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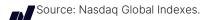
Innovation Meets Sustainability

Nasdaq-100 ESG[™] Index

June 2023

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 rebalancing *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.

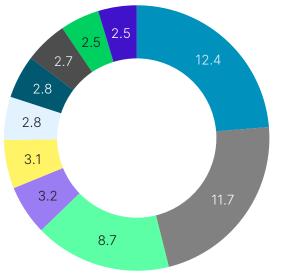


Exclusions June 2023: NDXESG[™] - 9

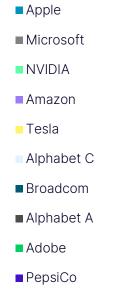
Symbol	Nasdaq-100 ESG Reason for Exclusion	Nasdaq-100® Weight (%)	Company Name	ICB Industry
HON	Revenue from military contracting weapons. Involvement in Controversial Weapons: Tailor-made and essential.	0.9	Honeywell International	Industrials
ADI	Revenue from military contracting weapon-related products and/or services.	0.6	Analog Devices	Technology
AEP	Revenue from thermal coal power generation, nuclear production, and oil & gas generation.	0.3	American Electric Power Company	Utilities
GEHC	ESG Risk Rating Score has not yet been determined.	0.2	GE HealthCare Technologies Inc	Health Care
XEL	Revenue from thermal coal power generation, nuclear production, oil & gas production, and oil & gas generation.	0.2	Xcel Energy	Utilities
BKR	Revenue from oil & gas supporting products/services.	0.2	Baker Hughes Co.	Energy
CEG	Revenue from nuclear production and oil & gas generation.	0.2	Constellation Energy Corp	Utilities
WBD	ESG Risk Rating Score has not yet been determined.	0.2	Warner Bros Discovery Inc.	Consumer Discretionary
FANG	Revenue from oil & gas production. Involvement in shale energy extraction and/or production.	0.2	Diamondback Energy Co.	Energy

Data as of EOD 6/30/2023. Sources: Sustainalytics, Nasdaq Global Indexes.

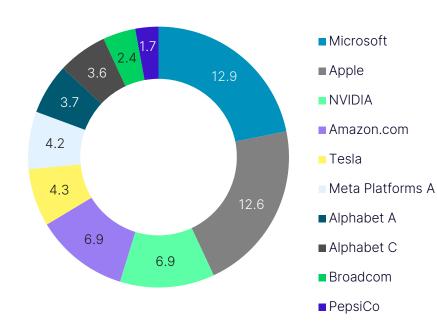
Top 10 Constituents: NDXESG vs NDX



NDXESG: Top 10 Weight = 52.3%



NDX: Top 10 Weight = 59.2%



Data as of EOD 6/30/2023 Source: Nasdaq Global Indexes.

6

Sector Exposures: NDXESG vs NDX

Data as of EOD 6/30/2023. Source: Nasdaq Global Indexes.

NDXESG Index Weight (%) by ICB Industry 1.0 \ 0.5 3.5 \ / 0.2_0.2 Technology Technology 0.3 0.2 0.2 Consumer Consumer 0.3 Discretionary Discretionary Health Care Health Care 4.0 3.9 4.1 4.0 5.1 Telecommunications Telecommunications 5.7 6.3 Consumer Staples Industrials Consumer Staples Industrials 19.3 16.4 Utilities Utilities 61.7 63.3 ■ Real Estate Energy Real Estate Basic Materials Basic Materials Energy

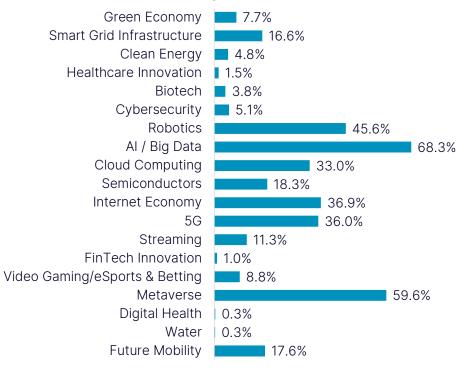
NDX Index Weight (%) by ICB Industry

7

Nasdaq-100 by Thematic Exposures

of Constituents per Theme Green Economy 8 Smart Grid Infrastructure 9 Clean Energy 4 Healthcare Innovation 4 Biotech 9 Cybersecurity 6 Robotics 19 AI / Big Data 26 Cloud Computing 14 Semiconductors 17 Internet Economy 15 5G 13 Streaming 7 FinTech Innovation 3 Video Gaming/eSports & Betting 4 Metaverse 16 Digital Health Water 1 Future Mobility 5

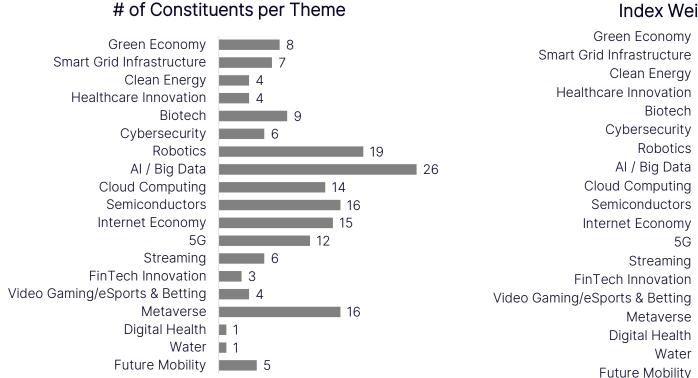
Index Weight per Theme



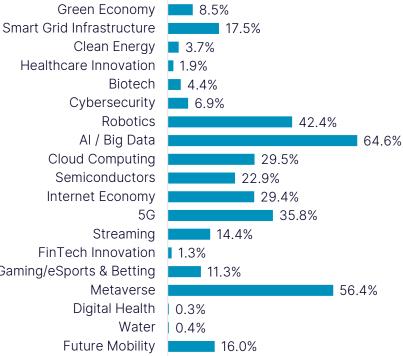
Source: Nasdag, FactSet. Data as of 6/30/2023.

Based on overlap with existing Nasdaq Thematic Indexes, except for 5G, Streaming, and Video Gaming/eSports & Betting where competitor products were analyzed.

Nasdaq-100 ESG by Thematic Exposures



Index Weight per Theme



Source: Nasdaq, FactSet. Data as of 6/30/2023.

Based on overlap with existing Nasdaq Thematic Indexes, except for 5G, Streaming, and Video Gaming/eSports & Betting where competitor products were analyzed.

Top 10 Largest Overweights: NDXESG vs NDX

Symbol	Nasdaq-100 ESG Weight (%)	Nasdaq-100 Weight (%)	Difference Weight (%)	Company Name	ICB Industry
NVDA	8.7	6.9	1.8	NVIDIA	Technology
CSCO	2.4	1.4	1.0	Cisco Systems	Telecommunications
ADBE	2.5	1.5	1.0	Adobe	Technology
PEP	2.5	1.7	0.8	PepsiCo	Consumer Staples
NFLX	1.9	1.3	0.6	Netflix	Consumer Discretionary
AMAT	1.4	0.8	0.6	Applied Materials	Technology
QCOM	1.4	0.9	0.5	QUALCOMM	Technology
INTU	1.3	0.9	0.4	Intuit	Technology
ASML	0.8	0.4	0.4	ASML Hold NY Reg	Technology
ADP	1.0	0.6	0.4	Automatic Data Processing	Industrials

Data as of EOD 6/30/2023. Source: Nasdaq Global Indexes.

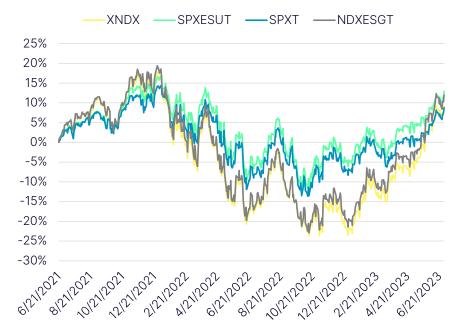
Top 10 Largest Underweights: NDXESG vs NDX

Symbol	Nasdaq-100 ESG Weight (%)	Nasdaq-100 Weight (%)	Difference Weight (%)	Company Name	ICB Industry
AMZN	3.2	6.9	-3.7	Amazon.com	Consumer Discretionary
META	1.4	4.2	-2.8	Meta Platforms A	Technology
MSFT	11.7	12.9	-1.2	Microsoft	Technology
TSLA	3.1	4.3	-1.2	Tesla	Consumer Discretionary
GOOGL	2.7	3.7	-1.0	Alphabet A	Technology
GOOG	2.8	3.6	-0.9	Alphabet C	Technology
AAPL	12.4	12.6	-0.2	Apple	Technology
КНС	0.1	0.3	-0.2	Kraft Heinz	Consumer Staples
MCHP	0.2	0.3	-0.2	Microchip Technology	Technology
MNST	0.3	0.4	-0.1	Monster Beverage	Consumer Staples

Data as of EOD 6/30/2023. Source: Nasdaq Global Indexes.

Performance – NDX vs. NDXESG

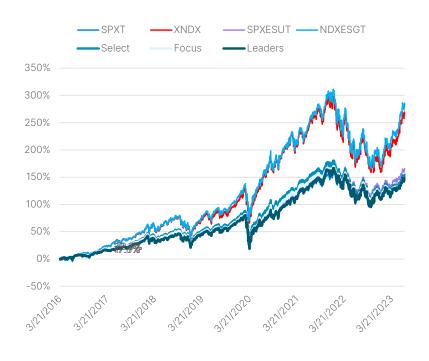
Since Inception 6/21/2021 – 6/30/2023



*XNDX: Nasdaq-100 TR; NDXESGT: Nasdaq-100 ESG TR; SPXESUT: S&P 500 ESG Index TR; SPXT: S&P 500 TR; Select: MSCI USA ESG Universal Sel Business Screens TR; ; Focus: MSCI USA Extended ESG Focus TR; Leaders: MSCI USA Extended ESG Leaders TR

Total Return Data as of 6/30/2023. Source: Nasdaq Global Indexes, FactSet, Bloomberg.

Since Beginning of Backtest 3/21/2016 – 6/30/2023



ESG Comparisons – NDXESG/NDX

Index	Benchmark	Number of Securities	% Exclusion from the Benchmark	Weighted Average Sustainalytics ESG Risk Score	Simple Average Sustainalytics ESG Risk Score
MSCI USA Index		627	n/a	21.4	21.7
MSCI USA Extended ESG Focus Index	MSCI USA Index	300	52%	20.6	20.8
MSCI USA Extended ESG Leaders Index	MSCI USA Index	296	53%	19.3	19.9
MSCI USA ESG Universal Select Business Screens Index	MSCI USA Index	584	7%	19.9	21.2
Nasdaq-100 Index		101	n/a	20.2	20.3
Nasdaq-100 ESG Index	Nasdaq-100 Index	92	9%	18.4	19.7
S&P 500 Index		503	n/a	21.4	21.8
S&P 500 ESG Index	S&P 500 Index	321	36%	20.4	20.7

RESOURCES

N

RESOURCES Nasdaq-100 ESG Index (NDXESG)

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

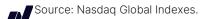
Source: Nasdaq Global Indexes.

APPENDIX

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APPENDIX 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.



APPENDIX 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.



APPENDIX 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.

APPENDIX NDXESG Exclusions Based on Business Involvements

Business Involvements Considered:

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



APPENDIX NDXESG Weighting Scheme

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

- 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.

APPENDIX NDXESG Weighting Scheme – continued

	Security	Parent Index Market Value	ESG Risk Rating Score	(40-ESG Risk Rating Score)/40	ESG Adjusted Market Value	Weight in ESG Index (before	Weight in Parent Index	ESG Excess Weight
						capping)		
	Company A	157,440,900.96	9.669091	0.76	119,383,139.64	5%	2%	3%
	Company B	408,425,550.79	10.14988	0.75	304,788,747.93	12%	5%	7%
Tou Ille studies	Company C	466,765,510.49	10.33926	0.74	346,115,277.80	14%	6%	8%
For Illustrative	Company D	337,399,212.20	10.56613	0.74	248,274,134.49	10%	4%	6%
Purposes Only.	Company E	36,052,270.56	12.02819	0.70	25,211,182.25	1%	0%	1%
r arposes only.	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%
The information	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%
included on this	Company J	24,733,442.74	24.69826	0.38	9,461,619.64	0%	0%	0%
slide is not based on	Company K	435,838,825.61	27.38121	0.32	137,493,977.85	6%	5%	0%
Shue is not bused on	Company L	118,577,295.32	27.73561	0.31	36,356,957.07	1%	1%	0%
actual data.	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%
Source: Nasdag Global Indexes	Company T	646,652,051.08	39.70698	0.01	4,736,994.67	0%	8%	-8%

Source: Nasdaq Global Indexes.

22

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