

## Problems & Affects

Problems & Affects: Car emissions are a large source of air pollutants, including carbon dioxide (CO2) and greenhouse gases (GHG). These pollutants not only pose a threat to human health, but also cause harm to the environment. In particular, increased levels of CO2 and GHG in the atmosphere lead to global warming, climate change, and other long-term environmental consequences.

## Background Research:

Background Research: Researchers have studied the effects of car emissions for years, and the results are quite conclusive: emissions from cars have a direct and adverse effect on air quality. Emissions from cars, especially gasoline-powered cars, release vastly larger amounts of pollutants per hour than any other source, including industrial sources. The most common pollutants released from cars include nitrogen oxides and particulate matter such as particles of soot, which can penetrate deep into the lungs and cause respiratory and other long-term health problems.

## Car Emissions

### Prevention Steps

Prevention Steps: To reduce the amount of car emissions and the associated health risks, there are several steps that can be taken:

- Choose a fuel efficient vehicle when purchasing a car. Higher efficiency vehicles produce fewer CO2 and GHG emissions than those lower on the efficiency scale.
- Use public transportation if possible, or carpool where feasible. This reduces the number of cars on the road, thus decreasing pollution levels.
- Avoid idling your car when possible. Every minute your car is idle, it is releasing pollutants into the air.
- Make sure your vehicle is properly maintained. This ensures that the car is running efficiently and not releasing more pollutants than necessary.

## Conclusion

Conclusion: Car emissions have been linked to a variety of negative health and environmental outcomes, including air pollution, global warming, and climate change. To reduce the health risks associated with car emissions, it is important to take steps such as choosing a fuel efficient vehicle, utilizing public transportation, avoiding idleing your car, and making sure your vehicle is properly maintained.