



Air Quality

Main Pollutant Quick Guide



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Main pollutants



A naturally occurring gas but is now associated with combustion from vehicles. Transport accounts for 99 percent of all emissions.

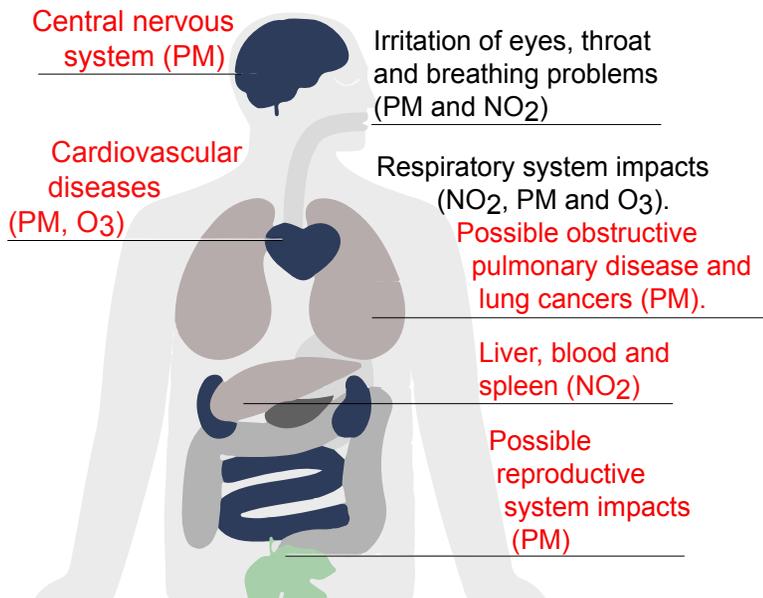
Any particle that is less than 10 micrometers (over 5 times smaller than the width of a human hair). Examples include brake dust, pollen and black carbon.

Impacts

Heightened concentrations can cause inflammation of airways and could increase the likelihood of respiratory problems in susceptible people. Also contributes to smog and acid rain formation.

Impacts

Has been linked to causation and/or aggravation of respiratory (i.e. asthma) and cardiovascular issues. Also, some components (from combustion) are carcinogenic. Particulate matter can also reduce air visibility.



PM - Particulate matter NO₂ - Nitrogen dioxide O₃ - Ozone
Long term impacts in **RED**

Adapted from : European Environment Agency, 2013

Why is Air Quality Important?

Prolonged exposure to poor air quality negatively affects health and can generate visual pollution (smog etc.).

Long Term exposure

Can contribute to the development of chronic diseases and increase the risk of respiratory illness.

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