



Environmental Footprint Metrics for P&G Operations

The table below summarizes environmental statistics for our manufacturing operations, technical centers, and distribution centers for fiscal year 2023.

[Please see our ESG Investor Portal for additional detailed perspective on our efforts related to climate, waste, water, and nature.](#)

	Total			2023 Global Business Units Details					
	2023	2022	2021	Baby, Feminine and Family Care	Beauty	Fabric & Home Care	Grooming	Health Care	Other
Production (metric tons x1,000)									
Finished Products Manufactured ¹	15,069	15,700	15,621	2,680	1,844	9,982	153	410	N/A
Raw Materials from Recycled Sources ²	862	1283	830						
Manufacturing Waste									
Solid Waste Generated (metric tons x1,000)	679	690	693	279	101	191	36	40	32
% Recycled/Reused Waste	99.5%	99.4%	99.0%	99.9%	>99.9%	99.4%	>99.9%	>99.9%	93.7%
% Disposed - Hazardous	0.4%	0.4%	0.9%	<0.01%	0.01%	0.4%	<0.01%	0.02%	0.7%
% Disposed - Non-Hazardous	0.1%	0.1%	0.2%	0.1%	<0.01%	0.2%	0.0%	0.0%	5.7%
Other Waste (metric tons x1,000)									
Effluents (excluding water; COD ³)	16	14	17	4.6	1.1	7.7	0.3	1.8	0.3
Air Emissions ⁴	7	8	8	5.3	0.1	0.8	<0.1	0.2	0.1
Construction & Demolition Waste	7	19	5	3.7	0.0	2.8	0.2	0.1	<0.1
Energy (gigajoules x1,000)									
Energy Consumption	60,885	62,244	62,973	40,115	3,686	9,914	2,404	2,153	2,613
Greenhouse Gas (GHG) (metric tons x1,000)									
Total GHG Emissions ⁵	2,253	2,309	2,398	1,603	91	353	62	55	89
Scope 1 - Direct GHG Emissions	2,123	2,158	2,238	1,593	81	268	60	55	66
Scope 2 - Indirect GHG Emissions ⁶	130	151	160	9	11	85	2	0	23
Biogenic GHG Emissions ⁷	45	53	50						
Water (cubic meters x1,000)									
Water Withdrawn ⁸	69,931	68,584	69,440	44,770	5,607	14,779	1,041	2,183	1,552

1. Estimated from fiscal year 2023 finished product production volumes and average weights.

2. Data is tracked at a corporate level. Value represents quantities of recycled resins and recycled paper used in packaging.

3. Wastewater chemical oxygen demand (COD).

4. Air emissions include particulates, SO₂, NO_x, CO and VOC.

5. Total GHG emissions = Scope 1 + Scope 2. Scope 2 emissions calculated using a market-based method.

6. Market-based Scope 2 GHG emissions. Note: Location-based Scope 2 emissions in 2023 were 2,275 metric tons (x1,000).

7. P&G reports biogenic emissions separately from Scope 1 emissions. This includes biogenic CO₂ from the use of biogas and biomethane delivered via the natural gas pipeline where 3rd party certified energy attribute certificates are provided by the supplier.

8. Water withdrawn data is the water entering P&G facilities.

Note: The total number of facilities included in P&G's Corporate Environmental Footprint tracking is 138 for FY 22/23. This is comprised of 105 manufacturing facilities, major stand-alone offices/technical centers that support the business units, and our largest distribution facilities. Contract manufacturers are not included, following operational control boundaries. Our environmental sustainability footprint is driven by adherence to international reporting standards; primarily the GHG Protocol. Baby, Feminine and Family Care includes Baby Care, Feminine Care and Family Care. Beauty Care includes Hair Care and Skin & Personal Care. Fabric and Home Care includes Fabric Care, Home Care and P&G Chemicals. Grooming includes Blades and Razors and Appliances. Health Care includes Personal Health Care and Oral Care. "Other" includes major stand-alone offices/technical centers that support the business units and our largest distribution facilities. P&G obtains 3rd party assurance of our Scope 1, 2, and portions of our Scope 3 inventory.