

# City of Atlanta Greenhouse Gas Emissions

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## Atlanta Greenhouse Gas Emissions Summary

The Atlanta data reported for the Global Protocol for Community-Scale (GPC) Greenhouse Gas (GHG) Emissions showed that the total GHG emissions in 2015 were 8.50 MMT CO<sub>2</sub>e, a decrease from 8.86 MMT CO<sub>2</sub>e in 2013 (City of Atlanta, 2015).

- Commercial energy (electricity and natural gas) is the largest source of GHG emissions in Atlanta, producing 3.13 MMT CO<sub>2</sub>e
  - This is a decrease from 2013, when commercial sources produced 3.54 MMT CO<sub>2</sub>e in Atlanta
- Transportation is the second largest source of Atlanta GHG emissions, producing 2.91 MMT CO<sub>2</sub>e.
  - Emissions from these transportation sources have increased since 2013, when transportation produced 2.74 MMT CO<sub>2</sub>e.
- Residential energy (electricity and natural gas) in Atlanta produced 1.48 MMT CO<sub>2</sub>e in 2015
  - This is a decrease from 2013 when residential sources produced 1.68 MMT CO<sub>2</sub>e.

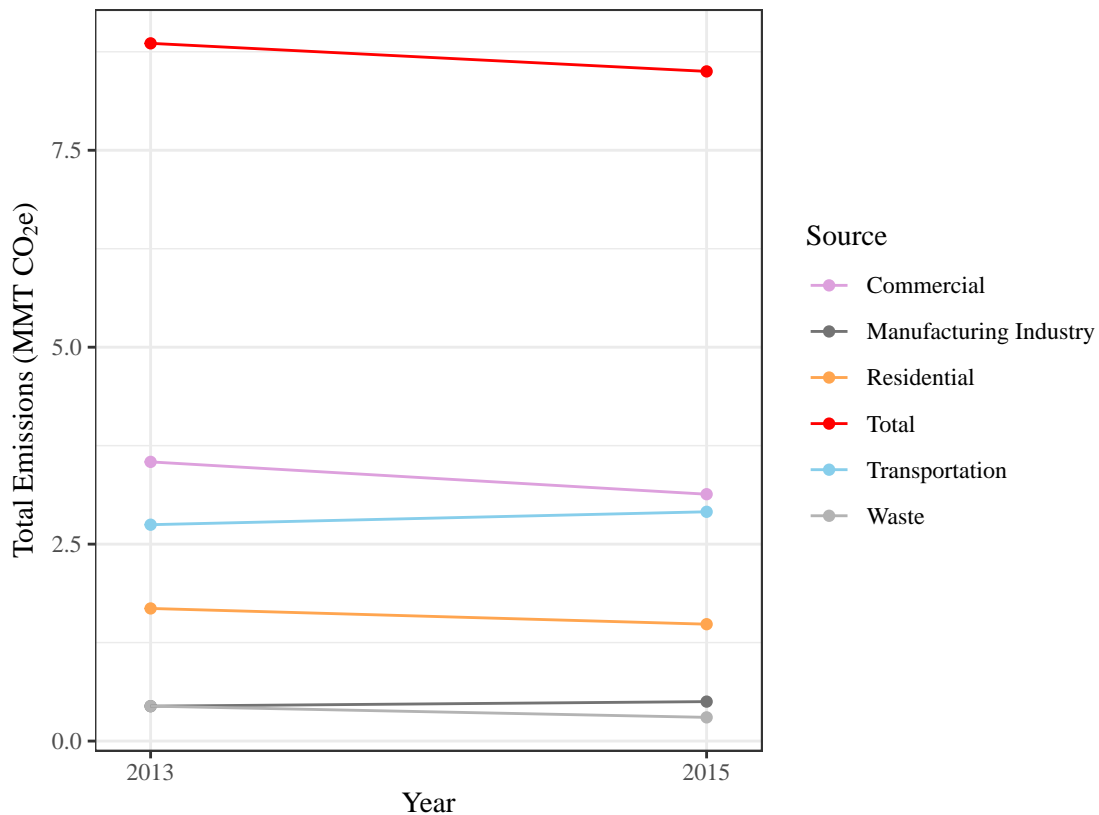


Figure 1: Atlanta Greenhouse Gas Emissions By Source Over Time

Overall, in 2015 Atlanta accounted for 0.13% of GHG emissions in the United States.

- Atlanta commercial emissions account for 37.9% of the city’s total GHG emissions and 0.7% of commercial GHG emissions in the U.S. (see Figure 2).
- Transportation accounts for 34.2% of Atlanta GHG emissions, which is 0.16% of transportation GHG emissions in the U.S.
- Residential energy sources (electricity and natural gas) account for 17.5% of Atlanta GHG emissions, and 0.4% of residential GHG emissions in the U.S.

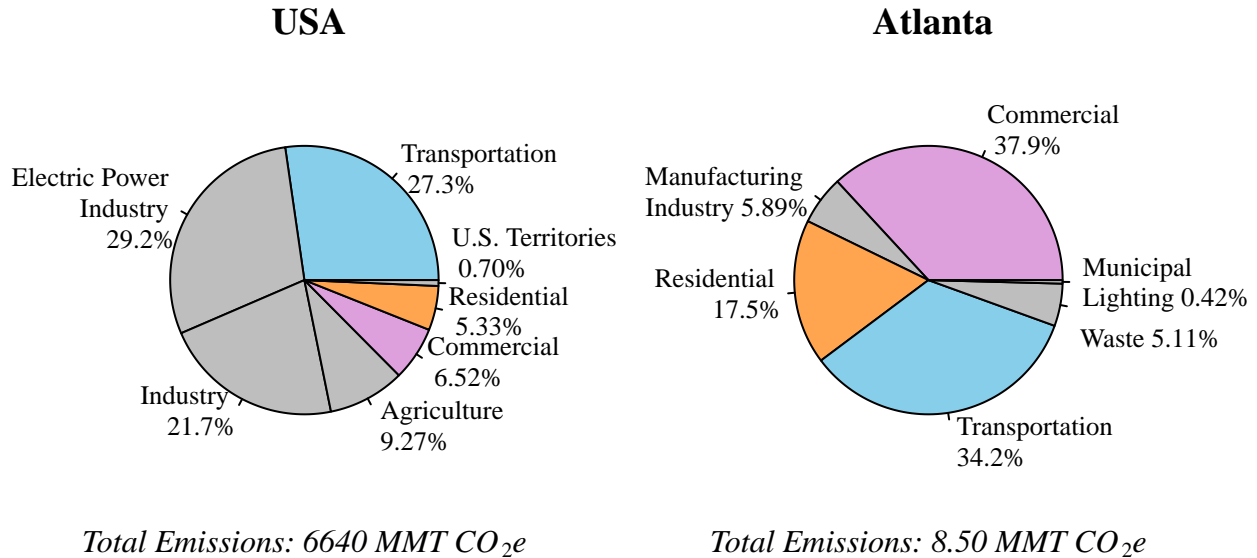


Figure 2: Greenhouse Gas Emissions By Source from: USA (left) and Atlanta (right) Source: Environmental Protection Agency, 2018

## References

City of Atlanta (2015). *Local Actions and Policies for Reducing City of Atlanta’s Greenhouse Gas Emissions*. Retrieved from <https://atlantaclimateactionplan.files.wordpress.com/2016/02/atlanta-climate-action-plan-07-23-2015.pdf>

Environmental Protection Agency. (2018). *Inventory of U.S. Greenhouse Gas Emissions and Sinks*. Retrieved from <https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks>