CDP Climate Change Questionnaire 2023

Welcome to your CDP Climate Change Questionnaire 2023

C0. Introduction

C0.1

(C0.1) Give a general description and introduction to your organization.

Tractor Supply Company (NASDAQ: TSCO) is the largest rural lifestyle retailer in the United States ("U.S."). The Company is focused on supplying the needs of recreational farmers, ranchers, and all those who enjoy living the rural lifestyle (which we refer to as the "*Out Here*" lifestyle) for over 80 years. We operate retail stores under the names *Tractor Supply Company* and *Petsense.* Our stores are located primarily in towns outlying major metropolitan markets and in rural communities. We also offer an expanded assortment of products through the Tractor Supply mobile application and online at *TractorSupply.com* and *Petsense.com*.

On December 31, 2022, we operated 2,252 retail stores in 49 states (2,066 Tractor Supply and 186 Petsense retail stores). Our Tractor Supply stores typically range in size from 15,000 to 20,000 square feet of inside selling space, along with additional outside selling space, and our Petsense stores have approximately 5,500 square feet of inside selling space. For Tractor Supply retail locations, we use a standard design for most new built-to-suit locations that includes approximately 15,500 square feet of inside selling space. Our online selling websites and our mobile application offer an extended assortment of products beyond those offered in-store and drive traffic into our stores through our buy online and pickup in-store and ship to store programs. With more than 24, 000 full-time and 25, 000 part-time Team Members, our retail store locations and digital capabilities provide the convenience to allow our customers to engage with us anytime, anywhere and in any way they choose.

This report does not include information about Orscheln Farm & Home, which we acquired in October 2022. Information about Orscheln Farm & Home will be included in future reporting.

C0.2

(C0.2) State the start and end date of the year for which you are reporting data and indicate whether you will be providing emissions data for past reporting years.

Reporting year

Start date

January 1, 2022

End date

December 31, 2022

Indicate if you are providing emissions data for past reporting years

Yes

Select the number of past reporting years you will be providing Scope 1 emissions data for

1 year

Select the number of past reporting years you will be providing Scope 2 emissions data for

1 year

Select the number of past reporting years you will be providing Scope 3 emissions data for

1 year

C0.3

(C0.3) Select the countries/areas in which you operate.

United States of America

C0.4

(C0.4) Select the currency used for all financial information disclosed throughout your response.

USD

C0.5

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.

Operational control

C0.8

(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, a Ticker symbol	TSCO

C1. Governance

C1.1

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Yes

C1.1a

(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Position of individual or committee	Responsibilities for climate-related issues
Board-level committee	Members of the Corporate Governance and Nominating Committee (the “Corporate Governance Committee") have responsibility for board-level oversight of climate-related issues within the Company. Climate topics were on the full board meeting agenda at least annually in 2022 to provide relevant updates on emerging climate-related issues and progress on our decarbonization strategy including our performance against our net-zero target. Sustainability topics, such as climate-related issues, may be raised on an as needed basis.
Chief Executive Officer (CEO)	Our CEO has responsibility for climate-related strategy as part of his role in overseeing members of Tractor Supply’s finance, legal and compliance, regulatory, and operational activities. For example, compliance with environmental regulations and strategic planning and operationalization oversight of our net-zero strategy. Climate-related topics are discussed with the CEO through individual meetings, executive leadership meetings and during full-board discussions as needed.

C1.1b

(C1.1b) Provide further details on the board's oversight of climate-related issues.

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Please explain
Scheduled – some meetings	Reviewing and guiding strategy Overseeing the setting of corporate targets Monitoring progress towards corporate targets	The Corporate Governance and Nominating Committee of the Board of Directors has within their charter responsibility for Environmental, Social and Governance (ESG) matters. The Company's Executive Vice President, General Counsel and Corporate Secretary (General Counsel) has oversight for the Company's environmental sustainability efforts which includes initiatives to reduce our carbon footprint. Reporting to the General Counsel is our Director of Sustainability who has responsibility for the development of the Company's sustainability strategy and implementation. The Director of Sustainability reports to the full board at least annually to provide an update on progress towards corporate targets and the Company's sustainability strategy.

C1.1d

(C1.1d) Does your organization have at least one board member with competence on climate-related issues?

	Board member(s) have competence on climate-related issues	Primary reason for no board-level competence on climate-related issues	Explain why your organization does not have at least one board member with competence on climate-related issues and any plans to address board-level competence in the future
Row 1	No, but we plan to address this within the next two years	Important but not an immediate priority	As our sustainability platform evolves, we plan to enhance our board-level climate competency. Our Board and management team routinely review operational and strategic risks, including risks related to climate change. Ongoing education through trainings and other tools help our entire board understand the potential impacts of climate change on the company.

C1.2

(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

Position or committee

Other C-Suite Officer, please specify

General Counsel

Climate-related responsibilities of this position

Monitoring progress against climate-related corporate targets
Assessing climate-related risks and opportunities
Managing climate-related risks and opportunities

Coverage of responsibilities

Reporting line

CEO reporting line

Frequency of reporting to the board on climate-related issues via this reporting line

Annually

Please explain

The Executive Committee (EC) is comprised of the most senior business unit leaders across the organization, such as the Chief Financial Officer, Chief Marketing Officer, Chief Merchandising Officer, Chief Stores Officer, Chief Technology Officer and Chief Supply Chain Officer, and has responsibility for the execution of the company's strategic direction, known as Life Out Here. The EC reports to our Chief Executive Officer (CEO) and interacts daily to fulfill our business objectives including climate-related goals, i.e., reducing carbon emissions in our operational footprint. As a member of the EC, the General Counsel (GC) has oversight over the functional areas of Legal, Sustainability, and Compliance which includes Risk Management.

Climate related risks and opportunities are shared with EC and CEO annually by the GC and the Director of Sustainability. The GC is provided a focused update on climate-related risks and opportunities on a semi-annual basis by the Director of Sustainability who also provides regular progress reports on the Company's sustainability platform. In addition, the Director of Sustainability actively participates in the Environmental, Social and Governance (ESG) Committee, and leads several other committees critical to the implementation and success of the sustainability platform.

The ESG committee is a cross-functional committee composed of representatives from key areas of the company including Energy Management, Quality Assurance, Information Technology, Human Resources, Government Relations, Investor Relations,

Internal Audit, Transportation, Supply Chain, Risk Management, Environmental and Safety, Merchandising and Product Sourcing. The ESG committee members provide valuable insight on ESG initiatives and receives regular updates on progress against established ESG goals.

C1.3

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?

	Provide incentives for the management of climate-related issues	Comment
Row 1	No, and we do not plan to introduce them in the next two years	

C2. Risks and opportunities

C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

C2.1a

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

	From (years)	To (years)	Comment
Short-term	0	3	
Medium-term	3	5	
Long-term	5	10	

C2.1b

(C2.1b) How does your organization define substantive financial or strategic impact on your business?

We define substantive financial or strategic impact on our business consistent with the accounting standards stated in our corporate annual reports. While we have provided responses to climate-related risk questions in this section, some of which may have financial or strategic impact on our business, these impacts may not necessarily be material to investors as defined by standard accounting practices stated in our annual report.

For this report, considering our role as an essential retailer, we have evaluated climate-related risks that have the potential to impact operational areas of our business and the products we sell. Climate-related risk is assessed using enterprise risk management data, data from 3rd

parties as well as other criteria exclusive to our company. We continue to refine quantification of climate-related risks including financial impact, likelihood of occurrence of climate events, and our ability to monitor and respond to climate-related risks. Information in this report may be presented as having a “substantive financial or strategic impact” when evaluated in terms of climate-related risks for a specific area of operations or products; however, it may not be a substantive impact for all areas of the company or financially material to investors as defined by SEC.

C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Value chain stage(s) covered

Direct operations
Upstream
Downstream

Risk management process

Integrated into multi-disciplinary company-wide risk management process

Frequency of assessment

Annually

Time horizon(s) covered

Short-term
Medium-term
Long-term

Description of process

We have developed an Enterprise Risk Management (ERM) process using periodic surveys, interviews, external research, planning processes, analytics, and other tools to identify and evaluate the operational, financial, environmental, reputational, strategic, and other risks that could adversely affect our business. Our General Counsel, with assistance from the Director of Risk Management, administers our ERM process. The ERM process engages senior leaders and includes a survey to rank top risks to the Company, which includes identification of climate anomalies/natural disasters as a risk factor. It is also inherently embedded in other risks evaluated such as risk to supply chain, macroeconomic conditions, and shifts in consumer demands. The ERM process ensures we are focused on the risk topics most material to our business and that we are prepared to mitigate or monitor those risks to our business. Our ERM process considers the likelihood and impact of climate-related risks and opportunities inherently embedded in this process.

Tractor Supply recognizes that climate change is one of the most pressing issues of our

generation. In response, we established ambitious carbon reduction goals in September of 2021. This commitment will reduce carbon emissions from our operations by 20% by 2025; 50% by 2030 and achieve net zero emissions by 2040.

At the same time, the Company hired a Director of Sustainability to help develop a holistic view of sustainability and strategic roadmap for achieving greenhouse reduction goals. The carbon roadmap provides a systematic approach to reducing our carbon footprint by actively pursuing opportunities to reduce energy consumption through efficiency measures, transitioning fossil fuels to renewables and finding operational improvements that will contribute to carbon reduction.

Tractor Supply is a member of the Environmental Protection Agency's SmartWay program. This program is focused on reducing our carbon footprint by improving freight efficiency in ways that reduce cost while benefiting the environment and strengthening our nation's economy and energy security. During negotiations with carriers, the SmartWay relationship is discussed in depth and is a crucial factor when considering onboarding a carrier.

Our Merchandising team, led by our Chief Merchandising Officer, evaluates opportunities to add products to our assortment that support our customers' desire to live more sustainably.

C2.2a

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	The Company believes environmental regulations relating to store and distribution center operations and products could increase our operating costs and prices for products we sell, which could result in lower demand for our products. These regulations include, but are not limited to, hazardous waste requirements, recycling requirements, product efficiency standards and product labelling requirements. These regulations also create potential opportunities for increased sales of higher efficiency and more sustainable products. Restriction of specific products in some states (OPE, refrigerants) can result in short-term loss of sales but offer the opportunity to innovate on alternative products for those markets and a broader national segment of green consumers.
Emerging regulation	Relevant, always included	The Company monitors emerging regulations directly or indirectly related to climate change. State-by-state regulation tracking and implementation can cause additional managerial requirements. Depending on the type of regulation, there may be a short-term loss of sales, but it could also offer an opportunity to innovate on alternative

		products for those markets and a broader national segment of green consumers. The Company also monitors regulations that may pose indirect impacts on our vendors, increased prices of fuel and various tax regulations.
Technology	Relevant, always included	The Company utilizes technology from third-party providers to monitor and forecast weather trends, natural disasters and climate-related risks that can impact sales and store operations. We also utilize and evaluate technologies that can monitor and reduce energy consumption to positively contribute to our carbon reduction goals.
Legal	Relevant, always included	The Company considers legal risks related to climate change and environmental issues. Steps are taken to mitigate these risks, including the development of environmental compliance programs to ensure compliance with all relevant laws and regulations.
Market	Relevant, always included	The Company is increasing our offering of sustainable products that help customers reduce their footprint and adapt by becoming more resilient in a world with more extreme weather conditions. Additionally, continued increases in extreme weather events and changes in average temperatures may result in changes to customer buying patterns and the products we sell.
Reputation	Relevant, always included	The Company values the perspectives of our stakeholders for Tractor Supply to reduce carbon emissions while transitioning to a low-carbon economy. We are committed to transparency around our progress towards carbon reduction goals and efforts to improve our operational footprint and product offerings.
Acute physical	Relevant, always included	The Company considers the rapid and direct impact on operations, supply chain, and surrounding communities from extreme climate events such as wildfires, droughts, and floods. Recognizing the importance of taking action to mitigate damage, we have a 24/7 service that provides real-time weather updates and alerts. The Company also has disaster recovery plans designed to quickly restore business operations.
Chronic physical	Relevant, always included	The Company considers changing weather patterns and shifting climatic zones and their impact on operations, supply chain, and product availability and selection. We recognize these changes may lead to higher operating costs for the Company, leading to an investment in sustainable technologies for a more resilient building portfolio. We also consider alternative scenarios in our supply chain and sourcing models to minimize disruption. We believe the impact in changing weather patterns and shifting climatic zones on our customers will require new products to help adapt their home, farm or ranch more to become more resilient.

C2.3

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Acute physical

Other, please specify

Hurricanes, Floods and Wildfires

Primary potential financial impact

Other, please specify

Increased indirect (operating costs), Disruption of Supply Chain, Changes in buying patterns

Company-specific description

The risks identified with extreme and sudden weather such as hurricanes and/or floods can result in increased operational costs related to building repairs, loss of sales and supply chain disruption that slow the removal and replacement of damaged unsaleable merchandise. The risk of hurricane or flood damage is higher for stores located in the south-southeast region of the country. Likewise, stores located in western more arid states tend to experience higher risk of wildfires. The ability to make quick building repairs may be complicated by loss of energy services, and availability of materials as well as disaster recovery services. The temporary disruption in supply chain and ability to replenish merchandise to restricted access to impacted areas may cause a short-term impact to revenue.

Time horizon

Short-term

Likelihood

Likely

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

1,000,000

Potential financial impact figure – maximum (currency)

5,000,000

Explanation of financial impact figure

Potential costs for various natural disaster scenarios are determined by modelling conducted by a 3rd party to assess insurance thresholds as part of annual renewal process.

Cost of response to risk

6,000,000

Description of response and explanation of cost calculation

Cost reflects direct expenses to the company to manage risk response.

Comment

No additional comment

Identifier

Risk 2

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Emerging regulation

Mandates on and regulation of existing products and services

Primary potential financial impact

Increased indirect (operating) costs

Company-specific description

Product restrictions will reduce sales for products subject to emerging regulations, with the possibility that there is no immediate sustainable alternative as a replacement. Labelling regulations could require additional testing protocols and potentially increase the cost of goods resulting in a decrease in customer sentiment. Tracking and complying with new and emerging regulations requires resources to implement policies and procedures within the supply chain to ensure compliance with regulations. Emerging Extended Producer Responsibility (EPR) requirements will result direct and

indirect costs to operations, national trend to reduce or eliminate plastics in products and package and apparel.

Time horizon

Short-term

Likelihood

Likely

Magnitude of impact

Unknown

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

The impact has not been financially quantified.

Cost of response to risk

Description of response and explanation of cost calculation

The impact has not been financially quantified.

Comment

We continue to monitor emerging regulations and track mandates on products and services to understand potential impacts on our business.

C2.4

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.4a

(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Opp1

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Resource efficiency

Primary climate-related opportunity driver

Move to more efficient buildings

Primary potential financial impact

Reduced indirect (operating) costs

Company-specific description

Tractor Supply reduced its energy expense by $12,000,000 per year since completing the conversion of all existing stores to LED lighting in 2017. The Company also opens all new stores with LED lighting, which saves $8,400 per year, per store versus fluorescent lamps in energy (kWh). The Company has reduced the load profile of its locations by more than 50MW per year.

During the reporting period, additional LED lighting was being retrofitted for external store signage, external wall sconces, and distribution center high bay applications. We anticipate a completion of all LED lighting initiatives by 2024. Once completed, we anticipate a load profile reduction of approximately 10MW per year.

For Tractor Supply stores, the Energy Management System (EMS) manages lighting and HVAC usage to make energy consumption more efficient. Internal lighting controls are based on occupancy and hours of operation to avoid excess usage. Exterior lights are based upon photo-intensity to avoid excess usage. The EMS uses ‘Smart Start’ program for HVAC scheduling to bring units online in a staged sequence to minimize energy use, maintenance, and utility expense by approximately $3M per year.

Time horizon

Long-term

Likelihood

Virtually certain

Magnitude of impact

Medium

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

12,000,000

Potential financial impact figure – maximum (currency)

17,000,000

Explanation of financial impact figure

Energy efficiency projects reduced cost associated with both consumption and demand charges.

Cost to realize opportunity

35,000,000

Strategy to realize opportunity and explanation of cost calculation

Reviewed network of properties to identify a hierarchy of need based on age of lighting units and type. Established a schedule to systematically retrofit properties with more energy efficient LED lighting. Cost was estimated based on material and labor factors.

Comment

Tractor Supply reduced operational expenses and carbon footprint from Scope 2 emissions.

Identifier

Opp2

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Products and services

Primary climate-related opportunity driver

Shift in consumer preferences

Primary potential financial impact

Increased revenues through access to new and emerging markets

Company-specific description

Emerging regulations may create opportunities to innovate and offer more sustainable products to our customers as they adapt their home, farm, or ranch to become more resilient to climate change.

Time horizon

Short-term

Likelihood

Likely

Magnitude of impact

Medium

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact figure

We do not have this impact figure at this time

Cost to realize opportunity

Strategy to realize opportunity and explanation of cost calculation

We are actively considering these opportunities in our strategy and long-term planning.

Comment

Not Applicable

C3. Business Strategy

C3.1

(C3.1) Does your organization's strategy include a climate transition plan that aligns with a 1.5°C world?

Row 1

Climate transition plan

No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a climate transition plan within two years

Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world and any plans to develop one in the future

We have short, medium, and long-term carbon reduction goals for our operational footprint that align with a Science-based Target timelines for Scope 1 and 2, including a net zero target by 2040. We continue to identify, understand, and mitigate the physical and transitional risks of climate change on our business and operations.

We have an annual process for evaluating industry scenarios across our business operations ranging from business-as-usual to potential impacts from legislation and other pressures. This will form the basis for integrating further climate-related scenarios

into our business planning efforts.

C3.2

(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

	Use of climate-related scenario analysis to inform strategy	Primary reason why your organization does not use climate-related scenario analysis to inform its strategy	Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future
Row 1	No, but we anticipate using qualitative and/or quantitative analysis in the next two years	Important but not an immediate priority	As our program evolves, we will be including scenario analysis in conversations with the Executive Committee and Board of Directors.

C3.3

(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	We have expanded the number of products that are energy efficient and environmentally friendly to help our customers lead a more sustainable lifestyle. This is influenced by increased sales of sustainable and energy efficient products.
Supply chain and/or value chain	Yes	We continue look for ways to drive the efficiency of our supply chain and reduce its impact on the environment, including more local and regional sourcing of products, addition of new distribution centers and smaller mini-distribution centers, increased use of rail transportation, participation in the EPA's Smart Way program and other steps to reduce our fuel consumption.
Investment in R&D	No	Climate-risks and opportunities have not yet influenced our R&D investment strategy.
Operations	Yes	The Company has invested significantly in making its facilities more energy efficient using more sustainable building design. These investments include two major

		facilities that are LEED® Silver Certified and one Gold LEED® Certified facility with constructed in 2022.

C3.4

(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Direct costs Indirect costs	Decarbonization projects are evaluated by the Capital Review Committee. Sustainable building design and technologies are reviewed by the Real Estate Strategy Committee.

C3.5

(C3.5) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?

	Identification of spending/revenue that is aligned with your organization's climate transition
Row 1	No, but we plan to in the next two years

C4. Targets and performance

C4.1

(C4.1) Did you have an emissions target that was active in the reporting year?

Absolute target

C4.1a

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Target reference number

Abs 1

Is this a science-based target?

No, but we anticipate setting one in the next two years

Target ambition

Year target was set
2021

Target coverage
Company-wide

Scope(s)
Scope 1
Scope 2

Scope 2 accounting method
Market-based

Scope 3 category(ies)

Base year
2020

Base year Scope 1 emissions covered by target (metric tons CO2e)
63,622

Base year Scope 2 emissions covered by target (metric tons CO2e)
171,927

Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)

Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)

Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)

Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

Base year total Scope 3 emissions covered by target (metric tons CO2e)

Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

235,549

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

27

Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

73

Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)

Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)

Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)

Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)

Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)

Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)

Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)

Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)

Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

Target year

2025

Targeted reduction from base year (%)

20

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

188,439.2

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

70,000

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

149,000

Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)

Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)

Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

219,000

Does this target cover any land-related emissions?

No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

% of target achieved relative to base year [auto-calculated]

35.1285719744

Target status in reporting year

Underway

Please explain target coverage and identify any exclusions

Our journey to net zero carbon emissions by 2040 includes a short-term goal of reducing emissions by 20% by 2025 and mid-term goal of reducing emissions by 50% by 2030 from a 2020 baseline. Our climate pledge covers Scope 1 and 2 emissions from our operational footprint.

We do not have land-related emission in our company footprint.

Plan for achieving target, and progress made to the end of the reporting year

We are making progress toward our 2025 incremental carbon reduction goal of decarbonization of operations by 20% from 2020 baseline emissions. We will continue to improve energy efficiency in our buildings as well as install renewable energy such as solar at some locations.

Focused efforts on building energy efficiency projects such as LED lighting upgrades and continued roll-out of energy management system.

In 2022, we installed a 3MW solar array at our new Distribution Center in Navarre, OH that will provide enough solar to meet the buildings energy needs. We expect to commission the system in late 2023.

List the emissions reduction initiatives which contributed most to achieving this target

C4.2

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Net-zero target(s)
Other climate-related target(s)

C4.2b

(C4.2b) Provide details of any other climate-related targets, including methane reduction targets.

Target reference number
Oth 1

Year target was set
2019

Target coverage
Company-wide

Target type: absolute or intensity
Absolute

Target type: category & Metric (target numerator if reporting an intensity target)
Energy consumption or efficiency
kWh

Target denominator (intensity targets only)

Base year
2019

Figure or percentage in base year
3,600,000

Target year
2022

Figure or percentage in target year
80,000,000

Figure or percentage in reporting year
104,812,000

% of target achieved relative to base year [auto-calculated]
132.4764397906

Target status in reporting year
Achieved

Is this target part of an emissions target?

Yes, it is part of a Company goal to increase its level of renewable energy for electricity and to reduce greenhouse gas emissions.

Is this target part of an overarching initiative?

Other, please specify

Renewable Energy Procurement Target

Please explain target coverage and identify any exclusions

Target coverage includes all Tractor Supply locations.

Plan for achieving target, and progress made to the end of the reporting year

List the actions which contributed most to achieving this target

Management support for increasing the purchases of renewable energy.

Target achieved.

C4.2c

(C4.2c) Provide details of your net-zero target(s).

Target reference number

NZ1

Target coverage

Company-wide

Absolute/intensity emission target(s) linked to this net-zero target

Abs1

Target year for achieving net zero

2040

Is this a science-based target?

No, but we anticipate setting one in the next two years

Please explain target coverage and identify any exclusions

Net-zero from operations. This target ambition is 1.5C aligned.

Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?

No

Planned milestones and/or near-term investments for neutralization at target year

Planned actions to mitigate emissions beyond your value chain (optional)

C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	6	2,000
To be implemented*	1	10
Implementation commenced*	1	30
Implemented*	0	0
Not to be implemented	0	0

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Initiative category & Initiative type

Energy efficiency in buildings
Lighting

Estimated annual CO2e savings (metric tonnes CO2e)

30

Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 2 (location-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

1,600,000

Investment required (unit currency – as specified in C0.4)

3,200,000

Payback period

1-3 years

Estimated lifetime of the initiative

6-10 years

Comment

Multiyear project to replace inefficient exterior lighting with LED fixtures. In 2022 , 444 exterior signs were retrofitted and 170 sets of exterior wall packs were retrofitted.

C4.3c

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Method	Comment
Financial optimization calculations	New stores and remodels of existing building are designed to comply with appropriate jurisdictional energy codes.
Partnering with governments on technology development	Tractor Supply partners with the Tennessee Valley Authority (TVA) and local utilities to explore and benchmark energy efficiency and operations opportunities.
Other	Many jurisdictions are requiring buildings to disclose their energy efficiency status for public information. Exploring Energy Star tests with the TVA affords the Company the opportunity to test such a scoring mechanism.

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?

Yes

C4.5a

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products.

Level of aggregation

Group of products or services

Taxonomy used to classify product(s) or service(s) as low-carbon

No taxonomy used to classify product(s) or service(s) as low carbon

Type of product(s) or service(s)

Other

Other, please specify

LED lighting, Low density plastics, solar powered gates and fencing equipment

Description of product(s) or service(s)

Tractor Supply listed over 450 products under the solar umbrella. These products range from solar-powered lights to solar-powered gate openers. In addition, the Company sells the Tuff Stuff brand products for stock tanks, feed pans and mixing tubs that are made from 100% recycled LDPE flexible plastic. The Company sells weather-stripping, pipe insulation and foam insulation to help our customers save and reduce energy usage. These products are available through our store footprint and online.

Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

No

Methodology used to calculate avoided emissions

Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Functional unit used

Reference product/service or baseline scenario used

Life cycle stage(s) covered for the reference product/service or baseline scenario

Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

Explain your calculation of avoided emissions, including any assumptions

Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

C5. Emissions methodology

C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?

No

C5.1a

(C5.1a) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

Row 1

Has there been a structural change?

Yes, an acquisition

Name of organization(s) acquired, divested from, or merged with

Orscheln Farm and Home stores.

Details of structural change(s), including completion dates

TSC acquired 81 OFH properties in Oct. 2022.

C5.1b

(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
Row 1	Yes, a change in methodology No	Enhanced methodology for calculating Scope 3 GHG emissions in 2022. Category 1 (Purchased Goods & Services) data replaced spend-based emission factors with activity-based emissions factors. Expanded product categories included in Category 11 (Use of Sold Products) and refined use-phase assumptions. Category 4 (Upstream Transportation & Distribution) was updated to include emissions previously allocated to Category 9 (Downstream Transportation & Distribution).

C5.1c

(C5.1c) Have your organization's base year emissions and past years' emissions been recalculated as a result of any changes or errors reported in C5.1a and/or C5.1b?

	Base year recalculation	Base year emissions recalculation policy, including significance threshold	Past years' recalculation

Row 1	No, because we do not have the data yet and plan to recalculate next year		No

C5.2

(C5.2) Provide your base year and base year emissions.

Scope 1

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
63,622

Comment
The year 2020 has been set as the new baseline year for Tractor Supply Company as well as the transition from an intensity metric to absolute emission reduction targets.

Scope 2 (location-based)

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
171,927

Comment

Scope 2 (market-based)

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
185,409

Comment

Scope 3 category 1: Purchased goods and services

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
2,526,830

Comment

Scope 3 category 2: Capital goods

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
56,549

Comment

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
46,894

Comment

Scope 3 category 4: Upstream transportation and distribution

Base year start
January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

236,293

Comment

Scope 3 category 5: Waste generated in operations

Base year start

January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

59,815

Comment

Scope 3 category 6: Business travel

Base year start

January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

2,046

Comment

Scope 3 category 7: Employee commuting

Base year start

January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

47,563

Comment

Scope 3 category 8: Upstream leased assets

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
0

Comment

Scope 3 category 9: Downstream transportation and distribution

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
36,601

Comment

Scope 3 category 10: Processing of sold products

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
0

Comment

Scope 3 category 11: Use of sold products

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
7,462,011

Comment

Scope 3 category 12: End of life treatment of sold products

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
675,961

Comment

Scope 3 category 13: Downstream leased assets

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
0

Comment
Question not applicable. Tractor Supply does not engage in any operation of downstream assets. Therefore, this category is not relevant.

Scope 3 category 14: Franchises

Base year start
January 1, 2020

Base year end
December 31, 2020

Base year emissions (metric tons CO2e)
0

Comment
Question not applicable. Tractor Supply does not operate any franchises. Therefore, this category is not relevant.

Scope 3 category 15: Investments

Base year start
January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

0

Comment

Question not applicable. Tractor Supply does not hold a significant amount of financial assets for the sole purpose of generating a financial return. Due to the insignificance of financial assets in our business strategy and revenue models, this category is excluded.

Scope 3: Other (upstream)

Base year start

January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

0

Comment

No other upstream emissions

Scope 3: Other (downstream)

Base year start

January 1, 2020

Base year end

December 31, 2020

Base year emissions (metric tons CO2e)

0

Comment

No other downstream emissions.

C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)
70,000

Start date
January 1, 2022

End date
December 31, 2022

Comment

Past year 1

Gross global Scope 1 emissions (metric tons CO2e)
68,000

Start date
January 1, 2021

End date
December 31, 2021

Comment

C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Row 1

Scope 2, location-based
We are reporting a Scope 2, location-based figure

Scope 2, market-based
We are reporting a Scope 2, market-based figure

Comment

Tractor Supply is reporting both location and market-based figures to increase transparency and as we have access to grid emission data and to supplier data for renewable electricity purchase contracts.

C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

Scope 2, location-based

185,000

Scope 2, market-based (if applicable)

149,000

Start date

January 1, 2022

End date

December 31, 2022

Comment

Past year 1

Scope 2, location-based

168,000

Scope 2, market-based (if applicable)

168,000

Start date

January 1, 2021

End date

December 31, 2021

Comment

C6.4

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Yes

C6.4a

(C6.4a) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.

Source of excluded emissions

TSC acquired 81 Orscheln Farm and Home locations in October, 2022. Sufficient data has not arrived to make the appropriate calculations.

Scope(s) or Scope 3 category(ies)

Scope 1
Scope 2 (location-based)
Scope 2 (market-based)
Scope 3: Purchased goods and services
Scope 3: Capital goods
Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)
Scope 3: Upstream transportation and distribution
Scope 3: Waste generated in operations
Scope 3: Business travel
Scope 3: Employee commuting
Scope 3: Upstream leased assets
Scope 3: Downstream transportation and distribution
Scope 3: Processing of sold products
Scope 3: Use of sold products
Scope 3: End-of-life treatment of sold products
Scope 3: Downstream leased assets
Scope 3: Franchises
Scope 3: Investments
Scope 3: Other (upstream)
Scope 3: Other (downstream)

Relevance of Scope 1 emissions from this source

Emissions are relevant but not yet calculated

Relevance of location-based Scope 2 emissions from this source

Emissions are relevant but not yet calculated

Relevance of market-based Scope 2 emissions from this source

Emissions are relevant but not yet calculated

Relevance of Scope 3 emissions from this source

Emissions are relevant but not yet calculated

Date of completion of acquisition or merger

Estimated percentage of total Scope 1+2 emissions this excluded source represents

3

Estimated percentage of total Scope 3 emissions this excluded source represents

4

Explain why this source is excluded

data not available for GHG calculations.

Explain how you estimated the percentage of emissions this excluded source represents

The number of stores acquired is roughly equal to the annual add of 'regular' TSC stores. Moreover, this acquisition occurred in October, 2022 thus even these 81 stores are not added for a full year.

C6.5

(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

7,094,000

Emissions calculation methodology

Hybrid method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

TractorSupply Co (TSC) generated a CY2022 purchased goods report, which estimated emissions for purchased products using a combination of life cycle assessment and EPA EEIO spend-based data https://www.epa.gov/land-research/us-environmentally-extended-input-output-useeio-models. For purchased goods, Tractor selected the top 5 product categories contributing to category 1 emissions (pet food, seed & feed, compressors, tractors, metals and plastics) to do mini LCAs for and the remainder of the purchased goods emissions were calculated using EEIO data. The mini-LCAs were done on a mass basis as mass data for these products was available. The LCAs were done by 1) identifying the product types in each product category 2) conducting literature searches to build a bill-of-materials (BOM) for each product category 3) using

ecoinvent and agrifootprint databases to derive emission factors for BOMs 4) estimating emissions by calculating mass of product purchased by TSC by emission factors.

For purchased services, Tractor Supply Co (TSC) obtained the 2022 general ledger with spend on different purchased services. Each category of purchased services was matched to an emission factor using EPA EEIO spend-based emission factors. https://www.epa.gov/land-research/us-environmentally-extended-input-output-useeio-models

Capital goods

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

151,000

Emissions calculation methodology

Spend-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Tractor Supply Co (TSC) obtained a capital expenditures report for 2022, with spend on different categories of capital goods. Each category of spend on capital goods was matched to an emission factor using EPA EEIO spend-based emission factors. https://www.epa.gov/land-research/us-environmentally-extended-input-output-useeio-models

Fuel-and-energy-related activities (not included in Scope 1 or 2)

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

74,000

Emissions calculation methodology

Average data method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Total fuel (i.e., natural gas, motor diesel, motor gasoline, propane. ethanol, and kerosene) and electricity usage data were sourced from Tractor Supply Co.'s Scope 1 and 2 GHG Inventory. Quantified Category 3 emissions include upstream emissions

("WTT") of purchased fuels and purchased electricity, as well as transmission and distribution (T&D) losses. The emission factors for these elements were sourced from United Kingdom's Department of Environment, Food, and Rural Affairs (DEFRA) and the International Energy Agency (IEA), respectively. To calculate the associated emissions for each element, total fuel/energy consumption values were multiplied by their respective emission factors.

Upstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

301,000

Emissions calculation methodology

Fuel-based method

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

50

Please explain

Tractor Supply Co. obtained an emissions report directly from supply chain partner FedEx summarizing total emissions for CY2022 freight transport as well as from supply chain partner UPS summarizing total emissions for CY2022 freight transport.

Tractor Supply Co. contracts with "Roadie Delivery" service to facilitate a portion of their customer deliveries. The distance-based method was employed to calculate emissions from this provider. Tractor Supply Co. maintains the number of truck trips conducted by this service provider over the calendar year. Mileage estimates were then calculated based on an assumed 16-mile one-way distance. The distance-based emission factors for "medium- to heavy-duty truck" sourced from Table 10 from Emission Factors for Greenhouse Gas Inventories (EPA Center for Corporate Climate Leadership; April 2022) https://www.epa.gov/climateleadership/ghg-emission-factors-hub.
Emissions totals were provided by Tractor Supply partners via the EPA SmartWay tool for contracted transportation and distribution activities in CY2022. As per the 2022 EPA SmartWay LTL Carbon Calculator Technical Documentation, fuel consumption is estimated based on distance traveled and average fuel efficiency of the transportation mode, which is then multiplied by a "per gallon" diesel fuel emission factor. Note: SmartWay data for CY2022 was not available at the time of this CDP disclosure, so the 2021 emissions report from SmartWay was used in absence of the 2022 data (consistent with the prior year's CDP reporting, i.e., one year behind).
Emissions totals were provided by Expeditors (ocean-bound freight, some air freight, some truck freight) for contracted transportation and distribution activities in CY2022. The Expeditor calculation is conducted through the use of a third-party software, EcoTransIT, which similarly starts by estimating fuel consumption, then multiplies the

consumption estimate by a "per gallon" emission factor for heavy fuel oil or marine fuel oil, depending on the assumed ocean vessel. The fuel consumption estimate is dependent on a number of variables such as distance traveled, cargo weight, design speed, engine power requirements, among others. (https://www.ecotransit.org/en/methodology/)

Waste generated in operations

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

54,000

Emissions calculation methodology

Average data method

Waste-type-specific method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

Please explain

Tractor Supply Co. provided the mass of waste disposal for various waste streams across all Stores and Distribution Centers, as tracked by Rubicon Technologies, Inc. In general, emission factors were sourced from Table 9 of EPA's Emission Factors for Greenhouse Gas Inventories (EPA Center for Corporate Climate Leadership; April 2022 https://www.epa.gov/climateleadership/ghg-emission-factors-hub). Tractor Supply Co.'s waste streams were broadly categorized into the following material types to align with material categories from EPA: Mixed MSW, Corrugated Containers (for cardboard boxes), Dimensional Lumber (for wooden pallets), Mixed Metals, Mixed Paper (general), Mixed Recyclables, Mixed Plastics, and Food Waste. For recycling Construction & Demolition (C&D) material, the averge EPA factor for recycling based on the average recycling emission factors for Concrete, Asphalt Shingles, and Fiberglass Insulation (available factors for common C&D materials). For Mixed MSW where landfilling or incineration was not known, a weighted average emission factor was derived from the factors for these two disposal methods, based on information presented here: https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/national-overview-facts-and-figures-materials.

An emission factor for hazardous waste disposal (underground deposits) was sourced from the latest version of the Ecoinvent LCA database and applied to compiled mass of "RCRA Hazardous Waste".

Business travel

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

9,000

Emissions calculation methodology

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

75

Please explain

For commercial air travel, per-leg flight distances (with seat classification) were provided in a travel vendor report. DEFRA/BEIS 2022 emission factors were applied based on the seat classification and flight distance to calculate emissions.

For charter flights, per-flight fuel consumption was estimated based on flight time and an average fuel burn rate for fixed wing turbojets sourced from the USFAA. The Emission Factors for Greenhouse Gas Inventories (EPA Center for Corporate Climate Leadership; April 2022) emission factor for jet fuel was applied to calculate emissions (Tables 2 and 5). https://www.epa.gov/climateleadership/ghg-emission-factors-hub.
For hotel stay, the number of nights employees stayed in hotels (provided in a travel agency report) was multiplied by the 2022 DEFRA/BEIS emission factor for hotel stays in the United States and Canada (in kg CO2e per night) to calculate emissions.

For personal vehicle mileage reimbursement, distance traveled was estimated by dividing reimbursement amount (in dollars) by the corresponding reimbursement rates (Jan 1-Mar 14: $0.545/mile, Mar 15-Jun 30: $0.585/mile, Jul 1-Dec 31: $0.625/mile). An averaged emission factor was derived from "passenger vehicles" and "light-duty trucks" sourced from the Emission Factors for Greenhouse Gas Inventories (EPA Center for Corporate Climate Leadership; April 2022) (Table 10) to the estimated vehicle miles to calculate emissions. https://www.epa.gov/climateleadership/ghg-emission-factors-hub.

For rental cars, total annual fuel consumption was estimated by dividing the total amount spent on fuel (in dollars) per month by the average monthly price of gasoline in the US in 2022, sourced from the US Energy Information Agency. The Climate Registry 2022 emission factors for mobile gasoline (Tables 2.1 and 2.9) were applied to estimated fuel consumption to calculate emissions.

Employee commuting

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

118,000

Emissions calculation methodology

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Tractor Supply Co (TSC) generated a CY2022 employee commuting report, with estimated one-way commute distance for each full-time and part-time employee across five datasets: TSC Stores, TSC Distribution Centers, Orscheln Stores, Petsense Stores, and FAST (field activity support team). One way Mileage is multiplied by two to yield round-trip mileage, and then summed separately for part-time and full-time employees. These results are multiplied by 5 days per week for part-time employees, and 6 days per week for full-time employees and by an assumed 48 working weeks per year. This total mileage was then multiplied by the average of emission factors for "passenger vehicles" and "light-duty trucks" sourced from the Emission Factors for Greenhouse Gas Inventories (EPA Center for Corporate Climate Leadership; April 2022) (Table 10) to quantify total Category 7 emissions. https://www.epa.gov/climateleadership/ghg-emission-factors-hub.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

Based on TSC's operational control approach for the scope 1 & 2 GHG inventory, all emissions from upstream leased assets are captured and included in the scope 1 & 2 inventory.

Downstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

0.09

Emissions calculation methodology

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Some Tractor Supply Co merchandise is shipped to consumers via a third party (Assembler's Inc), primarily gun safes. Tractor Supply Co. estimates the average weight

of sold gun safes to be 375 lbs. The home delivery mileage and estimated shipment weight were used to calculate the ton-miles per delivery. Emission factors were sourced from Table 8 of EPA's Emission Factors for Greenhouse Gas Inventories (EPA Center for Corporate Climate Leadership; April 2022) for "medium and heavy duty trucks" (kg CO2e / ton-mile). https://www.epa.gov/climateleadership/ghg-emission-factors-hub.

Processing of sold products

Evaluation status

Not relevant, explanation provided

Please explain

Question not applicable. As a retailer, Tractor Supply does not sell any intermediate goods. All sold products are final goods. This scope 3 category is not relevant for the Tractor Supply value chain.

Use of sold products

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

18,700,000

Emissions calculation methodology

Average data method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Tractor Supply Co. (TSC) first identified all product categories with use phase emissions, defined as product categories that require electricity or fuel to run. TSC then selected the top selling SKU as the representative product to model for each product category with use phase emissions. Using product specifications and desktop research and consulting TSC's internal product develop team, TSC developed use phase assumptions for each representative product. Specific SKU emissions were then applied to all products in that product category, on a unit-basis.

End of life treatment of sold products

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

933,000

Emissions calculation methodology

Average data method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Tractor Supply Co (TSC) assigned all product categories a material designation of either a 1) durable good, 2) non-durable good, or 3) to be excluded (e.g., products that are completely consumed). All SKUs were assigned the material designation of their relevant product category. For departments such as pet food, "live goods," protection plans, and miscellaneous, they would be assigned an "excluded" designation as they would not follow a typical disposal method. Other departments, such as heating fuels would be assigned "excluded" as well, as their "end-of-life" would already be accounted for during their use phase. All other departments would be applied either the durable or non-durable designation.

TSC assigned the relevant EPA end-of-life statistics based on the material designations of durable or non-durable goods (e.g., % landfilled, %recycled, %incinerated, etc.) Emission factors were selected from ecoinvent 3.7 based on the weight of product landfill and incinerated. All products are treated as MSW due to difficulty of determining individual material types for each SKU.

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Please explain

Question not applicable. Tractor Supply does not engage in any operation of downstream leased assets. Therefore, this category is not relevant.

Franchises

Evaluation status

Not relevant, explanation provided

Please explain

Question not applicable. Tractor Supply does not operate any franchises. Therefore, this category is not relevant.

Investments

Evaluation status

Not relevant, explanation provided

Please explain

Question not applicable. Tractor Supply does not hold a significant amount of financial assets for the sole purpose of generating a financial return. Due to the insignificance of financial assets in our business strategy and revenue model, this category is considered not material and excluded.

Other (upstream)

Evaluation status

Not evaluated

Please explain

Other (downstream)

Evaluation status

Not evaluated

Please explain

C6.5a

(C6.5a) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

Start date

January 1, 2021

End date

December 31, 2021

Scope 3: Purchased goods and services (metric tons CO2e)

7,845,000

Scope 3: Capital goods (metric tons CO2e)

132,000

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

72,000

Scope 3: Upstream transportation and distribution (metric tons CO2e)

267,000

Scope 3: Waste generated in operations (metric tons CO2e)

51,000

Scope 3: Business travel (metric tons CO2e)

7,000

Scope 3: Employee commuting (metric tons CO2e)

93,000

Scope 3: Upstream leased assets (metric tons CO2e)

0

Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

Scope 3: Processing of sold products (metric tons CO2e)

0

Scope 3: Use of sold products (metric tons CO2e)

18,100,000

Scope 3: End of life treatment of sold products (metric tons CO2e)

1,100,000

Scope 3: Downstream leased assets (metric tons CO2e)

0

Scope 3: Franchises (metric tons CO2e)

0

Scope 3: Investments (metric tons CO2e)

0

Scope 3: Other (upstream) (metric tons CO2e)

0

Scope 3: Other (downstream) (metric tons CO2e)

0

Comment

C6.7

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

No

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

0.00001542

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

219,010

Metric denominator

unit total revenue

Metric denominator: Unit total

14,204,000,000

Scope 2 figure used

Market-based

% change from previous year

16.9

Direction of change

Decreased

Reason(s) for change

Change in renewable energy consumption
Other emissions reduction activities
Change in revenue

Please explain

The revenue increased YOY and the amount of renewable energy in 2022 increased greatly versus 2021. Additionally, legacy lighting in various facilities were upgraded to LED fixtures.

Intensity figure

3.91

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

219,010

Metric denominator

square foot

Metric denominator: Unit total

55,996,966

Scope 2 figure used

Market-based

% change from previous year

10.01

Direction of change

Decreased

Reason(s) for change

Change in renewable energy consumption
Other emissions reduction activities
Other, please specify
additional square footage

Please explain

This decrease is in line with the reduced amount of Scope 1 and 2 emissions plus the maturation of previous energy efficiency steps and replacing failed lights with efficient LED lights. In addition, store growth organically added square footage.

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Yes

C7.1a

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).

Greenhouse gas	Scope 1 emissions (metric tons of CO2e)	GWP Reference
CO2	66,600	IPCC Fifth Assessment Report (AR5 – 100 year)
CH4	170	IPCC Fifth Assessment Report (AR5 – 100 year)
N2O	80	IPCC Fifth Assessment Report (AR5 – 100 year)
HFCs	3,150	IPCC Fifth Assessment Report (AR5 – 100 year)

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/area/region.

Country/area/region	Scope 1 emissions (metric tons CO2e)
United States of America	70,000

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

By business division

C7.3a

(C7.3a) Break down your total gross global Scope 1 emissions by business division.

Business division	Scope 1 emissions (metric ton CO2e)
Distribution Centers	3,843
Merchandise Innovation Center (MIC)	30
Tractor Supply Stores	66,127
Store Support Center (SSC)	0

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/area/region.

Country/area/region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
United States of America	185,000	149,000

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

By business division

C7.6a

(C7.6a) Break down your total gross global Scope 2 emissions by business division.

Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Distribution Centers	18,500	13,500
Merchandise innovation Center (MIC)	500	500
Tractor Supply Stores	164,000	133,000
Store Support Center (SSC)	2,000	2,000

C7.7

(C7.7) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Not relevant as we do not have any subsidiaries

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Decreased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change in emissions	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	18,652	Decreased	11	Tractor Supply increased its purchased of renewable energy by over 190 % versus 2021.
Other emissions reduction activities				
Divestment				
Acquisitions				
Mergers				
Change in output				
Change in methodology				
Change in boundary				
Change in physical operating conditions				
Unidentified				
Other	1,445	Increased	2	Tractor Supply added new stores during the year 2022.

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Market-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

More than 0% but less than or equal to 5%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	No

C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh

Consumption of fuel (excluding feedstock)	Unable to confirm heating value		354,661	354,661
Consumption of purchased or acquired electricity		104,812	376,890	481,702
Total energy consumption		104,812	731,551	836,363

C8.2b

(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	No
Consumption of fuel for the generation of heat	No
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Other biomass

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Other renewable fuels (e.g. renewable hydrogen)

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Coal

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Oil

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Gas

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Other non-renewable fuels (e.g. non-renewable hydrogen)

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

Comment

Total fuel

Heating value

Unable to confirm heating value

Total fuel MWh consumed by the organization

354,661

Comment

C8.2e

(C8.2e) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in C6.3.

Country/area of low-carbon energy consumption

United States of America

Sourcing method

Retail supply contract with an electricity supplier (retail green electricity)

Energy carrier

Electricity

Low-carbon technology type

Renewable energy mix, please specify

Tractor Supply doe snot specify the generation mix, just that this mix can be verified.

Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

104,812

Tracking instrument used

Contract

Country/area of origin (generation) of the low-carbon energy or energy attribute

United States of America

Are you able to report the commissioning or re-powering year of the energy generation facility?

No

Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

Comment

C8.2g

(C8.2g) Provide a breakdown by country/area of your non-fuel energy consumption in the reporting year.

Country/area

United States of America

Consumption of purchased electricity (MWh)

481,702

Consumption of self-generated electricity (MWh)

0

Consumption of purchased heat, steam, and cooling (MWh)

354,661

Consumption of self-generated heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

836,363

C9. Additional metrics

C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

Description

Metric value

Metric numerator

Metric denominator (intensity metric only)

% change from previous year

Direction of change

Please explain

Not disclosed.

C10. Verification

C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	No third-party verification or assurance
Scope 2 (location-based or market-based)	No third-party verification or assurance
Scope 3	No third-party verification or assurance

C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

No, we are waiting for more mature verification standards and/or processes

C11. Carbon pricing

C11.1

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

No, and we do not anticipate being regulated in the next three years

C11.2

(C11.2) Has your organization canceled any project-based carbon credits within the reporting year?

No

C11.3

(C11.3) Does your organization use an internal price on carbon?

No, and we do not currently anticipate doing so in the next two years

C12. Engagement

C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers

Yes, our customers/clients

C12.1a

(C12.1a) Provide details of your climate-related supplier engagement strategy.

Type of engagement

Information collection (understanding supplier behavior)

Details of engagement

Collect GHG emissions data at least annually from suppliers

% of suppliers by number

20

% total procurement spend (direct and indirect)

% of supplier-related Scope 3 emissions as reported in C6.5

93

Rationale for the coverage of your engagement

Represents top 2/3 of vendor-related emissions within Scope 3.

Impact of engagement, including measures of success

In 2022 we reached out to the top 2/3 emitters within our scope 3 emissions. Based on response levels, we identified a need to further educate our vendor partners.

Comment

Tractor Supply has ongoing discussions with suppliers and vendors about climate-related issues and innovation to positively affect the environment. Tractor Supply supports the use of safe and sustainable materials in our product packaging. Suppliers are required to make every effort to use recyclable, compostable or biodegradable packaging component materials. Rigid PVC plastics are not a preferred component in our packaging programs based on recoverability, and alternative solutions are required whenever possible.

C12.1b

(C12.1b) Give details of your climate-related engagement strategy with your customers.

Type of engagement & Details of engagement

Education/information sharing

Share information about your products and relevant certification schemes (i.e. Energy STAR)

% of customers by number

% of customer - related Scope 3 emissions as reported in C6.5

Please explain the rationale for selecting this group of customers and scope of engagement

We attempt to engage our customers through educational materials, social media and marketing materials.

Impact of engagement, including measures of success

The impact has been positive, but we have not yet quantified it.

C12.2

(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?

No, and we do not plan to introduce climate-related requirements within the next two years

C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

Row 1

External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

Yes, our membership of/engagement with trade associations could influence policy, law, or regulation that may impact the climate

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

No, but we plan to have one in the next two years

Describe the process(es) your organization has in place to ensure that your external engagement activities are consistent with your climate commitments and/or climate transition plan

Not disclosed at this time

C12.3b

(C12.3b) Provide details of the trade associations your organization is a member of, or engages with, which are likely to take a position on any policy, law or regulation that may impact the climate.

Trade association

Other, please specify

National Retail Federation (NRF)

Is your organization's position on climate change policy consistent with theirs?

Mixed

Has your organization attempted to influence their position in the reporting year?

No, we did not attempt to influence their position

Describe how your organization's position is consistent with or differs from the trade association's position, and any actions taken to influence their position

Tractor Supply agrees with NRF priority to improve the current transportation system in order to end bottlenecks and inefficiencies and make it easier for American companies to transport goods with less impact on the environment.

Funding figure your organization provided to this trade association in the reporting year (currency as selected in C0.4)

50,000

Describe the aim of your organization's funding

Tractor Supply Company is an active member of the National Retail Federation. Tractor Supply Company is looking forward to making a positive impact toward sustainable outcomes, which can be seen across major trends such as:
• Driving Efficiency, Reuse, and Recycling
• Advancing Renewable Energy
• Reducing Carbon Emissions
• Growing Sustainable Investment

Have you evaluated whether your organization's engagement with this trade association is aligned with the goals of the Paris Agreement?

No, we have not evaluated

Trade association

Other, please specify

Retail Industry Leaders Association (RILA)

Is your organization's position on climate change policy consistent with theirs?

Mixed

Has your organization attempted to influence their position in the reporting year?

No, we did not attempt to influence their position

Describe how your organization's position is consistent with or differs from the trade association's position, and any actions taken to influence their position

As a member of Retailers Industry Leaders Association (RILA), Tractor Supply provided input and comments to RILA's response letter on behalf of its members retailers to the US Securities and Exchange Commission's (SEC) proposal on The Enhancement and Standardization of Climate-Related Disclosures for Investors.

Funding figure your organization provided to this trade association in the reporting year (currency as selected in C0.4)

35,000

Describe the aim of your organization's funding

Tractor Supply Company is an active member of the Retail Industry Leaders Association. Tractor Supply Company is looking forward to making a positive impact toward sustainable outcomes, which can be seen across major trends such as:
• Driving Efficiency, Reuse, and Recycling
• Advancing Renewable Energy
• Reducing Carbon Emissions
• Growing Sustainable Investment

Have you evaluated whether your organization's engagement with this trade association is aligned with the goals of the Paris Agreement?

No, we have not evaluated

C12.4

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Publication

In voluntary sustainability report

Status

Complete

Attach the document

7-12-23-TSCO23-ESG-Tear-Sheet-FINAL.pdf

Page/Section reference

Pg. 7

Content elements

Governance
Emissions figures
Emission targets
Other metrics

Comment

We publish climate and other environment metrics in our Stewardship tearsheet or full report each year along with a full TCFD report.

C12.5

(C12.5) Indicate the collaborative frameworks, initiatives and/or commitments related to environmental issues for which you are a signatory/member.

	Environmental collaborative framework, initiative and/or commitment
Row 1	We are not a signatory/member of any collaborative framework, initiative and/or commitment related to environmental issues

C15. Biodiversity

C15.1

(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

	Board-level oversight and/or executive management-level responsibility for biodiversity-related issues
Row 1	

C15.2

(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

	Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity
Row 1	

C15.3

(C15.3) Does your organization assess the impacts and dependencies of its value chain on biodiversity?

Impacts on biodiversity

Indicate whether your organization undertakes this type of assessment

Dependencies on biodiversity

Indicate whether your organization undertakes this type of assessment

C15.4

(C15.4) Does your organization have activities located in or near to biodiversity-sensitive areas in the reporting year?

C15.5

(C15.5) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Have you taken any actions in the reporting period to progress your biodiversity-related commitments?
Row 1	

C15.6

(C15.6) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1		

C15.7

(C15.7) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located

C16. Signoff

C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Director, Sustainability	Other, please specify Director of Sustainability

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public

Please confirm below

I have read and accept the applicable Terms