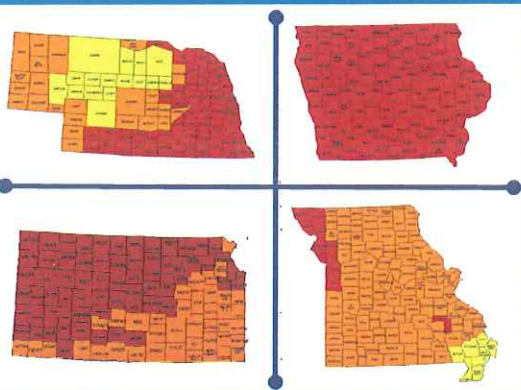


EPA's Map of Radon Zones



- Zone 1: Homes Typically test over 4 pCi/L
- Zone 2: Homes Typically test from 2 to 4 pCi/L
- Zone 3: Homes Typically test below 2 pCi/L

We can help you build it RIGHT, call or visit us at:

US Environmental Protection Agency



1-800-SOS-RADON

www.epa.gov/iaq/radon

or locally call:

US EPA Region 7

Greg Crable

1-800-223-0425

IOWA

Rick Welke

IA Dept. of Public Health

1-800-383-5992

MISSOURI

Randy Maley

MO Dept. of Health & Senior Services

1-866-628-9891

KANSAS

Brian Hanson

Kansas State University

1-800-693-5343

NEBRASKA

Sara Morgan

NE Dept. of Health & Human Services

1-800-334-9491

Building Your New Home RADON-RESISTANT



Eliminating your family's exposure to the second leading cause of lung cancer in the US can be done easily and at a considerable cost savings during the construction of your new home.

Ask Your Builder to Build it Right

• BUILD IT •

Radon-Resistant

What is Radon?

Radon is a radioactive gas released during the natural decay of uranium, which is a common, naturally occurring element found in varying rocks and soil. Odorless, invisible, and without taste, radon cannot be detected with the human senses.

Radon gas seeps into your home from the surrounding soil. Unable to escape the radon levels can become significantly high, the magnitude of which depends primarily on the building's construction and the radon levels in the underlying soil. The soil composition of the site affects radon levels and the ease with which radon migrates toward a house. Pressure differences between the interior of the house and the soil creates a vacuum drawing radon into your home.

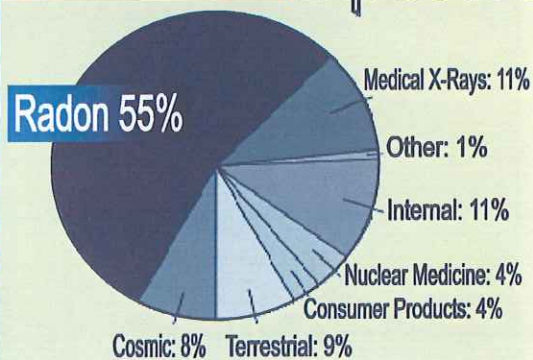
All of these issues are easily addressed during the construction of your home, by building your home RIGHT! By Building your home RADON-RESISTANT.



Why should you build it RIGHT?

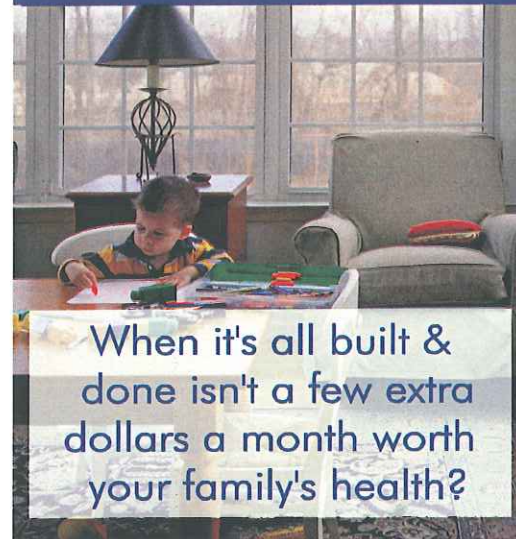
Radon decays into radioactive particles that when inhaled, can become trapped in your lungs. As these particles continue to break down they release small burst of energy damaging lung tissue which can lead to lung cancer over time. Radon is the second leading cause of lung cancer in the United States, causing over 20,000 deaths a year. Exposure to radon over prolonged periods of time is a significant health risk to your family.

Outdoors, radon levels are relatively low, however indoors; radon gas can accumulate, increasing to dangerous levels. Indoor radon accounts for more than 50% of your exposure to radiation, an unnecessary exposure that is easily eliminated.



Sources
of
Radiation
Exposure

The average cost to build it RIGHT adds \$200 - \$500 to the cost of your new home compared to \$800 - \$2,500 if a system is installed after the house is built ... a savings of up to 92% !



When it's all built & done isn't a few extra dollars a month worth your family's health?

Amortized over 30 years ... Building Radon-Resistant would only add about \$2 per month to your house payment*

* Based on a 6% - 30 Year Fixed Loan

Ask your Builder for these Radon-Resistant features:

1. 4" Gas/Vapor Permeable Material Typically Gravel
2. 16 mil. Polyethylene Gas/Vapor Barrier.
3. Seal Cracks and Gaps around Penetrations in the Foundation Walls and Floor Slab.
4. Install PVC "T" Fitting
5. Install PVC Vertical Vent Pipe
6. Install Junction Box for Future Use, if Necessary.

