



National Radon Action Month in Louisville, Colorado

WHEREAS, radon is an invisible, odorless, radioactive gas that threatens the health of our residents and their families as a group 1 carcinogen known to cause lung cancer in humans with prolonged exposure; and

WHEREAS, the Colorado Rocky Mountain Region has been ranked Zone 1, an area with the highest radon potential possible by the U.S. Environmental Protection Agency; and

WHEREAS, Colorado residential radon data has shown 50% of Colorado homes tested as being at or above the U.S. Environmental Protection Agency Radon Action Level of 4.0 pCi/L (picocuries per liter of air); and

WHEREAS, any home in Louisville, Colorado may have elevated levels of radon (even if homes in the same neighborhood do not); and

WHEREAS, supporting recommended radon practices and policies to reduce radon exposure is important to protect our community's health and welfare; and

WHEREAS, testing for radon is simple and inexpensive and any identified radon problems can be fixed; and

WHEREAS, Boulder County Public Health, the Colorado Department of Public Health and Environment, the U.S. Environmental Protection Agency, and the American Lung Association are supporting efforts to encourage Americans to test their homes for radon, have elevated levels of radon reduced, and have new homes built with radon-resistant features.

NOW, THEREFORE, BE IT RESOLVED that the City of Louisville City Council hereby proclaims January 1-31, 2025, as Official National Radon Action Month in Louisville, Colorado.

DATED this 21st day of January 2025.

Christopher M. Leh, Mayor

ATTEST:

Genny Kline, Interim City Clerk

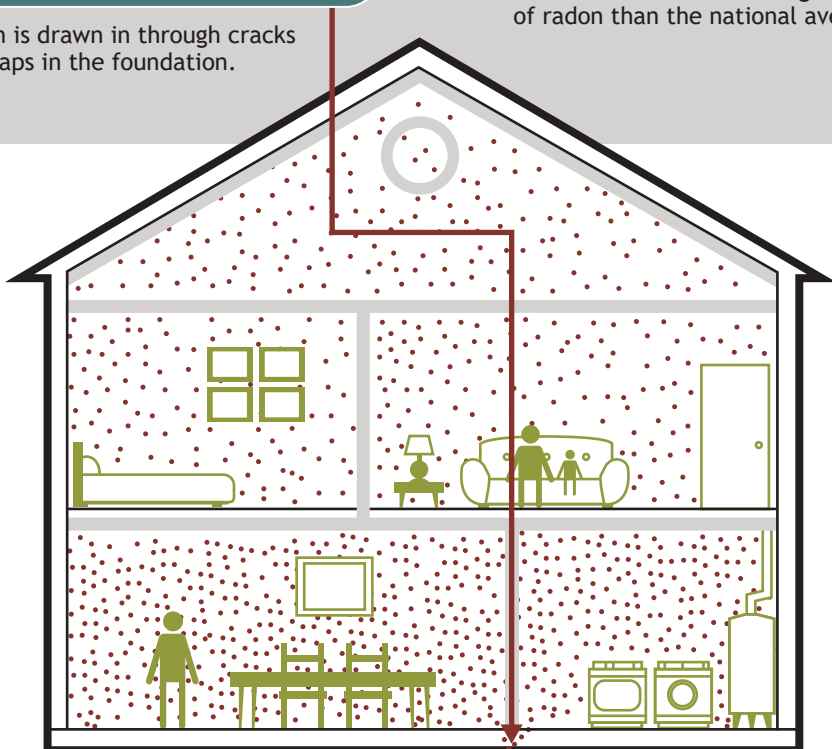
Is your home safe from radon?

What is radon?

Radon is a naturally-occurring invisible, odorless gas that comes from the radioactive breakdown of uranium in soil, rock, and water.

Radon can enter any home

Radon is drawn in through cracks and gaps in the foundation.



Radon in Colorado

About 50% of homes in Colorado have high radon levels.

Due to the geology of Colorado, homes in our state have higher levels of radon than the national average.

Radon occurs naturally in the soil



1. Uranium decays and creates radium

2. Radium decays and creates radon gas

200 chest x-rays

In Colorado, living in a home with average levels of radon (6.4pCi/L) is like having 200 chest x-rays every year.

That's more than three per week, per person, per year.

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COLORADO
Department of Public
Health & Environment

Radon causes cancer

Every year, over
20,000 people
die in the U.S. from lung
cancer caused by radon.

Radon decays into
radioactive particles
that, when inhaled,
can damage the DNA
in sensitive lung cells.
The damaged cells can
become cancerous.

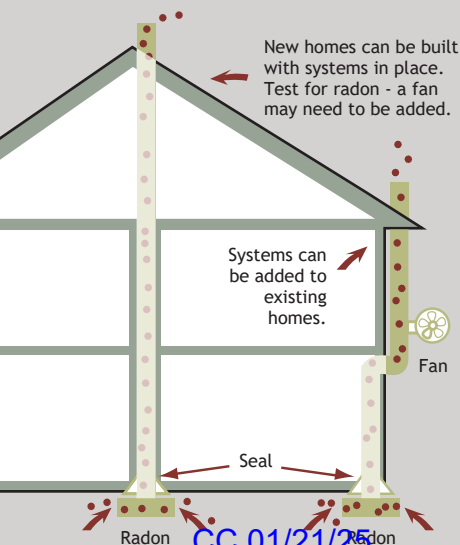


Testing for radon is easy

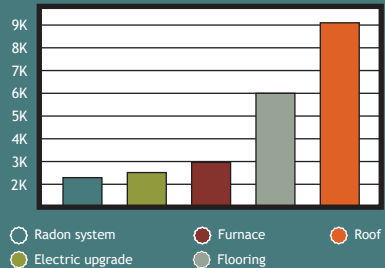
Do-it-yourself radon test kits are easy to set up and are available for less than \$35. Test kits can be purchased on-line at <https://sosradon.org/>, at local hardware stores or from certified radon measurement contractors.

Fixing the problem is inexpensive

Contact your local health department for more information. Find a certified and licensed contractor at ColoradoRadon.info.



Improvement cost comparisons



For more information

Colorado Department of Public Health & Environment
1.800.846.3986 | ColoradoRadon.info

Colorado Low-income Radon Mitigation Assistance Program (LIRMA)



COLORADO
Department of Public
Health & Environment

If your home has high radon levels and you meet certain income requirements, you may qualify for a free radon mitigation system through the Colorado Department of Public Health and Environment (CDPHE).

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COLORADO
Department of Public
Health & Environment

You may be eligible if:

- 1) You own the home you live in.
- 2) You are a Colorado resident.
- 3) You qualify as a low-income household.
- 4) You properly test your home for radon and the levels are higher than 4 pCi/L (picocuries per liter of indoor air).
- 5) To see if you qualify, and/or to apply, visit:
www.coloradoradon.info.

How to apply:

- 1) Visit www.coloradoradon.info and click on the “low income mitigation assistance” link.
- 2) Read the policy and procedures manual.
- 3) Complete the homeowner application.
- 4) Send in the required documents as indicated in your confirmation email from CDPHE:
 - radon test results
 - proof of home ownership
 - a copy of your mortgage statement
 - a copy of your Colorado identification

We hope to give up to 100 families free radon mitigation systems each year.

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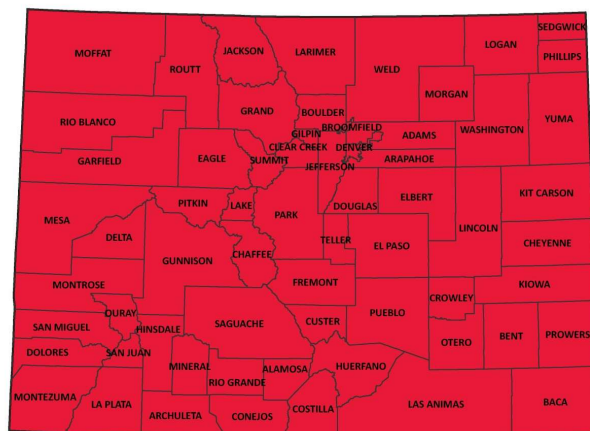
For more information
Colorado Department of Public Health & Environment
1.800.846.3986 or ColoradoRadon.info

Preventing Lung Cancer from Radon Exposure

Boulder County Public Health



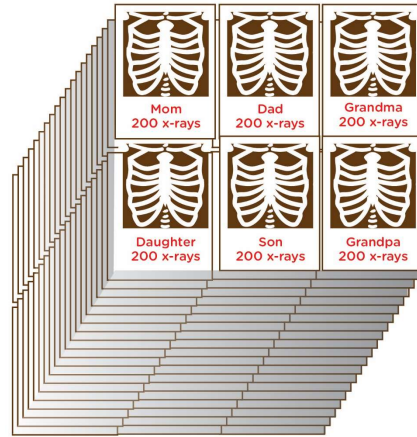
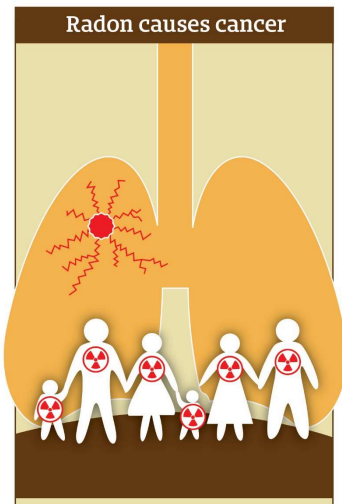
Colorado Residents are at Risk



Source: Colorado Department of Public Health and Environment (CDPHE) Radon Outreach Program and Colorado Environmental Public Health Tracking.
Notes: These radon zones were determined based on indoor radon, geology, soil, construction type and aerial radiation measurements. Approximately 20,000 pre-mitigation radon test results were used in development of this map.
4 pCi/L is the EPA action level for indoor radon.

ZONE 1 High radon potential
(probable indoor radon
average >4pCi/L)

Radon Causes Cancer

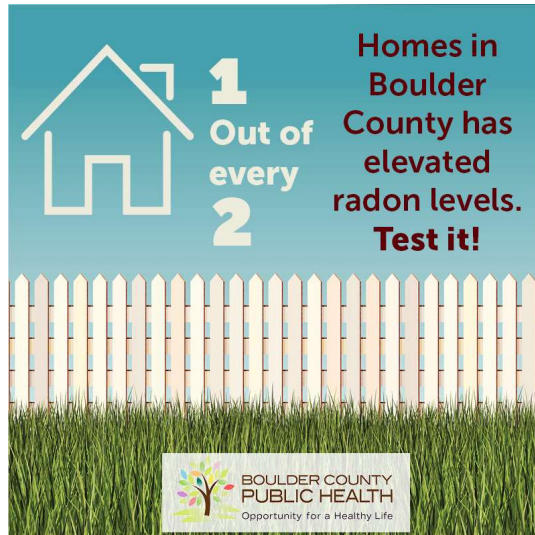


Radon Exposure is Avoidable

- Radon Aware video



Radon Awareness is Growing



Together, we can help Boulder County residents create healthy homes.



Patty Dooley-Strappelli

Boulder County Public Health Air Quality Program

Email: HealthRadon@BoulderCounty.gov

Webpage: www.boco.org/radon