

2024 Selected Five-year Review of Environmental and Social Data

ENVIRONMENTAL DATA ¹		UNIT	2024	2023	2022	2021	2020
Energy consumption	MWh in thousands		4,282	4,215	4,640	4,552	4,204
Direct energy ²	MWh in thousands		2,005	1,994	2,184	2,153	2,041
Indirect energy ³	MWh in thousands		2,277	2,221	2,457	2,399	2,163
Renewable energy ⁴	MWh in thousands		1,668	1,317	702	1,101	469
Greenhouse gas emissions (Scope 1+2)	metric tons CO ₂ e		577,549	622,185	914,621	785,452	993,478
Scope 1 ⁵	metric tons CO ₂ e		387,349	388,628	422,794	419,042	390,981
Scope 2 ⁶	metric tons CO ₂ e		190,200	233,557	491,827	366,410	602,497
Scope 3 ^{7,8,9}	metric tons CO ₂ e		7,544,675	8,687,929	12,169,385	11,288,156	10,250,558
Biogenic ¹⁰	metric tons CO ₂		–	–	4,850	5,043	5,547
Water withdrawal	m ³		8,308,950	8,157,335	9,674,891	9,544,791	8,839,378
Waste generation	metric tons		418,277	71,650	82,446	82,086	79,205
Recycled/reused	metric tons		45,153	41,682	48,509	50,798	48,514
Scrap metal—recycled	metric tons		340,895	–	–	–	–
Other treatment	metric tons		23,300	24,996	28,953	26,728	26,455
Landfill	metric tons		4,281	4,971	4,984	4,559	4,236
VOC emissions	metric tons		7,153	7,265	8,197	8,469	8,317
SOCIAL DATA		UNIT	2024	2023	2022	2021	2020
Employees (year-end) ¹¹	#		16,000	21,000	23,000	24,300	21,500
Male	% of total workforce		81%	79%	75%	74%	83%
Female	% of total workforce		19%	21%	19%	18%	17%
Not disclosed ¹²	% of total workforce		0%	0%	6%	8%	0%
<30	% of total workforce		16%	17%	18%	16%	16%
30–50	% of total workforce		63%	60%	59%	59%	59%
>50	% of total workforce		21%	23%	23%	25%	25%
Employee turnover ¹³	% of total workforce		16%	15%	18%	13%	–
Voluntary turnover	% of total workforce		8%	9%	10%	9%	–
Total recordable injury rate ^{14, 15, 16}	(recordable injury x 200,000) / hours worked		1.21	1.20	1.37	1.01	0.77
Work-related fatalities ¹⁶	#		0	0	0	0	0

An external third party has performed limited assurance over the following metrics for the year ended December 31, 2024, as indicated in the Report of Independent Accountants: Energy consumption (direct, indirect, and renewable), Greenhouse gas emissions (Scopes 1, 2, and 3), Water withdrawal, VOC emissions, and Waste generation (Scrap metal—recycled). 2024 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. In addition, Total recordable injury rate and Work-related fatalities has been included as assured metrics. For more information, please see the Report of Independent Accountants and our management assertion available [online](#). In 2024, Ball divested of its Aerospace business and acquired Alucan Entec, S.A., composed of two Aerosol impact extrusion facilities. To ensure comparability over time, we have rebaselined our 2023-2020 data to align with our updated boundary. 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](#).