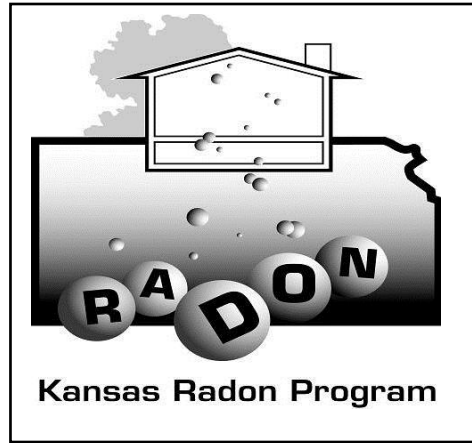


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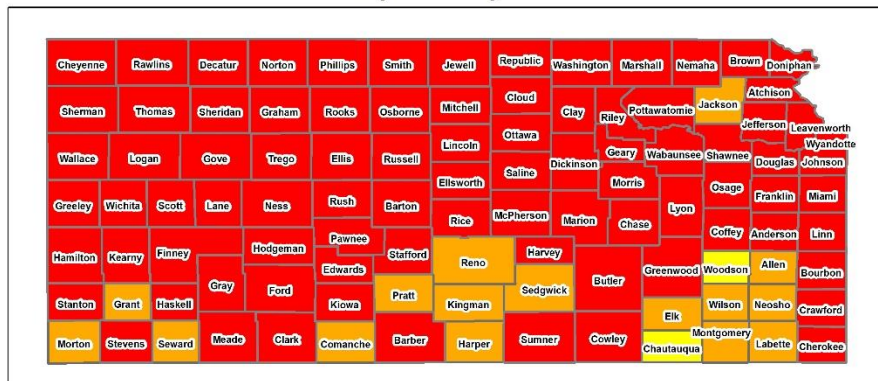
### Kansas Radon Facts

- **U.S. Surgeon General Health Advisory (January 2005)**
  - Indoor radon is the second-leading cause of lung cancer in the United States and breathing it over prolonged periods can represent a significant health risk to families all over the country. It's important to know that this threat is completely preventable. Radon can be detected with a simple test and fixed through well-established venting techniques.
- **Lung Cancer Incidence for Kansas**
  - **1869 new lung cancer cases** (approximate) each year in Kansas
    - Kansas Cancer Registry
  - **200 new radon-induced lung cancer cases (approximate) each year in Kansas**
    - American Lung Association (ALA)
- **How Many Homes in Kansas Have High Radon Levels?**
  - The Environmental Protection Agency (EPA) estimates that **1 in 4** homes in Kansas will test for radon concentrations above the EPA recommended reduction level of **4.0 pCi/L**
    - Kansas has approximately **858,000** single family residences
    - Using EPA numbers it is estimated then that approximately **214,000** single family residences **will test at or above 4.0 pCi/L**

*Actual Kansas radon data indicates that the rate of elevated radon levels is higher than 1 in 4.*
- **How Many Radon Tests Have Been Conducted in Kansas?**
  - **112,791 total radon tests have been reported to date**
    - Gross average indoor radon level for Kansas is **4.9 pCi/L**
  - **46,268 tests reported above 4.0 pCi/L (~ 41% or 2 out of every 5 homes tested)**
    - **2,708** tests reported above 20.0 pCi/L
    - Very high radon levels which have been reported include:
      - **743.6 pCi/L** reported in Manhattan, February 2008
      - **470.1 pCi/L** reported in Ellsworth, February 2012
      - **317.8 pCi/L** reported in Manhattan, March 2014
      - **309.0 pCi/L** reported in Olathe, May 2015

- **Who Provides Testing and Fixing Services in Kansas?**  
**There are currently:**
  - **194** Kansas (KDHE) certified radon measurement technicians working in Kansas
  - **67** Kansas (KDHE) certified radon mitigation technicians working in Kansas
  - The list of Kansas certified radon professionals can be found at [http://www.kdheks.gov/radiation/download/Certified\\_Contractor\\_List.pdf](http://www.kdheks.gov/radiation/download/Certified_Contractor_List.pdf)
- **How Many Homes With High Radon Levels Have Been Mitigated Since 2005 in Kansas?**
  - **25,987 homes** (estimated) had radon mitigation systems installed since 2005
  - **2,872 homes** had mitigation systems installed between October 2015 and June 2016
  - Average starting radon value for homes mitigated: **9.4 pCi/L**
  - Average ending radon value post mitigation: **1.4 pCi/L**
- **How Many Homes in Kansas Have Been Built “Radon Resistant” with Passive Radon Control Systems?**
  - **5,423 homes** (estimated) had passive radon control systems installed during construction since 2005
- **Are There Any State Level Requirements or Laws Regarding Radon in Kansas?**
  - As of July 1, 2009, all residential real property contracts must contain a specific paragraph recommending radon testing in real estate transactions and disclosure of radon test results. There are currently no legal requirements to test or to reduce elevated indoor radon levels
  - As of July 1, 2011, all professionals offering radon services (measurement, mitigation or laboratory services) must be certified by KDHE, and follow KDHE-adopted standards of practice
    - If radon testing is being conducted in conjunction with a real estate contract, **ONLY** KDHE-certified measurement professionals can perform those tests
- **Are There Any Local Laws Regarding Radon in Kansas?**
  - Manhattan (2001), Topeka (2006), Lawrence (2007), Salina (2013) and Junction City (2015) have passed building code ordinances requiring the use of radon-resistive techniques in new one and two family residential construction

**2016 Kansas Radon Average Values  
by County**



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