



2024
Sustainability
Reporting Indexes

GRI Content Index

O-I Glass, Inc. has reported the information cited in this GRI content index for the period from 1 January 2023 to 31 December 2023 with reference to the GRI Standards. GRI I: Foundation 2021 is used.

Performance indicator data represents O-I's fiscal year 2023. Previous years' data, when available, are also provided to illustrate our progress. Our base year is 2017 unless noted otherwise. This report covers the organization's significant operations – the 69 plants owned by O-I of which we have full operational control. Joint ventures and office impacts are out of the reporting scope. The scope is specific to O-I's glass container business and does not include its machine business. We permanently closed a plant in the United States in October of 2023. Health & Safety data covers a broader scope including all O-I-owned locations at which the company has operational control, including several administrative facilities, recycling centers, warehouses, two sand mines, and the Innovation Center in Perrysburg.

O-I's scope 1 and 2 emissions have been reported with an updated calculation methodology. The data has been normalized to remove divested facilities and include one of our facilities that manufactures extremely high-quality glass containers and tableware. The normalization has incorporated an updated loss on ignition (LOI) calculation. All changes have been attributed to all reporting years between the 2017 baseline and 2023.

Our global presence and regional differences can present challenges for data collection, and at times we set limitations and assumptions. The data presented in this report has been collected from different internal databases. For accuracy and completeness, the data and content were reviewed and verified by the Global Advisory Committees responsible for managing areas around material topics. Lastly, O-I's Chief Sustainability Officer formally reviews and approves the report so that all material topics are covered.



GRI Content Index

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
GRI 2	GENERAL DISCLOSURES 2021		
2-1	Organizational details	About O-I, Our Sustainability Approach Employee Experience, Supply Chain	Company Overview, Supply Chain, Form 10-K
2-2	Entities included in the organization's sustainability reporting	Corporate Governance, About the Report	Index Description
2-3	Reporting period, frequency and contact point	About the Report	Back Cover
2-6	Activities, value chain and other business relationships	About O-I, Supply Chain, Recycled Content	Company Overview, Supply Chain, Recycled Content
2-7	Employees	Employee Experience, Diversity, Equity & Inclusion	Diversity, Equity & Inclusion, 10-K
2-9	Governance structure and composition	Corporate Governance, Our Sustainability Approach	Corporate Governance Guidelines , Committee Composition , Directors , Proxy
2-10	Nomination and selection of the highest governance body	Corporate Governance	Nominating Corporate Governance Committee , Proxy
2-11	Chair of the highest governance body	Corporate Governance	Committee Composition , Proxy
2-12	Role of the highest governance body in overseeing the management of impacts	Corporate Governance	Our Approach to Sustainable Transformation, Governance – Ethics & Compliance, Nominating Corporate Governance Committee , Proxy

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
2-13	Delegation of responsibility for managing impacts	Our Sustainability Approach	Our Approach to Sustainable Transformation 10-K , Proxy , Code of Conduct
2-14	Role of the highest governance body in sustainability reporting	About the Report	Our Approach to Sustainable Transformation, Index Description
2-15	Conflicts of interest	Corporate Governance, Ethics & Compliance	Governance – Ethics & Compliance, Corporate Governance Guidelines , Code of Conduct
2-16	Communication of critical concerns	Corporate Governance, Ethics & Compliance, Enterprise Risk Management	Our Approach to Sustainable Transformation, Governance – Ethics & Compliance, Code of Conduct , Proxy
2-17	Collective knowledge of the highest governance body	Corporate Governance	Proxy
2-18	Evaluation of the performance of the highest governance body	Corporate Governance	Proxy
2-19	Remuneration policies	Corporate Governance	Proxy
2-20	Process to determine remuneration	Corporate Governance	Proxy
2-21	Annual total compensation ratio		Proxy
2-22	Statement on sustainable development strategy	Corporate Governance, Our Sustainability Approach, Climate Strategy	Leadership Message, Climate Change Strategy, Proxy , 10-K

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
2-23	Policy commitments	Corporate Governance, Ethics & Compliance Supply Chain, Human Rights	Governance – Ethics & Compliance, Supply Chain, Code of Conduct , Proxy , Corporate Governance Guidelines
2-24	Embedding policy commitments	Corporate Governance, Ethics & Compliance Supply Chain, Human Rights	Governance – Ethics & Compliance, Supply Chain, Code of Conduct , Proxy , Corporate Governance Guidelines
2-25	Processes to remediate negative impacts	Corporate Governance, Ethics & Compliance	Governance – Ethics & Compliance, Code of Conduct
2-26	Mechanisms for seeking advice and raising concerns	Corporate Governance, Ethics & Compliance	Governance – Ethics & Compliance, Code of Conduct
2-27	Compliance with laws and regulations	Water	Water, 10-K
2-28	Membership associations	About O-I	
2-29	Approach to stakeholder engagement	Our Sustainability Approach	Sustainability Materiality & Stakeholder Engagement
2-30	Collective bargaining agreements	Human Rights	10-K
GRI 3	MATERIAL TOPICS 2021		
3-1	Process to determine material topics	Our Sustainability Approach	Sustainability Materiality & Stakeholder Engagement
3-1	List of material topics	Our Sustainability Scorecard, Our Sustainability Approach	Sustainability Scorecard, Our Approach to Sustainable Transformation

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
3-3	Management of material topics	Enterprise Risk Management, Supply Chain, Recycled Content, Communities, Human Rights, and About the Report	Climate Change Strategy, Sustainability Materiality & Stakeholder Engagement, Environmental Management, Energy & Emissions, Water, Raw Materials & Waste, Supply Chain, Innovation, Recycled Content, Communities, DE&I, Health & Safety 10-K , Proxy
GRI 101	BIODIVERSITY 2024		
Disclosure 101-4	Identification of biodiversity impacts		Communities
Disclosure 101-8	Ecosystem services		Communities
GRI 201	ECONOMIC PERFORMANCE 2016		
201-1	Direct economic value generated and distributed		Company Overview, 10K
201-2	Financial implications and other risks and opportunities due to climate change	Enterprise Risk Management	10-K , Proxy
GRI 203	INDIRECT ECONOMIC IMPACTS 2016		
3-3	Management of material topics	Communities	Recycled Content, Communities
203-1	Infrastructure Investments & Services	Communities	Recycled Content, Communities

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
203-2	Significant indirect economic impacts	Communities	Recycled Content, Communities
GRI 204	PROCUREMENT PRACTICES 2016		
3-3	Management of material topics	Supply Chain, Human Rights, and About the Report	Supply Chain
204-1	Proportion of spending on local suppliers	Supply Chain, Human Rights, and About the Report	Supply Chain
GRI 205	ANTI-CORRUPTION 2016		
3-3	Management of material topics	Ethics & Compliance, Human Rights	Governance – Ethics & Compliance
205-1	Operations assessed for risks related to corruption	Ethics & Compliance, Human Rights	
205-2	Communication and training about anti-corruption policies and procedures	Ethics & Compliance, Human Rights	Governance – Ethics & Compliance
205-3	Confirmed incidents of corruption and actions taken	Ethics & Compliance, Human Rights	
GRI 301	MATERIALS 2016		
3-3	Management of material topics	Raw Materials & Waste, Recycled Content	Raw Materials & Waste, Recycled Content
301-2	Recycled input materials	Recycled Content	Recycled Content

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
301-3	Reclaimed products and their packaging materials	Raw Materials & Waste, Recycled Content	Raw Materials & Waste, Recycled Content
GRI 302	ENERGY 2016		
3-3	Management of material topics	Energy & Emissions, Innovation	Energy & Emissions, Innovation
302-4	Reduction of energy consumption	Energy & Emissions	Energy & Emissions
302-5	Reductions in energy requirements of products and services	Energy & Emissions, Innovation	Energy & Emissions, Innovation
GRI 303	WATER AND EFFLUENTS 2018		
3-3	Management of material topics	Water	Environmental Management, Water
303-1	Interactions with water as a shared resource (management)	Water	Water
303-2	Management of water discharge-related impacts (management)	Water	Water
GRI 305	EMISSIONS 2016		
3-3	Management of material topics	Energy & Emissions, Innovation	Environmental Management, Energy & Emissions, Innovation
305-1	Direct (Scope I) GHG emissions	Energy & Emissions	Energy & Emissions

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
305-2	Energy indirect (Scope 2) GHG emissions	Energy & Emissions	Energy & Emissions
305-5	Reduction of GHG emissions	Energy & Emissions, Innovation	Energy & Emissions, Innovation
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Energy & Emissions	Energy & Emissions
GRI 306	WASTE 2020		
3-3	Management of material topics	Environmental Management, Raw Material & Waste	Environmental Management, Raw Material & Waste
306-1	Waste generation and significant waste-related impacts	Environmental Management	Raw Material & Waste
306-2	Management of significant waste-related impacts	Environmental Management	Environmental Management, Raw Material & Waste
306-4	Waste diverted from disposal	Environmental Management, Raw Material & Waste	Raw Material & Waste, Recycled Content
GRI 308	SUPPLIER ENVIRONMENTAL ASSESSMENT 2016		
3-3	Management of material topics	Supply Chain	Supply Chain
308-1	New suppliers that were screened using environmental criteria	Supply Chain	Supply Chain
308-2	Negative environmental impacts in the supply chain and actions taken	Supply Chain	

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
GRI 401	EMPLOYMENT 2016		
3-3	Management of material topics	Employee Experience, Diversity, Equity & Inclusion	Diversity, Equity & Inclusion
401-1	New employee hires and employee turnover	Employee Experience, Diversity, Equity & Inclusion	Diversity, Equity & Inclusion
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Employee Experience	
401-3	Parental leave	Employee Experience	
GRI 403	OCCUPATIONAL HEALTH AND SAFETY 2018		
3-3	Management of material topics	Health & Safety	Health & Safety
403-1	Occupational health and safety management system (management)	Health & Safety	Health & Safety
403-2	Hazard identification, risk assessment, and incident investigation (management)	Health & Safety	Health & Safety
403-3	Occupational health services (management)	Health & Safety	Health & Safety
403-4	Worker participation, consultation, and communication on occupational health and safety (management)	Health & Safety	Health & Safety

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
403-5	Worker training on occupational health and safety (management)	Health & Safety	Health & Safety
403-6	Promotion of worker health (management)	Health & Safety	Health & Safety
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships (management)	Health & Safety	
403-8	Workers covered by an occupational health and safety management system (topic-specific)	Health & Safety	
403-9	Work-related injuries (topic specific)	Health & Safety	
403-10	Work-related ill health (topic-specific)	Health & Safety	
GRI 404	TRAINING AND EDUCATION 2016		
3-3	Management of material topics	Employee Experience	Governance – Ethics & Compliance, Diversity, Equity & Inclusion
404-2	Programs for upgrading employee skills and transition assistance programs	Employee Experience	Governance – Ethics & Compliance, Diversity, Equity & Inclusion
404-3	Percentage of employees receiving regular performance and career development reviews	Employee Experience	Governance – Ethics & Compliance, Diversity, Equity & Inclusion

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
GRI 405	DIVERSITY AND EQUAL OPPORTUNITY 2016		
3-3	Management of material topics	Corporate Governance	Diversity, Equity & Inclusion, Proxy
405-1	Diversity of governance bodies and employees	Corporate Governance	Proxy
GRI 406	NON-DISCRIMINATION 2016		
3-3	Management of material topics	Human Rights, Ethics & Compliance	Governance – Ethics & Compliance, Diversity, Equity & Inclusion
406-1	Information of discrimination and corrective actions taken	Human Rights, Ethics & Compliance	Governance – Ethics & Compliance
GRI 407	FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING 2016		
3-3	Management of material topics	Human Rights, Supply Chain	Governance – Ethics & Compliance, Supply Chain
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Human Rights, Supply Chain	

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
GRI 408	CHILD LABOR 2016		
3-3	Management of material topics	Enterprise Risk Management, Supply Chain	Governance – Ethics & Compliance, Supply Chain
408-1	Operations and suppliers at significant risk	Enterprise Risk Management, Supply Chain	
GRI 409	FORCED OR COMPULSORY LABOR 2016		
3-3	Management of material topics		Governance – Ethics & Compliance, Supply Chain
409-1	Operations and suppliers at significant risk	Enterprise Risk Management, Supply Chain	
GRI 413	LOCAL COMMUNITIES 2016		
3-3	Management of material topics	Communities	Communities
413-1	Operations with local community engagement, impact assessments, and development programs	Communities	Communities, Recycled Content
GRI 414	SUPPLIER SOCIAL ASSESSMENT 2016		
3-3	Management of material topics	Supply Chain	Supply Chain
414-1	New suppliers that were screened using social criteria	Supply Chain	Supply Chain

GRI STANDARD	DISCLOSURE	2022 REPORT LOCATION	2024 UPDATE LOCATION
414-2	Negative social impacts in the supply chain and actions taken	Supply Chain	
GRI 415	PUBLIC POLICY 2016		
3-3	Management of material topics	Corporate Governance	
415-1	Political contributions	Corporate Governance	
GRI 416	CUSTOMER HEALTH AND SAFETY 2016		
3-3	Management of material topics	Product Health & Safety	
416-1	Assessment of the health and safety impacts of product and service categories	Product Health & Safety	
GRI 418	CUSTOMER PRIVACY 2016		
3-3	Management of material topics		Governance – Ethics & Compliance

SASB Index: Containers & Packaging Standards

DISCLOSURE CODE	TOPIC	ACCOUNTING METRIC	2022 REPORT SECTION	2024 UPDATE SECTION
RT-CP-110a.1	Greenhouse Gas Emissions	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Energy & Emissions	Energy & Emissions
RT-CP-110a.2	Greenhouse Gas Emissions	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Climate Change Strategy, Our Sustainability Approach, Environmental Management, Energy & Emissions	Climate Change Strategy, Company Overview, Energy & Emissions
RT-CP-130a.1	Energy Management	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable, (4) total self-generated energy	Energy & Emissions	Energy & Emissions, Innovation
RT-CP-140a.1	Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Water	Water
RT-CP-140a.2	Water Management	Description of water management risks and discussion of strategies and practices to mitigate those risks	Water	Water
RT-CP-140a.3	Water Management	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Water	Water

DISCLOSURE CODE	TOPIC	ACCOUNTING METRIC	2022 REPORT SECTION	2024 UPDATE SECTION
RT-CP-250a.2	Product Safety	Discussion of process to identify and manage emerging materials and chemicals of concern	Product Health & Safety	Benefits of Glass
RT-CP-410a.1	Product Lifecycle Management	Percentage of raw materials from: (1) recycled content, (2) renewable resources, and (3) renewable and recycled content	Raw Materials & Waste, Recycled Content	Raw Materials & Waste, Recycled Content
RT-CP-410a.2	Product Lifecycle Management	Revenue from products that are reusable, recyclable, and/or compostable	<i>100% of products are recyclable</i>	<i>100% of products are recyclable</i>
RT-CP-410a.3	Product Lifecycle Management	Discussion of strategies to reduce the environmental impact of packaging throughout its lifecycle	Our Sustainability Approach, Our Environment, Energy & Emissions, Raw Materials & Waste, Water, Supply Chain, Recycled Content	Climate Change Strategy, Benefits of Glass, Environmental Management, Energy & Emissions, Raw Materials & Waste, Water, Supply Chain, Innovation, Recycled Content, Communities
RT-CP-000.A	Activity Metrics	Amount of production, by substrate		<i>100% of product is glass</i>
RT-CP-000.B	Activity Metrics	Percentage of production as: (1) paper/wood, (2) glass, (3) metal, and (4) plastic		<i>100% of production revenue is from glass</i>
RT-CP-000.C	Activity Metrics	Number of employees		<i>Over 23,000</i>

TCFD Index

DISCLOSURES CATEGORY	TOPIC	2022 REPORT SECTION	2024 UPDATE SECTION
Governance	Describe the board's oversight of climate-related risks and opportunities.	Corporate Governance	Our Approach to Sustainable Transformation
Governance	Describe management's role in assessing and managing climate-related risks and opportunities	Corporate Governance, Our Sustainability Approach	Our Approach to Sustainable Transformation, Governance – Ethics & Compliance
Strategy	Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	Climate Change Strategy, Enterprise Risk Management	Climate Change Strategy, Proxy
Strategy	Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Climate Change Strategy, Enterprise Risk Management	Climate Change Strategy, Our Approach to Sustainable Transformation. Proxy
Strategy	Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	Vision Statement, Climate Change Strategy, Our Sustainability Approach, Energy & Emissions	Climate Change Strategy, Our Approach to Sustainable Transformation
Risk Management	Describe the organization's processes for identifying and assessing climate-related risks.	Enterprise Risk Management, Environmental Management, Energy & Emissions, Raw Materials & Waste, Water	Our Approach to Sustainable Transformation, Governance – Ethics & Compliance, Environmental Management, Energy & Emissions, Waste, Water, Communities

DISCLOSURES CATEGORY	TOPIC	2022 REPORT SECTION	2024 UPDATE SECTION
Risk Management	Describe the organization's processes for managing climate-related risks.	Corporate Governance, Enterprise Risk Management, Our Sustainability Approach, Environmental Management, Energy & Emissions, Raw Materials & Waste, Water	Climate Change Strategy, Company Overview
Risk Management	Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	Corporate Governance, Enterprise Risk Management, Our Sustainability Approach, Environmental Management, Energy & Emissions, Raw Materials & Waste, Water	Our Approach to Sustainable Transformation, Governance – Ethics & Compliance
Metrics and Targets	Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	Our Sustainability Scorecard, Our Sustainability Approach, Our Environment	O-I's Sustainability Goals, Sustainability Scorecard, Climate Change Strategy
Metrics and Targets	Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	Enterprise Risk Management, Energy & Emissions	Energy & Emissions
Metrics and Targets	Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	Our Sustainability Scorecard, Our Sustainability Approach, Our Environment	O-I's Sustainability Goals, Sustainability Scorecard, Climate Strategy