

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	<a href="https://new.mta.info/investor-info/sustainability">https://new.mta.info/investor-info/sustainability</a>

**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	88,236.155297	87,820.727024	38.408526	377.019747	0	0	0	0
Mobile Combustion - Scope 1	631,039.848924	627,533.861322	1,687.770688	1,818.216914	0	0	0	0
Fugitive - Scope 1	70,309.976071	0	0	0	70,309.976071	0	0	0
<b>Total</b>	<b>789,585.980292</b>	<b>715,354.588346</b>	<b>1,726.179214</b>	<b>2,195.236661</b>	<b>70,309.976071</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>	<b>0</b>							
<b>Net Total</b>	<b>789,585.980292</b>							

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	1,330,885.427492	1,327,468.376993	1,468.265752	1,948.784747	0	0	0	0
Purchased Steam - Location Based - Scope 2	5,967.919329	5,960.541639	3.18168	4.19601	0	0	0	0
<b>Total</b>	<b>1,336,853.346821</b>	<b>1,333,428.918632</b>	<b>1,471.447432</b>	<b>1,952.980757</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>	<b>0</b>							
<b>Net Total</b>	<b>1,336,853.346821</b>							

Direct Emissions - Biomass	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	467.897802	467.897802	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	60,972.622413	60,972.622413	0	0	0	0	0	0

<b>Total</b>	61,440.520215	61,440.520215	0	0	0	0	0	0
<b>Applied Offsets</b>	0							
<b>Net Total</b>	61,440.520215							

## 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	88,236.155297	87,820.727024	1.422526	1.381013	0	0	0	0
Mobile Combustion - Scope 1	631,039.848924	627,533.861322	62.510017	6.660126	0	0	0	0
Fugitive - Scope 1	70,309.976071	0	0	0	70,309.976071	0	0	0
<b>Total</b>	789,585.980292	715,354.588346	63.932543	8.041139	70,309.976071	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	1,330,885.427492	1,327,468.376993	54.380196	7.138387	0	0	0	0
Purchased Steam - Location Based - Scope 2	5,967.919329	5,960.541639	0.11784	0.01537	0	0	0	0
<b>Total</b>	1,336,853.346821	1,333,428.918632	54.498036	7.153757	0	0	0	0

Direct Emissions - Biomass	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	467.897802	467.897802	0	0	0	0	0	0

Mobile Biomass Combustion - Biomass	60,972.622413	60,972.622413	0	0	0	0	0	0
<b>Total</b>	61,440.520215	61,440.520215	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	32,195	2,187,879	1.47%

\*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	70,309.976071	0	0	0	70,309.976071	0	0	0
<b>Total</b>	70,309.976071	0	0	0	70,309.976071	0	0	0

## Facility Emissions | MTA Mobile Non-revenue Fuel

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

Direct Emissions - Biomass	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	19.303727	19.303727	0	0	0	0	0	0
<b>Total</b>	19.303727	19.303727	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	53,662.982392	53,121.597066	1.587006	1.826138	0	0	0	0
<b>Total</b>	53,662.982392	53,121.597066	1.587006	1.826138	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	1,026,144.414932	1,023,368.689233	44.159093	5.800106	0	0	0	0
<b>Total</b>	1,026,144.414932	1,023,368.689233	44.159093	5.800106	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	573,417.422753	571,837.368317	12.657043	4.535944	0	0	0	0
<b>Total</b>	573,417.422753	571,837.368317	12.657043	4.535944	0	0	0	0

## Facility Emissions | MTA Mobile Revenue Natural Gas

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

Direct Emissions - Biomass	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	60,953.318686	60,953.318686	0	0	0	0	0	0
<b>Total</b>	60,953.318686	60,953.318686	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	3,959.443779	2,574.895939	48.265968	0.298044	0	0	0	0
<b>Total</b>	3,959.443779	2,574.895939	48.265968	0.298044	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	304,741.01256	304,099.68776	10.221103	1.338281	0	0	0	0

<b>Total</b>	304,741.01256	304,099.68776	10.221103	1.338281	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

Direct Emissions - Biomass	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	467.897802	467.897802	0	0	0	0	0	0
<b>Total</b>	467.897802	467.897802	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	9,634.238916	9,616.757699	0.096044	0.054531	0	0	0	0
<b>Total</b>	9,634.238916	9,616.757699	0.096044	0.054531	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	78,601.916381	78,203.969325	1.326482	1.326482	0	0	0	0
<b>Total</b>	78,601.916381	78,203.969325	1.326482	1.326482	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	5,967.919329	5,960.541639	0.11784	0.01537	0	0	0	0
<b>Total</b>	5,967.919329	5,960.541639	0.11784	0.01537	0	0	0	0