

# Mapping the Energy and Water Data Disclosure (2014)

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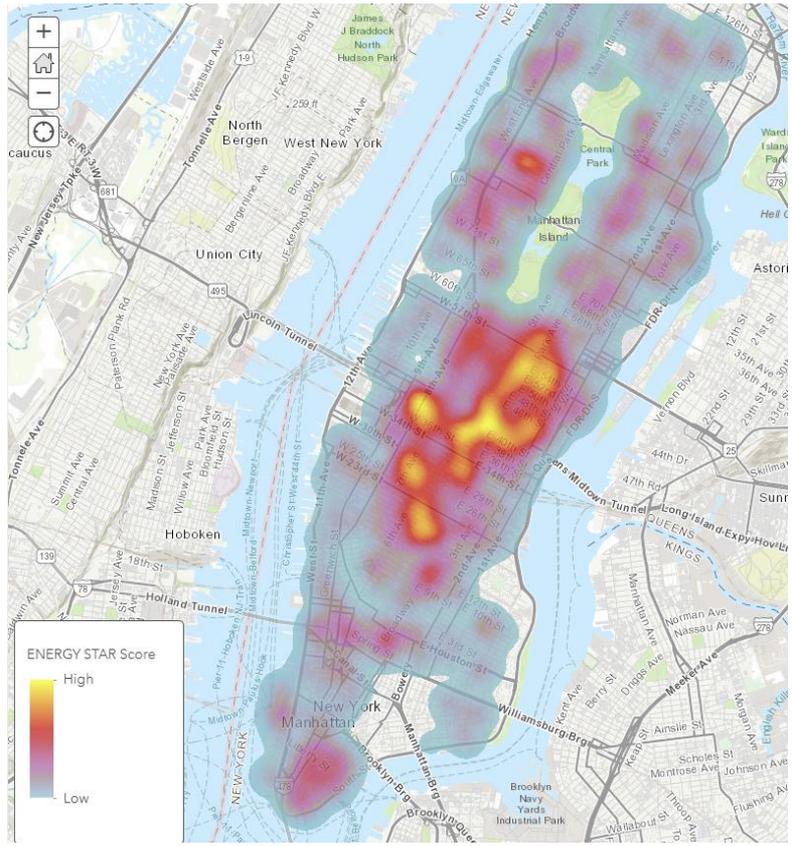
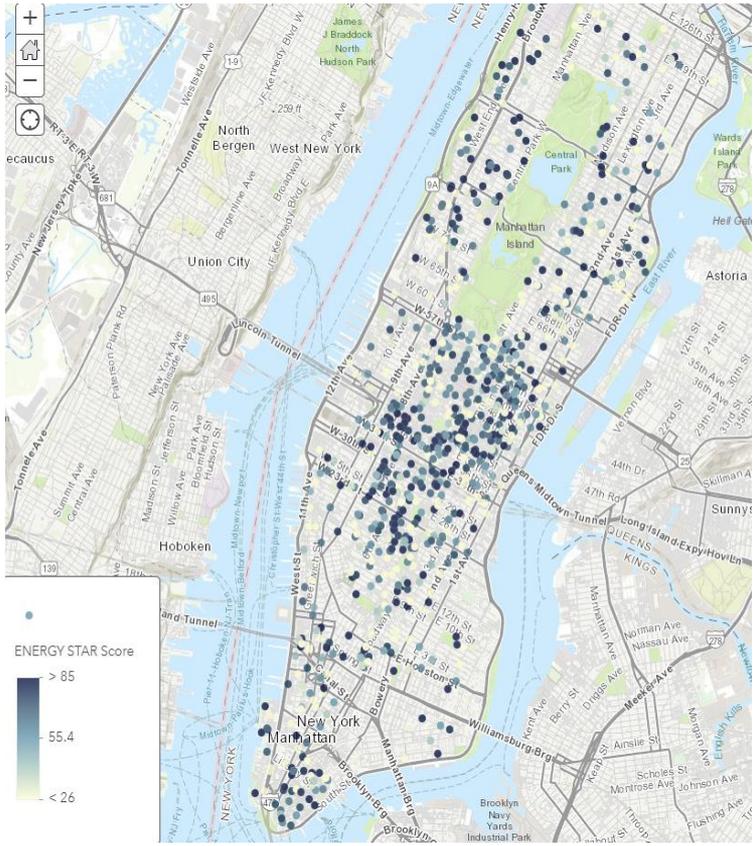




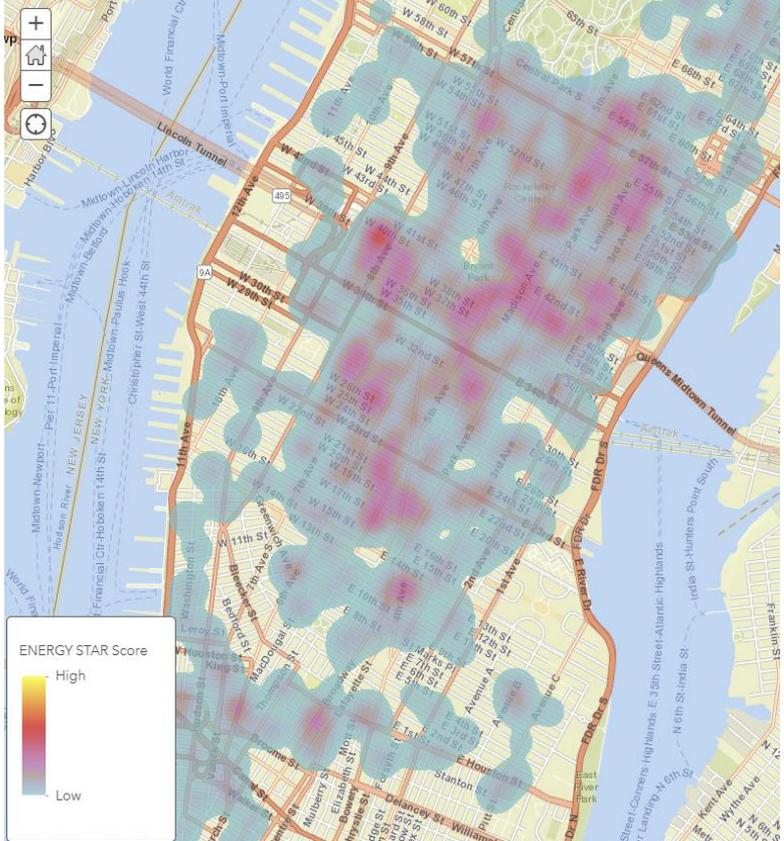
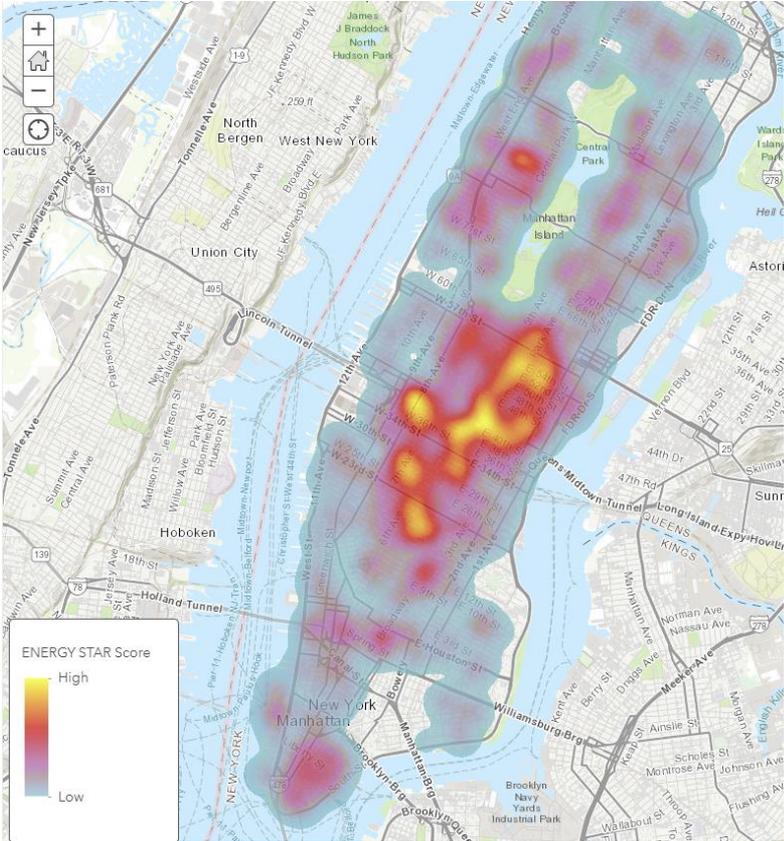
# What is an Energy Star Score?

The 1 – 100 ENERGY STAR score is a screening tool that helps you assess how your property is performing compared to similar buildings nationwide. It will help you identify which properties in your portfolio to target for improvement or recognition. A score of 50 is the median. So if your property scores below 50, it means it's performing worse than 50% of similar properties nationwide, while a score above 50 means it's performing better than 50% of its peers. A score of 75 or higher means it's a top performer and may be eligible for ENERGY STAR certification.

# Map Of Energy Star Score (Manhattan)



# Heat Map Of Energy Star Score (Manhattan)

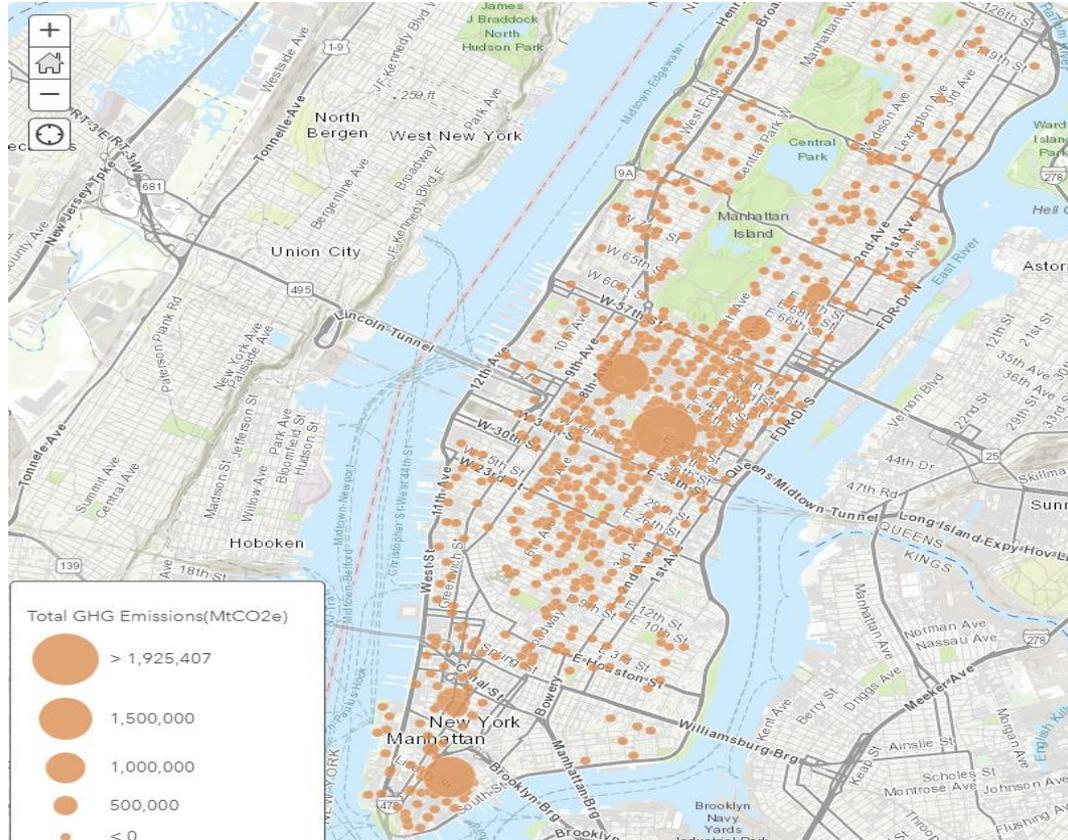




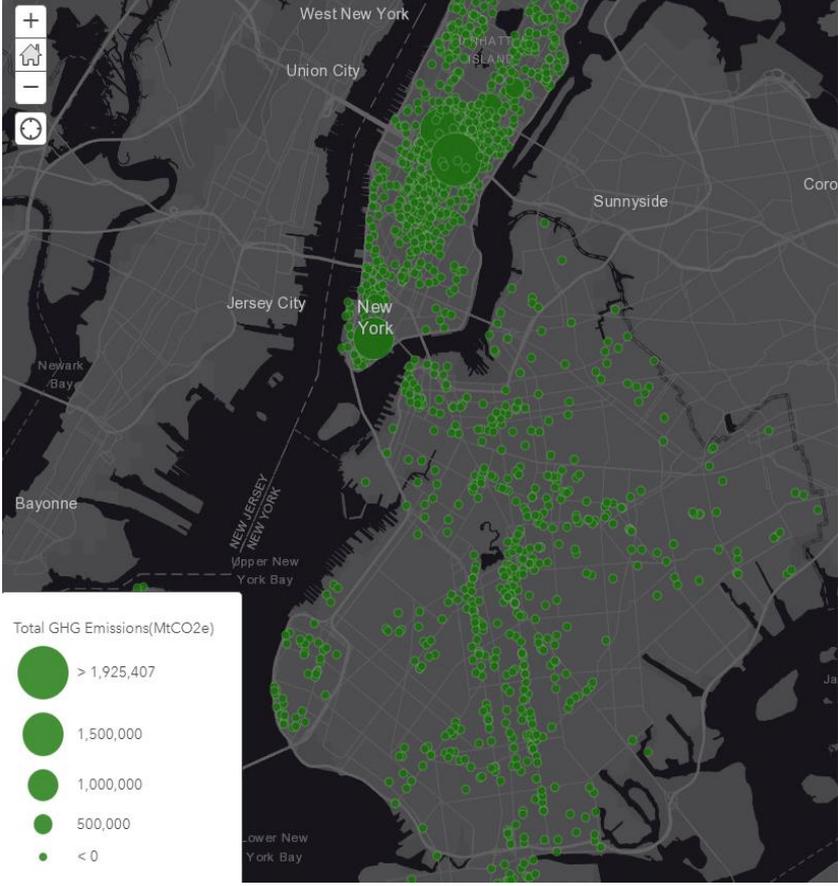
# Unit used to measure total GHG emissions: **MTCO<sub>2</sub>e**

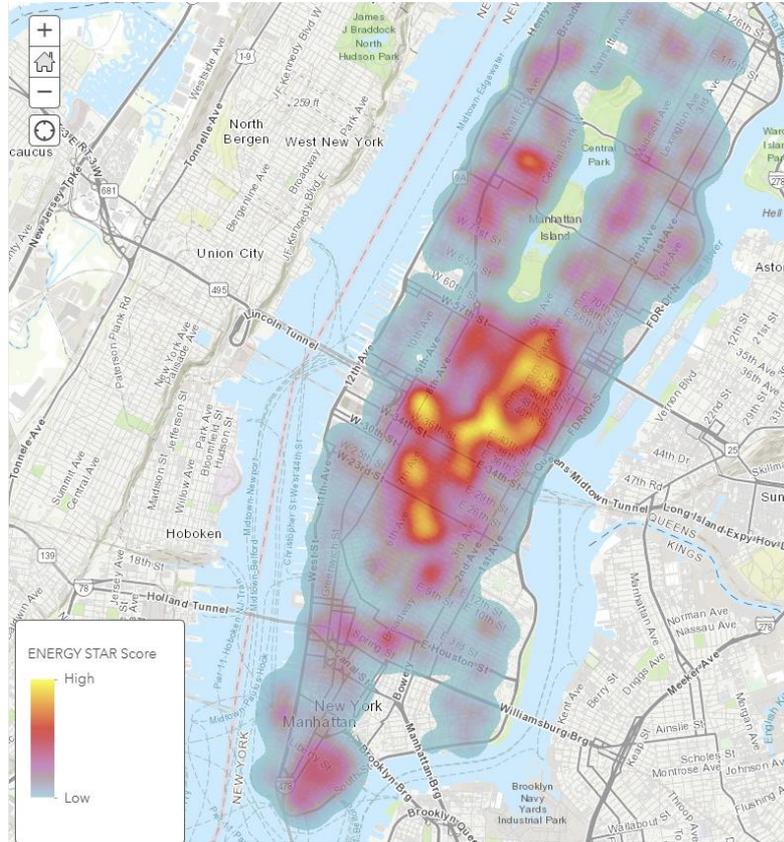
Metric tons of carbon dioxide equivalent or MTCO<sub>2</sub>e is the unit of measurement in this tool. The unit "CO<sub>2</sub>e" represents an amount of a GHG whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide (CO<sub>2</sub>), based on the global warming potential (GWP) of the gas. Tool formulas convert standard metrics for electricity, green energy, fuel use, chemical use, water use, and materials management into MTCO<sub>2</sub>e.

# Manhattan: Total GHG Emissions (MtCO2e)

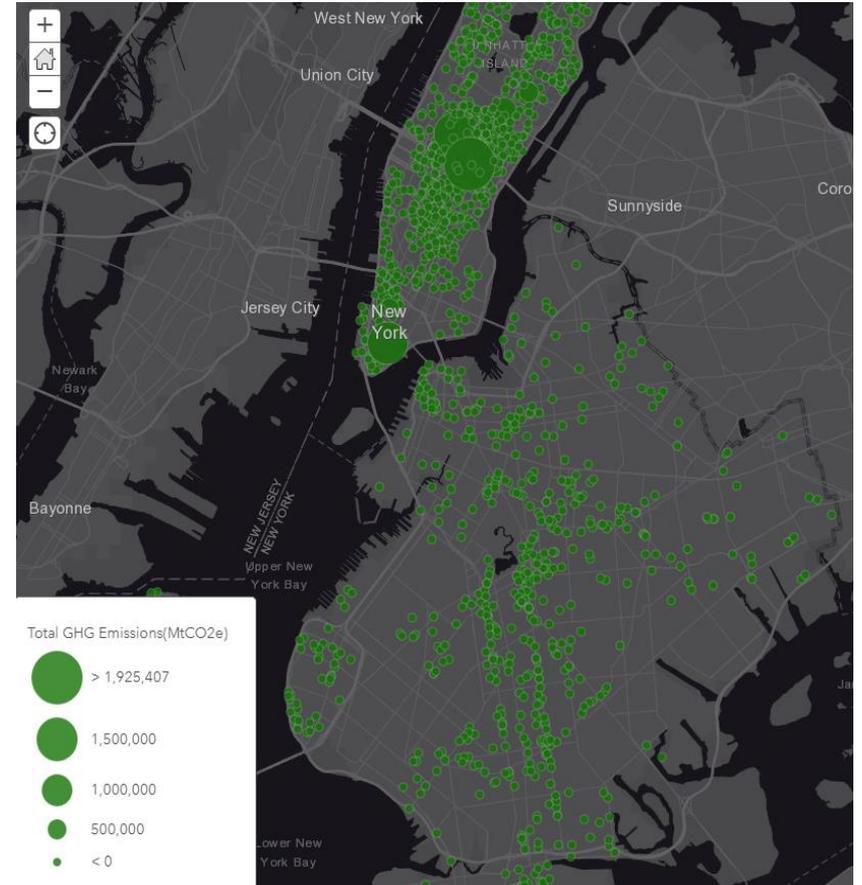


# Manhattan and Brooklyn: Total GHG Emissions (MtCO2e)

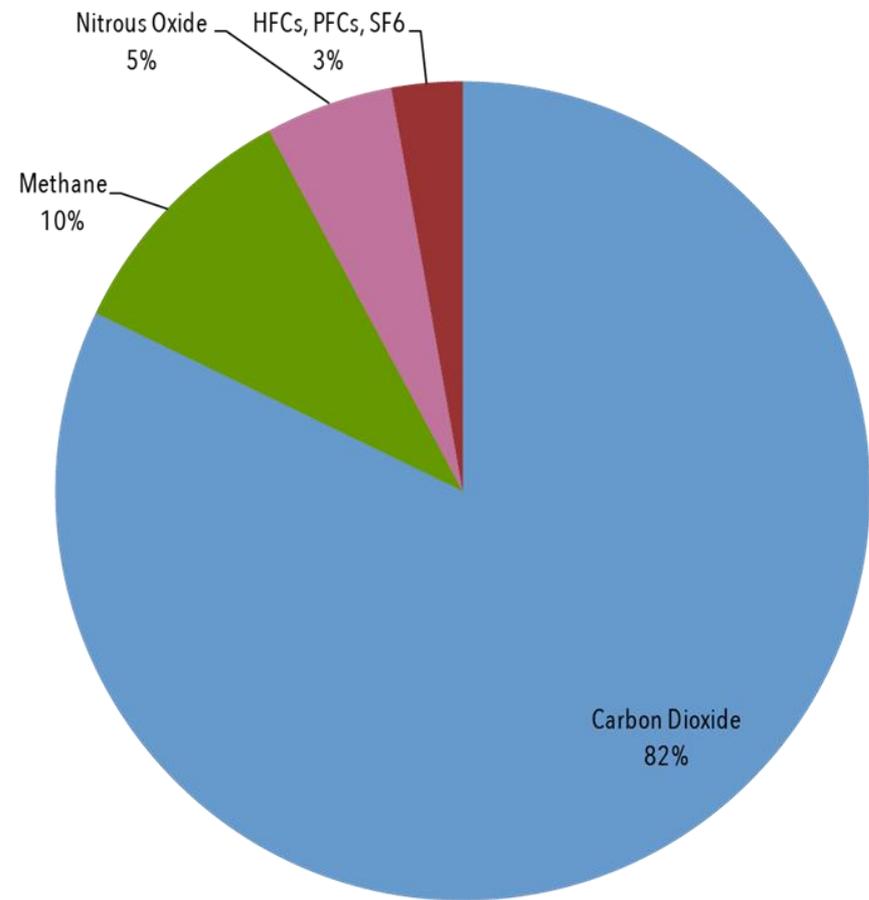




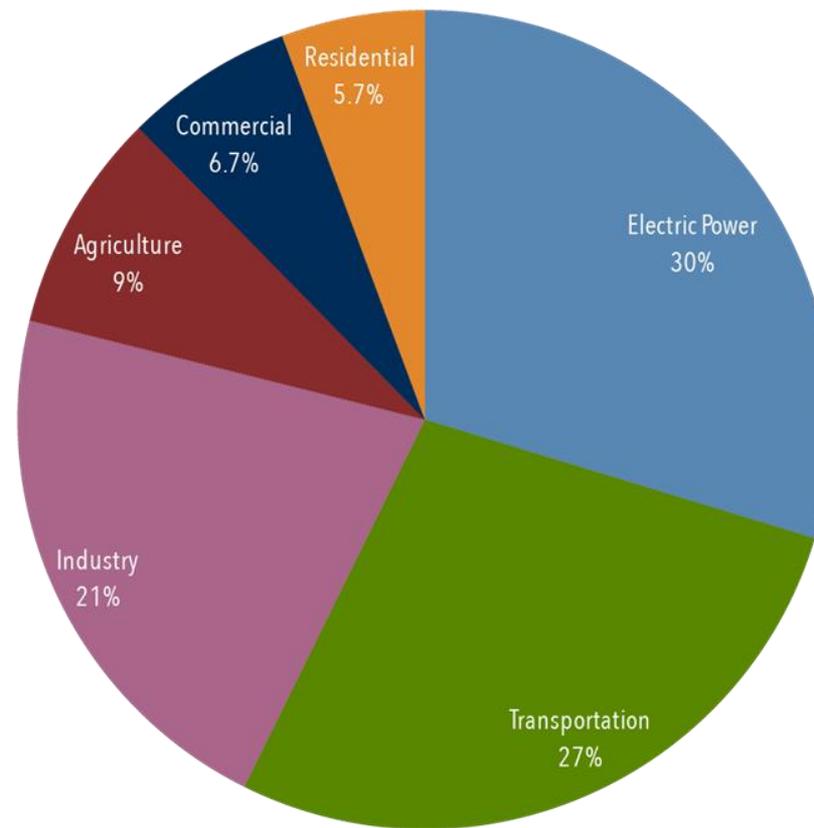
ENERGY STAR Score



Greenhouse Gas Emissions



From the GreenHouse Gas Emission how much is each chemical produced

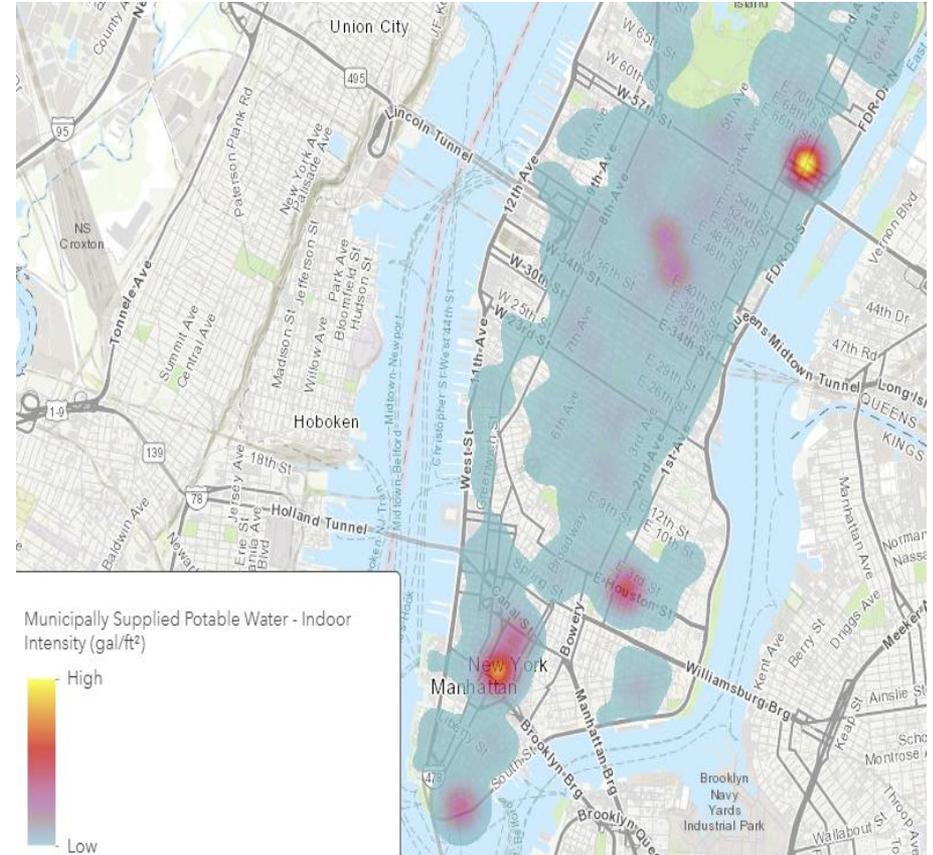
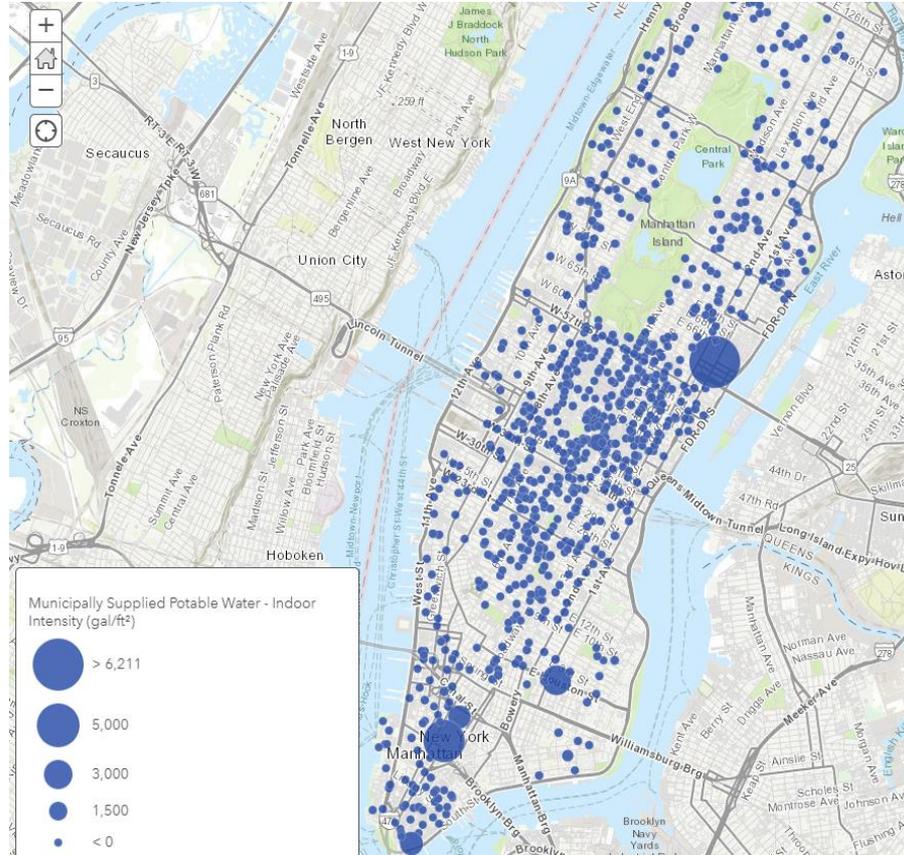


US Greenhouse Gas Emissions by economic sector

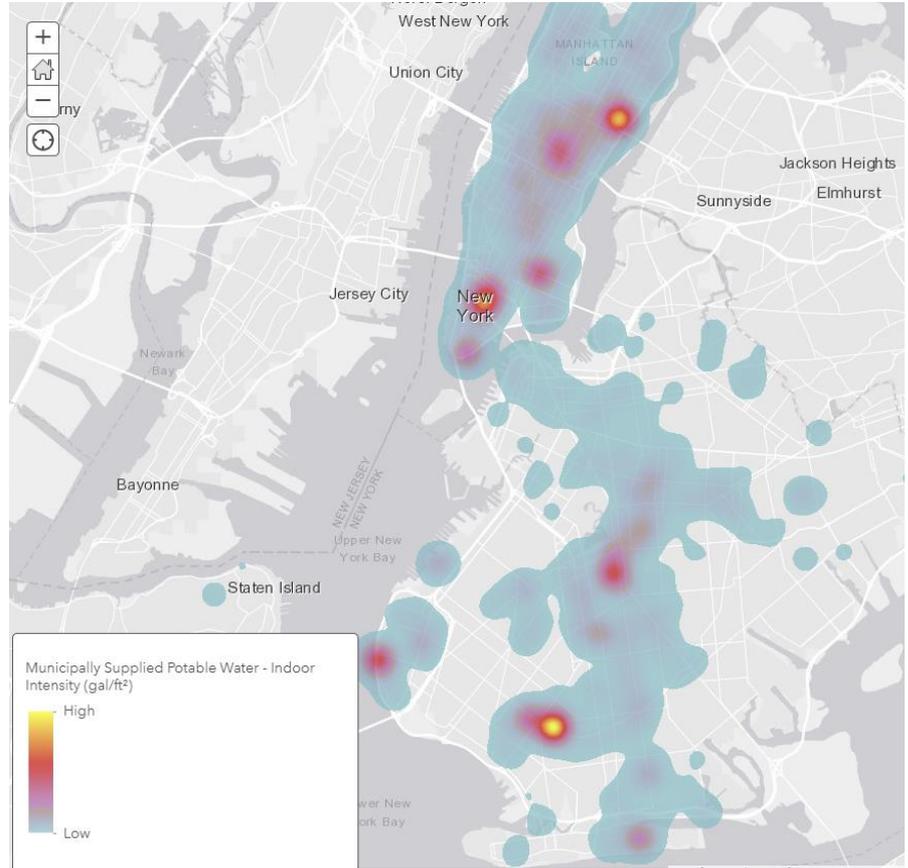
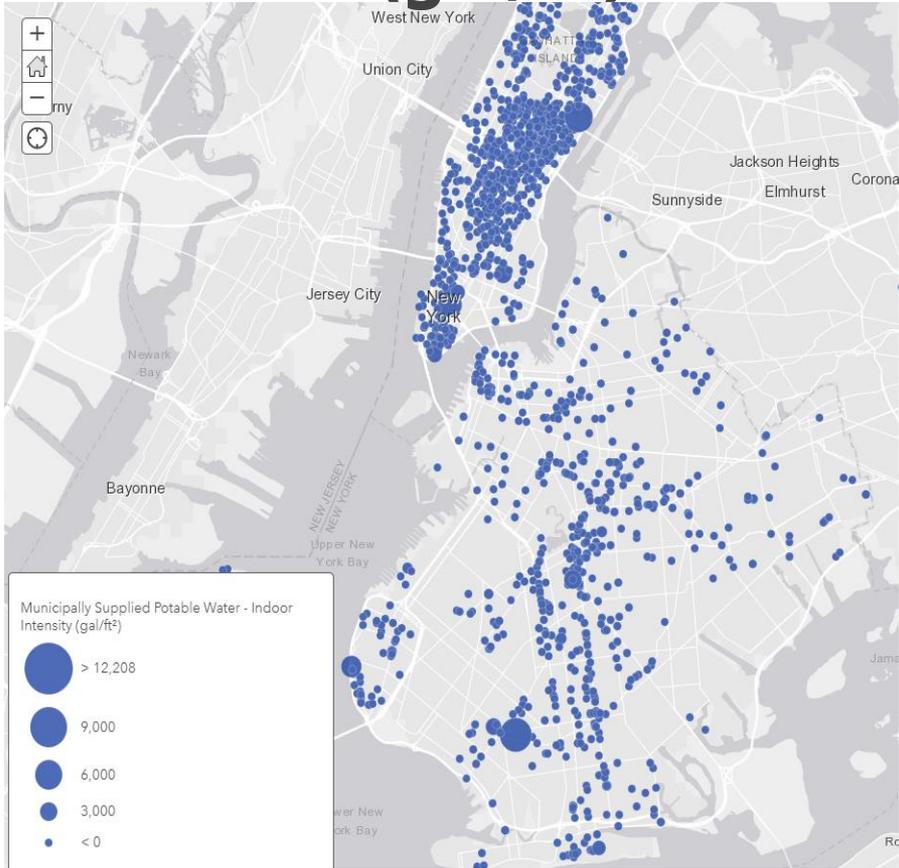
# **Unit used to measure total water data disclosure**

**Municipally Supplied Potable Water** – Water that is of sufficient quality for human consumption and that is obtained from public water systems that are classified, permitted, and approved for human consumption.

# Manhattan: Total water data disclosure (gal/ft)



# Manhattan and Brooklyn: Total water data disclosure (gal/ft)





## Data outside of the heat maps

- While the majority of the building owners manage to submit their water and energy consumption data on time, an alarming amount did not. 11621 were compliant while 2058 in violation of the law
- The ENERGY STAR score is also interesting to see. The mode of the data is 100 where 133 buildings have reported the highest score, and then right after that with 66 buildings is the score of 1.