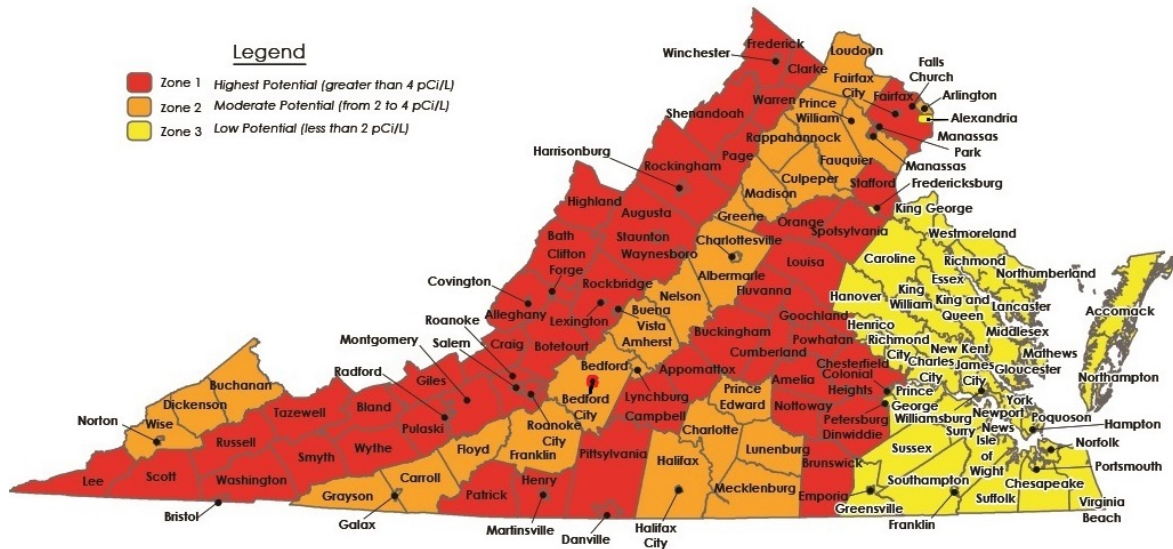


Virginia Radon Fact Sheet



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Virginia Radon Summary of U.S. EPA radon risk zones in Virginia:

Zone 1 (high risk- red) – 46 counties and 15 independent cities:

The Virginia high risk counties with the highest populations include Chesterfield, Dinwiddie, Fairfax, Goochland, Powhatan, Roanoke, Stafford and Spotsylvania.

Zone 2 (moderate risk- orange) – 24 counties and 8 independent cities:

The Virginia moderate risk counties with the highest populations include Albemarle, Amherst, Fauquier, Loudoun and Prince William. Actual radon test results reported from Loudoun County indicate that it should be reclassified as high risk.

Zone 3 (low risk- yellow) – 26 counties and 15 independent cities:

The easternmost areas of Virginia are thought to be at low risk for radon. This includes Williamsburg and the Virginia Beach/Suffolk/Hampton Roads/Portsmouth area. However, radon test results indicate that the City of Richmond, the City of Williamsburg and the counties of Henrico, Hanover, Caroline and King George should be reclassified as moderate risk.

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Summary of current Radon laws in Virginia:

- A. Section 22.1-138 – requires that as of 7/1/1994, all existing school buildings and all those built in the future shall be tested for radon.
- B. Sections 32.1-229 and 229.01 require that all radon professionals be certified by either the National Radon Safety Board (www.nrsb.org) or the National Radon Proficiency Program (www.nrpp.info) and that their work must meet stipulated EPA and ASTM standards.
- C. Current state building code gives USEPA Zone 1 (e.g. high risk for indoor radon) jurisdictions the option to require radon resistant construction techniques (Appendix F) for all new residential construction.

State Cancer Control Plan: (2018-2022)

Radon is defined (pg. 21) and mentioned as a specific goal (pg. 27) in the Prevention section of the plan.

PREVENTION GOAL 5: Reduce exposure to radon among Virginians

- 5.1: By 2022, increase the annual reported numbers of homes tested for radon
- 5.2: By 2022, increase the annual reported numbers of homes mitigated for radon

Summary of Virginia Department of Health (VDH) - Office of Radiological Health's (ORH) Radon Program Measures - from EPA SIRG grant fiscal year 2021:

- 1,485 number of public inquiry responses (telephone & e-mail)
- 53,051 number of VDH-ORH Radon webpage visits
- 3,123,697 approximate number of citizens educated through public outreach and advertising campaigns
- 40 total number of realtors who attended VDH-ORH's radon classes
- 285 free radon test kits directly distributed by VDH to Virginia citizens at events
- Virginia citizens ordered 5,800 pre-purchased test kits directly from a vendor for only a \$3 shipping fee
- 29,892 total reported number of radon tests performed in Virginia
- 3,983 total reported number of radon mitigation jobs performed in Virginia

Radon Grant Funding in Virginia:

Virginia contributes a 40% match of SIRG funds received. VDH does claim an in-kind match for realtor's time based on their attendance of radon classes provided by VDH.