

Description:	The Metropolitan Transportation Authority is North America's largest transportation network, serving a population of 15.3 million people across a 5,000-square-mile travel area surrounding New York City, Long Island, southeastern New York State, and Connecticut. The MTA network comprises the nation's largest bus fleet and more subway and commuter rail cars than all other U.S. transit systems combined.		
Industry:	48 - Transportation and Warehousing		
Address:	2 Broadway, New York, New York, US	Contact: Michael Mandac	https://www.mta.info/climate/sustainability

Reporting Information

Inventory Type	Complete
Reporting Protocol:	GRP 3.0
GWP Standard:	AR6
Base Year:	2021
Scope 2 method	Location-based
Reporting Year Type	Calendar Year
Consolidation Methodology:	Operational Control Only
Status:	TCR Accepted

Verification Information

Verification Body:	TÜV SÜD America, Inc - Ruby Canyon
Level of Assurance:	Reasonable

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	87,729.294874	87,307.992681	39.80438	381.497813	0	0	0	0
Mobile Combustion - Scope 1	616,975.930014	613,342.873151	1,721.074936	1,911.981927	0	0	0	0
Fugitive - Scope 1	38,921.96142	0	0	0	38,921.96142	0	0	0
Total	743,627.186308	700,650.865832	1,760.879316	2,293.47974	38,921.96142	0	0	0
Applied Offsets	0							
Net Total	743,627.186308							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	1,598,624.686279	1,594,823.035303	1,690.203229	2,111.447747	0	0	0	0
Purchased Steam - Location Based - Scope 2	6,013.924084	6,006.489377	3.206218	4.228489	0	0	0	0
Total	1,604,638.610363	1,600,829.52468	1,693.409447	2,115.676236	0	0	0	0
Applied Offsets	0							
Net Total	1,604,638.610363							

Biogenic - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Biomass Combustion - Biomass	364.400788	364.400788	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	60,777.386285	60,777.386285	0	0	0	0	0	0

Total	61,141.787073	61,141.787073	0	0	0	0	0	0
Applied Offsets	0							
Net Total	61,141.787073							

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	87,729.294874	87,307.992681	1.474236	1.397428	0	0	0	0
Mobile Combustion - Scope 1	616,975.930014	613,342.873151	63.743515	7.003595	0	0	0	0
Fugitive - Scope 1	38,921.96142	0	0	0	38,921.96142	0	0	0
Total	743,627.186308	700,650.865832	65.217751	8.401023	38,921.96142	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,598,624.686279	1,594,823.035303	62.600121	7.734241	0	0	0	0
Purchased Steam - Location Based - Scope 2	6,013.924084	6,006.489377	0.118748	0.015489	0	0	0	0
Total	1,604,638.610363	1,600,829.52468	62.718869	7.74973	0	0	0	0

Biogenic - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	364.400788	364.400788	0	0	0	0	0	0

Mobile Biomass Combustion - Biomass	60,777.386285	60,777.386285	0	0	0	0	0	0
Total	61,141.787073	61,141.787073	0	0	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	7,913	2,409,408	0.33%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | MTA Fugitive Emissions

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Fugitive - Scope 1	38,921.96142	0	0	0	38,921.96142	0	0	0
Total	38,921.96142	0	0	0	38,921.96142	0	0	0

Facility Emissions | MTA Mobile Non-revenue Fuel

Equity share - 100.00 | Entity controls the facility emissions - Yes

Biogenic - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	11.482805	11.482805	0	0	0	0	0	0
Total	11.482805	11.482805	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	44,827.592514	44,220.638526	1.343186	2.090432	0	0	0	0
Total	44,827.592514	44,220.638526	1.343186	2.090432	0	0	0	0

Facility Emissions | MTA Mobile Revenue Electricity

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,250,417.177374	1,247,311.800739	51.065425	6.324579	0	0	0	0
Total	1,250,417.177374	1,247,311.800739	51.065425	6.324579	0	0	0	0

Facility Emissions | MTA Mobile Revenue Fuel

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Mobile Combustion - Scope 1	568,164.450154	566,565.036591	12.701811	4.602434	0	0	0	0
Total	568,164.450154	566,565.036591	12.701811	4.602434	0	0	0	0

Facility Emissions | MTA Mobile Revenue Natural Gas

Equity share - 100.00 | Entity controls the facility emissions - Yes

Biogenic - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	60,765.90348	60,765.90348	0	0	0	0	0	0
Total	60,765.90348	60,765.90348	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Combustion - Scope 1	3,983.887346	2,557.198034	49.698518	0.310729	0	0	0	0
Total	3,983.887346	2,557.198034	49.698518	0.310729	0	0	0	0

Facility Emissions | MTA Stationary Non-revenue Electricity

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	348,207.508905	347,511.234564	11.534696	1.409662	0	0	0	0

Total	348,207.508905	347,511.234564	11.534696	1.409662	0	0	0	0
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Facility Emissions | MTA Stationary Non-revenue Fuel

Equity share - 100.00 | Entity controls the facility emissions - Yes

Biogenic - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Biomass Combustion - Biomass	364.400788	364.400788	0	0	0	0	0	0
Total	364.400788	364.400788	0	0	0	0	0	0

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	7,496.170877	7,481.074261	0.120217	0.043409	0	0	0	0
Total	7,496.170877	7,481.074261	0.120217	0.043409	0	0	0	0

Facility Emissions | MTA Stationary Non-revenue Natural Gas

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	80,233.123997	79,826.91842	1.354019	1.354019	0	0	0	0
Total	80,233.123997	79,826.91842	1.354019	1.354019	0	0	0	0

Facility Emissions | MTA Stationary Non-revenue Steam

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Steam - Location Based - Scope 2	6,013.924084	6,006.489377	0.118748	0.015489	0	0	0	0
Total	6,013.924084	6,006.489377	0.118748	0.015489	0	0	0	0