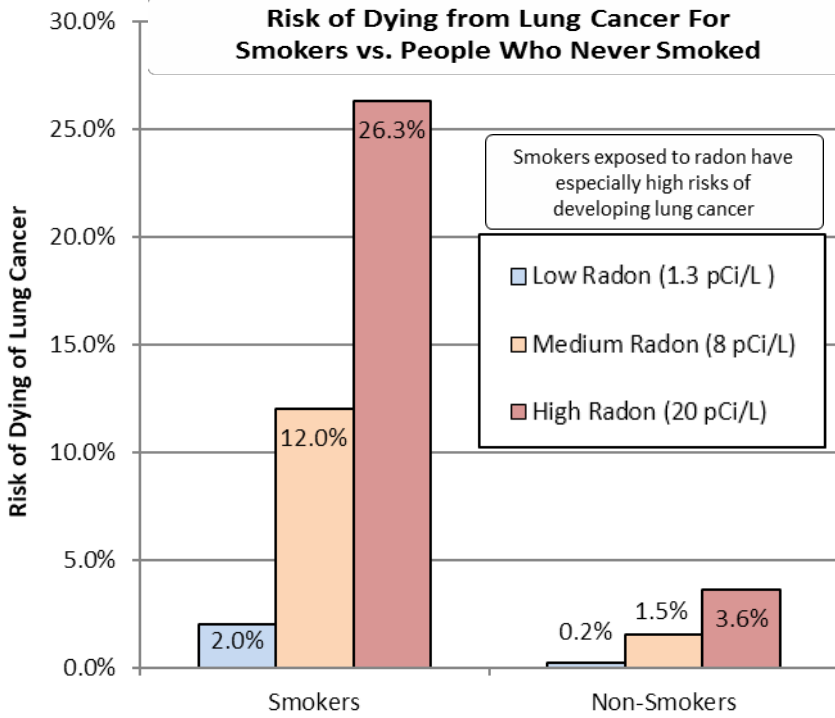


Radon and Smoking: A Risky Combination



Radon & Smoking: Lung Cancer Risks Don't Add Up... They Multiply



Based on Lifetime risk from EPA Assessment of Risks from Radon in Homes (EPA 402-R-03-003)

If you smoke and your home has high levels of radon, your risk of getting lung cancer is especially high.*

The EPA estimates that 86% of radon-related lung cancer deaths occur among current or former smokers.†

The risk of lung cancer to non-smokers increases drastically as radon levels in the home increase.

*Source: US Environmental Protection Agency (EPA), *A Citizen's Guide to Radon*, 2016; †Source: US EPA. *EPA Assessment of Risks From Radon in Homes*. 2003.

Take Action

Lung cancer due to smoking and radon *can* be prevented.

- ✓ Quitting smoking is the best way to reduce your risk of lung cancer.
- ✓ Test your home for radon.

Lung Cancer: The #1 Cause of Cancer Death

Lung cancer kills more people in New Jersey than any other kind of cancer.

Nearly 90% of lung cancer cases are due to smoking.†

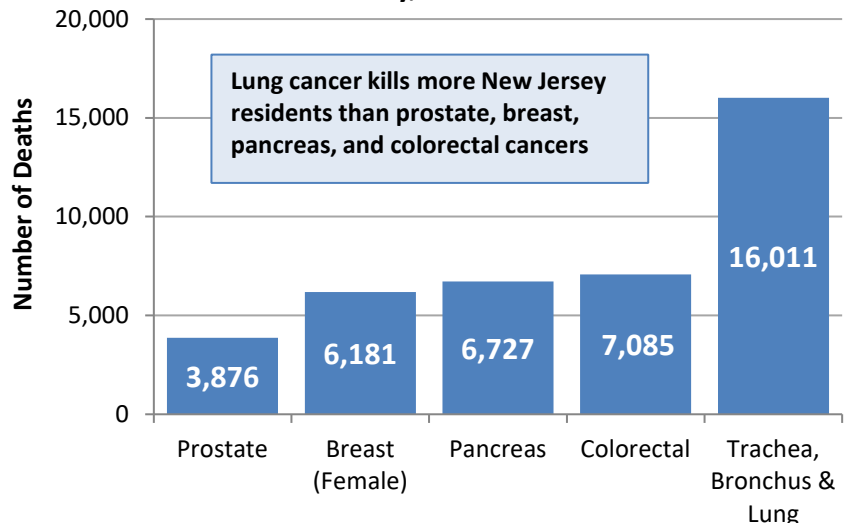
Radon is the leading cause of lung cancer among non-smokers.†

Each year, there are an estimated 500 radon related deaths among New Jersey residents.

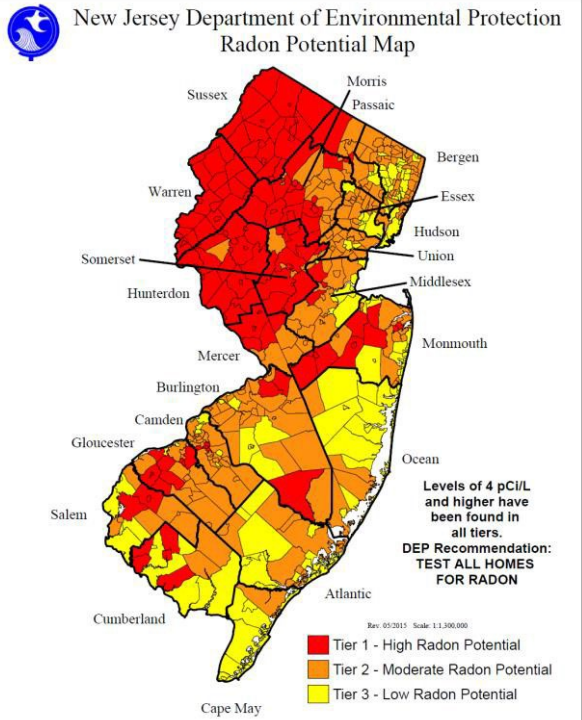
Cancer is the 2nd leading cause of death after heart disease in New Jersey.

†Source: US EPA. *EPA Assessment of Risks From Radon in Homes*. 2003.

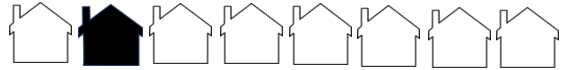
Cancer Deaths New Jersey, 2018-2022



Radon: A Silent Killer



For information in New Jersey, call (800) 648-0394 or go to WWW.NJRADON.ORG



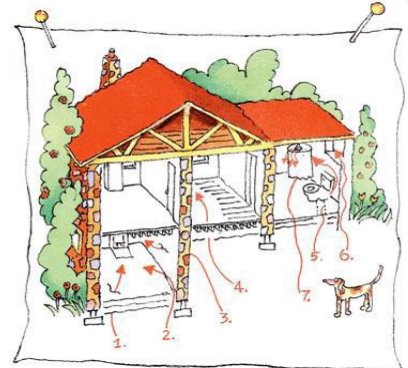
1 in 8 New Jersey homes has an elevated level of radon*

*From: ephtracking.cdc.gov/DataExplorer. Accessed on 12/18/2023

What is radon?

Radon is a naturally occurring, cancer-causing radioactive gas with no color, odor or taste.

- 67% of New Jersey homes have never been tested for radon as of 2021.
- Testing your home is the only way to know your home's radon level is high.
- All homes should be tested for radon.
- Radon problems can be fixed by installing a radon mitigation system.



Radon moves from the soil and into your home through cracks and openings in the foundation.

Lung Cancer Risk by Radon Level and Smoking

Radon Level (pCi/L)	Odds for non-smokers* of developing lung cancer <i>due to radon</i> if exposed to this level over a lifetime	Odds for smokers* of developing lung cancer <i>due to radon</i> if exposed to this level over a lifetime**
20	1 in 28	1 in 4
8	1 in 56	1 in 8
4	1 in 143	1 in 16
2	1 in 250	1 in 31
0.4***	1 in 1,350	1 in 260

*Smokers are defined as individuals who have smoked at least 100 cigarettes in a lifetime; non-smokers have never smoked or smoked less than 100 cigarettes in a lifetime.

**In addition to the risk of lung cancer from smoking itself.

***Average outdoor radon concentration.

Source: US Environmental Protection Agency (EPA), *A Citizen's Guide to Radon*, 2016.

Resources

New Jersey Department of Environmental Protection

Information on radon in New Jersey can be found at: nj.gov/dep/rpp/radon/

A listing of radon testing and mitigation businesses in New Jersey can be found at: bit.ly/NJDEPCertRadonList or call: **1-800-648-0394**

New Jersey's Quitline offers free services to help you quit smoking. njquitline.org/
1-866-NJSTOPS (657-8677)