

GATX Greenhouse Gas (GHG) Emissions

All Global Locations for Rail North America and Rail International

Scope 1 & Scope 2 GHG Emissions

Scope	2019		2020		2021	
	Location-Based Total by Scope (MT CO ₂ e)	Market-Based Total by Scope (MT CO ₂ e)	Location-Based Total by Scope (MT CO ₂ e)	Market-Based Total by Scope (MT CO ₂ e)	Location-Based Total by Scope (MT CO ₂ e)	Market-Based Total by Scope (MT CO ₂ e)
Scope 1 - Direct Emissions	14,258	14,258	15,197	15,197	16,437	16,437
Scope 2 - Indirect Emissions from Purchased Energy	13,379	12,022	11,321	10,554	10,239	9,889
Total	27,636	26,279	26,518	25,751	26,676	26,326

GHG Emissions by Location

Location Name	2019		2020		2021	
	Location-Based Total (MT CO ₂ e)	Market-Based Total (MT CO ₂ e)	Location-Based Total (MT CO ₂ e)	Market-Based Total (MT CO ₂ e)	Location-Based Total (MT CO ₂ e)	Market-Based Total (MT CO ₂ e)
Rail N.A. Offices	1,874	1,431	1,350	1,033	1,089	940
Rail N.A. Fixed Facilities	20,907	19,810	20,530	19,902	20,970	20,924
Rail N.A. Field Services - Customer Sites	275	277	362	365	0	0
Rail N.A. Field Services - Mobile Repair Units	52	52	55	55	0	0
Locomotive Repair	222	222	96	97	108	110
Rail International Offices	289	316	223	246	291	290
Rail International Fixed Facilities	4,018	4,170	3,901	4,053	4,216	4,062
Total	27,636	26,279	26,518	25,751	26,676	26,326

GHG Emissions by GHG Type

GHG Type	2019		2020		2021	
	Location-Based Total (MT CO ₂ e)	Market-Based Total (MT CO ₂ e)	Location-Based Total (MT CO ₂ e)	Market-Based Total (MT CO ₂ e)	Location-Based Total (MT CO ₂ e)	Market-Based Total (MT CO ₂ e)
Carbon Dioxide - CO ₂	27,401	26,044	26,294	25,528	26,094	25,745
Methane - CH ₄	56	56	52	52	371	371
Nitrous Oxide - N ₂ O	95	95	86	86	132	132
Hydrofluorocarbons- HFCs	84	84	85	85	79	79
Perfluorocarbon - PFCs	0	0	0	0	0	0
Sulfur hexafluoride - SF ₆	0	0	0	0	0	0
Total	27,636	26,279	26,518	25,751	26,676	26,326

Abbreviations:

- CO₂e- carbon dioxide equivalent - MT- metric tonnes
 - GHG - greenhouse gas - Rail N.A. – Rail North America

Notes:

- Reporting year 2021 Rail North America (Rail NA) data is limited to eight fixed facilities, all Rail NA offices, and one Locomotive Field Service location. Rail International data is limited to 2 fixed facilities and all Rail International offices. However, 2019 and 2020 reporting years include Field Service locations that are no longer owned by GATX. Data does not include Trifleet information, while aircraft spare engines and marine vessels do not meet criteria for Scope 1 and 2 emissions.
- Energy usage for several GATX offices is based on a pro-rata share of building usage or estimated values where data is not available.
- For facilities in the US: Emission factors from the EPA Center for Corporate Climate Leadership (2022, April 1) Emission Factors for Greenhouse Gas Inventories Table 1. For facilities in Canada, emission factors were sourced from The Climate Registry. For non-USA and non-Canadian facilities, emission factors were sourced from WRI GHG Protocol Emission Factors from Cross Sector Tools March 2017.