

# THE TREND OF NO<sub>2</sub> IN THE FIVE MOST POPULATED STATES IN THE US

## WHAT IS NO<sub>2</sub>

NO<sub>2</sub> primarily gets in the air **from the burning of fuel**. NO<sub>2</sub> forms from emissions from cars, trucks and buses, power plants, and off-road equipment.



## WHAT IS AQI

AQI is short for Air Quality Index, which is the index for reporting air quality for the U.S. Environmental Protection Agency. **The higher AQI is, the worse the air quality is.**

**Good: AQI 0-50**

**Moderate: AQI 51-100**

**Unhealthy for sensitive groups: AQI 101-150**

**Unhealthy: AQI 151-200**

**Very Unhealthy: AQI 201-300**

**Hazardous: AQI 301 and higher**

## ABOUT THE DATASETS

**0** missing values of the dataset which is scraped from the database of the U.S. Environmental Protection Agency.



## MOST POPULATED STATES

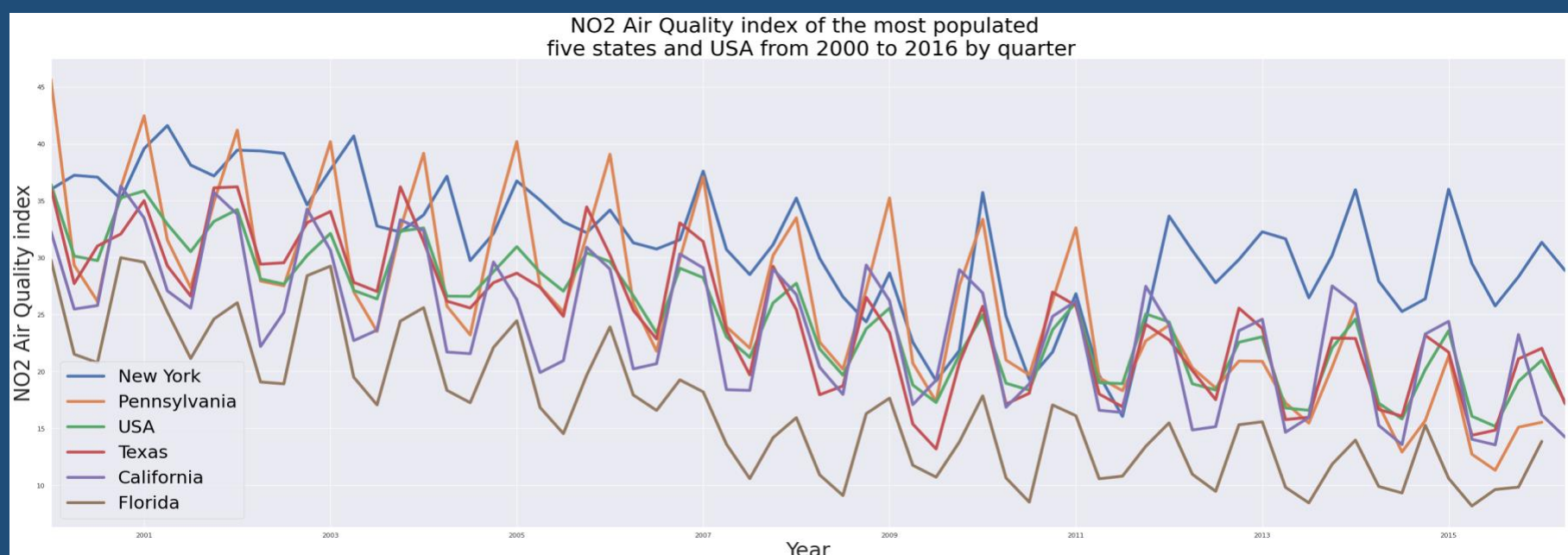
**37%** of the total population in the US live in the five most populated states: California, Texas, New York, Pennsylvania, and Florida.



## THE TREND OF NO<sub>2</sub>

**New York decreased 15%**  
in NO<sub>2</sub> AQI from 2000 to 2016.

**Pennsylvania decreased 55%**  
in NO<sub>2</sub> AQI from 2000 to 2016.



**16.61 is the average NO<sub>2</sub> AQI in Florida**  
from 2000 to 2016

**NO<sub>2</sub> AQI is 30% lower**  
in summer than in winter on average