

## Description

The S&P 500 ESG Index is a broad-based, market-cap-weighted index that is designed to measure the performance of securities meeting sustainability criteria, while maintaining similar overall industry group weights as the S&P 500.

## Index Attributes

The S&P 500 ESG Index was constructed to provide a risk and return profile similar to that of the S&P 500, while improving ESG characteristics. The index targets 75% of the float market capitalization of each GICS® industry group within the S&P 500, using the S&P DJI ESG Scores for constituent selection. Certain exclusions are also made based on criteria detailed in the methodology. The S&P DJI ESG Scores employ data gathered through SAM's Corporate Sustainability Assessment (CSA), which SAM has developed and administered over 20 years.

## Methodology Construction

- **Universe.** Constituents must be part of the S&P 500.
- **Exclusions.** Companies with the following specific business activities, and/or companies with disqualifying United Nations Global Compact (UNGC) scores, are excluded from the eligible universe.
  - **Thermal Coal.** Companies that either extract or generate electricity from thermal coal accounting for greater than 5% of their revenue.
  - **Tobacco.** Companies that either directly, or via an ownership stake of 25% or more in another company:
    - Produce Tobacco
    - Have Tobacco sales accounting for greater than 10% of their revenue
    - Have tobacco-related products and services accounting for greater than 10% of their revenue
  - **Controversial Weapons.** Companies that either directly, or via an ownership stake of 25% or more in another company, are involved with:
    - Cluster weapons
    - Landmines (anti-personnel mines)
    - Biological or chemical weapons
    - Depleted uranium weapons
    - White phosphorus weapons
    - Nuclear weapons
  - **Low UNGC Score.** All companies at or below the bottom 5% of the UNGC score universe globally are ineligible.
  - **ESG Score.** In addition, companies with an S&P DJI ESG Score that falls within the worst 25% of ESG scores from each global GICS industry group are excluded from any index. The global universe for this categorization is defined as the union of the S&P Global LargeMidCap and S&P Global 1200 as of the end of March of the prior year.
- **Index Construction.** The selection of index constituents from the eligible universe is done as follows.
  1. For each GICS industry group, companies are selected in decreasing order of ESG score, until 65% of the universe's float-adjusted market capitalization (FMC) is reached.
  2. For each GICS industry group, existing companies ranked between 65% and 85% are selected to get as close as possible to the target 75% of FMC.
  3. If the combined FMC of selected companies is not above the 75% FMC target, companies not already selected from the eligible universe may be added in decreasing order of ESG score to get as close as possible to the 75% FMC target. This process will stop when the addition of the next eligible company would result in the total FMC of the relevant GICS industry group moving further away from the 75% FMC target.
- **Constituent Weighting.** Index constituents are weighted by float-adjusted market capitalization.
- **Rebalancing.** The index rebalances annually, effective after the close of the last business day of April. The rebalancing reference date is the last trading day of March.

## Quick Facts

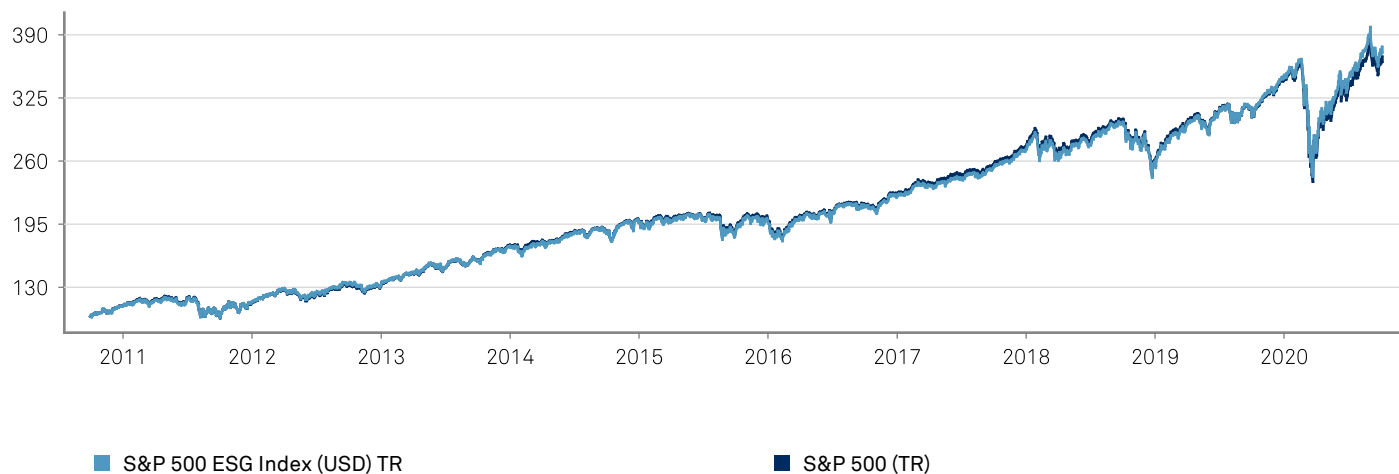
WEIGHTING METHOD	Float-adjusted market cap weighted
REBALANCING FREQUENCY	Annually in May
CALCULATION FREQUENCY	Real time
CALCULATION CURRENCIES	USD, CAD, CHF, EUR, GBP
LAUNCH DATE	January 28, 2019
FIRST VALUE DATE	April 30, 2010
REGULATORY AUTHORIZATION	European Union

For more information, including the complete methodology document, please visit:  
<https://www.spglobal.com/spdji/en//indices/equity/sp-500-esg-index>

All information for an index prior to its Launch Date is back-tested, based on the methodology that was in effect on the Launch Date. Back-tested performance, which is hypothetical and not actual performance, is subject to inherent limitations because it reflects application of an Index methodology and selection of index constituents in hindsight. No theoretical approach can take into account all of the factors in the markets in general and the impact of decisions that might have been made during the actual operation of an index. Actual returns may differ from, and be lower than, back-tested returns.

## Historical Performance

\* Data has been re-based at 100



## Performance

INDEX LEVEL	RETURNS			ANNUALIZED RETURNS			
	1 MO	3 MOS	YTD	1 YR	3 YRS	5 YRS	10 YRS
Total Return							
362.67	-4.3%	9.24%	7.79%	18.09%	13.79%	15%	14.05%
Price Return							
288.36	-4.41%	8.78%	6.26%	15.81%	11.49%	12.56%	11.57%
Net Total Return							
338.56	-4.33%	9.1%	7.33%	17.4%	13.09%	14.26%	13.3%
BENCHMARK* Total Return							
6,918.83	-3.8%	8.93%	5.57%	15.15%	12.28%	14.15%	13.74%
BENCHMARK* Price Return							
3,363	-3.92%	8.47%	4.09%	12.98%	10.11%	11.86%	11.41%
BENCHMARK* Net Total Return							
6,102.78	-3.84%	8.79%	5.13%	14.49%	11.62%	13.46%	13.04%

\* The index benchmark is the S&P 500

## Calendar Year Performance

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Total Return										
33.39%	-3.95%	21.26%	12.55%	0.53%	13.93%	30.64%	15.89%	3.15%	N/A	
Price Return										
30.59%	-5.9%	18.68%	9.92%	-1.74%	11.46%	27.64%	13.18%	0.93%	N/A	
Net Total Return										
32.54%	-4.54%	20.48%	11.75%	-0.16%	13.19%	29.73%	15.07%	2.48%	N/A	
BENCHMARK* Total Return										
31.49%	-4.38%	21.83%	11.96%	1.38%	13.69%	32.39%	16%	2.11%	15.06%	
BENCHMARK* Price Return										
28.88%	-6.24%	19.42%	9.54%	-0.73%	11.39%	29.6%	13.41%	0%	12.78%	
BENCHMARK* Net Total Return										
30.7%	-4.94%	21.1%	11.23%	0.75%	12.99%	31.55%	15.22%	1.47%	14.37%	

\* The index benchmark is the S&P 500

## Risk

	ANNUALIZED RISK			ANNUALIZED RISK-ADJUSTED RETURNS		
	3 YRS	5 YRS	10 YRS	3 YRS	5 YRS	10 YRS
Total Return	17.58%	14.79%	13.07%	0.78	1.01	1.08
Price Return	17.57%	14.77%	13.06%	0.65	0.85	0.89
Net Total Return	17.58%	14.79%	13.07%	0.74	0.96	1.02
BENCHMARK* Total Return	17.74%	14.88%	13.25%	0.69	0.95	1.04
BENCHMARK* Price Return	17.74%	14.88%	13.24%	0.57	0.8	0.86
BENCHMARK* Net Total Return	17.74%	14.88%	13.25%	0.66	0.9	0.98

Risk is defined as standard deviation calculated based on total returns using monthly values.

\* The index benchmark is the S&P 500

## Fundamentals

P/E (TRAILING)	P/E (PROJECTED)	P/B	INDICATED DIV YIELD	P/SALES	P/CASH FLOW
31.42	25.7	3.9	1.7%	2.71	14.57

As of September 30, 2020. Fundamentals are updated on approximately the fifth business day of each month.

## Index Characteristics

NUMBER OF CONSTITUENTS	299
CONSTITUENT MARKET [USD MILLION]	
MEAN TOTAL MARKET CAP	72,395.74
LARGEST TOTAL MARKET CAP	1,980,644.69
SMALLEST TOTAL MARKET CAP	2,117.21
MEDIAN TOTAL MARKET CAP	26,023.87
WEIGHT LARGEST CONSTITUENT [%]	8.9
WEIGHT TOP 10 CONSTITUENTS [%]	36.5

## ESG Carbon Characteristics

CARBON TO VALUE INVESTED (METRIC TONS CO <sub>2</sub> e/\$1M INVESTED)*	47.96
CARBON TO REVENUE (METRIC TONS CO <sub>2</sub> e/\$1M REVENUES)*	160.24
WEIGHTED AVERAGE CARBON INTENSITY (METRIC TONS CO <sub>2</sub> e/\$1M REVENUES)*	142.18
FOSSIL FUEL RESERVE EMISSIONS (METRIC TONS CO <sub>2</sub> /\$1M INVESTED)	620.56

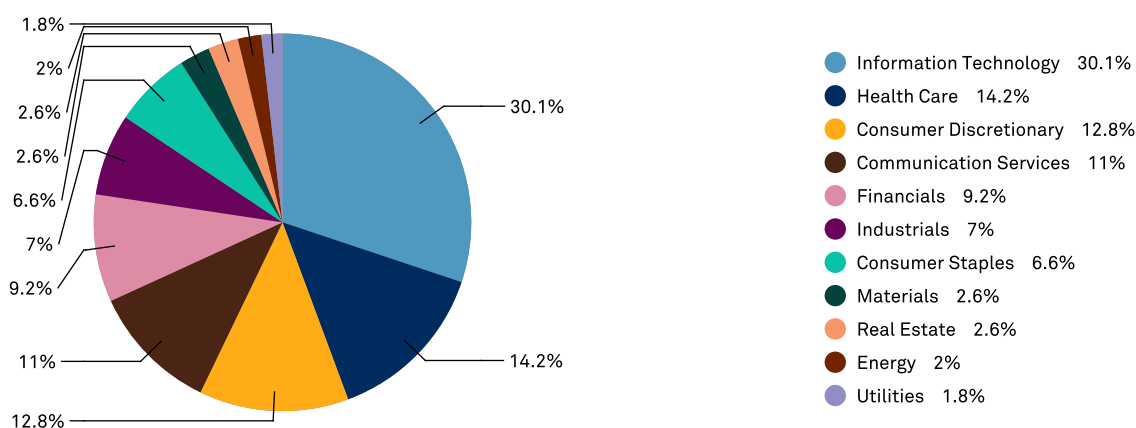
\*Operational and first-tier supply chain greenhouse gas emissions.  
For more information, please visit: [www.spdji.com/esg-carbon-metrics](http://www.spdji.com/esg-carbon-metrics).

## Top 10 Constituents By Index Weight

CONSTITUENT	SYMBOL	SECTOR*
Apple Inc.	AAPL	Information Technology
Microsoft Corp	MSFT	Information Technology
Amazon.com Inc	AMZN	Consumer Discretionary
Facebook Inc A	FB	Communication Services
Alphabet Inc A	GOOGL	Communication Services
Alphabet Inc C	GOOG	Communication Services
Procter & Gamble	PG	Consumer Staples
Visa Inc A	V	Information Technology
Nvidia Corp	NVDA	Information Technology
Home Depot Inc	HD	Consumer Discretionary

\*Based on GICS® sectors

## Sector\* Breakdown



\*Based on GICS® sectors

The weightings for each sector of the index are rounded to the nearest tenth of a percent; therefore, the aggregate weights for the index may not equal 100%.

## Country Breakdown

COUNTRY	NUMBER OF CONSTITUENTS	TOTAL MARKET CAP [USD MILLION]	INDEX WEIGHT [%]
United States	299	21,646,325.6	100

Based on index constituents' country of domicile.

## Tickers

	TICKER	REUTERS
Total Return	SPXESUT	.SPXESUT
Price Return	SPXESUP	.SPXESUP
Net Total Return	SPXESUN	.SPXESUN

## Related Products

This list includes investable products traded on certain exchanges currently linked to this selection of indices. While we have tried to include all such products, we do not guarantee the completeness or accuracy of such lists. Please refer to the disclaimers at the end of this document or [here](#) for more information about S&P Dow Jones Indices' relationship to such third party product offerings.

PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
Invesco S&P 500 ESG ETF	ETF	TORONTO STOCK EXCHANGE	ESG
Invesco S&P 500 ESG ETF	ETF	LONDON STOCK EXCHANGE	SPXE
Invesco S&P 500 ESG ETF CAD Hedged	ETF	TORONTO STOCK EXCHANGE	ESG.F
MTF Sal S&P 500 ESG	ETF		N/A
SPDR® S&P 500® ESG ETF	ETF	XFMQ--Unlisted Fund Manager Quote	EFIV
UBS ETF S&P 500 ESG A CHF H Acc	ETF	SIX Swiss Exchange	5ESGS
UBS ETF S&P 500 ESG A EUR H Acc	ETF	XETRA	S5SG
UBS ETF S&P 500 ESG A GBP H Dis	ETF	LONDON STOCK EXCHANGE	5ESG
UBS ETF S&P 500 ESG A USD Acc	ETF	SIX SWISS EXCHANGE	S5ESG
UBS ETF S&P 500 ESG A USD Dis	ETF	XETRA	S5SD
Xtrackers S&P 500 ESG ETF	ETF	NYSE ARCA	SNPE

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### **Mumbai**

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### **Hong Kong**

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### **Tokyo**

81 3 4550 8564

### **Sydney**

61 2 9255 9802

## DISCLAIMER

Source: S&P Dow Jones Indices LLC.

The launch date of the S&P 500 ESG Index (USD) was January 28, 2019. The launch date of the S&P 500 was March 4, 1957.

All information presented prior to the index launch date is back-tested. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. Past performance is not an indication or guarantee of future results. Please see the Performance Disclosure at <http://www.spindices.com/regulatory-affairs-disclaimers/> for more information regarding the inherent limitations associated with back-tested performance.

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