

Kansas Radon Program

6 Quick Facts About Radon

1 RADON & LUNG CANCER

Radon exposure in homes and other indoor environments is the **leading cause of lung cancer death for non-smokers in the United States**, and the second overall cause of lung cancer death behind tobacco smoking.

The Environmental Protection Agency (EPA) estimates that approximately **1 in 4 homes in Kansas** will test at or above the EPA's radon action level of 4.0 picocuries of radon per liter of indoor air (pCi/L). The US Surgeon General and the Kansas Radon Program recommends **all homes in Kansas be tested for radon gas**.

2 HOW DO I TEST MY HOME FOR RADON?

Radon test kits can be obtained from most **Kansas State Research and Extension (KSRE) county offices for a reduced fee**. Radon test kits can also be purchased online via www.sosradon.org at retail price. Test kits purchased through your county Extension office or the Kansas Radon Program include the laboratory analysis fee and return postage.

I'M BUYING A HOUSE. HOW DO I TEST FOR RADON?

It is law in Kansas that all residential real estate contracts include a recommendation that home buyers include a radon test on homes purchased in Kansas. **Kansas law also requires that all radon testing performed during real estate transactions be conducted by radon measurement professionals certified via the Kansas Department of Health and Environment (KDHE)**.

The list of KDHE-certified radon professionals, both measurement and mitigation, can be obtained at www.kansasradonprogram.org.

4 MY HOME HAS ELEVATED RADON LEVELS. WHAT NOW?

The most common technique used to reduce elevated indoor radon levels in single- and two-family homes is called Active Soil Depressurization (ASD). An ASD radon mitigation system is a permanently installed pipe-and-fan system that places a direct constant vacuum on the soil beneath the house's foundation, constantly reducing the amount of radon under the foundation that can penetrate into the living space of the home.

ASD radon mitigation systems can reliably and easily reduce elevated radon levels in **95% of homes or more**. In Kansas, the average starting radon level of homes that have been mitigated is approximately 9.5 pCi/L. The average post-mitigation radon result is 1.3 pCi/L.

5 RADON DATA FOR KANSAS

Over 112,000 radon measurements have been reported according to KDHE records. The observed state-wide average indoor radon level in Kansas is 4.9 pCi/L; over 46,000 measurements (41%) have been reported at or above 4.0 pCi/L. Radon mitigation systems have been installed to lower radon in over 17,000 Kansas homes.

Visit www.kansasradonprogram.org to view radon maps for all Kansas counties.

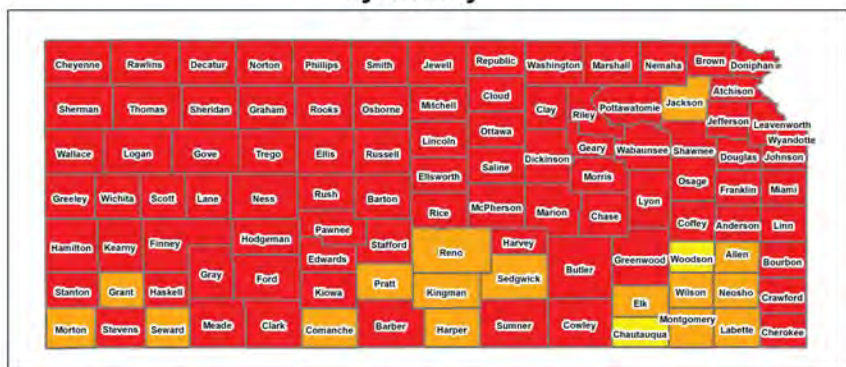
WHERE CAN I GET MORE INFORMATION?

You can call the **Kansas Radon Hotline toll-free at (800) 693-5343** and speak with the Kansas Radon Program.

You can also visit us at www.kansasradonprogram.org.

Our frequently asked questions (FAQ) can be found at www.kansasradonprogram.org/faq, and several topic-specific fact sheets can be found at www.kansasradonprogram.org/factsheets.

2016 Kansas Radon Average Values by County



Copyright 2016, KDHE and Kansas State University. Caution: This map has been produced from the results of a limited statewide indoor radon survey completed by KDHE in 1988, with the addition of indoor radon data collected since. As further data becomes available, revision will be necessary. This map is provided free of charge to the public and is generated for study purposes only. Permission is hereby given to reproduce this map provided it is reproduced in its entirety without modification. This map cannot be used to characterize or predict indoor radon levels at any specific area or location. Measurement must be performed to determine radon levels in any given residence or building. Contact the Kansas Radon Program at (800) 693-5343.

