5 | 2.3 | -0.8 |
| AVGO | Broadcom | Technology | 3.4 | 4.1 | -0.8 |
| TSLA | Tesla | Consumer Discretionary | 3.2 | 3.7 | -0.4 |
| TMUS | T-Mobile US | Telecommunications | 1.1 | 1.5 | -0.4 |
| PDD | PDD Holdings | Technology | 0.4 | 0.8 | -0.4 |
| MNST | Monster Beverage | Consumer Staples | 0.2 | 0.5 | -0.3 |
| PEP | PepsiCo | Consumer Staples | 1.6 | 1.9 | -0.3 |
| CMCSA | Comcast | Telecommunications | 1.1 | 1.4 | -0.3 |

Performance – NDXESG vs. NDX

Since Beginning of NDXESG Backtest 3/21/2016 – 12/29/2023



Since NDXESG Inception 6/21/2021 – 12/29/2023



ESG Comparisons – NDXESG/NDX

| | | # of Socurities % Exclusion from | | Sustainalytics ESG Risk Score | | |
|--|-------------|----------------------------------|---------------|-------------------------------|----------------|--|
| Index Name | Benchmark | # of Securities | the Benchmark | Weighted Average | Simple Average | |
| Nasdaq-100 Index® | | 101 | | 20.4 | 20.2 | |
| Nasdaq-100 ESG™ Index | Nasdaq-100® | 94 | 7% | 18.7 | 19.7 | |
| MSCI USA Index | | 609 | | 21.4 | 21.7 | |
| MSCI USA Extended ESG Focus Index | MSCI USA | 286 | 53% | 20.6 | 20.7 | |
| MSCI USA Extended ESG Leaders Index | MSCI USA | 283 | 54% | 19.2 | 20.0 | |
| MSCI USA ESG Universal Select Business Screens Index | MSCI USA | 568 | 7% | 19.8 | 21.1 | |
| S&P 500 Index | | 503 | | 21.5 | 21.6 | |
| S&P 500 ESG Index | S&P 500 | 316 | 37% | 20.4 | 20.6 | |

RESOURCES



RESOURCES

Nasdaq-100 ESG Index (NDXESG)

- Overview
 - https://indexes.nasdaqomx.com/Index/Overview/NDXESG
- Methodology
 - https://indexes.nasdaqomx.com/docs/methodology_NDXESG.pdf
- Research
 - https://indexes.nasdaqomx.com/docs/NDXESG_Research.pdf
- Fact Sheet
 - https://indexes.nasdagomx.com/docs/FS_NDXESGT.pdf
- Carbon Credit Report
 - NDXESG: https://indexes.nasdaqomx.com/docs/Carbon%20Footprint%20Report%20-%20NDXESG.pdf
 - NDX: https://indexes.nasdaqomx.com/docs/Carbon%20Footprint%20Report%20—%20NDX.pdf





NDXESG Exclusions Based on ESG risk

Companies with a "Severe" ESG Risk Rating are automatically disqualified from inclusion.

• A rating of greater than 40 is considered "Severe"; 30-40 is considered "High"; 20-30 is "Medium"; 10-20 is "Low"; and 0-10 is "Negligible".

Exclude any company that has not been researched yet.

NDXESG Exclusions Based on ESG risk – continued

- Exclude any company that has a controversy score equal to 5:
 - The controversy rating reflects:
 - Incidents with negative Environmental, Social, and Governance (ESG) implications.
 - A company's level of involvement in and how it manages these issues.
 - Categorical scores are on a scale of 1 to 5.

Source: Nasdaq Global Indexes

NDXESG Exclusions Based on International Norms

- A company must not violate the *United Nations Global Compact*:
 - 10 principles around human rights, labor, environment, and anti-corruption.
 - https://www.unglobalcompact.org/what-is-gc/mission/principles
- Securities are excluded from NDXESG that are classified as non-compliant.
 - Each company in the index is therefore classified as either compliant or on the watch-list with the UN Global Compact framework for following international norms.

NDXESG Exclusions Based on Business Involvements

Business Involvements Considered*:

- Energy (Arctic Oil & Gas; Nuclear Power; Oil & Gas; Oil Sands; Shale Energy; Thermal Coal)
- 2. Health & Life (Alcohol; Recreational Cannabis; Tobacco)
- Defense & Military (Controversial weapons; Military Contracting; Riot Control; Small Arms)
- 4. Values-Based (Adult Entertainment; Gambling)

NDXESG Weighting Scheme

$$ESG\ Risk - Adjusted\ NDX\ Market\ Value = \frac{40 - ESG\ Risk\ Rating\ Score}{40} \times NDX\ Market\ Value$$

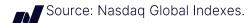
- Initial security weights are calculated by dividing a security's ESG Risk-Adjusted NDX Market Value by the sum of the ESG Risk-Adjusted NDX Market Values of all Index Securities.
- Afterwards, the same four-stage weight adjustment process as exists for NDX at its annual reconstitution is applied to produce final weights on a quarterly basis for NDXESG.

NDXESG Weighting Scheme – continued

For Illustrative Purposes Only.

The information included on this slide is not based on actual data.

| Security | Parent Index Market Value | ESG Risk Rating | (40-ESG Risk | ESG Adjusted Market Value | Weight in ESG | Weight in Parent | ESG Excess |
|-----------|------------------------------|--------------------|-----------------|------------------------------|---------------|---------------------|---------------|
| | | Score | Rating | | Index | Index | Weight |
| | | | Score)/40 | | (before | | |
| Company A | 157,440,900.96 | 9.669091 | 0.76 | 119,383,139.64 | capping) 5% | 2% | 3% |
| Company B | 408,425,550.79 | 10.14988 | 0.76 | 304,788,747.93 | 12% | 5% | 7% |
| | | | | , , | | | |
| Company C | 466,765,510.49 | 10.33926 | 0.74 | , , | 14% | 6% | 8% |
| Company D | 337,399,212.20 | 10.56613 | 0.74 | | 10% | 4% | 6% |
| Company E | 36,052,270.56 | 12.02819 | 0.70 | 25,211,182.25 | 1% | 0% | 1% |
| Company F | 590,398,129.57 | 16.18527 | 0.60 | 351,504,303.67 | 14% | 7% | 7% |
| Company G | 268,545,835.16 | 19.19268 | 0.52 | 139,692,956.82 | 6% | 3% | 2% |
| Company H | 311,917,708.29 | 20.84302 | 0.48 | 149,385,045.36 | 6% | 4% | 2% |
| Company I | 547,470,308.53 | 22.79236 | 0.43 | 235,516,830.87 | 10% | 7% | 3% |
| Company J | 24,733,442.74 | 24.69826 | 0.38 | 9,461,619.64 | 0% | 0% | 0% |
| Company K | 435,838,825.61 | 27.38121 | 0.32 | 137,493,977.85 | 6% | 5% | 0% |
| Company L | 118,577,295.32 | 27.73561 | 0.31 | 36,356,957.07 | 1% | 1% | 0% |
| Company M | 307,719,744.86 | 28.36004 | 0.29 | 89,546,103.32 | 4% | 4% | 0% |
| Company N | 441,090,355.41 | 33.1488 | 0.17 | 75,549,938.88 | 3% | 6% | -2% |
| Company O | 834,726,757.15 | 35.35263 | 0.12 | 96,982,201.14 | 4% | 10% | -7% |
| Company P | 550,834,597.82 | 37.24048 | 0.07 | 38,001,025.35 | 2% | 7% | -5% |
| Company Q | 269,359,777.85 | 37.4192 | 0.06 | 17,379,073.33 | 1% | 3% | -3% |
| Company R | 844,981,656.98 | 38.72938 | 0.03 | 26,841,302.95 | 1% | 11% | -10% |
| Company S | 359,845,558.64 | 39.02818 | 0.02 | 8,742,612.50 | 0% | 5% | -4% |
| Company T | 646,652,051.08 | 39.70698 | 0.01 | 4,736,994.67 | 0% | 8% | -8% |



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