



Maryland
Department of
the Environment

Maryland Radon Program

EPA Region 3 Stakeholders Meeting

Newark DE

Friday, September 26, 2025



MD Department of the Environment (MDE) Radon Program

Our team – MDE/RHP/RMD/Technical Planning
Section

Health Physicist Supervisor with 4 staff members handle:
Reciprocity, Enforcement, General Licensed Devices,
Radiological/Nuclear Emergency Responses, Regulations,
and

Radon Program: EPA's State Indoor Radon Grant(SIRG)

**The MDE and MDH work to address radon as a
public health issue, with a focus on outreach
activities**

Grant is renewed for 2026

Protect Your Family from Radon



Radon is a health hazard
with a simple solution -
Test your home today!

mde.maryland.gov/radon

1-866-703-3266



Maryland
Department of
the Environment



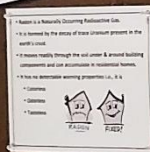
MARYLAND
Department of Health

Welcome to the Radiological Health Program

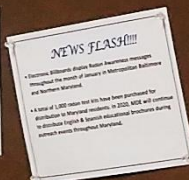
Mission Statement... To Control the Use of Radiation to Protect Public Health, Safety & the Environment from Inadvertent & Unnecessary Radiation Exposure

National Radon Awareness Month

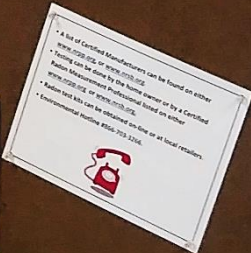
THE BAD ACTOR - RADON GAS



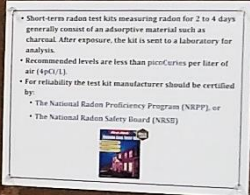
HOW RADON GETS IN A HOME



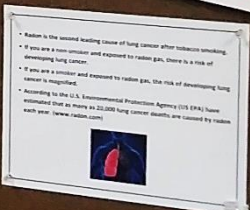
PROTECT YOURSELF - Find RADON Before it Finds You..



Don't Mess Up the Test!



Health Concerns on RADON





National Radon Awareness Month

- Governor's Proclamation
- MDE radon page - # of hits highest in January
- Maryland Realtors, local health departments, etc. helped promote awareness and link our radon page on their media platforms
 - Extending past January, ongoing work in contacting local health departments to have radon information and our link permanently on their websites - [Charles](#), [Dorchester](#), etc.
- Social media posts and trivia on MDE Facebook, Twitter, and Instagram



Maryland Dept. Of The Environment
January 3 · 🌐

January is Radon Awareness Month! As such, we're back with #TriviaTuesday! Current MDE employees are not eligible to win. This is all done for a bit of fun and a lot of education.

RADON ACTION MONTH 2023
TRIVIA TUESDAY



**RADON IS THE _____
LEADING CAUSE OF
PREVENTABLE
LUNG CANCER IN
THE U.S.**



National Radon Awareness Month

Clear Channel Outdoor billboards

- Displayed in Carroll, Frederick, Howard, and Baltimore City/County
- 4,286,844 impressions

Transit bus banner signs

- For Frederick County lines
- 2,730,000 impressions





Community Outreach

Volunteered at various events to increase radon awareness

- PG County Health & Wellness Tour (01/18/25)
- Baltimore Revolutionary Academy for Virtual Education's Resource Fair for Families (01/31/25)
- Timonium MD Home & Garden Show (03/01/25 - 03/02/25)
- Ebenezer Church of God Community Fair (08/09/25)
- MD State Fair (08/22/25 - 08/24/25)



Designed t-shirts, water bottles, and tote bags for outreach events

Provided flyers and pamphlets for community distribution



MDE Radon Webpage

Radiological Health

- Dental Machine Guidelines
- Informational Memos
- Licensing Guidelines
- Radioactive Materials Licensing Forms
- Radon
- Regulations for Control of Ionizing Radiation
- X-ray Application Forms and Guidance
- Radiological Health Home



State of Maryland
Proclamation for Radon Gas

Radon Exposure in Your Home....What's Your Radon Risk?

Radon exposure is a health hazard with a simple solution. Radon is an invisible, odorless radioactive gas in the earth that can enter into lower level rooms of your home, like a basement. The longer you and your family are exposed to radon, the greater risk you have of developing lung cancer. Testing for radon is easy, affordable and the best way to protect your family from exposure. Radon test kits are available at home improvement stores or online.

ORDER YOUR RADON TEST KIT HERE!!



Radon exposure is a health hazard -
Test your home today!



Maryland
Department of
the Environment



MARYLAND
Department of Health

TEST YOUR HOME TODAY! (Video)



MDE Radon Webpage



Dental Machine Guidelines

Informational Memos

Licensing Guidelines

Radioactive Materials Licensing Forms

Radon

Regulations for Control of Ionizing Radiation

X-ray Application Forms and Guidance

Radiological Health Home

Radon Safety



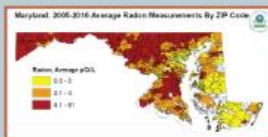
ORDER NOW Radon Test Kit

Radon is an invisible, odorless radioactive gas in the Earth that can enter into lower level rooms of your home, like a basement. Radon exposure is a health hazard with a simple solution. The longer you and your family are exposed to radon, the greater risk you have of developing lung cancer. Testing for radon is easy, affordable and the best way to protect your family from exposure. Radon test kits are available at home improvement stores or online.

[Order a radon test kit today](#)

[Watch a video about radon](#)

What's my Radon Exposure Risk?



Some areas of Maryland have soil that makes radon exposure more likely. Basement and first floors are at highest risk because they are closest to the ground.

Learn more: mde.maryland.gov/radon
#MDRadonAwareness #TestRadon



Based on prior test results or new construction in your home, radon testing is recommended every five years.



A radon test result of 4 pCi/L or more requires a certified radon mitigation contractor.

If you are a contractor or local health department, help us spread the word about the risks of radon in your home. We've created a toolkit to assist you in reaching out to the communities and customers. Download any of the following for your own radon awareness outreach use:

Radon Awareness Toolkit Downloadable Materials

- Radon social media toolkit
- Radon display graphic

Additional Information

- Find a Certified Radon Service Provider (NRSB)
- Find a Certified Radon Service Provider (NRPP)
- US EPA Radon Information
- Interactive Radon Map of Maryland

Contact

For additional information please contact Nancy Servatius at the Environmental Health Hotline, 866-703-3266.



Proclamation

From the Governor of the State of Maryland
RADON GAS AWARENESS MONTH
JANUARY 2025

WHEREAS, Radon is an odorous, colorless, naturally occurring radioactive gas found in Maryland; and
WHEREAS, Radon is the second leading preventable cause of lung cancer and nationally, the U.S. Environmental Protection Agency estimates that radon causes about 21,000 cancer-related deaths each year, including an estimated 2,000 deaths that occur among people who have never smoked; and
WHEREAS, Elevated radon levels are found in homes and pose a serious health threat to families residing in those homes if not addressed; and
WHEREAS, Any home may have elevated levels of radon, even if neighboring homes do not, and living in a home with an average radon concentration of four picocuries per liter of air poses a similar risk of developing lung cancer as smoking half a pack of cigarettes a day; and
WHEREAS, Testing the home is the only way to know if a radon problem exists, testing is easy and inexpensive, and if elevated radon levels are found the problem can be easily abated; and
WHEREAS, The Maryland Department of the Environment, Maryland Department of Health, and Maryland Department of Housing and Community Development are joining forces with local county health departments to educate residents of the dangers of radon gas.

NOW, THEREFORE, I, WES MOORE, GOVERNOR OF THE STATE OF MARYLAND, do hereby proclaim JANUARY 2025 as RADON GAS AWARENESS MONTH in Maryland, and do commend this observance to our citizens.



Witness My Hand and the Great Seal of the State of Maryland
this 1st day of January
2025.
(Two Testimonies and hereby filed)

[Signature]
Anura Miller
Lt. Governor
[Signature]
Susan C. Lee
Secretary of State



Radon Testing

Current contractor Alpha Energy Labs - \$3 kits available on MDE website

From July 2024 to July 2025: 3158 kits distributed and 1795 kits analyzed

~56.84% return rate

Average return time is ~57 days

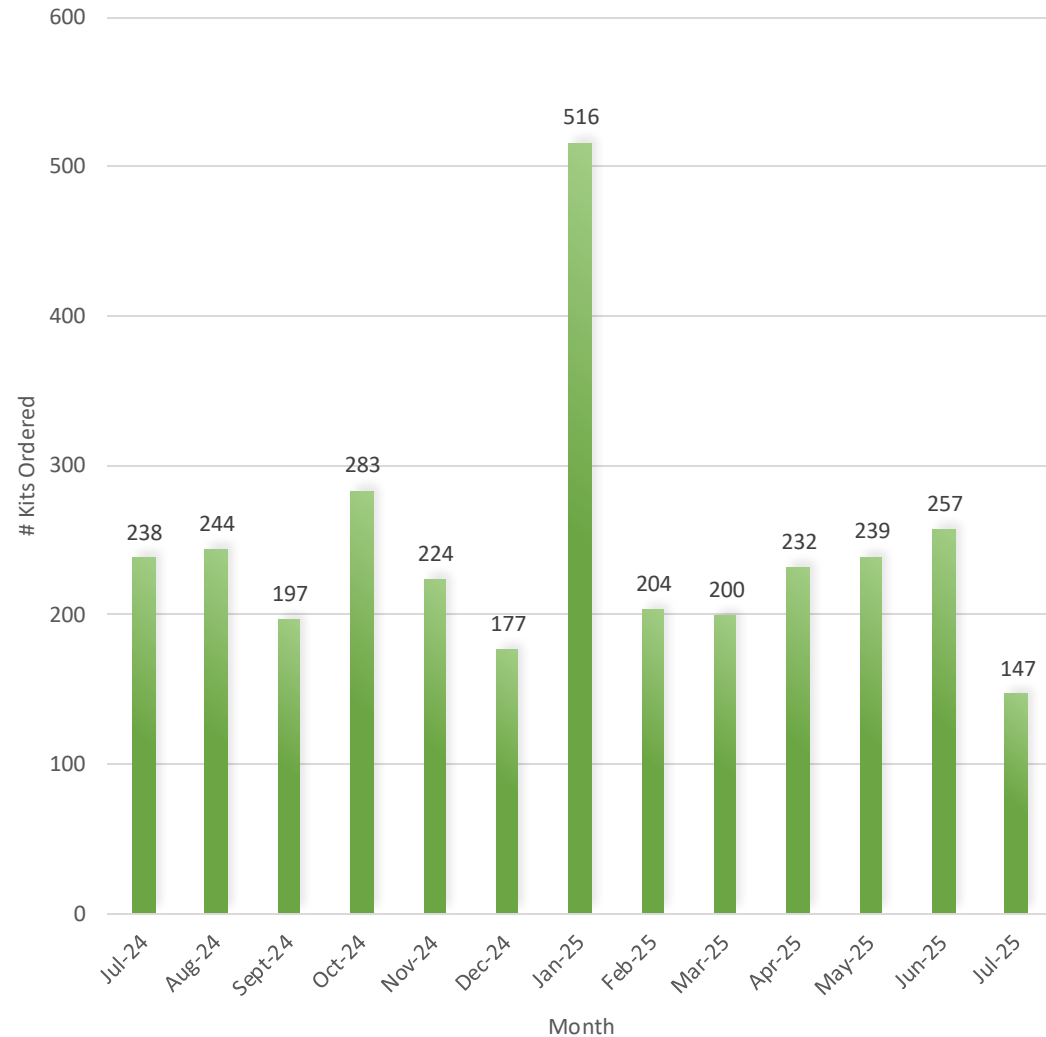
- ~110 radon professionals certified by NRSB and/or NRPP in MD as of now
 - Updated list of certified mitigators in MD – **currently 24 active**
 - Build relationship for collaborative improvement – recently contacted for statistics, observations and suggestions, opportunities and events (like this meeting!), etc.



Kits Ordered by Month

- Significant spike in orders during January 2025 from National Radon Awareness Month activities
- Increase in kits ordered seen for Howard County (~60% from 2022 to 2023), Washington County (~32% from 2023 to 2024)
- Excluding years before 2022 and Montgomery County, orders were most commonly due to internet/social media and government agencies

Number of Radon Test Kits Ordered per Month in Maryland (07/2024-07/2025)

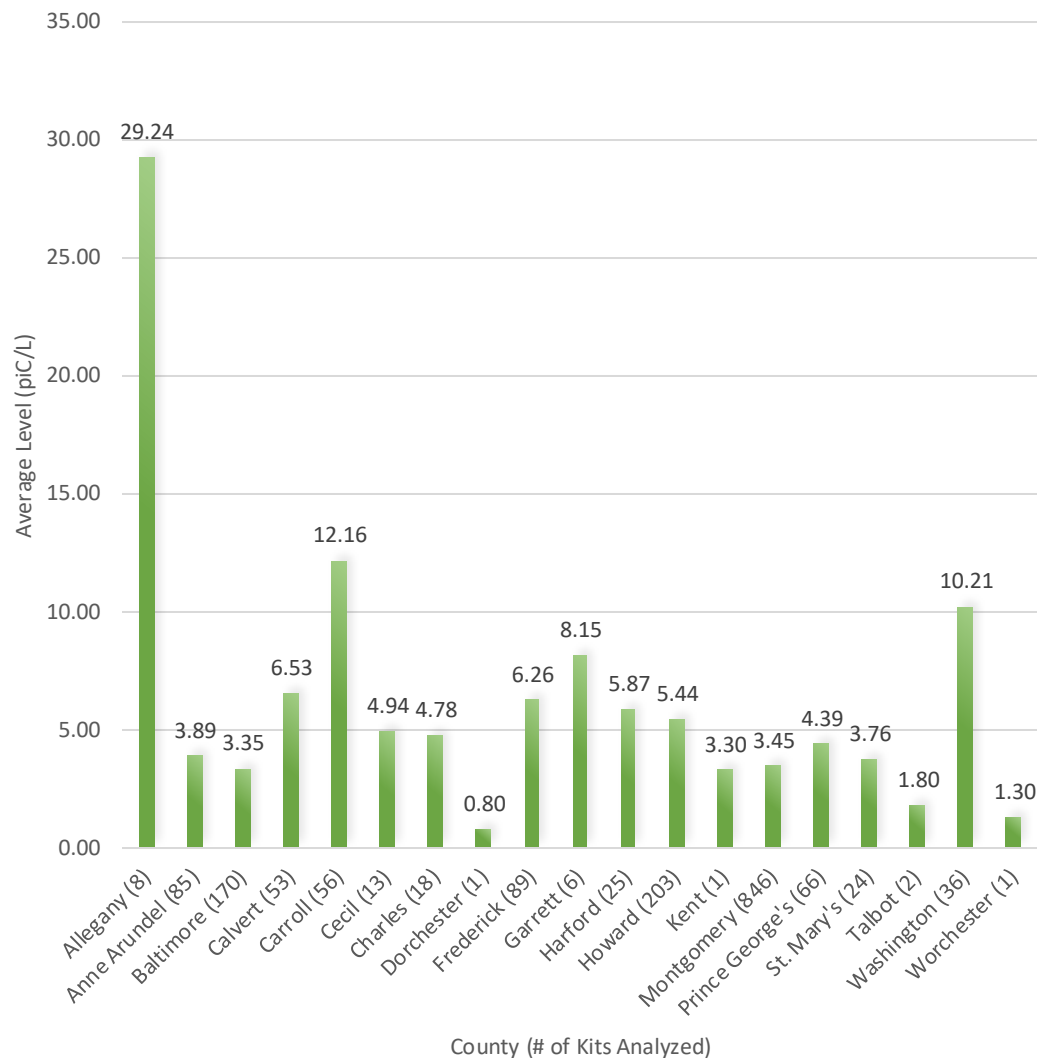




Average Radon Activity Level per Maryland County (08/2024-08/2025)

Results by County

County (# kits analyzed)	Average Level (pCi/L)
Allegany (8)	29.24
Anne Arundel (85)	3.89
Baltimore (170)	3.35
Calvert (53)	6.53
Carroll (56)	12.16
Cecil (13)	4.94
Charles (18)	4.78
Dorchester (1)	0.80
Frederick (89)	6.26
Garrett (6)	8.15
Harford (25)	5.87
Howard (203)	5.44
Kent (1)	3.30
Montgomery (846)	3.45
Prince George's (66)	4.39
St. Mary's (24)	3.76
Talbot (2)	1.80
Washington (36)	10.21
Wicomico (1)	1.30
*None analyzed from Caroline, Somerset, Wicomico	





Outreach at Libraries

Resources delivered to:

- Eldersburg
- Finksburg
- Mt. Airy
- Westminster

Total: 645

Resources delivered to:

- Edgewood
- Fallston
- Joppa

Total: 160

Resources delivered to:

- Arbutus
- Dundalk
- Essex
- Hereford
- Pikesville
- Randallstown
- Reisterstown
- Towson
- Whitmarsh
- Woodlawn

Total: 3,090

Resources delivered to:

- C. Burr Artz
- Brunswick
- Middletown
- Urbana Regional
- Walkersville

Total: 657

Resources delivered to:

- Alice Virginia & David W. Fletcher
- Boonsboro
- Hancock Veterans Memorial
- Smithsburg

Total: 315

Resources delivered to:

- Central
- East Columbia
- Elkridge
- Glenwood
- Miller

Total: 1,335

Resources delivered to:

- Beltsville
- Greenbelt
- Hyattsville
- Laurel
- New Carrollton
- Upper Marlboro
- South Bowie

Total: 2,040

Resources delivered to:

- Fairview
- Twin Beaches

Total: 170

Resources delivered to:

- Crofton
- Linthicum
- Mountain Road
- Riviera Beach
- Severn

Total: 1,515

Resources delivered to:

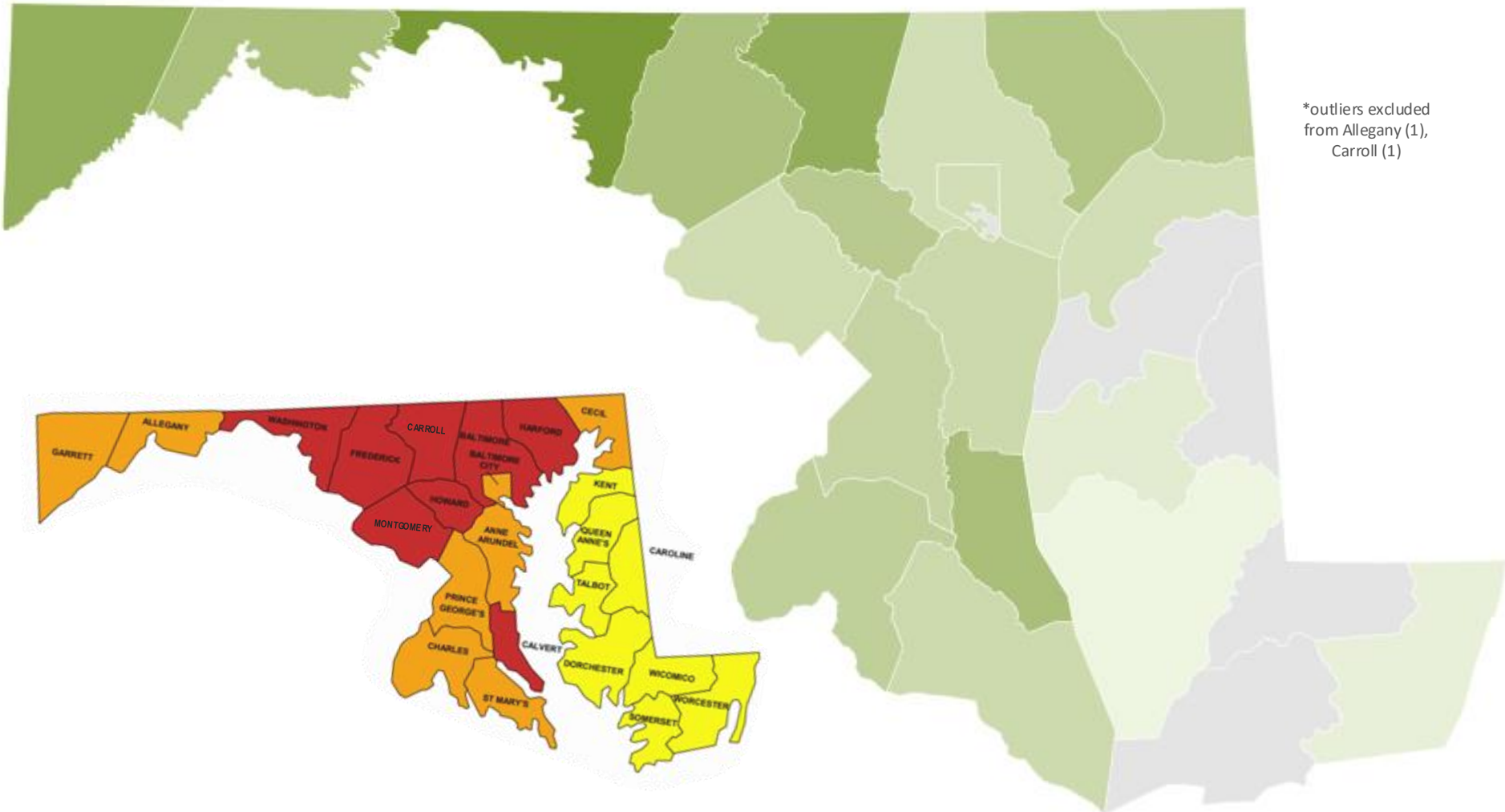
- Central
- Govans
- Roland Park

Total: 690



August 2024-2025 Radon Home Test Averages per County

picocuries
0.8 10.21





What We're Working On

- Streamline radon data and analysis
 - Improving data quality – increase testing in counties lacking data
 - Updating MD radon map (currently 2005-2016 data) – determine trends and identify areas for outreach focus
- Expand our areas of outreach and increase in-person activities
 - Coordinating with libraries to hold presentations and set up displays throughout National Radon Awareness month
- Work with the MD Department of Health to develop a lung cancer-radon-smoking risk page for their tracking portal
 - Using data from AEL and private labs
- Continue developing connections with our community and contacting stakeholders to gain support/interest



Thank you!

Maryland Department of the Environment

Our goal is to protect public health through
promoting radon risk reduction and raising
awareness

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