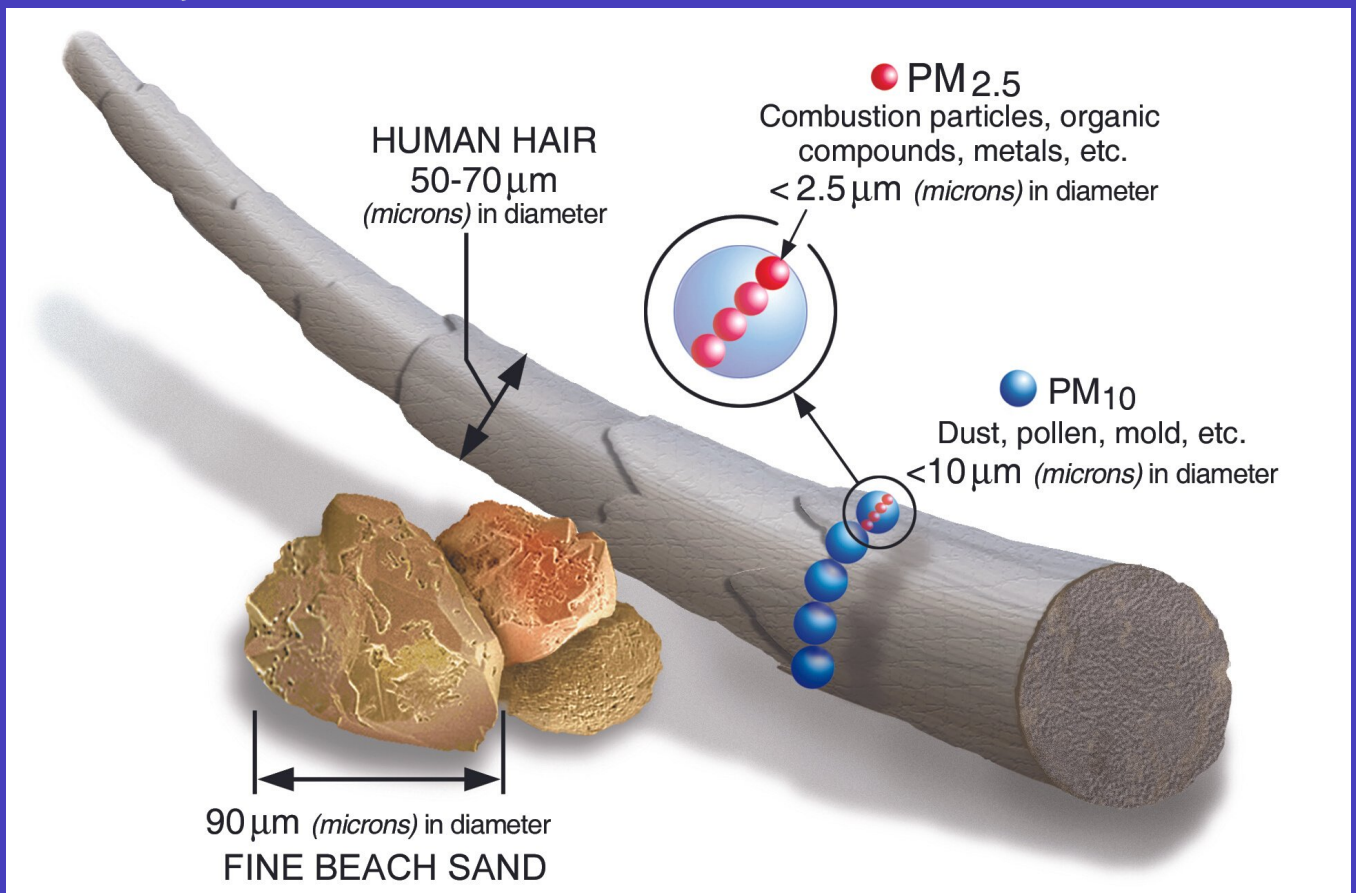


WHY PARTICULATE MATTERS



UNDERSTANDING THE SIZE OF PARTICULATE MATTER



Particulate Matter (PM) is a mixture of solid particles and liquid droplets found in the air. Some particles, such as dust, dirt, soot, or smoke, are large or dark enough to be seen with the naked eye. Others are so small, they can only be detected using an electron microscope and can easily enter a person's lungs and bloodstream causing damage to their health.

• Environmental Protection Agency

PM₁₀

PARTICLES WITH DIAMETER <10 MICRO METER

PM_{2.5}

PARTICLES WITH DIAMETER <2.5 MICRO METER

PM₁

PARTICLES WITH DIAMETER <1 MICRO METER

Ultra Fine Particles

PARTICLES WITH DIAMETER <100 NANO METER

SOURCES OF PARTICULATE MATTER

