

# Carbon Footprint Analysis

Representative Large-Cap ESG ETF  
October 31, 2022

	Portfolio	S&P 500	% of S&P 500
Weighted average <b>emissions*</b> in thousands of metric tons	4,519	6,569	69%
Weighted average <b>intensity**</b> in tons of CO2e per \$1mm of sales	106.3	154.5	69%

## Portfolio Top Emitters

Company Name	CO2e Emissions
Exxon Mobil Corp	112,000
Berkshire Hathaway Inc	67,427
Chevron Corp	58,000
Nextera Energy Inc	43,326
Marathon Petroleum Corp	40,200

## S&P 500 Top Emitters

Company Name	CO2e Emissions
Exxon Mobil Corp	112,000
Southern Co	75,317
Duke Energy Corp	74,980
Berkshire Hathaway Inc	67,427
Chevron Corp	58,000

## Portfolio Top Intensity

Company Name	CO2e Intensity
Entergy Corp	3,269.3
Nextera Energy Inc	2,407.4
Kinder Morgan Inc	1,581.2
APA Corp (US)	1,526.5
Linde PLC	1,332.8

## S&P 500 Top Intensity

Company Name	CO2e Intensity
Energy Inc	5,033.7
CF Industries Holdings Inc	4,531.8
Ameren Corp	4,491.8
AES Corp	4,473.7
Alliant Energy Corp	3,696.9

	Total	Comm Svcs	Cons Disc	Cons Stap	Energy	Financials	Health Care	Industrials	Info Tech	Materials	Real Estate	Utilities
<b>Portfolio **</b>	<b>106.3</b>	0.8	4.8	4.7	31.8	1.8	2.2	9.4	5.8	11.9	4.5	28.6
<b>S&amp;P 500 **</b>	<b>154.5</b>	1.0	4.9	3.7	33.9	5.8	2.3	12.6	5.4	19.3	2.8	63.0

\* **Carbon emissions** are measured in thousands of metric tons over calendar year 2020

\*\* **Carbon intensity** measures the tons of carbon dioxide equivalent (CO2e) emissions produced to generate \$1 million in sales

Data from MSCI and F.L.Putnam

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