**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
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| Lead (Pb) | * metallic element
 | * vehicles burning leaded gasoline
* metal refineries
* lead paint
 | * brain and kidney damage
* contaminated crops and livestock
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| 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)
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| 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
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| 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
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| 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
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