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**

- **Buildings and Energy** (59%)
  - C/I Fuel Oil: 2%
  - C/I Natural Gas: 17%
  - C/I Electricity: 25%
  - Residual Electricity: 16%
  - Residual Fuel Oil and Propane: 10%
  - Residential Electricity: 16%
  - Residual Natural Gas: 19%
  - Residual Fuel Oil and Propane: 10%

- **Transportation** (32%)
  - Commercial Vehicles: 6%
  - Other Vehicles: 7%
  - MBTA Buses: 1%
  - Water Transport: 1%
  - Railway: 3%
  - Passenger Vehicles: 82%

- **Waste** (9%)
  - Wastewater: 3%
  - Solid Waste: 97%

**FAST FACTS**

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

“*How much is 777,198 MT CO2e?*”

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!