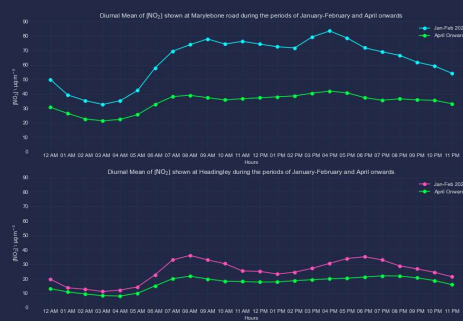


# AIR QUALITY 2020

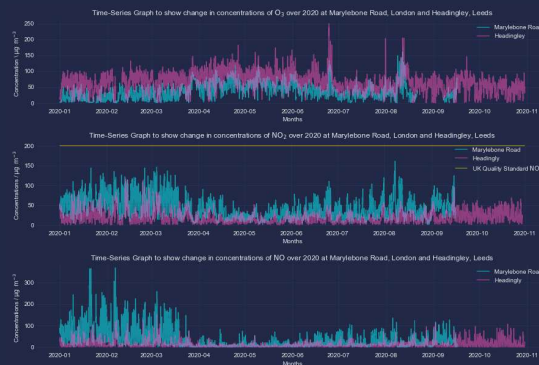
*How has it been affected by lockdown?*

From Data taken at Marylebone Road and Headingley



- Decreased traffic volume at rush hour times
- Less combustion emissions
- $\text{NO}_x$  photolysed to make Ozone not replaced.  $\text{NO}_x$  levels drop.

## NOX AND OX OVER 2020



## THE EFFECT OF LOCKDOWN

- Long term - At both locations  $\text{NO}_2$  and  $\text{NO}$  levels dropped. More in central London.
- Spikes in concentration due to 'eat out to help out'
- Clear correlation between levels of  $\text{NO}_x$  and  $\text{O}_3$  with human activity
- High levels of  $\text{NO}_x$  and  $\text{O}_3$  linked to respiratory conditions

45%

Decrease of mean  $\text{NO}_2$  at Marylebone

32%

Percentage decrease of mean  $\text{NO}_2$  in Headingley