



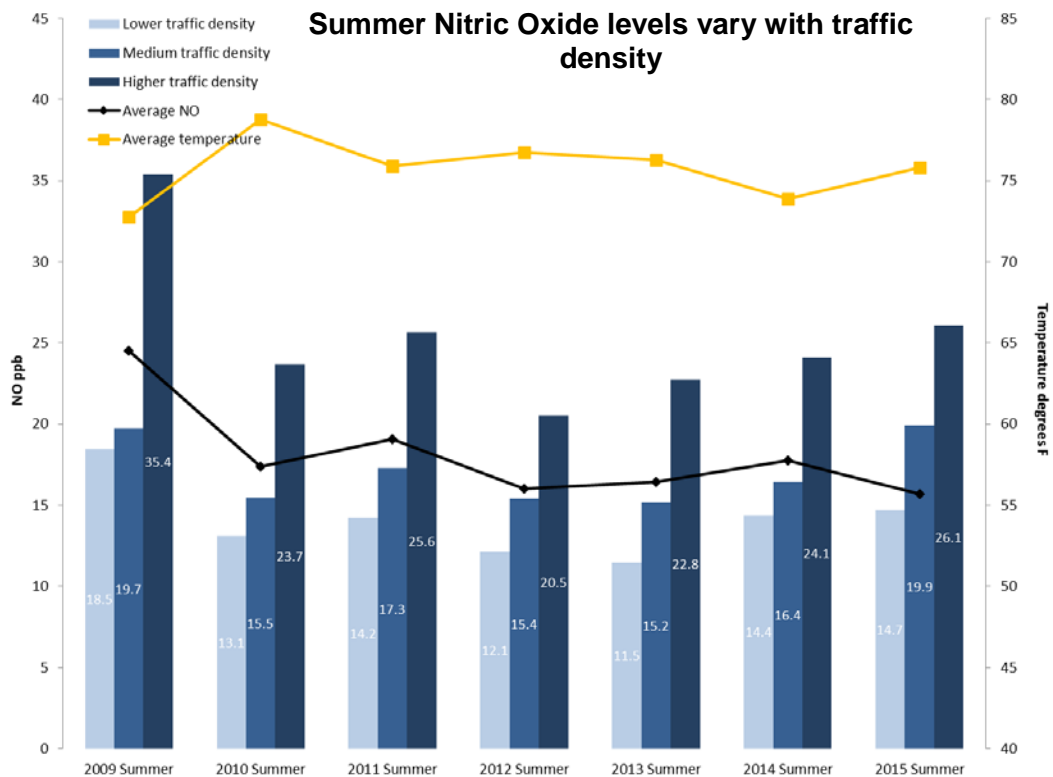
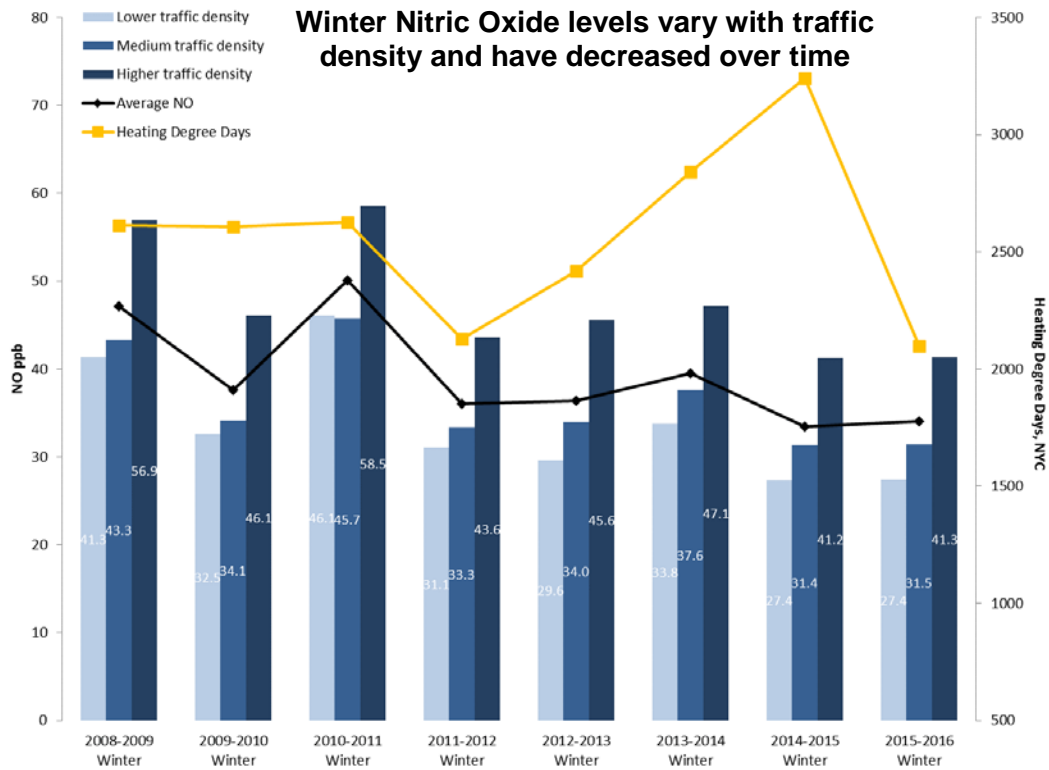
## **New York City Community Air Survey (NYCCAS) - Nitric Oxide (NO) Trends, 2009 - 2016**

### **Summary**

- Year to year changes in average NO concentrations can be affected by temperature, ozone levels, and changes in vehicle traffic and mix.
- Year to year changes in winter average NO concentrations can be caused by differences in weather and building heating demand.

## New York City Community Air Survey (NYCCAS) - Nitric Oxide (NO) Trends, 2009 - 2016

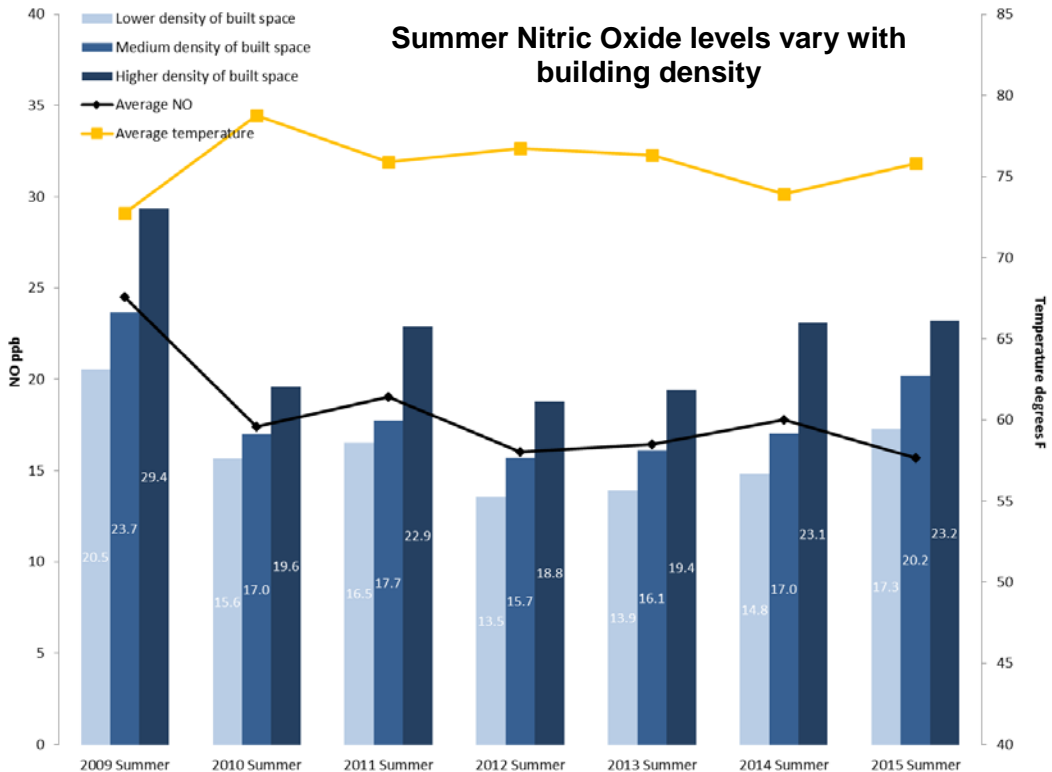
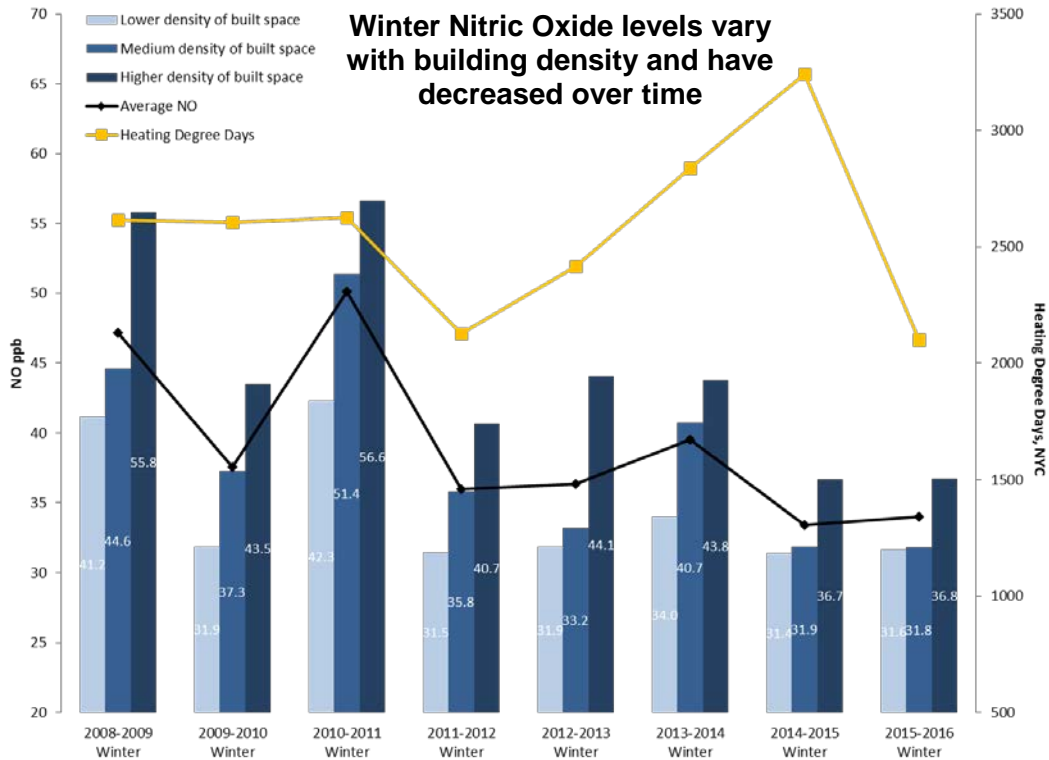
### Seasonal average NO concentrations, by year and traffic density



Traffic density is estimated within 1 km of sampling location. Each category includes one-third of sampling sites with a traffic density of low, 126-11844; medium, 11844-23155; and high, 23155-43257 vehicle-kilometers per hour. Data source: New York Metropolitan Transportation Council. Heating Degree Day is the number of degrees that a day's average temperature is below 65 degrees F.

## New York City Community Air Survey (NYCCAS) - Nitric Oxide (NO) Trends, 2009 - 2016

### Seasonal average NO concentrations by year and building density



Density of built space is estimated as total interior built space within 900m. Each category includes one-third of sampling sites, with total interior built space area of low, 0-1.07; medium, 1.07-2.62; high 2.62-21.7 square kilometers. Data source: New York City Planning PLUTO tax lot data. NYCCAS based on 60 sites continuously monitored from 2008 through 2016.