

GATX Greenhouse Gas (GHG) Emissions

All Global Locations for Rail North America and Rail International

Scope 1 & Scope 2 GHG Emissions

Scope	2019		2020	
	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
Scope 2 - Indirect Emissions from Purchased Energy	13,379	12,022	11,321	10,554
Total	27,636	26,279	26,518	25,751

GHG Emissions by Location

Location Name	2019		2020	
	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
Rail N.A. Fixed Facilities	20,907	19,810	20,530	19,902
Locomotive Repair	222	222	96	97
Rail N.A. Field Services - Customer Sites	275	277	362	365
Rail N.A. Field Services - Mobile Repair Units	52	52	55	55
Rail International Offices	289	316	223	246
Rail International Fixed Facilities	4,018	4,170	3,901	4,053
Total	27,636	26,279	26,518	25,751

GHG Emissions by GHG Type

GHG Type	2019		2020	
	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
Methane - CH ₄	56	56	52	52
Nitrous Oxide - N ₂ O	95	95	86	86
Hydrofluorocarbons- HFCs	84	84	85	85
Perfluorocarbon - PFCs	0	0	0	0
Sulfur hexafluoride – SF ₆	0	0	0	0
Total	27,636	26,279	26,518	25,751

Abbreviations:

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

Notes:

- Data does not include American Steamship Company (ASC). Rolls-Royce and Partners Finance (RRPF) and marine vessels do not meet criteria for Scope 1 and 2 emissions.
- Some data is estimated where actual data was not available.
- For facilities in the US, emission factors were sourced from the EPA Center for Corporate Climate Leadership (2020, March 26) 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.