



Radon is the #1 cause of lung cancer for non-smokers.

Test your home today to find out if you have a dangerous level.

What is radon?

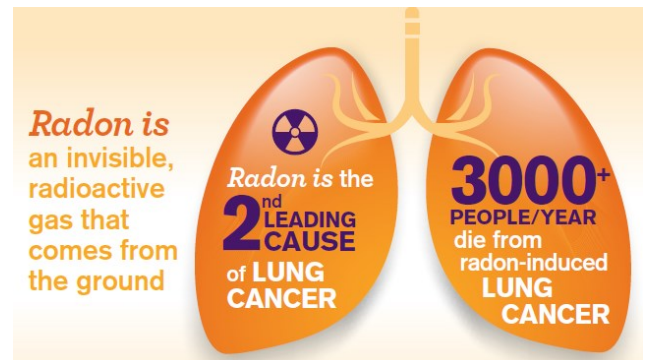
Radon is a naturally occurring, radioactive gas that comes from the breakdown of uranium found in rocks and soil. You can't see, smell, or taste radon. Radon is measured in becquerels per cubic metre (Bq/m³).

What are the health effects of radon?

Breathing in high levels of radon gas for many years can lead to lung cancer. People who smoke are at a higher risk of developing radon-related lung cancer than people who don't smoke. In Canada, radon is the second leading cause of lung cancer after tobacco smoke.

How does radon get into my home?

Radon gas can enter buildings through cracks in the foundation, gaps around pipes, open floor drains or any other area of exposed soil. When radon mixes with the air outside, it's not a health risk as the air outside dilutes the radon concentrations. But when radon seeps into confined spaces like a house, it can build up to high levels and become harmful, especially within the basement. You and your family can breathe in high levels of radon without knowing that you're doing so.



HOW TO REDUCE RADON IN YOUR HOME



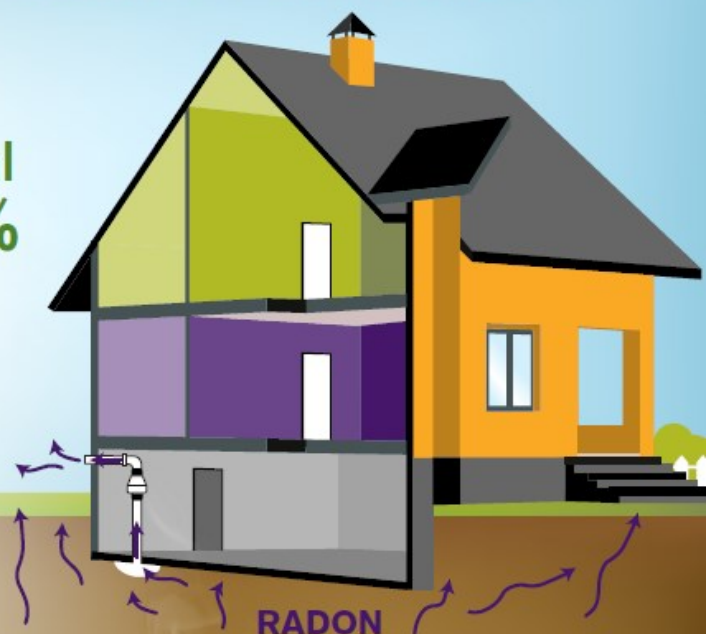
HIRING
a certified professional
LOWERS RADON BY UP TO **90%**

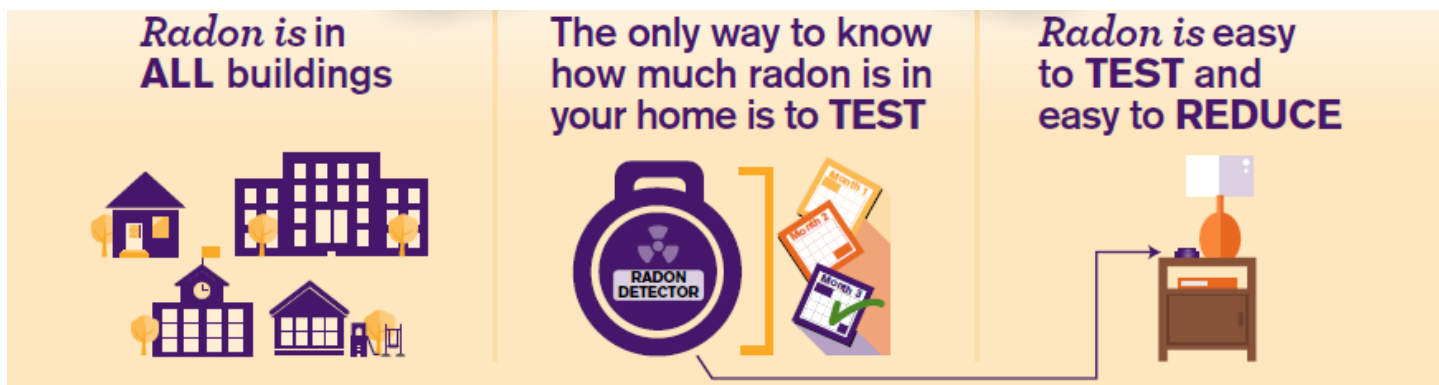


INCREASING
home ventilation
LOWERS RADON BY **25–50%**



SEALING cracks
LOWERS RADON BY **13%**





Is there radon in my home?

Every house likely contains some amount of radon. The likelihood of high radon levels cannot be predicted by the age or location of a home; all homes are at risk. The only way to know how much radon is in your home is to test.

Radon test results

- If your home's radon level is less than 200 Bq/m³, [Health Canada radon guidelines](#) say that no action is required.
- If your home's radon level is between 200 and 600 Bq/m³, you should repair your home in the next two years.
- If your home's radon level is over 600 Bq/m³, you should repair your home within one year.



What do I do if radon tests show high levels of radon in my home?

Health Canada offers several mitigation strategies in their [Radon Reduction Guide for Canadians](#) (pages 14-32). [A contractor](#) may be required to help you reduce the amount of radon in your home. The Lungs Matter: [Home Radon Mitigation Grant Program](#) is available to qualifying home owners.

Other resources to further your learning:

- Radon and Your Health: [Canadian Lung Association](#)
- Guide for Radon Measurements in Homes: [Health Canada](#)
- Radon: [National Collaborating Centre for Environmental Health](#)
- Radon: [Cancer Care Society](#)
- Take Action on Radon: [Health Canada](#)
- Radon Risks and Realities: [Public Health Ontario](#) (Infographic)

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