



American Type Culture Collection is focused on reducing future emissions across our operations. Current operations include two facilities, totaling 211,075 square feet. To ensure accurate reporting and tracking towards the target reduction, ATCC used EPA GHG Guidance and the EPA GHG Calculator Tool to establish base year emissions for the calendar year 2023 (*Jan. 1, 2023 – Dec. 31, 2023*). These calculations are limited to Scope 1 and Scope 2 Emissions.

Scope 1 and 2 Greenhouse Gas Emissions (CO ₂ -e, metric tons)	2023
Scope 1 Emissions	
Stationary Combustion	1,289
Mobile Sources	3
Refrigeration / AC Equipment Use	290
Fire Suppression*	0
Purchased Gases	53
Scope 2 Emissions	
Location-Based Scope 2 Emissions	
Purchased and Consumed Electricity	3,713
Purchased and Consumed Steam**	0
Market-Based Scope 2 Emissions	
Purchased and Consumed Electricity	3,600
Purchased and Consumed Steam**	0
Total Organization Emissions	
Total Scope 1 & Location-Based Scope 2	5,348
Intensity (CO ₂ -e per square foot)	0.025
Total Scope 1 & Market-Based Scope 2	5,235
Intensity (CO ₂ -e per square foot)	0.025
Reductions	
Offsets	0
Net Organization Emissions	
Net Scope 1 and 2 Location-Based Emissions	5,348
Intensity (CO ₂ -e per square foot)	0.025
Net Scope 1 and 2 Market-Based Emissions	5,235
Intensity (CO ₂ -e per square foot)	0.025

* Fire Suppression emissions are zero based on inventory change, transferred amount, and capacity change under option 1.

** Steam emission are zero based on organization use of stationary combustion in producing steam.

Scope 1 and 2 Greenhouse Gas Emissions (CO ₂ -e, metric tons)	2022	2023	Difference
Scope 1 Emissions			
Stationary Combustion	2,243	1,289	-954
Mobile Sources	9	3	-6
Refrigeration / AC Equipment Use	203	290	+87
Fire Suppression*	0	0	0
Purchased Gases	48	53	+5
Scope 2 Emissions			
Location-Based Scope 2 Emissions			
Purchased and Consumed Electricity	4,135	3,713	-422
Purchased and Consumed Steam**	0	0	0
Market-Based Scope 2 Emissions			
Purchased and Consumed Electricity	4,008	3,600	-408
Purchased and Consumed Steam**	0	0	0
Total Organization Emissions			
Total Scope 1 & Location-Based Scope 2	6,638	5,348	-1290
Intensity (CO ₂ -e per square foot)	0.03	0.025	-0.005
Total Scope 1 & Market-Based Scope 2	6,512	5,235	-1277
Intensity (CO ₂ -e per square foot)	0.03	0.025	-0.005
Reductions			
Offsets	0	0	0
Net Organization Emissions			
Net Scope 1 and 2 Location-Based Emissions	6,638	5,348	-1290
Intensity (CO ₂ -e per square foot)	0.03	0.025	-0.005
Net Scope 1 and 2 Market-Based Emissions	6,512	5,235	-1277
Intensity (CO ₂ -e per square foot)	0.03	0.025	-0.005