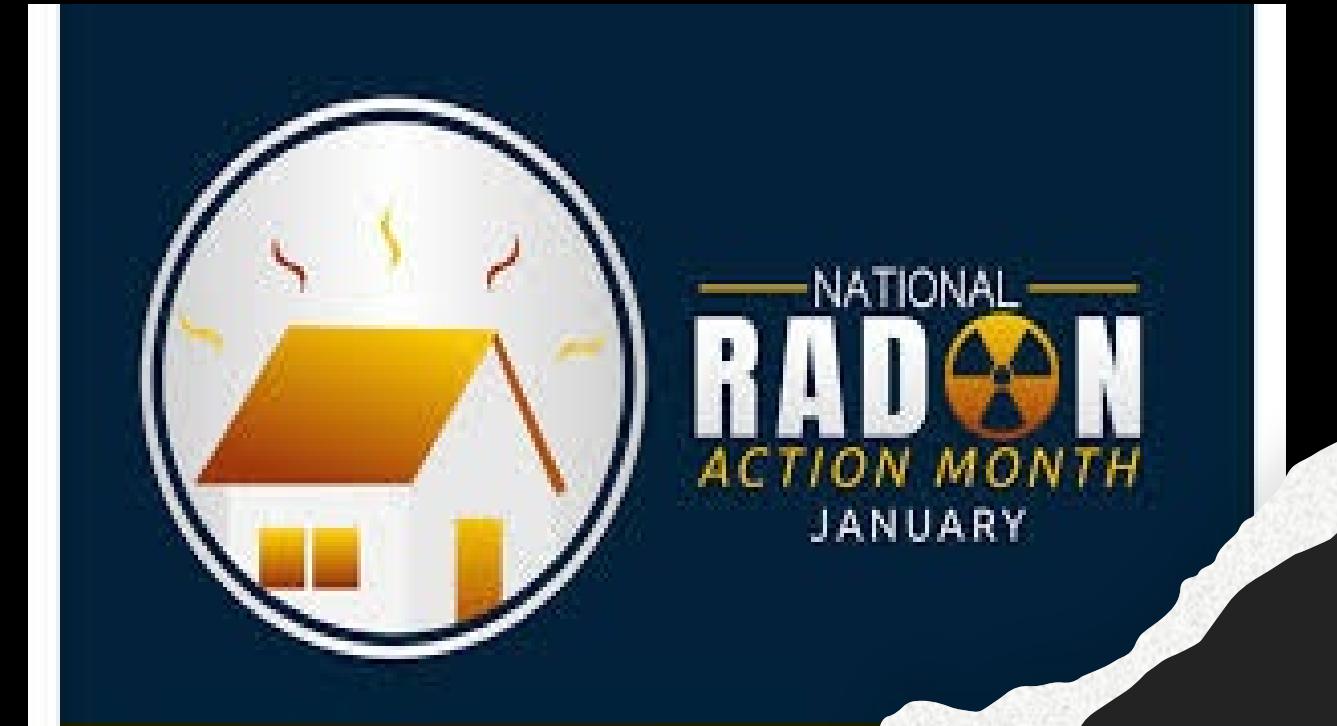


Radon: Risk, Action, and Mitigation

Dylan Garrison, Environmental Health Manager (Consumer Protection)

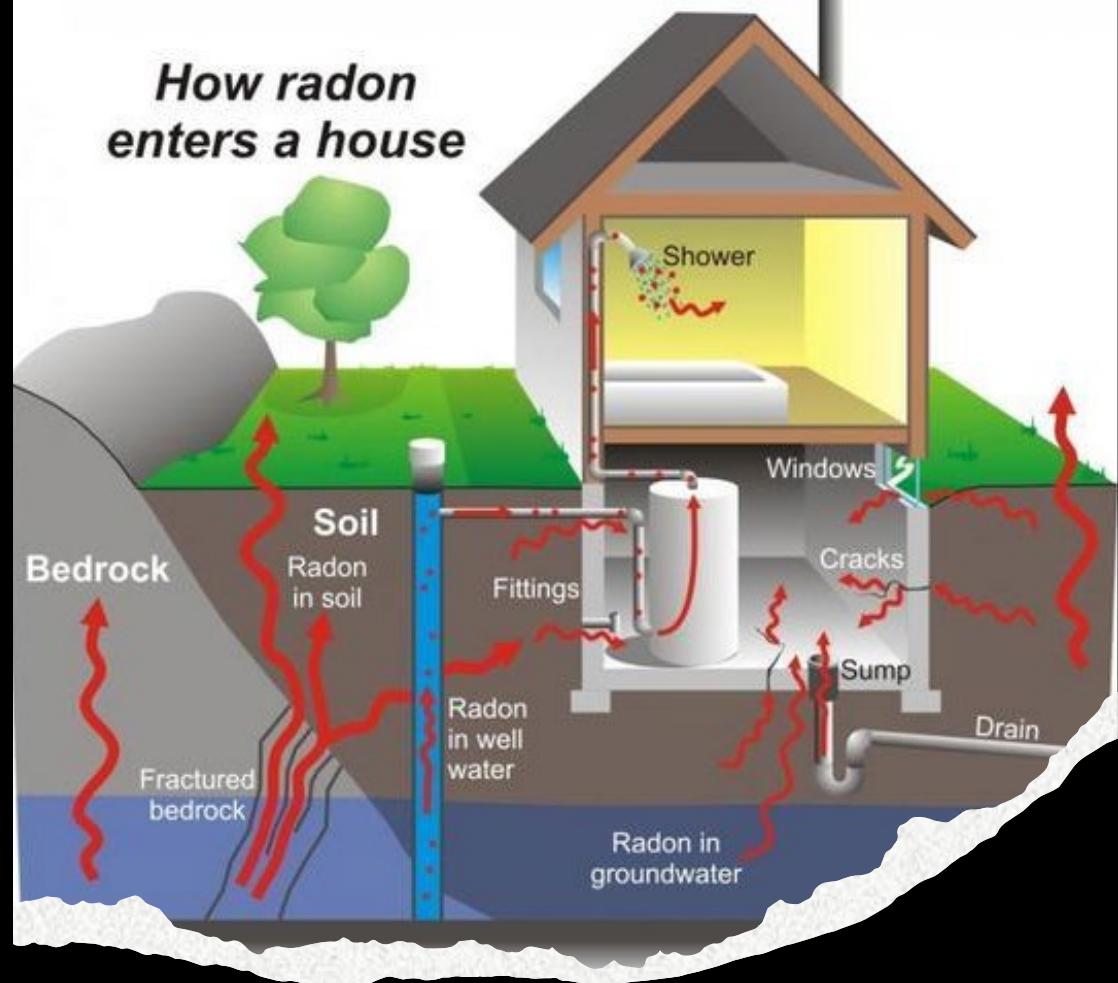
Arapahoe County Board of Health

January 21, 2026



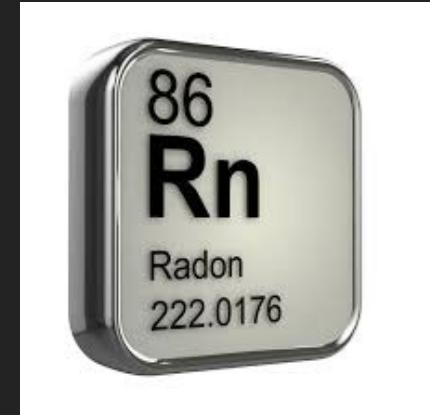
What is Radon?

- Radon is an odorless, invisible and radioactive gas that is released from the natural decay of uranium in rocks, soil and water.
- Radon can enter homes, buildings and schools through small cracks and holes and gradually accumulate in the air to dangerous levels.
- Radon is measured in picocuries per liter (pCi/L) and the EPA has established 4.0 pCi/L as the “action level”

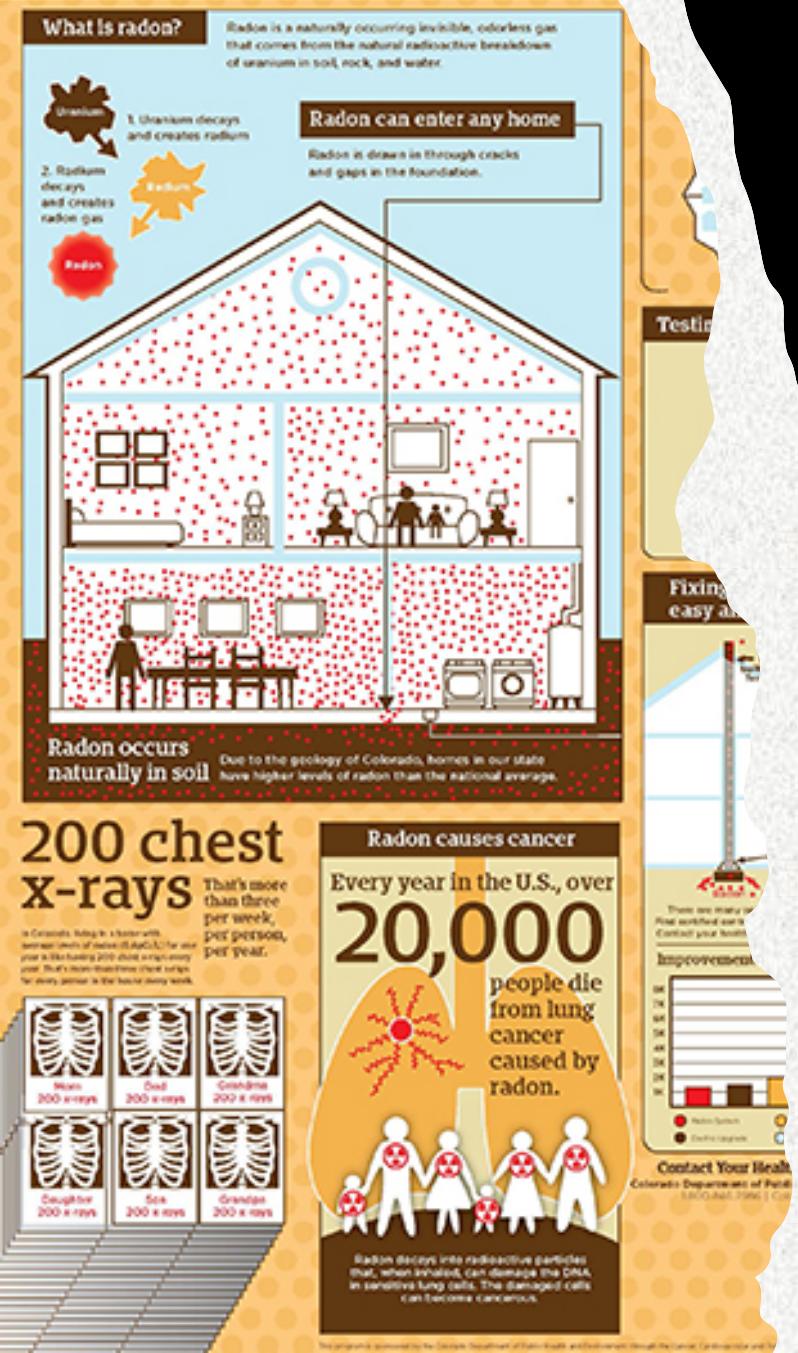


Why is Radon a Public Health Concern?

- Breathing in radon releases radioactive particles that damage lung tissue, increasing the risk of lung cancer
- The EPA estimates that radon causes about 21,000 lung cancer deaths in the United States every year
- In the United States, radon is the leading cause of lung cancer among non-smokers
- 1 in 15 homes in the United States have high radon levels
- Anyone can develop cancer from radon exposure

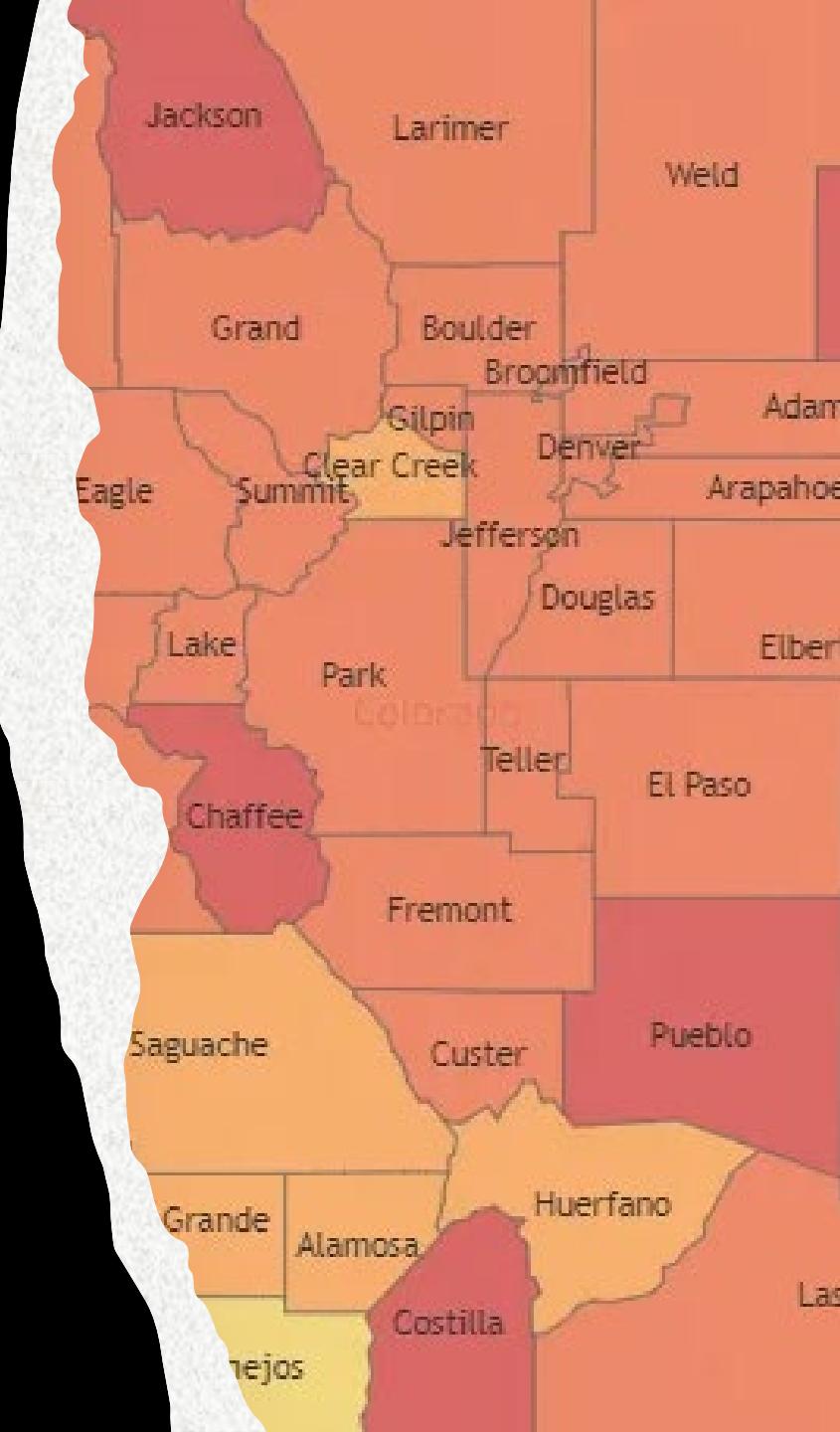


IS YOUR HOME SAFE FR



Radon In Colorado / Arapahoe County

- One out of every two homes in Colorado has elevated radon levels
- Almost half of all homes in Arapahoe County have elevated radon levels (48.84%)



ACPH Actions with Radon Grant Funding

1. Raise Awareness & Encourage Mitigation
 - Enhance ACPH Web Page
 - Distribute Newsletter Articles
 - “Boost” Social Media posts during January: National Radon Action Month (NRAM)
2. Provide Free Radon Test Kits to the Public
3. Outreach and Presentations to In-Home Child Care Providers
4. Metro Area Billboard Collaboration



Be Radon Aware: It's A Leading Cause of Cancer—Especially In Colorado

on, [the leading cause of lung cancer among non-smokers in the United States](#), is found at elevated levels in 50% of Colorado homes, according to the Colorado Department of Public Health & Environment (CDPHE). The naturally-occurring, invisible, odorless, and tasteless radioactive gas that can [enter homes from the ground](#) and build up to

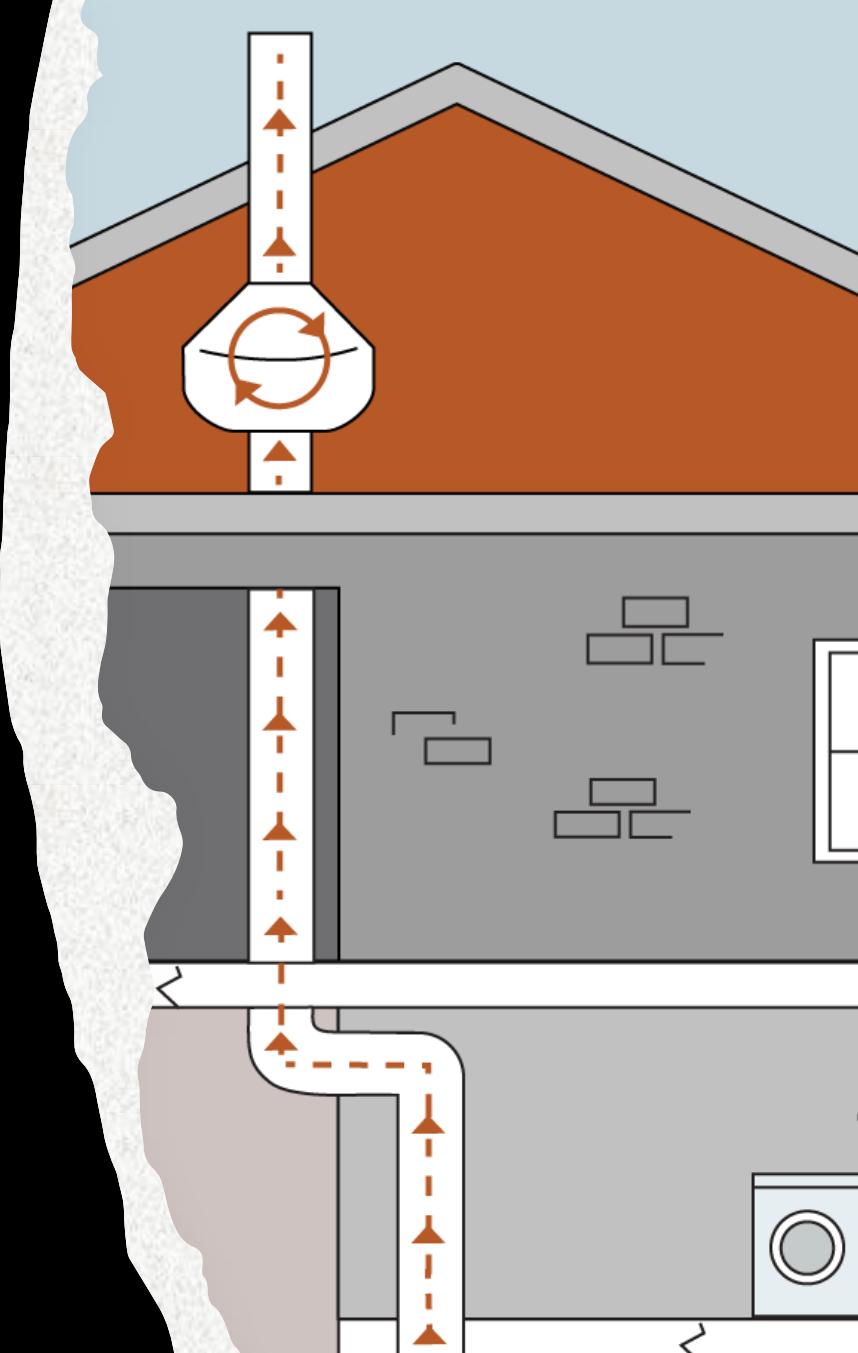
ACPH Radon Billboard

- Location: NW Corner of Parker and E. Iliff
 - Posted the month of January 2026
 - Billboard on both the north and south facing sides



Radon Mitigation

- Achieved by installing a system that removes radon gas buildup from indoor spaces
- Typically accomplished by using a fan to vent the radon gas from a suction point through tubing to the outdoors
- Costs range from 1 – 3 thousand dollars per system



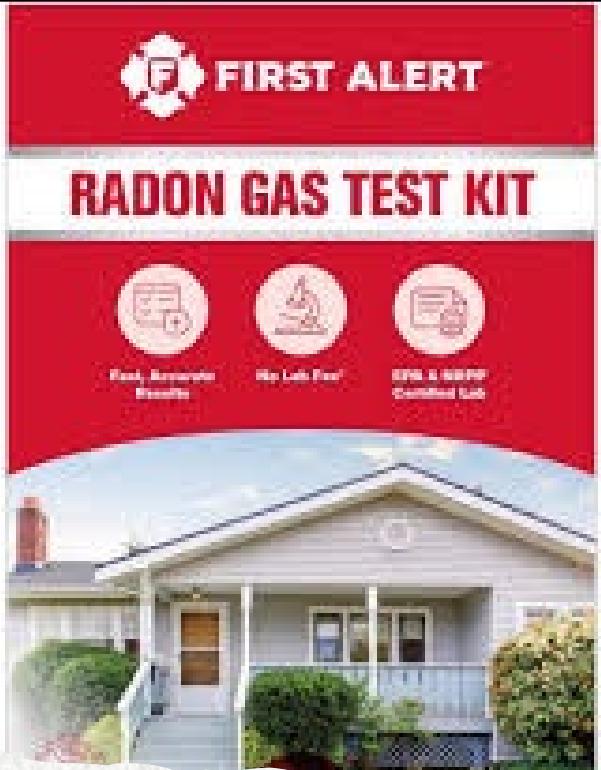
Call To Action: Educate, Test, Mitigate

- Educate yourself on Radon and encourage others to do the same
- Encourage testing
 - ✓ Only way to know if radon is present
 - ✓ Test kits are inexpensive and often free
- Promote and encourage mitigation
 - ✓ Low Income Radon Mitigation Assistance (LIRMA) Program



The screenshot shows the Arapahoe County Public Health website. The top navigation bar includes links for "Your County" and "How Do I?". The main content area is titled "Radon" and includes a sub-section titled "What is Radon?". The "What is Radon?" section contains text about radon being a naturally occurring radioactive gas that enters homes from the ground and can cause lung cancer. It also mentions that radon is the leading cause of lung cancer among non-smokers. Below this text are links for "Request A Free Test Kit!" and "Radon In Arapahoe County". On the left side of the page, there is a vertical sidebar with links to other county services: Body Art, Child Care Centers, Food, Healthy Homes, Helpful Contacts, How to Open a Business, Inspection Look Up, Landfills, Land Use, Methamphetamine Resources, Outdoor Air Quality, Pay Fees, and Report a Public Health Concern.





Thank You!
Comments or Questions?