

## Questions and Discussions

A. What is the main cause of air pollution?

It is an airborne particle called PM2.5 as well as ozone, are the main

B. Why does LA have unhealthy air quality?

A lot has to do with the amount of traffic in LA. Cars emit nitrogen oxides and organic substances that when in sunlight create ozone pollution. Also the shipping industry is a major polluter. Wildfires and the fact that LA is in a basin surrounded by mountains also doesn't help.

C. What health problems are caused by air pollution?

Respiratory infection, inflammation, premature death, asthma, cancer,

D. Has air quality improved in Los Angeles over the past 5 years?

Yes, air quality has improved over the last few years. However, not nearly enough yet.

E. What is the impact of COVID-19 to air quality?

COVID-19, specifically the lock-downs, led to a huge drop in emissions since fewer people were driving and a lot of businesses were shut down.

F. What is your neighborhood air quality?

According to [Accuweather](#) the current air quality is 22 AQI which they describe as "fair".

G. How could we reduce air pollution in Los Angeles?

Implementing policy, improving technologies, and consumer choices are what is most promising. Specifically shifting to electric vehicles and renewable sources of energy.

H. What are the major air pollutants?

According to The U.S. Environmental Protection Agency other pollutants are carbon monoxide, sulfur dioxide, nitrogen dioxide (PM2.5), lead, and ground level ozone.