

In Search Of Environmental, Social, and Governance (ESG) Investments

November 2021

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ESG Investor Tools

ESG Investment Selection Through:

Ratings

Tools

ESG Selection Tools

Goal

Generate positive outcomes beyond good returns for people and planet.

Tool Use

Ranges from excluding companies

Choosing best-in-class operators

Supporting sustainability themes

ESG Information Challenge

How do individual investors get access to ESG data?

- ESG Data covers a broad range of information
- Information not subject to well defined terms
- Difficult for the individual investor to research within available corporate data

...however, ESG Information and Ratings are available from major financial and investment sources.

Here are some free, online socially responsible investing (SRI) and ESG tools to help a sustainable investing portfolio.

Sources of Tools

- **Sustainalytics ESG Ratings**
- **As You Sow-Invest Your Values**
- **USSIF Sustainable Investment Mutual Funds and ETFs Chart**
- **ETF.com ESG Ratings**
- **Morningstar ESG Screener**

- **S&P Global ESG Screen**
- **Refinitiv ESG Scores**
- **Charles Schwab SRI Screen**
- **Value Line Climate Change Investing Service**
- **MSCI ESG Ratings & Climate Search Tool**

Source: Sustainalytics ESG Ratings

SUSTAINALYTICS
a Morningstar company

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Apple Inc

Industry Group: Technology Country: United States Identifier: NAS:AAPL
Hardware

Find a company by name or ticker
[Or Explore our Research Universe →](#)

ESG Risk Rating

16.2 Low Risk

Negligible Low Medium High Severe
0-10 10-20 20-30 30-40 40+

Ranking

INDUSTRY GROUP
Technology Hardware 162 out of 579

UNIVERSE
Global Universe 1622 out of 14620

What are the ESG Risk Ratings?

What are the ESG Risk Ra...
More information for
[Corporates](#) | [Banks and Lenders](#) | [Investors](#)

Notice: The information provided is for informational, non-commercial purposes only, does not constitute investment advice and is subject to conditions available in our [Legal Disclaimer](#). Usage as a credit rating or as a benchmark is not permitted. Unless otherwise explicitly agreed in writing, usage for products and services, index creation, derivative work, portfolio or fund management, or any other usage are not permitted. By way of exception, usage is permitted only to the rated company, limited to a single reference of its own information in annual reporting and sustainability website, mentioning Sustainalytics as a source.

Negligible	Low	Medium	High	Severe
0 - 10	10 - 20	20 - 30	30 - 40	40+

Source: As You Sow

Search mutual funds and ETFs

Compare the fossil fuel investments of different funds

vanguard



Search settings

Show me how this works

Active filters: Search: vanguard Clear filters

Compare	Fund name	Fossil fuel grade	Sustainability mandate	Fossil fuels	Carbon footprint	Clean200	Net assets	Category
<input type="checkbox"/>	Vanguard Dividend Growth Inv Ticker: VDIGX	A	✘	0%	30.86 ●	13%	\$51.18B	Group: U.S. Equity Fund Category: Large Blend
<input type="checkbox"/>	Vanguard Information Technology ETF Ticker: VGT	A	✘	0%	6.62 ●	16%	\$58.36B	Group: Sector Equity Funds Category: Technology
<input type="checkbox"/>	Vanguard Health Care Adm Ticker: VGHAX	A	✘	0%	5.71 ●	6.29%	\$51.62B	Group: Sector Equity Funds Category: Health
<input type="checkbox"/>	Vanguard Real Estate ETF Ticker: VNQ	A	✘	0%	17.69 ●	0%	\$83.11B	Group: Sector Equity Funds Category: Real Estate
<input type="checkbox"/>	Vanguard Real Estate Index Admiral Ticker: VGSIX	A	✘	0%	17.69 ●	0%	\$83.11B	Group: Sector Equity Funds Category: Real Estate

Source: As You Sow



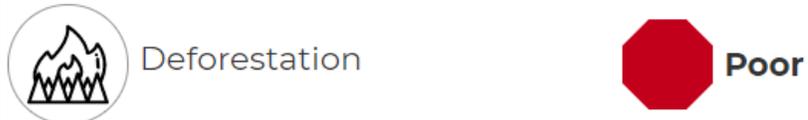
Plan name: Apple 401(k) Plan

Default option **BlackRock Global LifePath Index series**

BLACKROCK

Updated **October 2021**

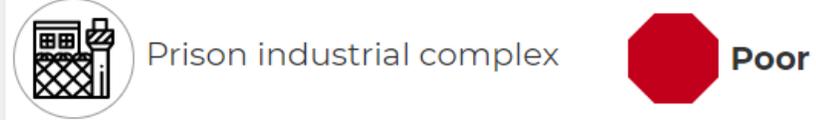
Environment scorecard



We used our expertise in mutual fund sustainability analysis and extensive database of ESG-screened companies to rate corporations' retirement plan investment options.

[Methodology »](#)

Social scorecard



Source: US SIF

Sustainable Investment Mutual Funds and ETFs Chart

This chart displays all sustainable investment mutual funds and ETFs offered by US SIF's institutional member firms. This public tool is meant for individual investors to compare cost, financial performance, screens and voting records of competing funds. All listed funds are open to new investors.

[Quick facts about sustainable investment performance >](#)

US SIF would like to thank Bloomberg LP for providing the financial performance data for this chart. Bloomberg LP, phone: 212-318-2000 or 415-912-2960; 731 Lexington Ave, New York, NY 10022. Bloomberg LP believes the information herein came from reliable sources but does not guarantee its accuracy.



Bloomberg's Environmental, Social and Governance (ESG) Data Service provides multi-year, as-reported data on over 10,500 companies worldwide as well as supporting news, research, and analytics integrated into the core Bloomberg functionality. As the premier financial information provider for banks, corporations, governments and others, Bloomberg leverages its distribution platform to provide ESG data to improve transparency, liquidity and asset valuations.

Financial Performance	Screening & Advocacy	Proxy Voting	Account Minimums																
View funds by type:				All Funds											Information current as of: September 30, 2021				
Showing 180 of 180 funds																			
KEY: X No Investment: Excludes investments engaged in this activity P Positive Investment: Seeks investments with positive impact in this area R Restricted/exclusionary Investment: Seeks to avoid poorer performers in this area C Combination of Positive and Restricted/exclusionary strategies -- No Screens: Does not screen investments in this area * Has a formal policy restricting investment in fossil fuels Mutual Fund - Click name for background on the company, along with contact information and fund profile				All information below is self-reported by each fund or manager. This information has not been reviewed or approved by US SIF staff, and thus we cannot guarantee its accuracy.															
				Environment			Social				Governance			Products				Other / Qualitative	Shareholder Engagement
				Climate/Clean Tech	Pollution/Toxics	Environment/Other	Community Development	Diversity & EEO	Human Rights	Labor Relations	Conflict Risk	Board Issues	Executive Pay	Alcohol	Animal Welfare	Defense/Weapons	Gambling		
1919 Socially Responsive Balanced Fund - A				C	R	C	C	C	C	C	R	C	C	--	--	R	--	✓	
1919 Socially Responsive Balanced Fund - C				C	R	C	C	C	C	C	R	C	C	--	--	R	--	✓	
1919 Socially Responsive Balanced Fund - I				C	R	C	C	C	C	C	R	C	C	--	--	R	--	✓	
Access Capital Community Investment Fund A				-- *	X	--	P	--	--	--	X	--	--	X	X	X	X	✓	--

Source: ETF.com ESG Ratings

ETF Filters

Classification

Asset Class

- Alternatives
- Asset Allocation
- Commodities
- Currency
- Equity
- Fixed Income

Segment

Category

Focus

Niche

Location

Analysis

Features

Performance

Find up to 5 ETFs here... Reset All Save Search

ETF RESULTS: 2,720 ETFs

Fund Basics Performance Fund Flows Analysis Fundamentals **ESG** Custom

MSCI **MSCI ESG FUND METRICS**

Ticker	Name	ESG Rating	Quality Score	Score Peer Rank	Score Global Rank	Carbon Intensity
SPY	SPDR S&P 500 ETF Trust	A	6.26 / 10	46.07	47.17	133.69
IVV	iShares Core S&P 500 ETF	A	6.26 / 10	45.86	47.13	133.62
VTI	Vanguard Total Stock Market ETF	BBB	6.03 / 10	26.21	40.11	129.05
VOO	Vanguard S&P 500 ETF	A	6.23 / 10	40.48	46.09	132.76
QQQ	Invesco QQQ Trust	BBB	5.43 / 10	11.55	30.86	47.60
VEA	Vanguard FTSE Developed Markets ETF	AA	8.01 / 10	50.47	85.27	146.57
	iShares					

Source: Morningstar and ESG Investing

Approach: Investors and sustainability concerns: applying exclusions, limiting ESG risk, seeking ESG opportunities, practicing active ownership, targeting sustainability themes, or assessing impact:

- Ratings
- ESG Screener

Source: Morningstar's ESG Risk Ratings

Measures the degree to which ESG risk could potentially put a company's enterprise value at risk.

Sustainability ⓘ

ESG Risk Rating Assessment



ESG Risk Rating



Highest Controversy Level (1 = Low, 5 = Severe)

3 Significant

Incidents: Business Ethics, Customer, Employee, Public Policy, Social Supply Chain

Top 3 Material ESG Issues

Emissions, Effluents & Waste
Supply Chain

Occupational Health & Safety
Overall

Employee
Human Rights/Supply Chain

ESG Risk Rating is as of MM-DD-YYYY. Sustainalytics Subindustry: Technology. Sustainalytics provides Morningstar with company ESG ratings and metrics on a monthly basis and as such, the ratings in Morningstar may not necessarily reflect current Sustainalytics' scores for the company.

Source: Morningstar's ESG Screener

Used to identify candidates that support the investor's need to:

- Eliminate the Bad
- Emphasize the Good
- Take a More Hands-Off Approach
- Pursue Impact Investing

Source: Morningstar's ESG Screener

Search or Filter Investments

🔍 Search by Name or ISIN or Ticker

Morningstar Sustainability Rating™

All ▼

Low Carbon Designation

All ▼

Morningstar Category

All ▼

Morningstar Rating™

All ▼

Sustainable Investment by Prospectus

All ▼

Product Involvement

Exclude Thermal Coal

Exclude Fossil Fuels

Exclude Small Arms

Exclude Tobacco

Exclude Alcohol

Sustainability: Stated Mandate

Sustainable Investment - ESG Fund

Sustainable Investment - Impact Fund

Sustainable Investment - Environmental Sector Fund

Reset Filters

Show Less

Utility Sector Investments with “4 Globes” and 5 Stars

Search or Filter Investments

🔍 Search by Name or ISIN or Ticker

Morningstar Sustainability Rating™

4



Low Carbon Designation

All



Morningstar Category

Utilities Sector Equity



Morningstar Rating™

5



Sustainable Investment by Prospectus

All



Product Involvement

Exclude Thermal Coal

Exclude Fossil Fuels

Exclude Small Arms

Exclude Tobacco

Exclude Alcohol

Sustainability: Stated Mandate

Sustainable Investment - ESG Fund

Sustainable Investment - Impact Fund

Sustainable Investment - Environmental Sector Fund

Reset Filters

Show Less

Results Listing

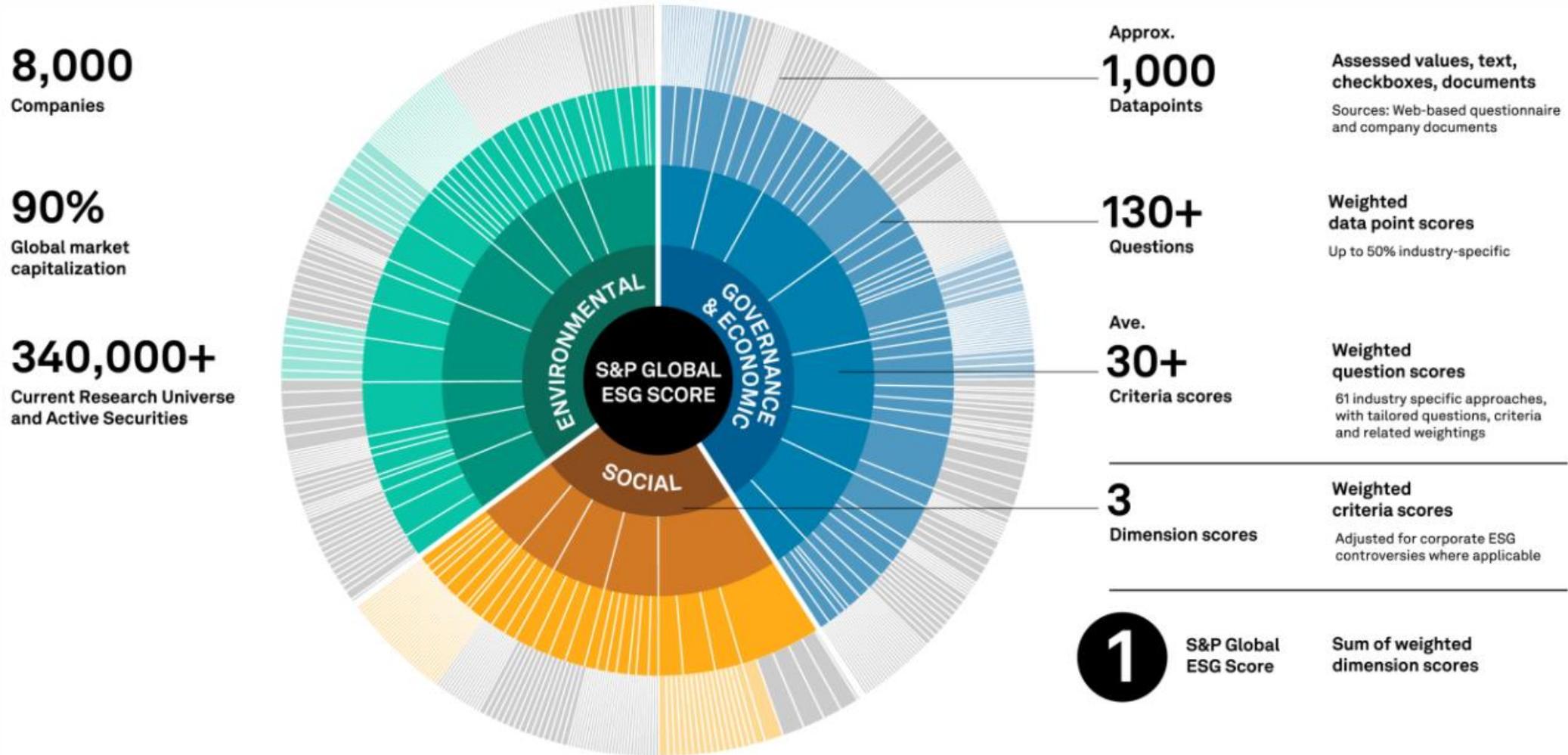
Review and Analyze Your Search Results

- Overview
- ESG Metrics**
- Sustainability: Stated Mandate
- Product Involvement
- Long Term Performance
- Portfolio

0/7 |  Actions ▾

<input type="checkbox"/>	Name	Morningstar Category	Sustainability Rating	Sustainability % Rank in Global Category	Historical Sustainability Score	Low Carbon Designation	Portfolio Sustainability Score	Portfolio Environmental Score	Portfolio Social Score	Portfolio Governance Score
<input type="checkbox"/>	PGIM Jennison Utility A	Utilities Sector Equity	★★★★★	29	28.71	False	28.05	12.92	8.72	5.40
<input type="checkbox"/>	PGIM Jennison Utility R	Utilities Sector Equity	★★★★★	29	28.71	False	28.05	12.92	8.72	5.40
<input type="checkbox"/>	PGIM Jennison Utility R6	Utilities Sector Equity	★★★★★	29	28.71	False	28.05	12.92	8.72	5.40
<input type="checkbox"/>	PGIM Jennison Utility Z	Utilities Sector Equity	★★★★★	29	28.71	False	28.05	12.92	8.72	5.40
<input type="checkbox"/>	Wells Fargo Util and Telecomms A	Utilities Sector Equity	★★★★★	11	26.70	False	25.84	10.77	8.63	6.12
<input type="checkbox"/>	Wells Fargo Util and Telecomms Adm	Utilities Sector Equity	★★★★★	11	26.70	False	25.84	10.77	8.63	6.12
<input type="checkbox"/>	Wells Fargo Util and Telecomms Inst	Utilities Sector Equity	★★★★★	11	26.70	False	25.84	10.77	8.63	6.12

Source: S&P Global ESG Screen



Source: S&P Global ESG Screen

Apple Inc.

TICKER: AAPL Industry: THQ Computers & Peripherals and Office Electronics Country: United States of America

ESG Score

29

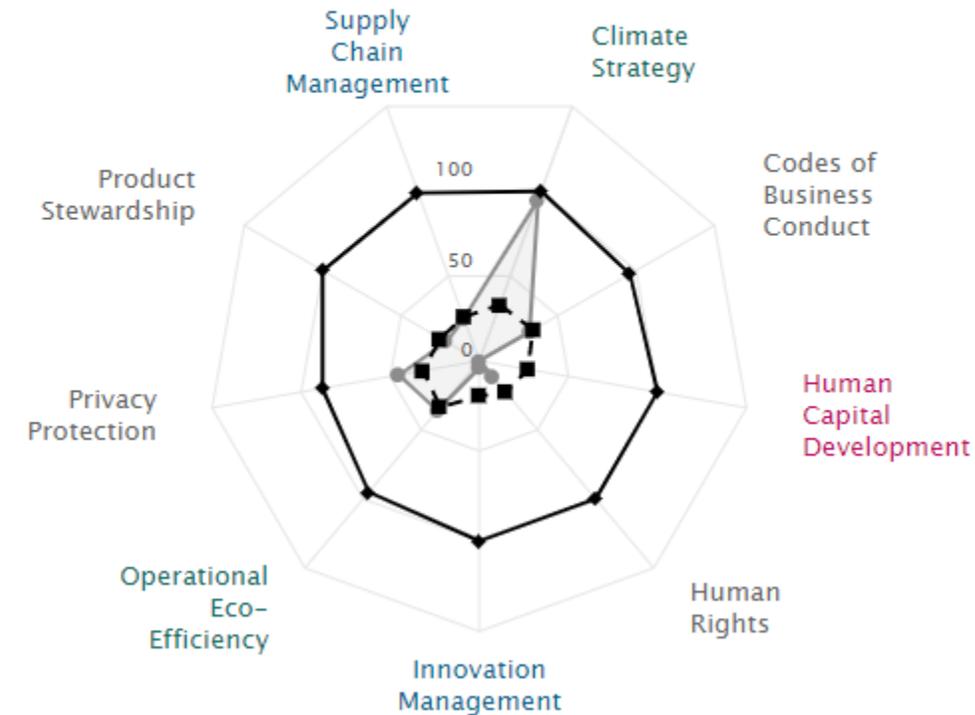
Last Updated: November 13, 2020. Updated annually or in response to major developments.

Score History

Y/Y Change: 0



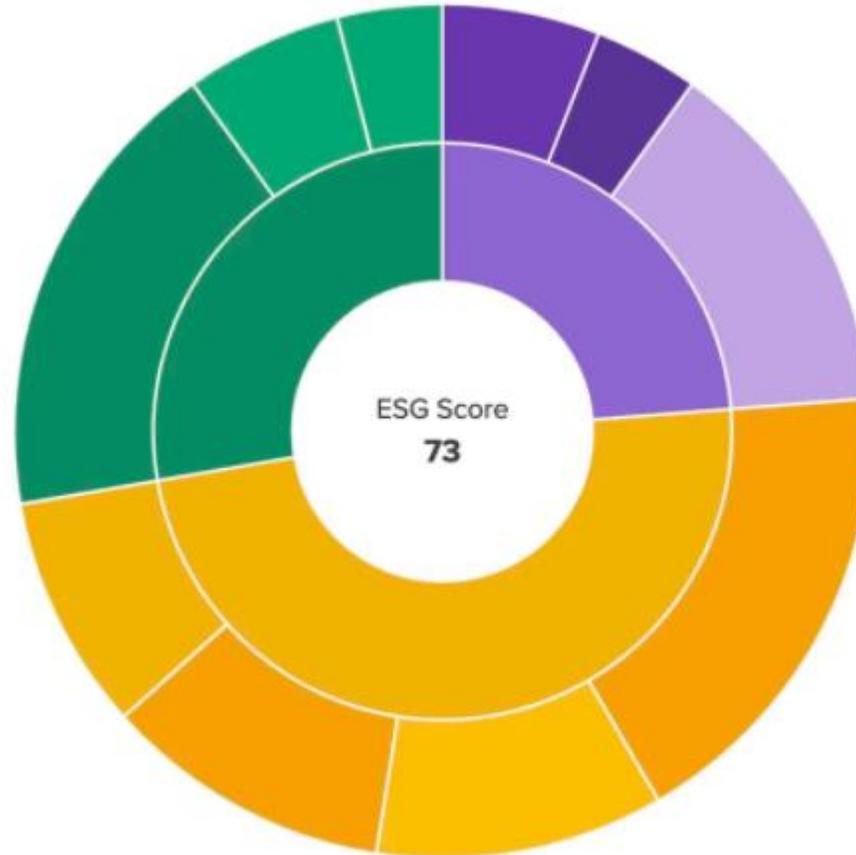
Apple Inc. — Industry Best — Industry Mean



Source: Refinitiv ESG Scores

Apple Inc ESG score
(out of 100): **73**

Environment ⓘ	59
Emissions	85
Resource Use	93
Innovation	39
Social ⓘ	75
Human Rights	81
Product Responsibility	60
Workforce	81
Community	71
Governance ⓘ	82
Management	84
Shareholders	78
CSR Strategy	78



COMPARISON AND RANK

Apple Inc is a Computers Phones & Household Electronics company. Below is the rank of this company out of all the companies in its industry. Get the most comprehensive, detailed, and up to date sector and industry classification available with the Refinitiv Business Classification [here](#)

13/105

Out of Computers Phones & Household Electronics Companies.

USEFUL LINKS

[ESG brochure](#) →

[Contribute ESG data](#) →

[ESG scores methodology](#) →

Source: Charles Schwab SRI Screen

Schwab ETFs | ETF Select List® | Closed-End Funds | Find ETFs | Compare

My Saved Screens | New Screen

Predefined Screens | Screen for ETFs

Choose Criteria

- Basic Criteria
- Portfolio
- Ratings
- Fund Performance
- Price Performance
- Valuation
- Fund Exposure
- Risk Analysis
- Bonds
- Technicals

Screen Results (172 Screen Results)

Save Screen | Modify Criteria | Fund Type: Exchange Traded Funds; Fund Category: empty; Morningstar Category: empty; Socially Responsible: Yes; Inception Date: empty; Total Assets: < 20M, 20M - 10...

View by: Screen Criteria | Advanced Sort | Viewing 1-20 of 172 matches | 1 2 3 4 5 Next >

Symbol	Description	Fund Type	Fund Category	Morningstar Category	Socially Responsible	Ince
<input type="checkbox"/> JSTC	Adasina Social Justice AI...	ETF	International Equity	World Large-Stock Blend	Yes	12/08/2
<input type="checkbox"/> ACES	ALPS Clean Energy ETF	ETF	Sector Equity	Miscellaneous Sector	Yes	06/27/2
<input type="checkbox"/> MID	American Century Mid Cap ...	ETF	US Equity	Mid-Cap Growth	Yes	07/15/2
<input type="checkbox"/> ESGA	American Century Sustaina...	ETF	US Equity	Large Blend	Yes	07/15/2
<input type="checkbox"/> ESGY	American Century Sustaina...	ETF	US Equity	Large Growth	Yes	06/29/2
<input type="checkbox"/> DIOX	Amplify Cleaner Living ET...	ETF	US Equity	Large Blend	Yes	06/23/2
<input type="checkbox"/> BATT	Amplify Lithium & Battery...	ETF	Sector Equity	Natural Resources	Yes	06/04/2
<input type="checkbox"/> CUBS	Asian Growth Cubs ETF	ETF	International Equity	Pacific/Asia ex-Japan Stk	Yes	06/16/2
<input type="checkbox"/> AVDG	AVDR US LargeCap ESG ETF	ETF	US Equity	Large Blend	Yes	12/29/2

Source: Value Line Climate Change Investing Service

Company	Ticker	Our Rec.	Industry	Market Cap (Mil. \$)	Stock Price	Dividend Yield	Current P/E	Inception Date
Beyond Meat	BYND	Hold	FOODPROC	6,724.00	104.41	0		3/8/2021
California Water	CWT	Buy	WATER	3,066.33	60.68	1.55	27.46	3/8/2021
Conagra Brands	CAG	Buy	FOODPROC	16,646.64	34.22	3.26	13.06	3/8/2021
Ecolab Inc.	ECL	Buy	CHEMSPEC	60,853.47	216.47	0.9	42.2	3/8/2021
Edgewell Personal Care	EPC	Hold	HOUSEPRD	2,048.25	35.89	1.59	12.38	3/8/2021
Emerson Electric	EMR	Hold	ELECEQ	57,192.72	97.34	2.13	24.15	3/8/2021
Essential Utilities	WTRG	Buy	WATER	11,508.71	46.95	2.33	28.45	3/8/2021
First Solar, Inc.	FSLR	Hold	POWER	10,001.43	97.52	0	29.64	3/8/2021
Kellogg	K	Hold	FOODPROC	22,267.30	63.11	3.57	15.62	3/8/2021
Lowe's Cos.	LOW	Buy	BUILDSUP	144,762.90	207.9	1.62	18.75	3/8/2021
Mueller Water Prod.	MWA	Hold	MACHINE	2,520.58	15.85	1.38	23.31	3/8/2021
Nikola Corp.	NKLA	Buy	HEAVYTRK	4,213.00	10.67	0		6/7/2021
NRG Energy	NRG	Buy	POWER	10,153.27	41.26	3.13	4.38	3/8/2021
Ormat Technologies	ORA	Buy	POWER	3,784.84	70.6	0.71	47.7	3/8/2021
Owens Corning	OC	Hold	BUILDING	9,102.80	90.05	1.18	9.93	3/8/2021
Pentair plc	PNR	Hold	DIVERSIF	12,413.19	72.41	1.07	20.81	3/8/2021
Republic Services	RSG	Hold	ENVIRONM	39,123.31	125.05	1.5	30.13	3/8/2021
TPI Composites	TPIC	Buy	POWER	1,221.93	32.06	0		9/7/2021
Trane Technologies plc	TT	Buy	MACHINE	42,020.86	177.21	1.34	29.83	8/23/2021
Waste Management	WM	Hold	ENVIRONM	63,795.56	153.99	1.52	30.25	3/8/2021

Source: MSCI

MSCI: Provides decision support tools and services for the global investment community

- **MSCI ESG Rating:** Uses a rules-based methodology to identify industry leaders and laggards according to their exposure to ESG risks and how well they manage those risks relative to peers. MSCI ESG Ratings range from leader (AAA, AA), average (A, BBB, BB) to laggard (B, CCC).
 - Thousands of data points across 35 ESG Key Issues
 - The Key Issues are weighted according to impact and time horizon of the risk or opportunity.
 - All companies are assessed for Corporate Governance and Corporate Behavior.
- **ESG Indexes:**

Methodology: “MSCI Global Environment Methodology February 2021 Index”

Source: MSCI ESG Ratings

MSCI ESG Score									
Environment Pillar				Social Pillar				Governance Pillar	
Climate Change	Natural Capital	Pollution & Waste	Env. Opportunities	Human Capital	Product Liability	Stakeholder Opposition	Social Opportunities	Corporate Governance	Corporate Behavior
Carbon Emissions	Water Stress	Toxic Emissions & Waste	Clean Tech	Labor Management	Product Safety & Quality	Controversial Sourcing	Access to Communication	Board	Business Ethics
Product Carbon Footprint	Biodiversity & Land Use	Packaging Material & Waste	Green Building	Health & Safety	Chemical Safety	Community Relations	Access to Finance	Pay	Tax Transparency
Financing Environmental Impact	Raw Material Sourcing	Electronic Waste	Renewable Energy	Human Capital Development	Consumer Financial Protection		Access to Health Care	Ownership	
Climate Change Vulnerability				Supply Chain Labor Standards	Privacy & Data Security		Opportunities in Nutrition & Health	Accounting	
					Responsible Investment				

MSCI ESG Ratings



LAGGARD

A company lagging its industry based on its high exposure and failure to manage significant ESG risks

AVERAGE

A company with a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers

LEADER

A company leading its industry in managing the most significant ESG risks and opportunities

Source: MSCI ESG Ratings & Climate Search Tool

APPLE INC.

(AAPL)

Industry: Technology Hardware, Storage & Peripherals

Country/Region: United States of America

MSCI CLIMATE

MSCI

IMPLIED TEMPERATURE RISE **2.06°C**



2°C Trajectory

Absolute emissions [Megatons CO2e]



MSCI ESG

MSCI

ESG RATINGS



Apple is **average** among 49 companies in the **technology hardware, storage & peripherals industry**.

ESG Rating distribution

Universe: MSCI ACWI Index constituents technology hardware.

Source: MSCI ESG Indexes

MSCI Inc. is the world's largest provider of Environmental, Social and Governance (ESG) Indexes¹ with over 1,500 equity and fixed income ESG Indexes designed to help institutional investors more effectively benchmark ESG investment performance and manage, measure and report on ESG mandates.

- **MSCI Global Environment Index:** *The MSCI Global Environment Indexes are comprised of securities of companies that derive at least 50% of their revenues from environmentally beneficial products and services.*
- **MSCI Global Alternative Energy Index:** *The MSCI Global Alternative Energy Index includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Alternative energy.*
- **MSCI Global Energy Efficiency Index:** *The MSCI Global Energy Efficiency Index includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Energy Efficiency.*
- **MSCI Global Green Building Index:** *The MSCI Global Green Building Index includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Green Building.*
- **MSCI Global Pollution Prevention Index:** *The MSCI Global Pollution Prevention Index includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Pollution Prevention.*
- **MSCI Global Sustainable Water Index:** *The MSCI Global Sustainable Water Index includes developed and emerging market large, mid and small cap companies that derive 50% or more of their revenues from products and services in Sustainable Water.*

MSCI Index Example

““MSCI USA ESG Focus Index”: The index is sector-diversified and targets companies with high ESG ratings in each sector. Tobacco and Controversial Weapons companies are not eligible for inclusion.

Individual investor participation is through funds that follow the various MCSI indices.

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
APPLE	5.98	6.02	Info Tech
MICROSOFT CORP	5.34	5.15	Info Tech
AMAZON.COM	3.69	3.80	Cons Discr
ALPHABET C	2.29	1.98	Comm Srvcs
FACEBOOK A	1.91	2.07	Comm Srvcs
ALPHABET A	1.77	2.05	Comm Srvcs
TESLA	1.66	1.62	Cons Discr
NVIDIA	1.46	1.32	Info Tech
JPMORGAN CHASE & CO	1.34	1.26	Financials
JOHNSON & JOHNSON	1.08	1.08	Health Care
Total	26.52	26.37	

INDEX PERFORMANCE – GROSS RETURNS (%) (SEP 30, 2021)

	ANNUALIZED								FUNDAMENTALS (SEP 30, 2021)			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since May 31, 2006	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI USA ESG Focus	-4.87	0.20	30.00	14.92	17.24	17.66	17.04	10.82	1.37	25.03	20.96	4.70
MSCI USA	-4.72	0.41	30.51	15.34	16.74	17.31	16.82	10.70	1.35	25.92	20.97	4.70

Source: MSCI

From Ratings & Indexes To Investments

For Example From Seeking Alpha

- Fund Profile: Fidelity U.S. Sustainability Index Fund is
 - an open-end equity indexed mutual fund launched and managed by Fidelity Management & Research Company LLC. ...
 - The fund invests in public equity markets of the United States. The fund invests in stocks of companies operating across diversified sectors. The fund invests in growth and value stocks of companies across diversified market capitalization. It invests in stocks of companies that are deemed socially conscious in their business dealings and directly promote environmental responsibility.
 - The fund seeks to track the performance of the MSCI USA ESG Leaders Index.

Sources: The Dilemma Among Tools

- Are some more valid than others?
 - Validity is suspect: Greenwashing and lack of agreed standards
- Is it best to lean on one or two as being the more reliable?
 - Validity is more important now.
- Is it best to first identify which of the various tools more aligns with your personal priorities, and use those?
 - Yes, and there are tools to help

Investor Priorities

Improve The World		Improve Investments
What?		
Do No Harm	Make a Difference	Limit ESG Risk
How?		
Choose funds that use exclusionary strategies to limit exposure to controversial companies.	Choose funds that produce specific outcomes or thematic funds.	Use Morningstar Sustainability Ratings to identify funds with lower ESG risks.
Why?		
To avoid negative impact or invest in line with values-based principles.	To own companies making a positive impact.	To reduce exposure to long-term economic threats to companies' viability.



ESG Investing Requires Information

- Information exists but is not well defined and not easily available
- Sources like MSCI and Morningstar have evolving systems and services in place to aid the investor
- Ratings and Screeners provide insight to investments
- Considering ESG factors in investment decisions does not need to limit returns. Ref: <https://www.ussif.org/performance>

References

- **MSCI:** <https://www.msci.com/our-solutions/esg-investing/esg-ratings>
- **Morningstar:** <https://www.morningstar.com/esg-screener#!?filtersSelectedValue=%7B%7D&page=1&perPage=10&sortField=legalName&sortOrder=asc&universelId=FOUSA>
- **As You Sow-Invest Your Values:** <https://investyourvalues.org/>
- **USSIF Sustainable Investment Mutual Funds and ETFs Chart:** <https://charts.ussif.org/mfpc/>
- **Sustainalytics ESG Ratings:** <https://www.sustainalytics.com/esg-data>
- **ETF.com ESG Ratings:** <https://www.etf.com/etfanalytics/etf-finder>
- **S&P Global ESG Screen:** <https://www.spglobal.com/esg/solutions/data-intelligence-esg-scores>
- **Refinitiv ESG Scores:** <https://www.refinitiv.com/en/sustainable-finance/esg-scores>
- **Charles Schwab SRI Screen:** <https://www.schwab.com/research/etfs/tools/select-list>
- **Value Line:** <https://research.valueline.com/secure/dashboard>
- **ESG Investment Tools:** https://www.kiplinger.com/investing/esg/603706/esg-tools-for-sustainable-investors?rid=EML-today&rmrecid=3590901062&utm_campaign=20211106-today&utm_medium=email&utm_source=today
- **Green Taxonomy Agreements:** <https://www.ipe.com/news/ec-releases-eu-china-green-taxonomies-comparison/10056185.article>

Backup

Greenwashing

- Unsubstantiated or misleading claims about the sustainability characteristics and benefits of an investment product.

Sustainable Funds and Equities

- A fund may be more focused on company ESG evaluations than on product impact or broad sustainability themes. A firm like Tesla (TSLA) has ESG risks related to its employee relations, product governance, and overall corporate governance that may lead some sustainable funds to avoid it. Some funds, on the other hand, do take a broad thematic approach, looking specifically for companies like Tesla.
- Company-level ESG evaluations consider the positive and negative impacts of the products a company makes and sells; how that company manages its environmental challenges, its workforce, and supply chain; and the impact of its operations on the places where it operates, among other criteria. In sustainable funds that use broad ESG assessments, it's not uncommon for market-leading quality growth companies to be among the top holdings.