

IMPACTS OF WOOD BURNING



Burning wood, manufactured logs, wood pellets or any solid fuel

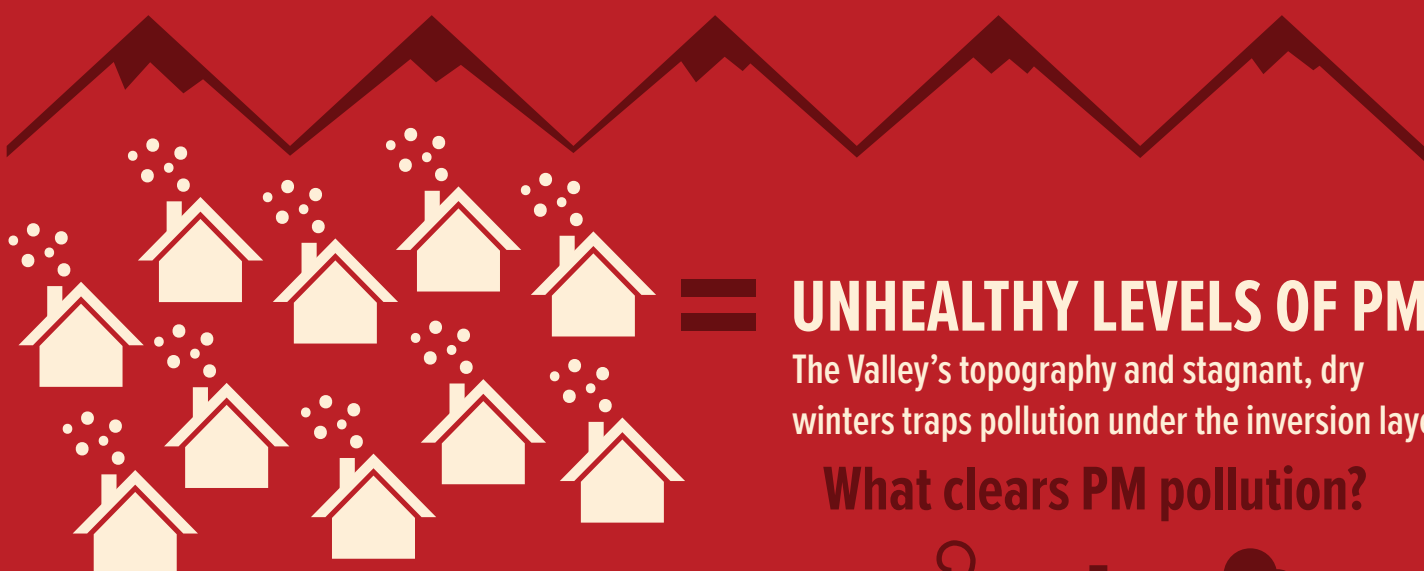
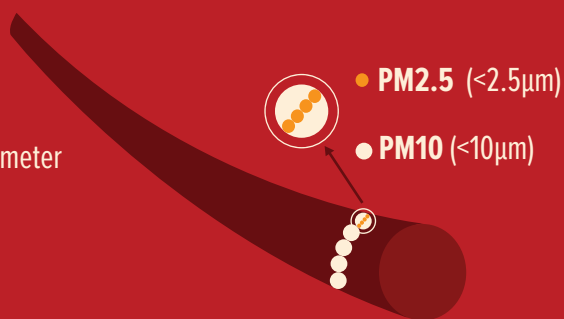
≡ PARTICULATE MATTER (PM)

A complex mixture of extremely small particles made up of a number of components, including smoke, metals, dust, organic chemicals and soot

How small?

HUMAN HAIR

50-70 μm (microns) in diameter



WOOD BURNING IN THE VALLEY

is one of the largest sources of PM in the winter

≡ UNHEALTHY LEVELS OF PM

The Valley's topography and stagnant, dry winters traps pollution under the inversion layer

What clears PM pollution?



WIND



RAIN

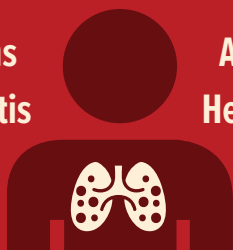
PM HARMS OUR HEALTH

Lung Infections

Acute Bronchitis

Dementia

COVID-19



Asthma Attacks

Heart Attacks

COPD

Stroke



Found Outdoors & Indoors

HOW CAN YOU PROTECT YOURSELF & OTHERS?

RESIDENTIAL
WOOD SMOKE
REDUCTION
PROGRAM



or



or



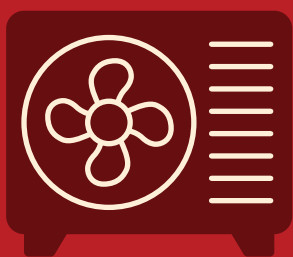
valleyair.org/burnstatus



Fireplace & Woodstove
CHANGE-OUT

Switch to a CLEANER DEVICE

Take advantage of the Valley Air District's incentive program and change-out your fireplace with an electric heat pump or gas device:



Electric Heat Pump

or



Gas Stove/Insert

valleyair.org/change-out