

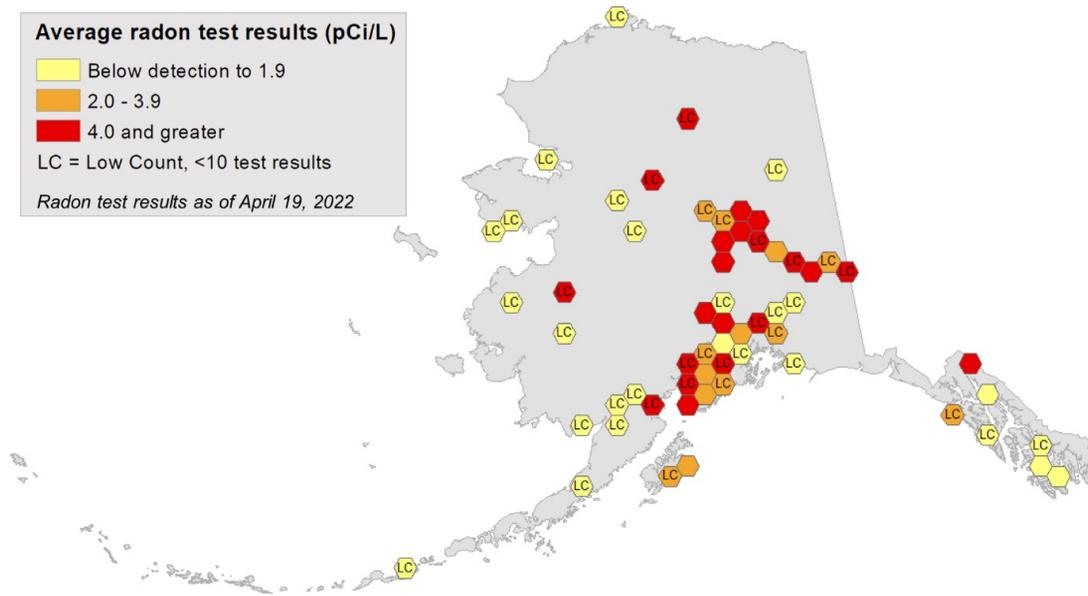
# Alaska Radon Fact Sheet

**Average radon test results (pCi/L)**

- Below detection to 1.9
- 2.0 - 3.9
- 4.0 and greater

LC = Low Count, <10 test results

*Radon test results as of April 19, 2022*



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The Alaska Radon Program is managed by Jennifer Athey, Geologist at the Alaska Division of Geological & Geophysical Surveys (DGGS) with funding from the EPA's State Indoor Radon Grant to Alaska's Department of Environmental Conservation, Division of Air Quality. The grant is implemented through a partnership of DGGS and University of Alaska Fairbanks, Cooperative Extension Service.

The radon program at the Alaska DGGS is part of a larger geologic environmental hazards program and offers Alaska residents practical advice for radon testing and mitigation. The Alaska DGGS also organizes an annual test kit giveaway, offering free radon test kits to Alaskans starting in January, National Radon Action Month. DGGS has published several freely available informational pieces on radon, radon related to earthquakes, test interpretation, and DIY mitigation for Alaskans. For more information about the DGGS radon program and publications, please visit <https://dggs.alaska.gov/hazards/radon.html>.

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The University of Alaska Fairbanks, Cooperative Extension Service also offers practical information of interest to Alaska residents. Many publications are free and available online, including “Understanding, Testing for and Mitigating Radon (RAD-00760)”, and practical radon videos are available on their YouTube channel. For more information, visit <https://www.uaf.edu/ces/foodhealth/radon/>.

Since 2004, radon concentration data have been collected in residences, schools, businesses, and government buildings around the state. The Alaska DGGs maintains a database of these results and uses them to produce a map of radon prevalence throughout the state. The map has layers of both averaged test results and a model of radon potential. The interactive map is updated periodically and is available at <https://maps.dggs.alaska.gov/radon/>. Recently, results from the National Radon Action Month test kit giveaway have provided many new results to the program, but donated results from homeowners, home inspectors, and other radon professionals are still gladly accepted. The form for donating results can be found on the Alaska DGGs radon webpage (link above).

Analyses of test results and modeling suggest that some of Alaska’s strongest natural concentrations of radon are in the Yukon-Tanana uplands, parts of the Matanuska and Susitna valleys, Kenai Peninsula, and Brooks Range. These areas are generally underlain by metamorphic rocks from which radon gas is released, but you will find radon anywhere there is decaying uranium with an escape route to the atmosphere. The only homes and buildings that are safe from radon are those built on piers or pilings and are not skirted or enclosed underneath. Such buildings are common in coastal areas and areas with high prevalence of permafrost. All other buildings should be tested for radon and mitigated if concentrations are over the action level set by the EPA.

## Alaska Enacted Legislation

**Alaska Statutes §§ 34.70.010--200** Requires transferors of an interest in residential real property to provide to transferees a written disclosure statement prior to a written offer of transfer, and directs the Alaska Real Estate Commission to establish the form. Form developed by the Commission requires disclosure of knowledge of materials deemed to be environmental hazards, including radon gas, formaldehyde, asbestos, and lead-based paint, as well as knowledge of mold or mildew issues. (See <https://www.commerce.alaska.gov/web/portals/5/pub/rec4145.pdf>)