**Air Pollution Sources**

**Major Man-Made Air Pollutants**

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| **Pollutant** | **Description** | **Sources** | **Signs/Effects** |
| Carbon monoxide (CO) | * colorless, odorless gas | * vehicles burning gasoline * indoor sources, including kerosene, wood-burning, natural gas, coal, or wood-burning stoves and heaters | * headaches, reduced mental alertness, death * heart damage |
| Lead (Pb) | * metallic element | * vehicles burning leaded gasoline * metal refineries * lead paint | * brain and kidney damage * contaminated crops and livestock |
| Nitrogen oxides (NOx) | * gaseous compounds made up of nitrogen and oxygen | * vehicles * power plants burning fossil fuels * coal-burning stoves | * lung damage * react in atmosphere to form acid rain * deteriorate buildings and statues * damage forests * form ozone & other pollutants (smog) |
| Ozone (O3) | * gaseous pollutant | * vehicle exhaust and certain other fumes * formed from other air pollutants in the presence of sunlight | * lung damage * eye irritation * respiratory tract problems * damages vegetation * smog |
| Particulate matter | * very small particles of soot, dust, or other matter, including tiny droplets of liquid | * diesel engines * power plants * industries * windblown dust * wood stoves | * lung damage * eye irritation * damages crops * reduces visibility * discolors buildings and statues |
| Sulphur dioxide (SO2) | * gaseous compound made up of sulphur and oxygen | * coal-burning power plants and industries * coal-burning stoves * refineries | * eye irritation * lung damage * kills aquatic life * reacts in atmosphere to form acid rain * damages forests * deteriorates buildings and statues |