

Sources of Air Pollution

Mecklenburg County, North Carolina



Here in Mecklenburg County, air pollution emissions are primarily generated from one of three distinct emission sources: Mobile, Stationary, and Area.

Mobile Sources

The group identified as Mobile Sources includes vehicles and pieces of equipment that by design and function emit pollutants while driving or moving throughout Mecklenburg County. Examples of this source type include: On-Road vehicles (cars, motorcycles, all types of trucks and buses); and Non-Road equipment and vehicles (tractors, dozers, locomotives, boats, lawnmowers, and mobile generators).

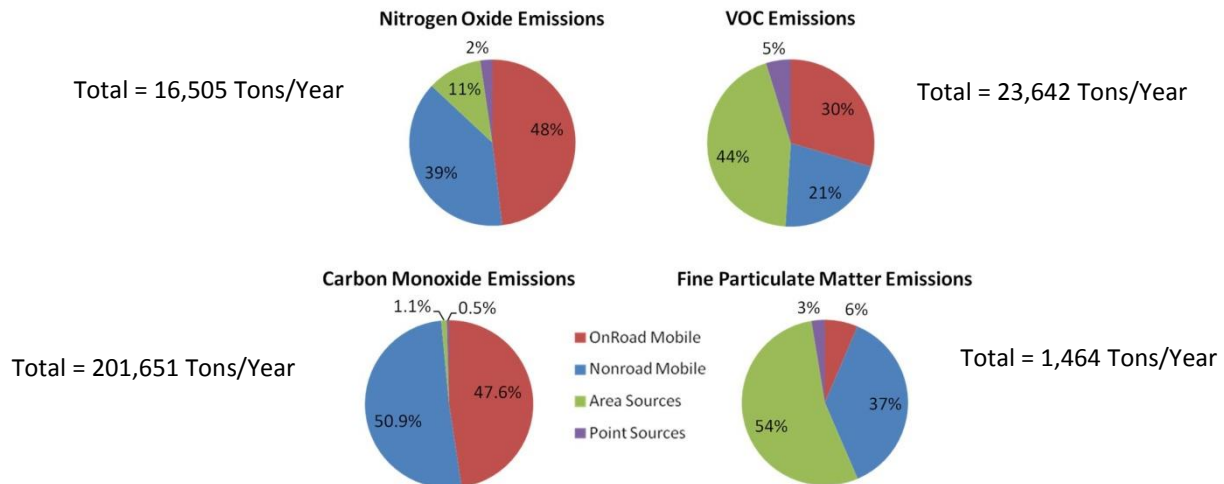
Stationary Sources

Unlike the Mobile Sources group, the collection of air pollution sources known as Stationary Sources do not move from location to location but remain in one location as the label implies. Some examples of Stationary Sources are: chemical facilities, motor-fuel terminals, electric power generating facilities, manufacturing facilities, and label printers.

Area Sources

This category is broad by definition and includes several smaller sized Stationary Sources that emit a similar pollutant(s) and are clustered together in one geographical area. Examples of some Area Sources are: vehicle parking decks, clothing dry cleaners, motor vehicle re-fueling stations, and automotive refinishing/painting operations.

2012 Mecklenburg County Emissions Inventory



In summary, the air we breathe in Mecklenburg County is impacted by all three of these air pollution sources. The pie charts above illustrate that On-Road and Non-Road Mobile Sources are the leading cause of air pollution in Mecklenburg County. This means individual driving decisions that you make every day directly contribute to Mobile Source air pollution. Mobile Source air pollution can be reduced, if everyone makes an effort to improve driving habits by carpooling; combining trips, to be more efficient; and by driving and operating cleaner vehicles and equipment.

More information

- [Mobile Sources](#)
- [Stationary Sources](#)
- [Area Sources](#)
- [Health Effects of Air Pollution](#)

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