



- Vapors
- Gas
- Dust
- Fumes (VGDF)



Radiation, Heat, and Oxygen

Sulfur Dioxide

Lea d

Nitrogen Dioxide Carbon Monoxide



Factories



Fires (natural or human-made)



Farms and Livestock (tractors, cows, etc.)



Transportation (incl. cars, trains, planes, ships)

Air pollution is a *local* problem



San Francisco

Los Angeles

San Diègo

Source: AirNow - Current Air Quality Index

Air quality measurement:





Daily Combined AQI

Sunday, July 20, 2014

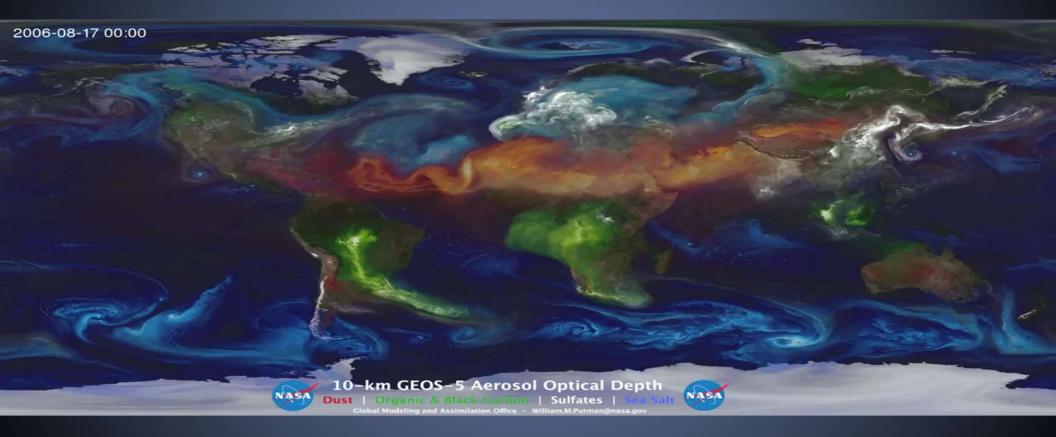








Air pollution is a global problem



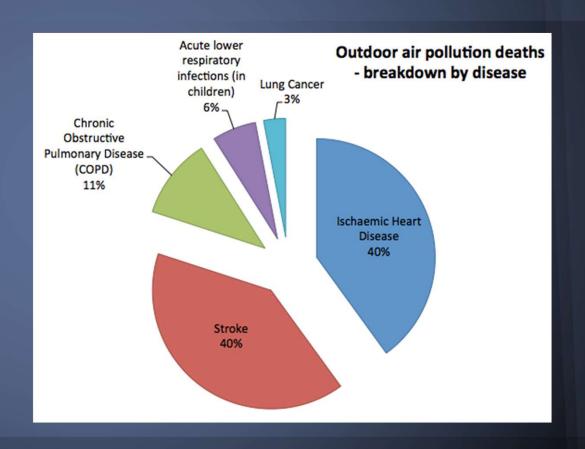
NASA Earth Observatory Website: earthobservatory.nasa.gov



Lung Damage in the Long Run

- Coughing
- Asthma
- Chronic Lung Disease
- Death

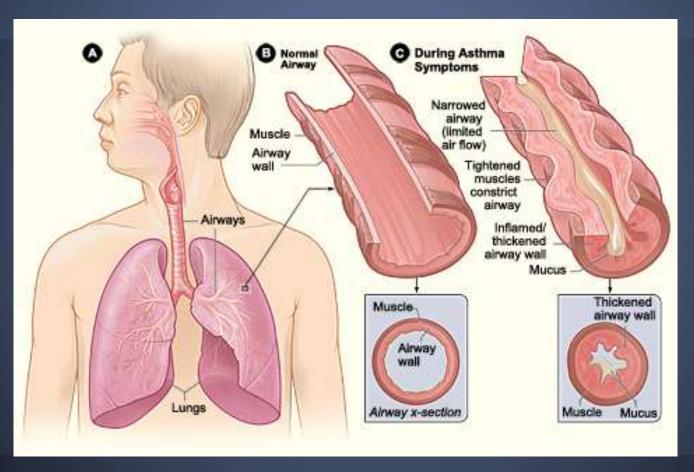
... and other conditions

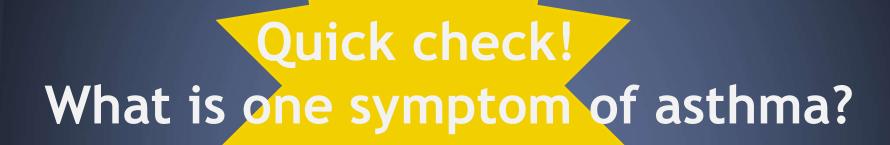


What is air pollution doing to your body?

It contributes to obstructed lung diseases, such as asthma and emphysema.

Asthma in Your Body



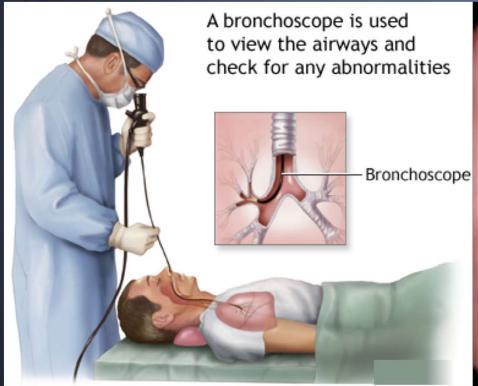


Inflamed Airway

Mucus in the airway

Difficulty breathing

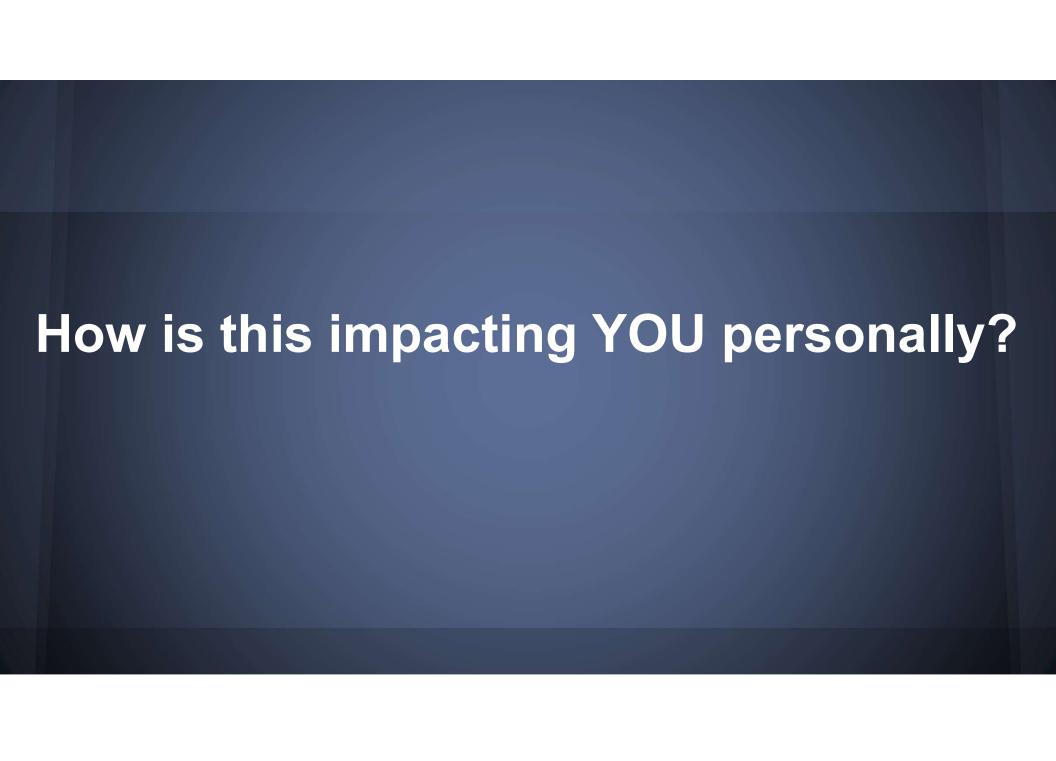
How can we observe this?





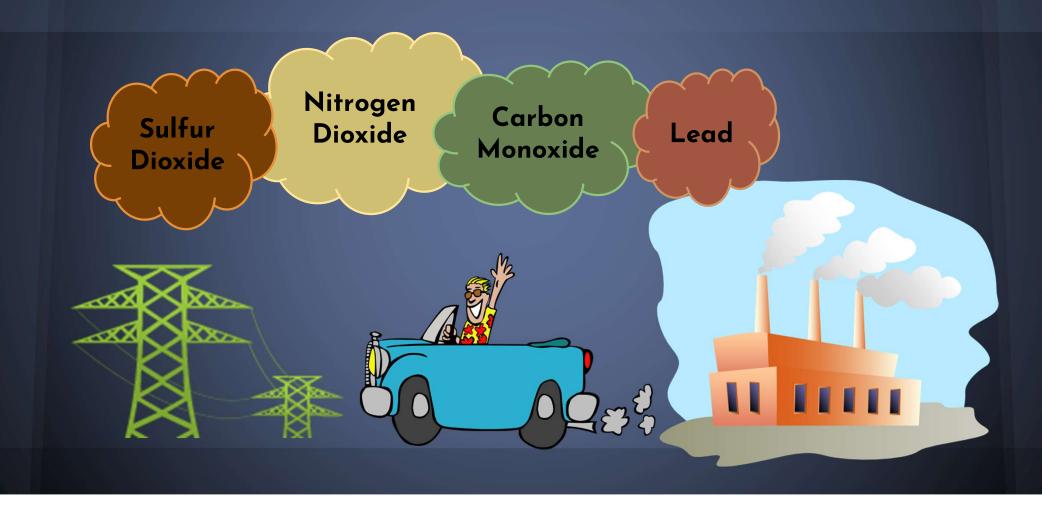
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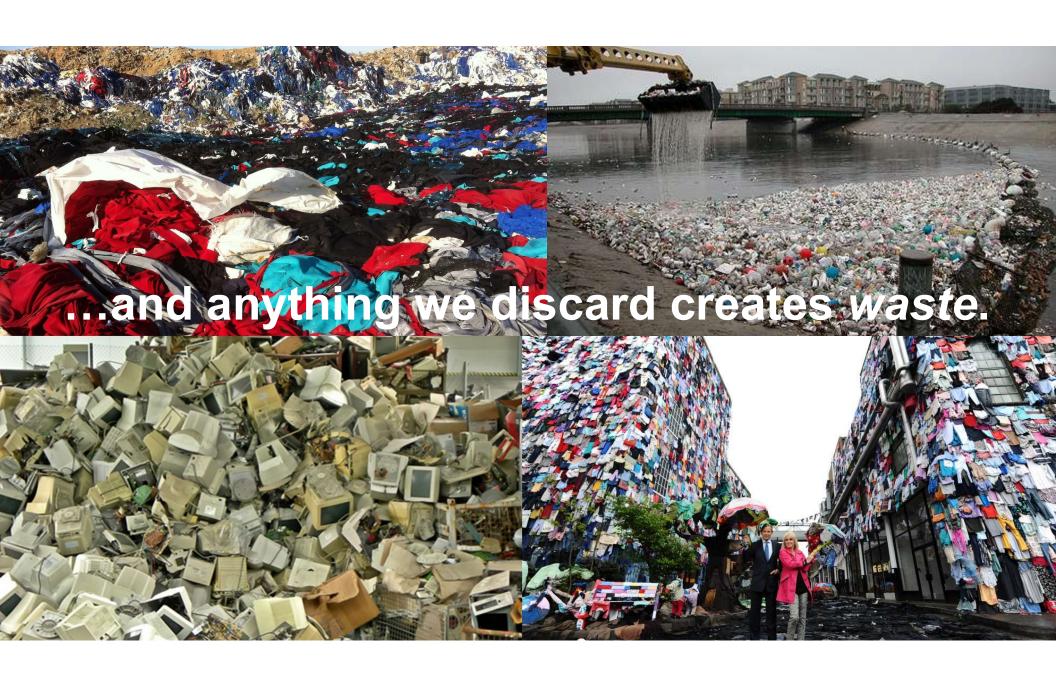


STOP

So what's causing this pollution?







WHAT YOU CAN DO

Conserving electricity



Reduce/Reuse/Recycle







CAN YOU THINK OF ANY MORE?

