2023 Boeing Sustainability Report

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Environmental Data

	2022		2021			2020				
Water ¹	Kilogallons	Megaliters	Total water withdrawal from water-stressed areas²	Kilogallons	Megaliters	Total water withdrawal from water-stressed areas²	Kilogallons	Megaliters	Total water withdrawal from water- stressed areas ²	
OFF-SITE WATER SOURCES										
Surface water withdrawal	687,256	2,601	-%	639,501	2,421	-%	639,167	2,420	-%	
Combination of surface water and groundwater withdrawal	405,788	1,536	22%	366,460	1,387	21%	423,353	1,603	22%	
Groundwater withdrawal	110,671	419	31%	89,855	340	30%	83,596	316	31%	
Reclaimed water (not withdrawn)	2,585	10	-%	3,114	12	-%	2,778	11	-%	
Total water withdrawal	1,203,715	4,556	10%	1,095,816	4,148	10%	1,148,894	4,350	10%	
ON-SITE WATER SOURCES ³										
On-site well water use	2,243	8	100%	4,755	18	100%	2,352	9	100%	
On-site water reclamation	10,321	39	-%	9,576	36	-%	10,508	40	-%	

Boeing does not use seawater.

- 1. Water data represents approximately 84% of operations by square footage.
- 2. Water-stressed areas are those with high or extremely high water stress in the World Resources Institute Aqueduct Model.
- 3. Two locations have on-site water sources Palmdale (well) and Portland (reclamation).

	2022	2021	2020
Waste ¹	Metric tons	Metric tons	Metric tons
Hazardous waste incinerated for energy recovery	661	590	747
Hazardous waste incinerated without energy recovery	701	843	1,019
Hazardous waste sent to landfill	2,473	1,977	2,143
Hazardous waste otherwise disposed	3,435	2,651	1,744
Percentage of hazardous waste recycled	0.1%	1.0%	0.4%
Total hazardous waste generated ²	7,276	6,122	5,674
Nonhazardous waste incinerated for energy recovery	155	286	147
Nonhazardous waste incinerated without energy recovery	81	365	76
Nonhazardous waste sent to landfill	151	149	343
Nonhazardous waste otherwise disposed	7,339	11,138	6,294
Percentage of nonhazardous waste recycled	0.5%	0.4%	1.2%
Total nonhazardous waste generated	7,765	11,981	6,943

- 1. Waste data represents approximately 83% of operations by square footage.
- Hazardous waste is determined from U.S. EPA hazardous manifest or equivalent government shipping documents, with profile waste designations determining the type of waste and Management codes determining the disposal method.