



Welcome to the AIR QUALITY and HEALTHY HOMES Track

ATCEM 2019

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. The shapes are primarily triangles and polygons, creating a dynamic, layered effect. The central area is white, providing a clean space for the text.

An Introduction to Air Quality and Healthy Homes

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ATCEM 2019

Why is air quality important?

A brief overview

- ▶ What we breathe affects our health
- ▶ Our homes are often 2-5 times more polluted inside than outside. Many pollutants we voluntarily bring inside our homes.
- ▶ Cold climate means people spend more time indoors
- ▶ We make our homes airtight to conserve heat.

- ▶ Vulnerable populations-- Elders, children and people with respiratory issues are affected the most.
- ▶ Research has shown that poor indoor air quality makes children sick and miss more school.

What affects our air quality?

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Outside



Woodsmoke



Road dust



Solid waste burning



Utility building emissions



Oil and gas production



Wildfire smoke

Inside: studies show that indoor air quality is 2 to 5 times worse inside than outside.



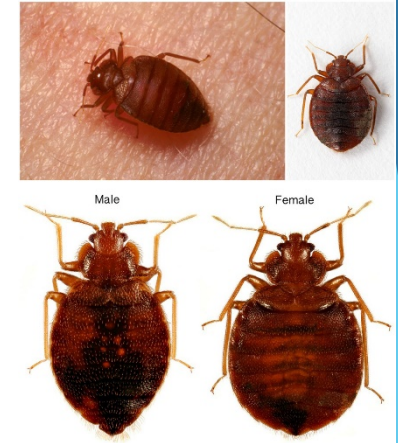
Mold and moisture



Pets



Cigarette and marijuana smoke



Pests



Off-gassing



Chemicals, air fresheners and candles



Woodsmoke

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There are many threats to outdoor and indoor air quality. How do these threats affect our health?

Respiration + Air Quality

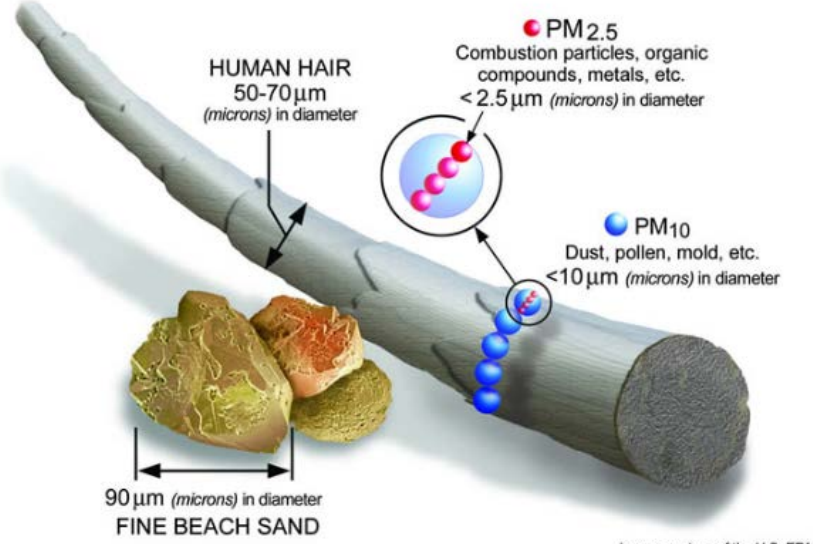
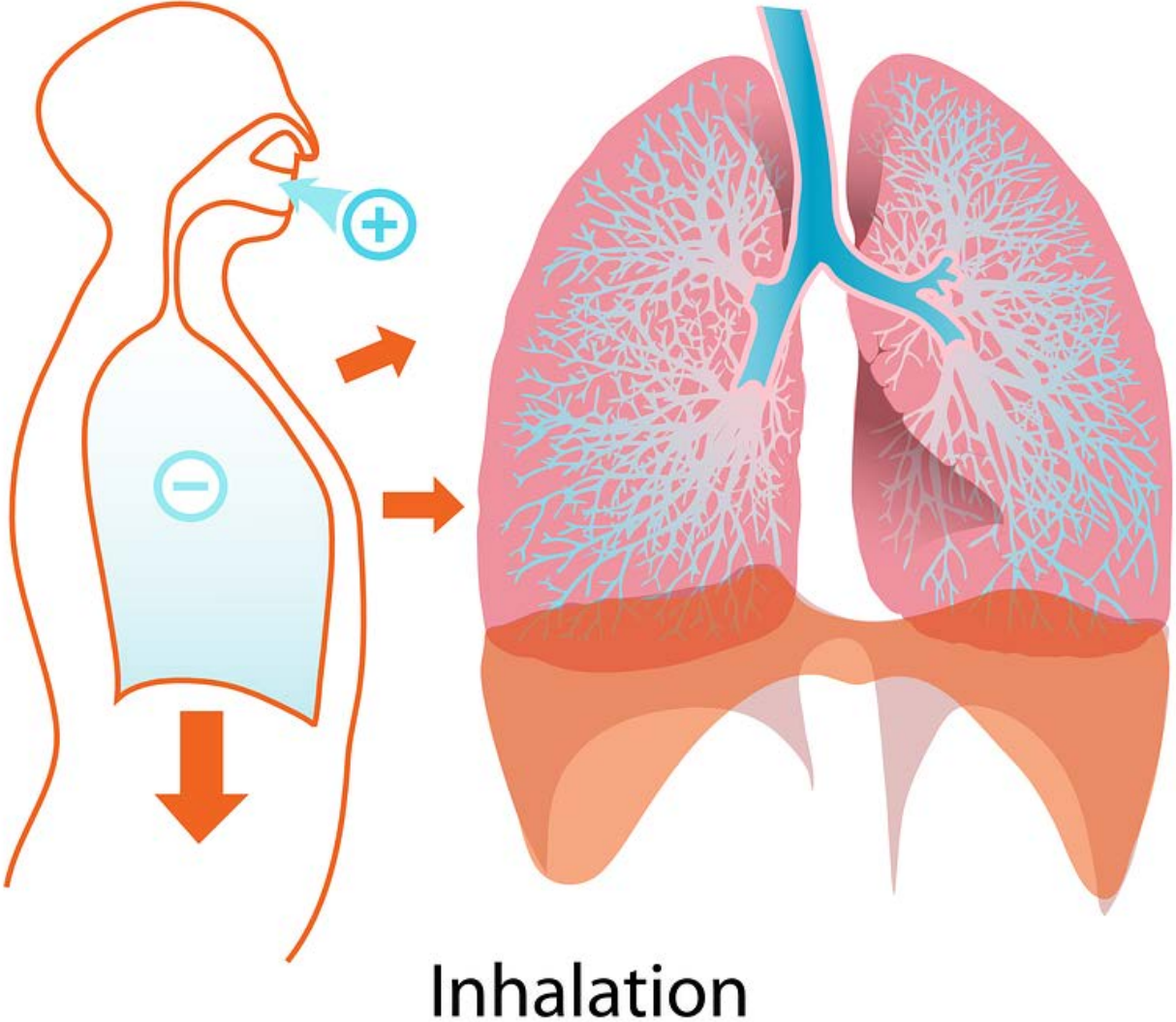


Image courtesy of the U.S. EPA

Healthy Homes

What is a *healthy home*?

- ▶ Dry
- ▶ Clean
- ▶ Ventilated
- ▶ Pest-free
- ▶ Safe
- ▶ Contaminant-free
- ▶ Maintained



ANTHC's Air Quality and Healthy Homes Program

Air Quality and Healthy Homes Program

Provides:

- ▶ Mini-grant funding for air quality-related community projects
- ▶ Technical Assistance
- ▶ Air monitoring (indoor and outdoor) equipment for loan
- ▶ Home Assessments and training
- ▶ Alaska Tribal Conference on Environmental Management (ATCEM)
- ▶ QAPP Assistance

For more information contact:
healthyhomes@anthc.org

ANTHC's Air Quality Program Mini Grants

Projects will be funded on a first come, first served basis. Projects will continue to be funded until funding is gone. Most projects awarded are between \$5,000-\$10,000.

Application Process:

- ▶ Email the air quality program a description of your desired project
- ▶ Include Tribal organization name, your name and phone number
- ▶ Include your Tribal DUNS and Tax ID number
- ▶ Complete a Phase 1 Air Assessment

Project Funding Requirements:

- ▶ Air quality must be in your work plan
- ▶ Work with ANTHC staff on project details
- ▶ Quarterly and final project budget reports must be turned in to ANTHC
 - ▶ All financial documentation will need to be submitted to ANTHC for reimbursement
- ▶ A QAPP may need to be created depending on your scope of work

