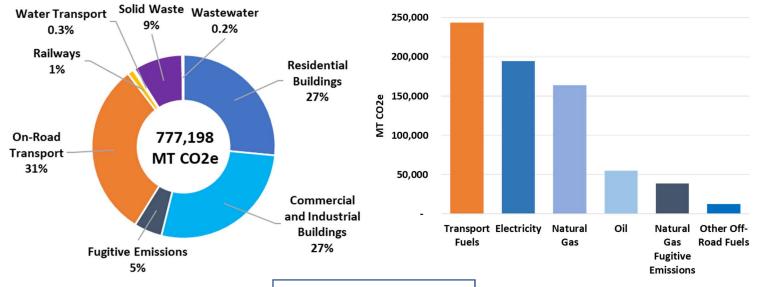
## **Greenhouse Gas Emissions Inventory for the City of Quincy**

Greenhouse gas (GHG) emissions are the main contributors to global climate change. The 2018 Community-wide GHG Inventory quantifies Quincy's GHG emissions from various city-wide activities in order to help residents understand how their emissions are generated.

The Inventory was completed using the Global Protocol for Community-Scale GHG Emission Inventories. Emissions are reported in metric tons of carbon dioxide equivalent (MT CO2e). Emissions were generated by activities taking place within Quincy during the 2018 calendar year.

## 2018 Community-wide Greenhouse Gas Emissions Profile



## **Emissions by Sector**

**32%** 9% 59% **Buildings and Energy Transportation** Waste C/I = Commercial/Industrial Commercial Other Vehicles **Fugitive** Off-Road **Vehicles** Wastewater **Emissions** 3% **MBTA Buses** 6% Residential 3% 8% 1% Electricity C/I Fuel Oil 16% Water Transport 2% 1% Railway C/I Natural 3% 69.571 250,351 Gas 457,276 Residential 17% MT CO2e **Natural Gas** MT CO2e MT CO2e 19% Passenger Solid Waste **Vehicles** 97% 82% **Residential Fuel Oil** C/I Electricity and Propane

**FAST FACTS** 

"How much is 777,198 MT CO2e?"





25%

Buildings generate the most community-wide emissions mainly due to their consumption of electricity, natural gas, fuel oil, and propane.

10%



Passenger vehicles generate 82% of transportation emissions. Public transit only generates 4%!



The majority of waste emissions are from the landfilling of commercial and industrial waste.





**Completely reducing Quincy's** GHG emissions would require taking 169,000 passenger vehicles off the road. There are only 53,000 passenger vehicles registered in Quincy!