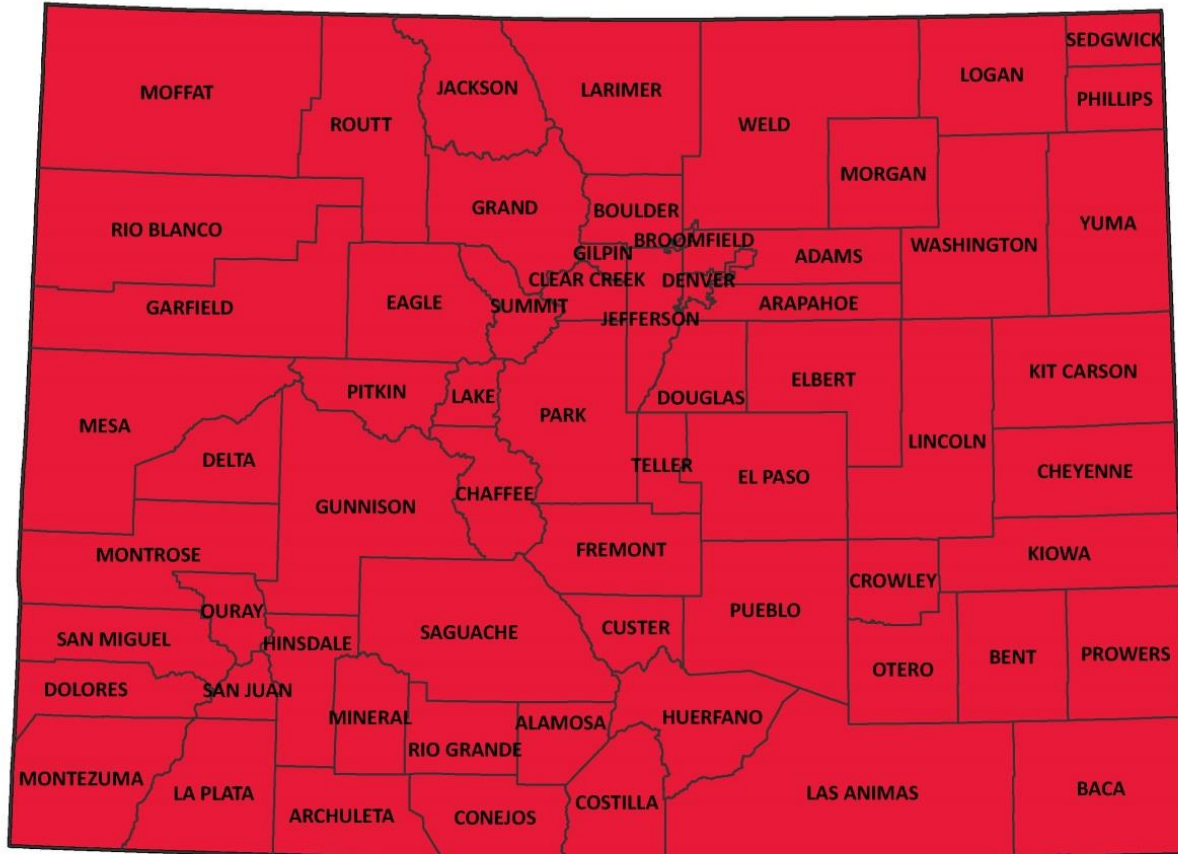


Preventing Lung Cancer from Radon Exposure

Boulder County Public Health



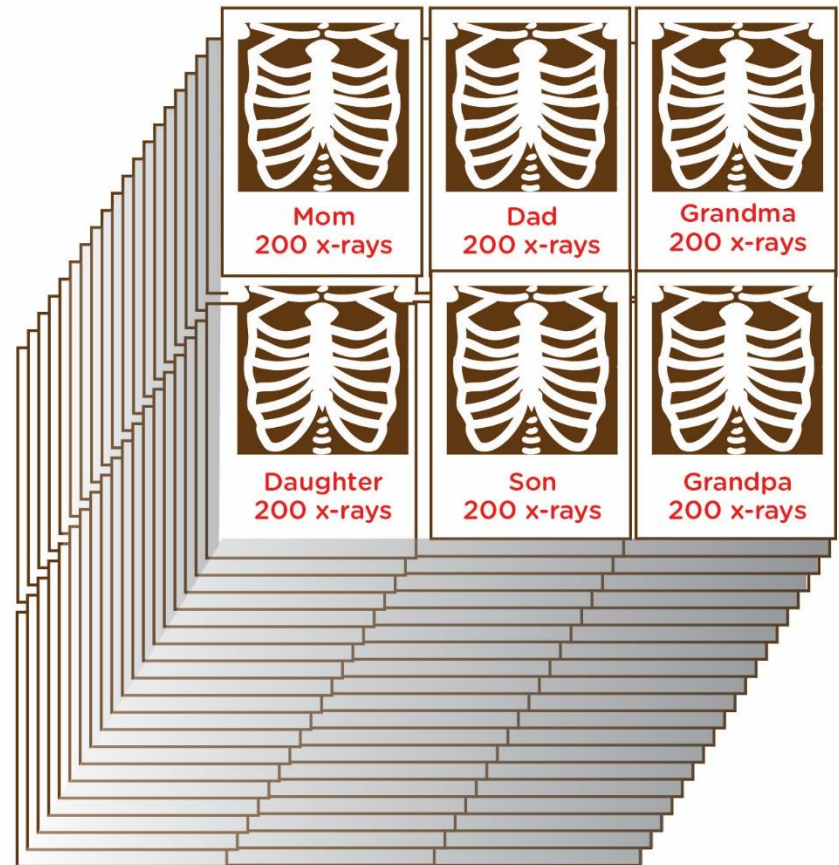
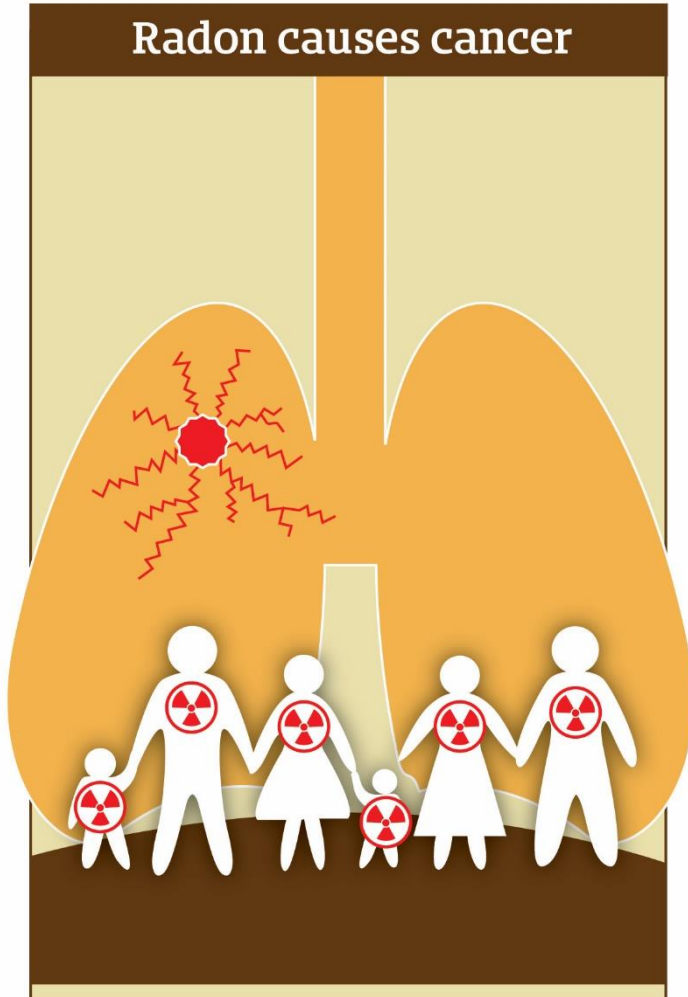
Colorado Residents are at Risk



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.

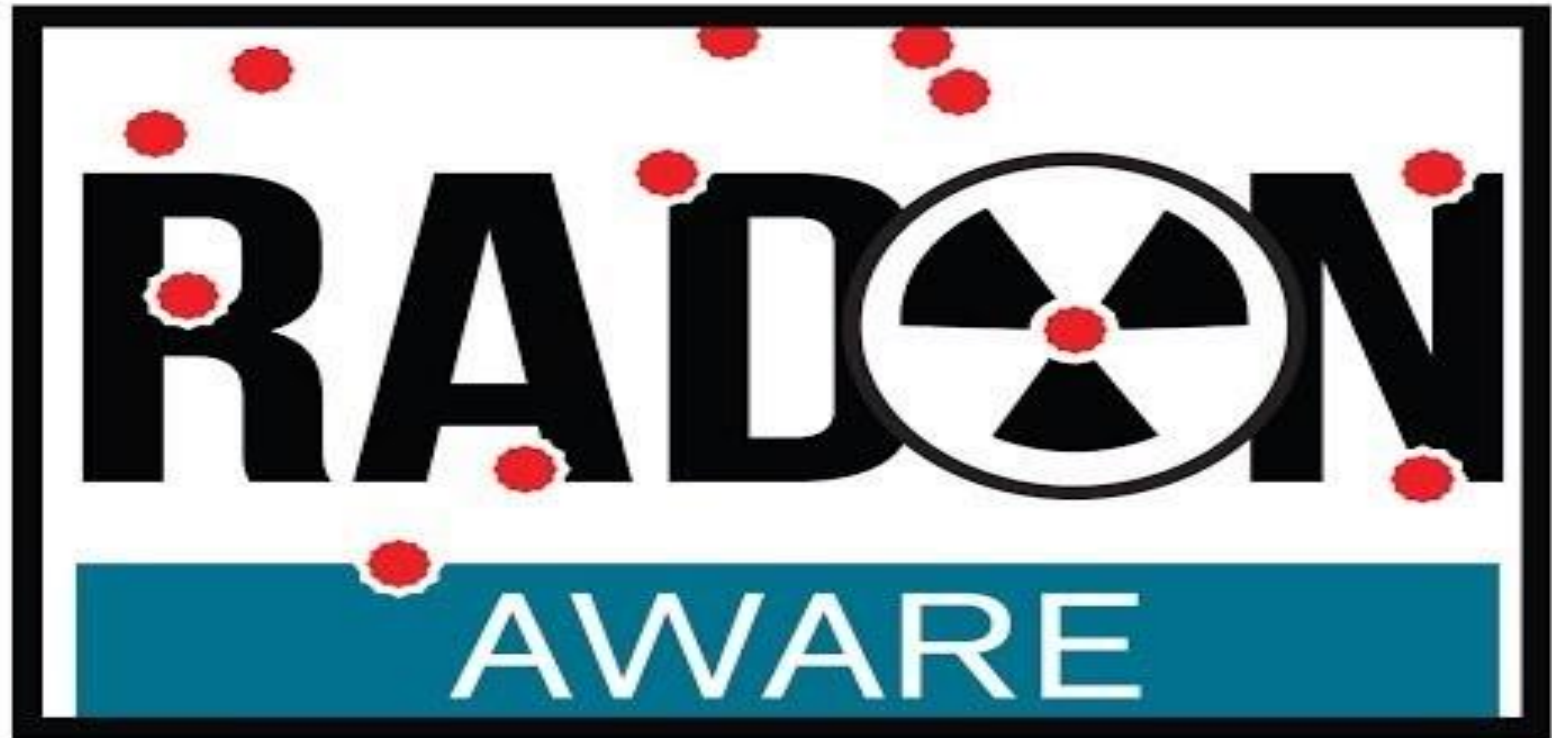
ZONE 1 High radon potential (probable indoor radon average >4pCi/L)

Radon Causes Cancer



Radon Exposure is Avoidable

- Radon Aware video



Radon Awareness is Growing

IS YOUR HOME SAFE FROM RADON?

What is radon? Radon is a naturally occurring invisible, odorless gas that comes from the natural 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 occurs naturally in soil
Due to the geology of Colorado, homes in our state have higher levels of radon than the national average.

200 chest x-rays
That's more than three per week, per person, per year.
In Colorado, living in a home with average levels of radon (4 pCi/L) for one year is like having 200 chest x-rays every year. That's more than three chest x-rays for every person in the house every week.

Radon causes cancer
Every year in the U.S., over **20,000** people die 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
Ask your home inspector about radon and request a radon test.

Fixing the problem is easy and inexpensive
New radon can be dealt with systems in place. Test for radon - a fee may need to be added.
Systems can be added to existing homes.

Improvement cost comparisons

System	Cost Range
Radon Mitigation	\$100 - \$200
Radon Sealing	\$10 - \$100
Radon Testing	\$10 - \$50

Contact Your Health Department

- Boulder County Public Health**
303.441.1550 | bouldercountyhealth.org
- Broomfield Public Health & Environment**
720.884.2221 | broomfieldpublichealth.org
- Denver Department of Public Health & Environment**
303.733.3111 | denver.gov/health/department
- Jefferson County Public Health**
303.733.3111 | jeffersoncounty.org
- Ti-County Health Department**
970.224.2020
- Colorado Department of Public Health & Environment**
1.800.846.1596 | ColoradoRadonInfo.org

This Real Estate Professional is

RADON

AWARE

*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