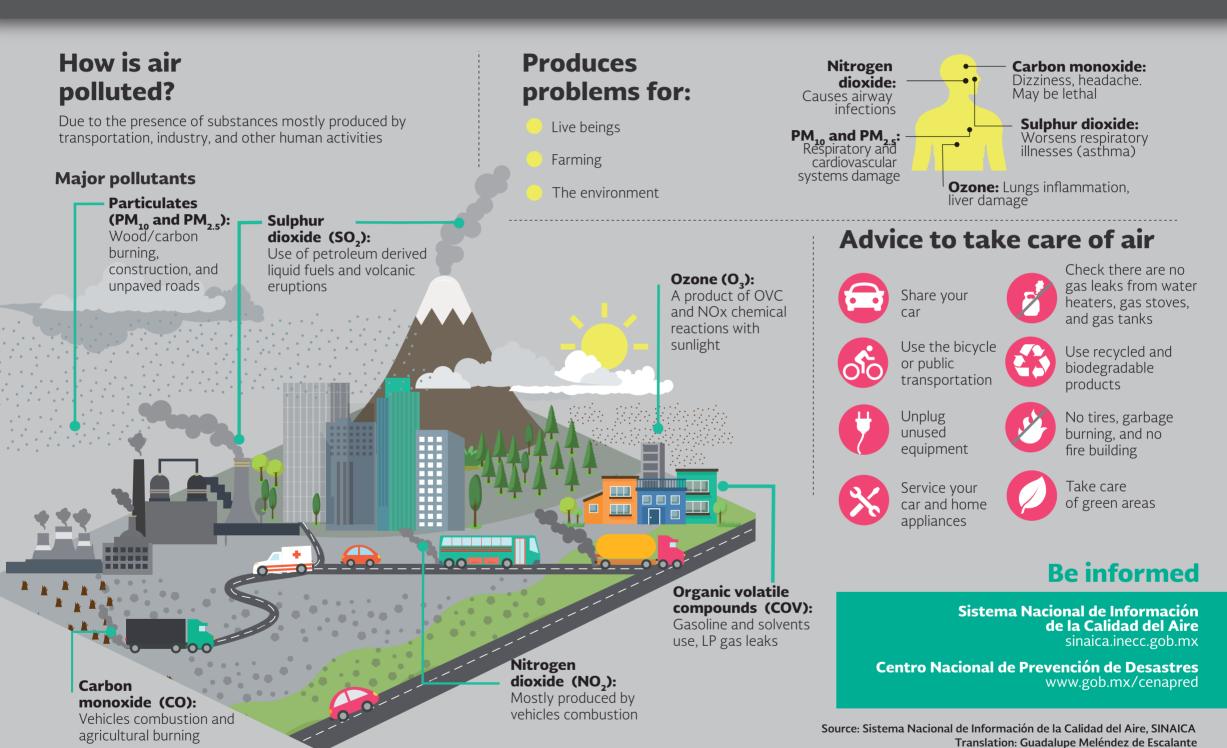
ATMOSPHERIC If you take care of air, you care for life







MEDIO AMBIENTE









Atmospheric pollutants and their danger

Bad

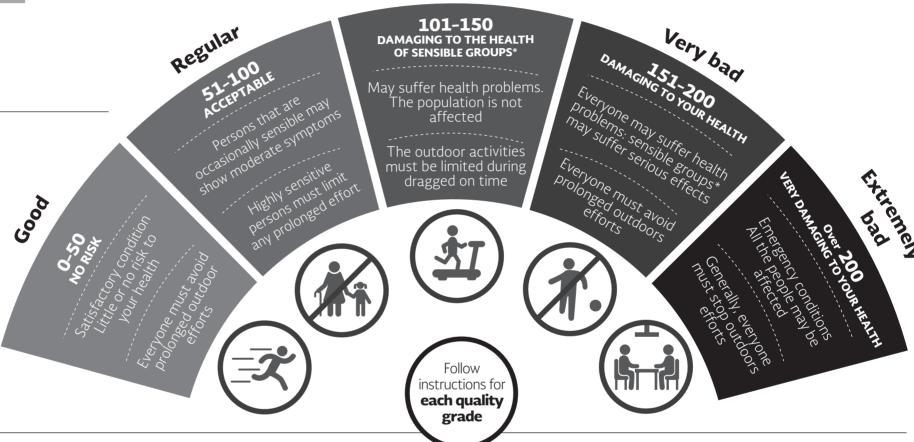
Take care of your and your family's health

Pollutants may cause illnesses and worsen diseases. If you have one, immediately visit your health center

Air quality index

It is used by environmental authorities to inform on the levels of pollution. Five grades of air quality have been defined

*Sensible groups: children, senior citizens, anyone with intense physical activity, anyone suffering respiratory or cardiovascular diseases



Major high pollution season



All year long, except for the rainy season (June to September)



Ozone: from the second half of February through June



Ozone and aerosols: **the dry and hot season**



Suspended particulate: **Winter**





UV light





Ozone is derived from other pollutants (mostly OVC and NOx) when they react with UV light

What are PM₁₀ and PM_{2.5}?



These are names given air suspended particulates with a diameter of under

10 or 2.5

mostly caused by combustion or other processes that produce vapors



Depending on their size,

particulate may lodge in the trachea, bronchus or reach pulmonary alveoli

**Micron (µ) is one thousandth of a millimeter. A human hair has a diameter of 80 microns