



2021 GRI CONTENT INDEX
ISSUE BRIEFS
& DATA

Certified



Corporation

GRI CONTENT INDEX

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102-3	Location of headquarters	2021 Comprehensive GRI Data
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102-6	Markets served	2021 Comprehensive GRI Data
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INDICATOR	INDICATOR DESCRIPTION	LOCATION OF ISSUE BRIEFS AND DATA
102-52	Reporting cycle	2021 Comprehensive GRI Data
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ECONOMIC PERFORMANCE

GRI 201: Economic Performance 2016

103-1	Explanation of the material topic and its Boundary	Economic Performance
103-2	The management approach and its components	Economic Performance
103-3	Evaluation of the management approach	Economic Performance
201-1	Direct economic value generated and distributed	As a privately held cooperative, we have chosen to maintain confidentiality and omit the disclosure of any financial goals and performance metrics.
201-2	Financial implications and other risks and opportunities due to climate change	Economic Performance

HEALTHFUL COWS

N/A (see Note)

103-1	Explanation of the material topic and its Boundary	Animal Welfare
103-2	The management approach and its components	Animal Welfare
103-3	Evaluation of the management approach	Animal Welfare
TCCA KPI	FARM Program and Validus participation: Percent participation of total milk supply	Scorecard, pg 19
TCCA KPI	Somatic Cell Count: Percent of total milk supply below 200k somatic cell count	Scorecard, pg 19
Note	TCCA is not using a GRI Standard to report on this topic. We follow the internationally accepted “Five Freedoms” of good animal welfare, inspired by the World Organization for Animal Health, the Farmers Assuring Responsible Management (FARM) Program or equivalent (Validus) and the Dairy Sustainability Framework animal care criteria.	

INSPIRED CONSUMERS

GRI 204: Procurement Practices 2016

103-1	Explanation of the material topic and its Boundary	Responsible Sourcing
103-2	The management approach and its components	Responsible Sourcing
103-3	Evaluation of the management approach	Responsible Sourcing
TCCA KPI	Supplier Traceability: Percent participation in Stewardship Supplier Engagement Program covering suppliers, contract manufacturers and milk supplied to Tillamook and Boardman facilities	Scorecard, pg 19
204-1	Proportion of spending on local suppliers	The Stewardship Supplier Engagement Program is helping us gain traceability and transparency into our supply chain. It is our goal to report on this information in the near future.

INDICATOR	INDICATOR DESCRIPTION	LOCATION OF ISSUE BRIEFS AND DATA
GRI 416: Customer Health and Safety 2016		
103-1	Explanation of the material topic and its Boundary	Food Safety and Product Quality
103-2	The management approach and its components	Food Safety and Product Quality
103-3	Evaluation of the management approach	Food Safety and Product Quality
416-1	Assessment of the health and safety impacts of product and service categories	Food Safety and Product Quality
Packaging		
N/A	TCCA is not using a GRI Standard to report on this topic currently.	Packaging
ENDURING ECOSYSTEMS		
GRI 302: Energy 2016		
103-1	Explanation of the material topic and its Boundary	Energy, Emissions and Climate Change
103-2	The management approach and its components	Energy, Emissions and Climate Change
103-3	Evaluation of the management approach	Energy, Emissions and Climate Change
TCCA KPI	Energy Use: Percent YoY change in total Metric Million Btu (MMBtu) of energy used, normalized by milk pounds received	Scorecard, pg 19
302-1	Energy consumption within the organization	2021 Comprehensive GRI Data
GRI 305: Emissions 2016		
103-1	Explanation of the material topic and its Boundary	Energy, Emissions and Climate Change
103-2	The management approach and its components	Energy, Emissions and Climate Change
103-3	Evaluation of the management approach	Energy, Emissions and Climate Change
TCCA KPI	Scope 1 emissions: Percent YoY change in total metric tons of CO ₂ -eq emitted	Scorecard, pg 19
TCCA KPI	Scope 2 emissions: Percent YoY change in total metric tons of CO ₂ -eq emitted	Scorecard, pg 19
TCCA KPI	Scope 3 emissions: Percent YoY change in total metric tons of CO ₂ -eq emitted	Scorecard, pg 19
TCCA KPI	Air Emissions – Ammonia: Percent of milk pounds entering Tillamook and Boardman facilities between 8-14 mg/dl Milk Urea Nitrogen (MUN)	Scorecard, pg 19
305-1	Direct (Scope 1) GHG emissions	2021 Comprehensive GRI Data
305-2	Energy indirect (Scope 2) GHG emissions	2021 Comprehensive GRI Data
305-3	Other indirect (Scope 3) GHG emissions	2021 Comprehensive GRI Data
GRI 306: Effluents and Waste 2016		
103-1	Explanation of the material topic and its Boundary	Waste
103-2	The management approach and its components	Waste
103-3	Evaluation of the management approach	Waste

INDICATOR	INDICATOR DESCRIPTION	LOCATION OF ISSUE BRIEFS AND DATA
TCCA KPI	Waste Diversion: Percent of waste diverted from landfill	Scorecard, pg 19
306-2	Waste by type and disposal method	2021 Comprehensive GRI Data
GRI 307: Environmental Compliance 2016		
103-1	Explanation of the material topic and its Boundary	Waste
103-2	The management approach and its components	Waste
103-3	Evaluation of the management approach	Waste
307-1	Non-compliance with environmental laws and regulations	Waste
GRI 303: Water and Effluents 2018		
103-1	Explanation of the material topic and its Boundary	Water and Effluents
103-2	The management approach and its components	Water and Effluents
103-3	Evaluation of the management approach	Water and Effluents
TCCA KPI	Water Consumption: Percent YoY change in total gallons of water consumed, normalized by milk pounds received	Scorecard, pg 19
303-1	Interactions with water as a shared resource	Water and Effluents
303-2	Management of water discharge-related impacts	Water and Effluents
303-3	Water withdrawal	According to the World Resources Institute Aqueduct Water Risk Atlas, both our Tillamook and Boardman, Oregon, manufacturing facilities are in areas of low water risk. We continue to monitor water availability and will address it should the topic become material.
GRI 307: Environmental Compliance 2016		
103-1	Explanation of the material topic and its Boundary	Water and Effluents
103-2	The management approach and its components	Water and Effluents
103-3	Evaluation of the management approach	Water and Effluents
307-1	Non-compliance with environmental laws and regulations	Water and Effluents
FULFILLED EMPLOYEES		
GRI 401: Employment 2016		
103-1	Explanation of the material topic and its Boundary	Our Culture
103-2	The management approach and its components	Our Culture
103-3	Evaluation of the management approach	Our Culture
TCCA KPI	Employee Benefits: Percent of employees utilizing benefits	Scorecard, pg 19
TCCA KPI	Employee Benefits: Percent of employees participating in 401(k) plan with safe harbor match	Scorecard, pg 19
TCCA KPI	Employee Benefits: Percent of employees participating in 401(k) plan with safe harbor match (under age 35)	Scorecard, pg 19

INDICATOR	INDICATOR DESCRIPTION	LOCATION OF ISSUE BRIEFS AND DATA
TCCA KPI	Employee Opportunities: Percent of employees internally promoted	Scorecard, pg 19
TCCA KPI	Employee Retention: Percent employee retention	Scorecard, pg 19
TCCA KPI	Gender Balance: Percent female to male at manager level and above	Scorecard, pg 19
TCCA KPI	Living Wage: Percent of employees who are paid a living wage	Scorecard, pg 19
TCCA KPI	Overall Employee Engagement: Overall employee engagement score, based on results of annual survey	Scorecard, pg 19
TCCA KPI	Workforce Diversity: Percent of employees of color, racially or ethnically diverse	Scorecard, pg 19
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Our Culture
GRI 403: Occupational Health and Safety 2018		
103-1	Explanation of the material topic and its Boundary	Occupational Health and Safety
103-2	The management approach and its components	Occupational Health and Safety
103-3	Evaluation of the management approach	Occupational Health and Safety
403-1	Occupational health and safety management system	Occupational Health and Safety
403-2	Hazard identification, risk assessment and incident investigation	Occupational Health and Safety
403-3	Occupational health services	Occupational Health and Safety
403-4	Worker participation, consultation and communication on occupational health and safety	Occupational Health and Safety
403-5	Worker training on occupational health and safety	Occupational Health and Safety
403-6	Promotion of worker health	Occupational Health and Safety
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Occupational Health and Safety
403-8	Workers covered by an occupational health and safety management system	Occupational Health and Safety
ENRICHED COMMUNITIES		
GRI 413: Local Communities 2016		
103-1	Explanation of the material topic and its Boundary	Community Enrichment
103-2	The management approach and its components	Community Enrichment
103-3	Evaluation of the management approach	Community Enrichment
TCCA KPI	Community Investment: Percent of our earnings invested in our communities	Scorecard, pg 19
TCCA KPI	Employee Volunteer Hours: Number of hours volunteered in our communities	Scorecard, pg 19
413-1	Operations with local community engagement, impact assessments and development programs	2021 Comprehensive GRI Data
Our 2021 Stewardship Report has been prepared in accordance with the GRI Standards: Core option .		

COMPREHENSIVE GRI DATA

INDICATOR/INDICATOR DESCRIPTION

MANAGEMENT**GRI 102: General Disclosures 2016****102-1 Name of the organization**

Tillamook County Creamery Association (TCCA)

102-2 Activities, brands, products and services

TCCA is a farmer-owned cooperative producing dairy products including cheese, ice cream, lactose and whey in two facilities located in Tillamook and Boardman, Oregon. Other dairy products – including ice cream, yogurt, butter, cream cheese and sour cream – are produced and packaged for TCCA by contract manufacturers.

102-3 Location of headquarters

Our headquarters are in Tillamook, Oregon.

102-4 Location of operations

TCCA's operations are in the United States.

102-5 Ownership and legal form

We are a farmer-owned cooperative.

102-6 Markets served

The majority of our customers are in the United States. We reach our customers through the following channels:

Retail: Grocery, Mass, Club and Natural Retailers

Food Service: Airlines, Restaurants, Deli and Specialty

Hospitality and Entertainment

E-Commerce

102-7 Scale of the organization

Total number of employees: 994

Total number of operations: We define major operations as Tillamook, Portland, and Boardman, Oregon; Cincinnati, Ohio; and Chilton, Wisconsin.

Net Sales: This information classifies as legal information, confidential to TCCA, and therefore cannot be disclosed.

Total capitalization: This information classifies as legal information, confidential to TCCA, and therefore cannot be disclosed.

Quantity of products or services provided: This information classifies as legal information, confidential to TCCA, and therefore cannot be disclosed.

INDICATOR/INDICATOR DESCRIPTION

102-8 Information on employees and other workers

Total number of employees by employment contract (permanent and temporary), by gender:

Permanent, F: 372

Permanent, M: 594

Temporary, F: 14

Temporary, M: 14

Total number of employees by employment contract (permanent and temporary), by region (Site: Perm/Temp):

Tillamook: 524/25

Boardman: 229/0

Portland: 155/3

Cincinnati: 6/0

Chilton: 2/0

Remote: 50

Total number of employees by employment type (full-time and part-time), by gender:

Full-time, F: 363

Full-time, M: 581

Part-time, F: 9

Part-time, M: 13

Whether a significant portion of the organization's activities are performed by workers who are not employees. If applicable, a description of the nature and scale of work performed by workers who are not employees: As an agricultural cooperative and Consumer Packaged Goods (CPG) company, we rely on agricultural workers to produce ingredients used in our products.

Any significant variations in the numbers reported in Disclosures 102-8-a, 102-8-b and 102-8-c (such as seasonal variations in the tourism or agricultural industries): N/A

An explanation of how the data have been compiled, including any assumptions made:

Temporary is defined by the following employment types: seasonal, intern, temporary

Part-time is defined by the following employment types: part-time, part-time union, seasonal, intern, temporary

102-9 Supply Chain

As a farmer-owned and farmer-led cooperative since 1909, TCCA includes approximately 65 farming families in Tillamook County, Oregon. These dairy farmers provide high-quality milk and benefit directly from the cooperative's growth and success. Over the years, as demand for Tillamook products has grown, we have added production capacity with respected contract manufacturing partners to meet the needs of our customers beyond the Pacific Northwest. Our growth supports more than 900 TCCA employees, our farmer-owners, other dairy farmers across the country and has also enabled us to invest millions of dollars back into our communities to help them thrive. So, while we are growing beyond Tillamook County's geographic borders, we are doing so in a way that enables us to bring more high-quality dairy products to more people responsibly.

INDICATOR/INDICATOR DESCRIPTION

Our Supply Chain Team has a broad range of responsibilities to deliver our products, on time and in full, to the correct location to meet customer demand. To accomplish this, the Supply Chain Team covers the strategic sourcing of materials and ingredients and the management of supplier and external manufacturer relationships. It also calls for demand planning, supply planning, warehousing, logistics, shipment management as well as supplier relationship and performance management. The Environment and Community Impact Team works cross-functionally with our Supply Chain Team and other teams to uphold our commitment to product excellence. In our quest to be better, we benchmark our and our suppliers' environmental, social and ethical (ESE) impacts against world-class consumer packaged goods companies. As part of this work, the Stewardship Team researches best practices in sustainable procurement; measures and tracks supplier sustainability scorecards; responds to frequently asked customer questions on supply chain transparency; and tracks related KPIs regularly. And, as part of our supplier selection process, suppliers are asked to demonstrate their own programs regarding community impact and involvement, responsible sourcing or Stewardship and may be compared to other potential suppliers in these areas to ensure we select suppliers as close to our own values as possible.

Throughout our supply chain, milk is our most important raw ingredient. While most of our cost of goods and revenue is dependent on milk, all other ingredients and products are also sourced with the same attention and focus as our largest volume raw ingredient. With regard to milk, it is currently sourced through a combination of direct and indirect sourcing through TCCA cooperative farmer-owners, non-owner contract milk suppliers and our contract manufacturing alliances. Where milk is not specifically sourced from Tillamook, our Supplier Code of Conduct, quality requirements and milk traceability processes maintain transparency through our milk supply. Our Stewardship Supplier Engagement Program is helping us gain traceability and transparency into our supply chain.

Our other ingredients, materials and services are produced through a combination of internal manufacturing activities at our two manufacturing facilities in Tillamook and Boardman, supply relationships with contract manufacturers located primarily in the western half of the U.S., and a majority of other U.S.-based suppliers.

102-10 Significant changes to the organization and its supply chain

We did not make any significant changes to our organization's size, structure, ownership or supply chain in 2021.

102-11 Precautionary Principle or approach

We apply the proactive principles through our food safety management system. We continuously strive to improve our performance through internal audits and customer audits. We conduct regulatory inspections and maintain excellence to an annual, globally recognized audit standard – the Safe Quality Foods (SQF) code. This audit is conducted by an auditing body approved by an international certification body.

We are committed to using science-based principles in the production of safe, legal food products to exceed our customers' expectations. These principles are used for identifying biological, chemical and physical risks and for developing controls to prevent them. Hazard Analysis and Risk-Based Preventive Controls (HARPC) are a featured principle of the Food Safety Modernization Act (FSMA), which builds from Hazard Analysis Critical Control Points (HACCP), a foundation of TCCA's Food Safety Plans. We also use Failure Modes and Effects Analysis (FMEA) to support New Product development by identifying risks to quality from ingredients or processes, much like HACCP does for food safety. Industry best practices are employed to control identified risks.

Our Stewardship Charter ensures that we maximize our net-positive impact throughout the entire value chain – beyond just our own farmer-owners and facilities. We identify and reduce our negative environmental impacts, where feasible. This includes, but is not limited to, soil conservation and regeneration, water conservation and quality, waste minimization and landfill diversion, energy sourcing and consumption, and greenhouse gas and air emissions tracking.

102-12 External initiatives

As of the date of this report, external initiatives include:

American Dairy Science Association

American Society for Quality

BUILD Dairy

Center for Dairy Research

Certified Packaging Professionals Institute

Dairy Sustainability Framework Global Criteria

Food Northwest

INDICATOR/INDICATOR DESCRIPTION

Innovation Center for U.S. Dairy Stewardship Commitment
Institute of Food Technologists (Oregon Section)
International Dairy Foods Association
International Institute of Ammonia Refrigeration (IIAR)
Morrow County Local Emergency Planning Commission (LEPC)
National Milk Producers Federation FARM Program
Northwest Environmental Business Council
No Kid Hungry (Chefs Cycle)
Oregon Agricultural Heritage Program
Oregon Association of Water Utilities (OAWU)
Oregon Business Plan
Oregon Dairy Farmers Association
Oregon Dairy Industries
Oregon Entrepreneurs Network
Oregon Farm to School Network
Oregon State University
Refrigerating Engineers & Technicians Association (RETA)
Sustainable Packaging Coalition
Sustainable Purchasing Leadership Council (SPLC)
Tidegate Partnership
Tillamook Bay Community College Manufacturing & Industrial Technology (MIT) Program
Tillamook Bay Community College Electrician apprenticeships
Tillamook County Farm and Wetland Pilot Planning Process
Tillamook County Local Emergency Planning Commission (LEPC)
Tillamook County Solid Waste Advisory Committee (SWAC)
Tillamook High School Future Natural Resource Leaders (FNRL)
Tillamook High School STEM Program Support
Tillamook High School Scholarship Committee
Tillamook Working Lands & Waters Cooperative
United Nations Sustainable Development Goals

INDICATOR/INDICATOR DESCRIPTION

102-13 Membership of associations

As of the date of this report, we are a member of the following industry associations:

Advancing Women in Leadership

Adventist Health Tillamook

American Cheese Society

American Society for Quality

American Veterinary Medical Association Animal Agriculture Liaison Committee

Economic Development Council of Tillamook County

Food Northwest

Food Roots

Global Cheese Technology Forum

Greenbiz Executive Network

Innovation Center for U.S. Dairy (Waste, Packaging, GHG processor working groups, Biodiversity metrics committee)

International Dairy Foods Association

Oregon Agricultural Heritage Trust Leadership Team

Oregon Business Industry

Oregon Business Plan

Oregon Business Council

Oregon Cheese Guild

Oregon Community Foundation

Oregon Dairy Farmers Association

Oregon Food Bank

National Milk Producers Federation

National Milk Producers Federation FARM Animal Welfare Committee

Newtrient, LLC.

National Mastitis Council

Partners in Diversity

Port of Portland

Port of Tillamook Bay

Portland Business Alliance

INDICATOR/INDICATOR DESCRIPTION

Sales Enablement Society
Salmonberry Trail Foundation
Sustainable Purchasing Leadership Council (SPLC)
Tillamook Bay Community College
Tillamook Bay Community College Foundation
Tillamook County Housing Commission
Tillamook County Wellness (TCW) Access to Physical Activity Committee
Tillamook County Wellness (TCW) Advisory Committee
Tillamook County Wellness (TCW) Health Promotions Committee
Tillamook County Wellness (TCW) Task Force and Advisory Committee
Tillamook County Workplace (TCW) Wellness Committee
Tillamook High School FFA and Agricultural Advisory Committee
Visit Tillamook Coast

Additionally, we are committed to providing leadership and working collaboratively to solve complex social issues within our communities. We work directly with over 100 local government and non-profit partners to understand community needs, anticipate and address potential barriers to progress, and – working together – we strive to adopt meaningful solutions. Where possible, we provide industry leadership and expertise for our partners. This includes advocating for issues material to our business at a local, regional and state level.

102-14 Statement from senior decision-maker

Please refer to 2021 Stewardship Report, “[Stewardship is an investment in our future](#)”

102-16 Values, principles, standards and norms of behavior

Please refer to [TCCA’s Stewardship Charter](#).

102-18 Governance structure

TCCA is a farmer-owned, farmer-led cooperative. Our board of directors is responsible for directing the affairs of TCCA, including the drafting of necessary policies, rules and regulations that direct the management and operation of TCCA. The board elects a Chairman and Vice Chairman as well as the CEO. Under the direction and discretion of the board, the CEO has the general charge of the business operations of TCCA, including implementation of our Stewardship Charter commitments. Management is responsible for implementing the direction, policies, rules and regulations adopted by the board.

102-40 List of stakeholder groups

TCCA’s stakeholder groups include:

Farmer-owners
Employees
Consumers
Customers
Suppliers
Local communities and neighbors

INDICATOR/INDICATOR DESCRIPTION

102-41 Collective bargaining agreements

22% of employees are covered by collective bargaining agreements.

102-42 Identifying and selecting stakeholders

Stewardship at TCCA means maximizing our net-positive impact and helping our entire value chain do the same. We take a systems approach with a triple-bottom-line discipline to run our business, where financial capital, human capital and natural capital are given balanced consideration, and a comprehensive and long-term outlook guides our actions.

In 2016, we conducted a three-pronged materiality assessment led by consultants at Quantis. The assessment involved stakeholder interviews, stakeholder surveys and quantitative environmental analysis. We worked with Quantis to select partners, or interviewees, who were considered stakeholders. These were people and organizations impacted by our business decisions: academics, board members, community members, competitors, consumers, industry leaders and nonprofit partners.

Quantis then conducted 34 internal and external stakeholder interviews to discuss issues of most importance to TCCA and its external stakeholders. The interviews were followed by stakeholder surveys, during which time interviewees rated the importance of sustainability issues material to TCCA and our stakeholders. The third segment of the materiality assessment involved quantitative analysis of TCCA's environmental impact to understand where most impacts were occurring in TCCA's value chain.

The materiality assessment provided insights about TCCA's impact and areas of focus. Applying the materiality assessment results and findings, in 2017, we established a board-approved, third-party reviewed Stewardship Charter that defined our vision and our overall Stewardship framework.

Our Stewardship framework is centered on commitments to our six key stakeholders that encompass the issues most important to our business. These six commitments are:

Thriving Farms

Healthful Cows

Inspired Consumers

Enduring Ecosystems

Fulfilled Employees

Enriched Communities

Together, they represent the values that we share and our ongoing work to support key stakeholder groups:

Farmer-owners

Consumers, customers and suppliers

Employees

Local communities and neighbors

102-43 Approach to stakeholder engagement

As described in GRI 102-42, our materiality assessment involved stakeholder interviews, stakeholder surveys and a quantitative analysis to identify issues material to TCCA. This process resulted in formalization of our Stewardship Charter.

We use our Stewardship Charter as the anchor of our Stewardship Management System; that is, we have policies, procedures, documentation and measurement that cascade from the Stewardship Charter and guide our decision-making. Adopting a management system like this is intentional as it ensures that we embed our Stewardship commitments across all business functions and not just within our Stewardship Team. It also holds us accountable at every decision and step to our stakeholders — farmers, cows, consumers, customers, suppliers, natural resources, employees and neighbors.

On an ongoing basis, we engage our stakeholders to drive Stewardship progress across our value chain (see External Initiatives and Association Memberships, above) on issues such as greenhouse gas emissions and air quality.

INDICATOR/INDICATOR DESCRIPTION

102-44 Key topics and concerns raised

TCCA's material issues have been organized into commitments to our six key stakeholders and are summarized in our Stewardship Charter. These are topics that we hear from each of the six stakeholder groups:

Thriving Farms is our commitment to farmers. The most common topics raised by this stakeholder group are long-term economic viability, succession planning, political advocacy and good agricultural practices.

Healthful Cows is our commitment to animals. The most common topics raised on behalf of this stakeholder are antibiotic Stewardship and animal welfare, including food and water, comfort and shelter, proper handling and stable environment, disease and injury prevention, and fear, pain, stress and suffering minimization.

Inspired Consumers is our commitment to consumers. The most common topics raised by this stakeholder group are quality and safety, wholesomeness, responsible sourcing, trust and transparency.

Enduring Ecosystems is our commitment to the environment. The most common topics raised on behalf of this stakeholder are climate change, water quality, food waste, soil health, nutrient management, air emissions, and conservation and regenerative agriculture.

Fulfilled Employees is our commitment to our workforce. The most common topics raised by this stakeholder group are safety, culture, attraction and retention of talent, and inclusion, diversity and equity.

Enriched Communities is our commitment to the communities where we operate. The most common topics raised by this stakeholder group are community health and identity, rural resilience, food security, workforce housing, healthful children, thought leadership and collaboration.

102-45 Entities included in the consolidated financial statements

This information classifies as legal information, confidential to TCCA, and therefore cannot be disclosed.

102-46 Defining report content and topic Boundaries

We follow GRI's Materiality principle: "aspects that reflect an organization's significant economic, environmental and social impacts, or substantively influence the assessments and decisions of stakeholders." We define our topic Boundaries as commitments material to TCCA in context of our business model, sustainability impacts and stakeholder relationships.

102-47 List of material topics

TCCA's material topics covered in our Stewardship strategy and reporting are listed below, classified under respective Stewardship commitments. They are also elaborated upon in our 2021 Stewardship Report and Issue Briefs:

Thriving Farms: Economic Performance

Healthful Cows: Animal Welfare

Inspired Consumers: Responsible Sourcing; Food Safety and Product Quality; Packaging

Enduring Ecosystems: Energy, Emissions and Climate Change; Water and Effluents; Waste

Fulfilled Employees: Our Culture; Occupational Health and Safety

Enriched Communities: Community Enrichment

102-48 Restatements of information

N/A

102-49 Changes in reporting

There have been no significant changes to material topics or topic Boundaries.

INDICATOR/INDICATOR DESCRIPTION

102-50 Reporting period

The reporting period covers our fiscal year 2021, covering the dates between January 1, 2021 and December 31, 2021.

102-51 Date of most recent report

Our fiscal year 2021 Stewardship Report was published in May 2022.

102-52 Reporting cycle

We intend to publish a Stewardship Report each year.

102-53 Contact point for questions regarding the report

Please direct questions to <https://www.tillamook.com/contact-us.html>.

102-54 Claims of reporting in accordance with the GRI Standards

This report has been prepared in accordance with the GRI Standards: **Core option**.

102-55 GRI content index

Please refer to [GRI Content Index](#).

102-56 External assurance

We do not currently seek external assurance for this report.

ENRICHED COMMUNITIES

GRI 413: Local Communities 2016

413-1 Operations with local community engagement, impact assessments and development programs

All TCCA sites (Tillamook, Portland, Boardman) support a mission of community resilience, with a focus on agricultural advocacy, food security and healthful children. Each site is designated a percentage of budget to invest in the community. In 2021, we invested 7.8% of our net income into our communities.

ENDURING ECOSYSTEMS

GRI 302: Energy 2016

302-1 Energy consumption within the organization

Total fuel consumption within the organization from non-renewable sources: 55,042,803 kWh

Total fuel consumption within the organization from renewable sources: 0 kWh

Total electricity consumption: 102,512,628 kWh

Total heating consumption: 0 kWh

Total cooling consumption: 0 kWh

Total steam consumption: 83,526,303 kWh

Total electricity sold: 0 kWh

Total heating sold: 0 kWh

INDICATOR/INDICATOR DESCRIPTION

Total cooling sold: 0 kWh

Total steam sold: 0 kWh

Total energy consumption: 241,081,734 kWh

Standards, methodologies, assumptions and/or calculation tools used: We use billing information to calculate fuel consumption. We use a third-party developed, custom calculation tool to measure energy use.

Source of the conversion factors used: GREET® Greenhouse gases, Regulated Emissions, and Energy use in Technologies Model, GREET 1.8b, developed by Argonne National Laboratory, Argonne, Illinois, released May 8, 2008. <https://greet.es.anl.gov/>.

GRI 305: Emissions 2016**305-1 Direct (Scope 1) GHG emissions**

Gross direct (Scope 1) GHG emissions in metric tons (MT) of CO₂-eq: 13,000 MT CO₂-eq

Gases included in the calculation: Carbon dioxide (CO₂), Methane (CH₄), Nitrous oxide (N₂O)

Biogenic CO₂-eq: 0 MT CO₂-eq

Base year for the calculation: 2021

Source of emission factors: Greenhouse Gas (GHG) Protocol. Emission Factors from Cross-Sector Tools. Version March 2017. Table 10; CO₂ Emission Factors by Fuel, IPCC (2007) Intergovernmental Panel on Climate Change's Fourth Assessment Report; and IMPACT 2002+ EI v3.3 (IPCC 2013, 100a).

Consolidation approach for emissions: Operational Control

Standards, methodologies, assumptions and/or calculation tools used: Our Scope 1 GHG emissions have been computed in accordance with the Greenhouse Gas (GHG) Protocol, developed by the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). As per the GHG Protocol, the Intergovernmental Panel on Climate Change's (IPCC 2013) recommendations for Greenhouse Gas global warming potentials (GWP) are applied to compute the Climate Change impact.

305-2 Energy indirect (Scope 2) GHG emissions

Gross indirect (Scope 2) GHG emissions in metric tons (MT) of CO₂-eq: 26,000 MT CO₂-eq

Gases included in the calculation: Carbon dioxide (CO₂), Methane (CH₄), Nitrous oxide (N₂O)

Biogenic CO₂-eq: 0 MT CO₂-eq

Base year for the calculation: 2021

Source of emission factors: Center for Resource Solutions. (2017). 2017 Green-e Energy Residual Mix Emissions Rates; State of Oregon Department of Environmental Quality (2021). Oregon Clean Fuels Program Updated Electricity Carbon Intensity Values for 2021: Implementing the Clean Fuels Program Electricity 2021 Rulemaking; U.S. EPA (2014) eGRID 9th edition. Version 1.0. State file. (Year 2010 data).

Consolidation approach for emissions: Operational Control

Standards, methodologies, assumptions and/or calculation tools used: Our Scope 2 GHG emissions have been computed in accordance with the Greenhouse Gas (GHG) Protocol, developed by the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). As per the GHG Protocol, the Intergovernmental Panel on Climate Change's (IPCC 2013) recommendations for Greenhouse Gas global warming potentials (GWP) are applied to compute the Climate Change impact.

305-3 Other indirect (Scope 3) GHG emissions

Gross indirect (Scope 3) GHG emissions in metric tons (MT) of CO₂-eq: 1,305,000 MT CO₂-eq

Gases included in the calculation: Carbon dioxide (CO₂), Methane (CH₄), Nitrous oxide (N₂O)



INDICATOR/INDICATOR DESCRIPTION

Biogenic CO₂-eq: We have not yet been able to separate biogenic emissions data from fossil emissions data due to a lack of resolution in the emission factors used. We are working to address this in coming years.

Base year for the calculation: 2021

Source of emission factors: Ben and Jerry's (2014) [A Life Cycle Analysis Study of Some of Our Flavors](#); Innovation Center for U.S. Dairy (2012) [U.S. Dairy's Environmental Footprint, A summary of findings, 2008-2012](#); Quantis internal database; Carnegie Mellon University Green Design Institute. (2021) [Economic Input-Output Life Cycle Assessment \(EIO-LCA\), U.S. 2002 \(428 sectors\), Producer model](#), available from: [Accessed 24 Mar, 2021].

Consolidation approach for emissions: Operational Control

Standards, methodologies, assumptions and/or calculation tools used: Our Scope 3 GHG emissions have been computed in accordance with the Greenhouse Gas (GHG) Protocol, developed by the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). As per the GHG Protocol, the Intergovernmental Panel on Climate Change's (IPCC 2013) recommendations for Greenhouse Gas global warming potentials (GWP) are applied to compute the Climate Change impact.

GRI 306: Effluents and Waste 2016**306-2 Waste by type and disposal method**

Total weight of hazardous waste: 360 lbs

Hazardous waste, reuse: 0 lbs

Hazardous waste, recycling: 360 lbs

Hazardous waste, composting: 0 lbs

Hazardous waste: recovery, including energy recovery: 0 lbs

Hazardous waste, incineration (mass burn): 0 lbs

Hazardous waste, deep well injection: 0 lbs

Hazardous waste, landfill: 0 lbs

Hazardous waste, on-site storage: 0 lbs

Hazardous waste, other: 0 lbs

Total weight of non-hazardous waste: 19,283,359 lbs

Non-Hazardous waste, reuse: 0 lbs

Non-hazardous waste, recycling: 7,728,443 lbs

Non-hazardous waste, composting: 0 lbs

Non-hazardous waste: recovery, including energy recovery: 7,277,979 lbs

Non-hazardous waste, incineration (mass burn): 0 lbs

Non-hazardous waste, deep well injection: 0 lbs

Non-hazardous waste, landfill: 4,276,937 lbs

Non-hazardous waste, on-site storage: 0 lbs

Non-hazardous waste, other: 0 lbs

GRI 2021 & 2020 COMPREHENSIVE DATA COMPARISON

INDICATOR/INDICATOR DESCRIPTION	2021 DATA	2020 DATA
GRI 102: General Disclosures 2016		
102-7 Scale of the organization		
Information on employees and other workers	Total number of employees: 994	Total number of employees: 953
	Permanent, F: 372	Permanent, F: 352
	Permanent, M: 594	Permanent, M: 586
	Temporary, F: 14	Temporary, F: 8
	Temporary, M: 14	Temporary, M: 7
	Total number of employees by employment contract (permanent and temporary), by region (Site: Perm/Temp):	Total number of employees by employment contract (permanent and temporary), by region (Site: Perm/Temp):
	Tillamook: 524/25	Tillamook: 522/13
	Boardman: 229/0	Boardman: 232/0
	Portland: 155/3	Portland: 145/2
	Cincinnati: 6/0	—
	Chilton: 2/0	—
	Remote: 50	Remote: 39/0
	Total number of employees by employment type (full-time and part-time), by gender:	Total number of employees by employment type (full-time and part-time), by gender:
	Full-time, F: 363	Full-time, F: 338
	Full-time, M: 581	Full-time, M: 569
	Part-time, F: 9	Part-time, F: 17
	Part-time, M: 13	Part-time, M: 14
102-41 Collective bargaining agreements		
	22% of employees are covered by collective bargaining agreements.	24.7% of employees are covered by collective bargaining agreements.
GRI 302: Energy 2016		
302-1 Energy consumption within the organization		
	Total fuel consumption within the organization from non-renewable sources: 55,042,803 kWh	Total fuel consumption within the organization from non-renewable sources: 56,638,520 kWh
	Total fuel consumption within the organization from renewable sources: 0 kWh	Total fuel consumption within the organization from renewable sources: 0 kWh
	Total electricity consumption: 102,512,628 kWh	Total electricity consumption: 100,786,040 kWh
	Total heating consumption: 0 kWh	Total heating consumption: 0 kWh
	Total cooling consumption: 0 kWh	Total cooling consumption: 0 kWh

INDICATOR/INDICATOR DESCRIPTION	2021 DATA	2020 DATA
	Total steam consumption: 83,526,303 kWh	Total steam consumption: 82,981,318 kWh
	Total electricity sold: 0 kWh	Total electricity sold: 0 kWh
	Total heating sold: 0 kWh	Total heating sold: 0 kWh
	Total cooling sold: 0 kWh	Total cooling sold: 0 kWh
	Total steam sold: 0 kWh	Total steam sold: 0 kWh
	Total energy consumption: 241,081,734 kWh	Total energy consumption: 240,405,878 kWh

GRI 305: Emissions 2016**305-1 Direct (Scope 1) GHG emissions**

Gross direct (Scope 1) GHG emissions in metric tons (MT) of CO ₂ -eq: 13,000 MT CO ₂ -eq	Gross direct (Scope 1) GHG emissions in metric tons (MT) of CO ₂ -eq: 13,000 MT CO ₂ -eq
Biogenic CO ₂ -eq emissions: 0 MT CO ₂ -eq	Biogenic CO ₂ -eq emissions: 0 MT CO ₂ -eq

305-2 Energy indirect (Scope 2) GHG emissions

Gross indirect (Scope 2) GHG emissions in metric tons (MT) of CO ₂ -eq: 26,000 MT CO ₂ -eq	Gross indirect (Scope 2) GHG emissions in metric tons (MT) of CO ₂ -eq: 34,000 MT CO ₂ -eq
Biogenic CO ₂ -eq emissions: 0 MT CO ₂ -eq	Biogenic CO ₂ -eq emissions: 0 MT CO ₂ -eq

305-3 Other indirect (Scope 3) GHG emissions

Gross indirect (Scope 3) GHG emissions in metric tons (MT) of CO ₂ -eq: 1,305,000 MT CO ₂ -eq	Gross indirect (Scope 3) GHG emissions in metric tons (MT) of CO ₂ -eq: 1,583,000 MT CO ₂ -eq
Biogenic CO ₂ -eq: We have not yet been able to separate biogenic emissions data from fossil emissions data due to a lack of resolution in the emission factors used. We are working to address this in coming years.	Biogenic CO ₂ -eq: We have not yet been able to separate biogenic emissions data from fossil emissions data due to a lack of resolution in the emission factors used. We are working to address this in coming years.

GRI 306: Effluents and Waste 2016**306-2 Waste by type and disposal method**

Total weight of hazardous waste: 360 lbs	Total weight of hazardous waste: 583 lbs
Hazardous waste, reuse: 0 lbs	Hazardous waste, reuse: 0 lbs
Hazardous waste, recycling: 360 lbs	Hazardous waste, recycling: 583 lbs
Hazardous waste, composting: 0 lbs	Hazardous waste, composting: 0 lbs
Hazardous waste: recovery, including energy recovery: 0 lbs	Hazardous waste: recovery, including energy recovery: 0 lbs
Hazardous waste, incineration (mass burn): 0 lbs	Hazardous waste, incineration (mass burn): 0 lbs
Hazardous waste, deep well injection: 0 lbs	Hazardous waste, deep well injection: 0 lbs
Hazardous waste, landfill: 0 lbs	Hazardous waste, landfill: 0 lbs

INDICATOR/INDICATOR DESCRIPTION	2021 DATA	2020 DATA
	Hazardous waste, on-site storage: 0 lbs	Hazardous waste, on-site storage: 0 lbs
	Hazardous waste, other: 0 lbs	Hazardous waste, other: 0 lbs
	Total weight of non-hazardous waste: 19,283,359 lbs	Total weight of non-hazardous waste: 10,424,076 lbs
	Non-Hazardous waste, reuse: 0 lbs	Non-Hazardous waste, reuse: 0 lbs
	Non-hazardous waste, recycling: 7,728,443 lbs	Non-hazardous waste, recycling: 4,557,735 lbs
	Non-hazardous waste, composting: 0 lbs	Non-hazardous waste, composting: 0 lbs
	Non-hazardous waste: recovery, including energy recovery: 7,277,979 lbs	Non-hazardous waste: recovery, including energy recovery: 2,875,400 lbs
	Non-hazardous waste, incineration (mass burn): 0 lbs	Non-hazardous waste, incineration (mass burn): 0 lbs
	Non-hazardous waste, deep well injection: 0 lbs	Non-hazardous waste, deep well injection: 0 lbs
	Non-hazardous waste, landfill: 4,276,937 lbs	Non-hazardous waste, landfill: 2,990,941 lbs
	Non-hazardous waste, on-site storage: 0 lbs	Non-hazardous waste, on-site storage: 0 lbs
	Non-hazardous waste, other: 0 lbs	Non-hazardous waste, other: 0 lbs

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