

2023 SELECTED FIVE-YEAR REVIEW OF ENVIRONMENTAL AND SOCIAL DATA

ENVIRONMENTAL DATA ¹	UNIT	2023	2022	2021	2020	2019
Energy consumption	MWh in thousands	4,323	4,752	4,663	4,300	4,150
Direct energy ²	MWh in thousands	2,044	2,234	2,208	2,088	2,015
Indirect energy ³	MWh in thousands	2,279	2,518	2,456	2,212	2,135
Renewable energy ⁴	MWh in thousands	1,317	702	1,101	470	95
Greenhouse gas emissions (Scope 1+2)	metric tons CO ₂ e	664,895	978,904	850,516	1,035,709	1,153,839
Scope 1 ⁵	metric tons CO ₂ e	398,624	449,608	447,156	417,546	402,878
Scope 2 ⁶	metric tons CO ₂ e	266,271	529,296	403,360	618,163	750,961
Scope 3 ^{7,8}	metric tons CO ₂ e	8,658,102	12,145,533	11,268,858	10,263,916	10,300,547
Biogenic ⁹	metric tons CO ₂	0	4,850	5,043	5,547	5,277
Water withdrawal ¹⁰	m ³	8,299,459	9,859,660	9,716,492	8,980,864	8,698,149
Waste generation ¹¹	metric tons in thousands	71,479	83,690	82,923	80,130	63,974
Recycled/reused	metric tons in thousands	41,586	49,204	51,218	49,082	39,235
Landfill	metric tons in thousands	4,971	5,626	5,065	4,837	5,228
Other treatment	metric tons in thousands	24,921	28,860	26,640	26,211	19,511
VOC emissions	metric tons	7,279	8,228	8,486	8,352	8,150
SOCIAL DATA	UNIT	2023	2022	2021	2020	2019
Employees (year-end) ^{12, 13}	#	21,000	23,000	24,300	21,500	18,300
Male	% of total workforce	79%	75%	74%	83%	80%
Female	% of total workforce	21%	19%	18%	17%	17%
Not disclosed ¹⁴	% of total workforce	0%	6%	8%	0%	3%
<30	% of total workforce	17%	18%	16%	16%	20%
30–50	% of total workforce	60%	59%	59%	59%	55%
>50	% of total workforce	23%	23%	25%	25%	25%
Employee turnover ¹⁵	% of total workforce	15.4%	17.8%	12.5%	–	–
Voluntary turnover	% of total workforce	8.8%	10.2%	9.3%	–	–
Total recordable injury rate ¹⁶	recordable injury/200,000 hours worked	1.20	1.37	1.01	0.77	0.90
Work-related fatalities	#	0	0	0	0	0

An external third party has performed limited assurance over the following metrics for the year ended December 31, 2023, as indicated in the Report of Independent Accountants: Energy consumption (direct, indirect, and renewable), Greenhouse gas emissions (Scopes 1, 2, and 3), Water withdrawal, and VOC emissions. 2023 Scope 3 emission assurance includes the following: Purchased goods and services, Capital goods, Fuel and energy-related activities, Upstream transportation and distribution, Business travel, Employee commuting, Downstream transportation and distribution, Processing of sold products, and Investments. Ball determined it no longer had operational control over one of its joint ventures in 2023. The impact to Scope 3 GHG emissions, Category 15 was an increase of approximately 75%, to Scope 2 GHG emissions (market-based) was a decrease of approximately 16%, and to each of the other impacted reported metrics was a decrease of less than 7%, and the total Scope 1, 2 and 3 GHG emissions inventory decreased approximately 1%.

For more information, please see the Report of Independent Accountants and [management assertion available online](#). In consideration of the Greenhouse Gas Protocol, Ball has excluded environmental data related to its Russia beverage packaging business for all years presented as it was sold in 2022. For more Environmental and Social metrics, please see our [GRI Content Index available online](#).