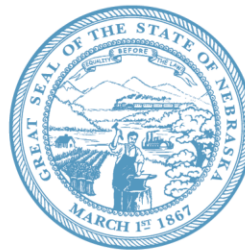


NEBRASKA

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DEPT. OF HEALTH AND HUMAN SERVICES



Jim Pillen, Governor

January 1, 2025

Mr. Brandon Metzler
Clerk of the Legislature
P.O. Box 94604
Lincoln, NE 68509

Subject: Radon Measurement Report

Dear Mr. Metzler:

In accordance with Neb. Rev. Stat. § 76-3507, please find attached a copy of the 2024 Annual Report on Number of radon tests conducted and average radon level by county. This report lists the number of radon tests submitted in each county and the average radon level in Nebraska from October 1, 2019 to September 30, 2024.

Sincerely,

A handwritten signature in blue ink that reads "Charity Menefee".

Charity Menefee
Director, Division of Public Health

Attachment

Division of Public Health

Radon Measurement Report

January 2025

Neb. Rev. Stat. § 76-3507

Nebraska Radon Program

Report on Number of Radon Tests Conducted and Average Level by County

This report lists the average radon concentration in each county in Nebraska. It is important to note that there is no known safe level of radon, and that testing is the only way to know what the actual radon level is at a particular address. The Environmental Protection Agency (EPA) recommends that indoor radon levels of four pCi/L or above be mitigated.

The Nebraska Radon Program, located in the DHHS Division of Public Health, regulates the radon industry in Nebraska. Individuals and businesses conducting radon measurement and mitigation activities are required to be licensed and must report those activities on a monthly basis into an online data collection system.

This report presents the average radon levels for each county, the number of buildings tested, and the total number of radon tests conducted over the five-year period from October 1, 2019, to September 30, 2024. Data presented include only radon tests reported as pre-mitigation tests (i.e., levels unaffected by mitigation efforts). To improve reporting accuracy and minimize bias, the methodology was updated this year for determining the average radon concentration. The average radon concentration in each county was calculated by averaging the radon concentration from all buildings tested in the county, rather than the average of individual test results. This adjustment helps prevent the distortion of county averages due to a disproportionate number of tests conducted in large buildings.

Pre-Mitigation Radon Levels, October 1, 2019, to September 30, 2024

Average Radon Levels Exceeding 2.7 pCi/L are highlighted.

| County | Total Number of Measurements | Average Radon Level (pCi/L) |
|---------------|-------------------------------------|------------------------------------|
| Adams | 882 | 4.8 |
| Antelope | 193 | 5.9 |
| Arthur | 0 | NA |
| Banner | 9 | 4.3 |
| Blaine | 1 | 0.5 |
| Boone | 49 | 7.6 |
| Box Butte | 307 | 3.3 |
| Boyd | 30 | 8.6 |
| Brown | 14 | 2.4 |
| Buffalo | 1635 | 4.3 |
| Burt | 193 | 10.6 |
| Butler | 290 | 6.7 |
| Cass | 706 | 8.0 |

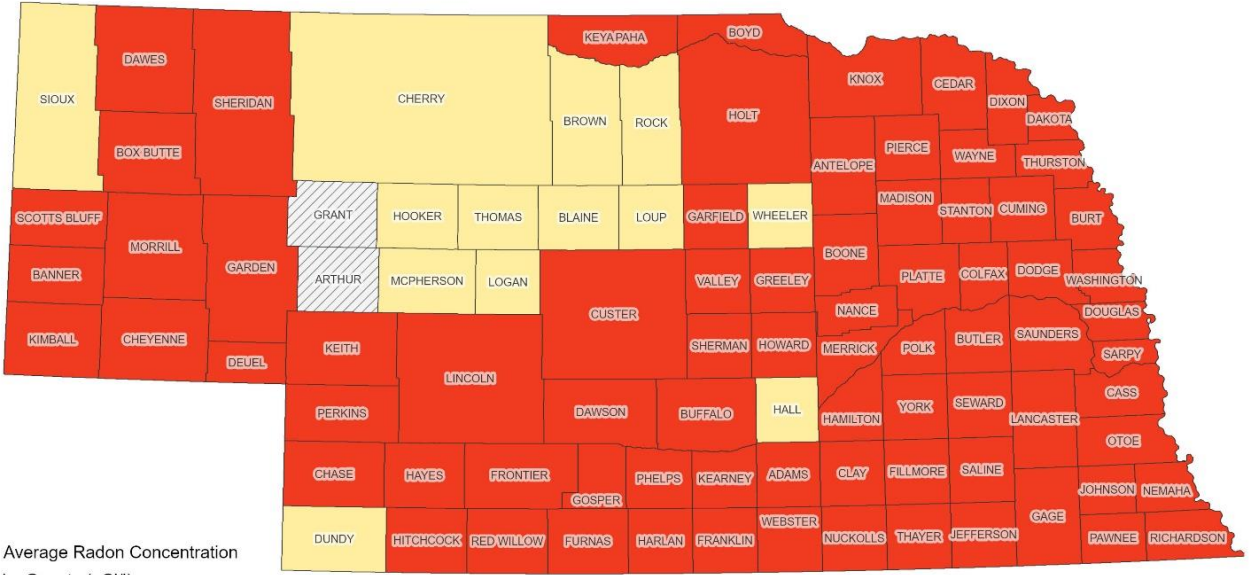
| County | Total Number of Measurements | Average Radon Level (pCi/L) |
|---------------|-------------------------------------|------------------------------------|
| Cedar | 474 | 8.8 |
| Chase | 32 | 4.2 |
| Cherry | 55 | 1.7 |
| Cheyenne | 336 | 3.9 |
| Clay | 213 | 8.0 |
| Colfax | 96 | 7.0 |
| Cuming | 274 | 7.1 |
| Custer | 93 | 4.5 |
| Dakota | 646 | 5.3 |
| Dawes | 169 | 4.5 |
| Dawson | 285 | 2.8 |
| Deuel | 30 | 4.0 |
| Dixon | 144 | 9.1 |
| Dodge | 922 | 5.3 |
| Douglas | 19027 | 4.8 |
| Dundy | 8 | 2.4 |
| Fillmore | 180 | 7.3 |
| Franklin | 36 | 6.4 |
| Frontier | 30 | 5.6 |
| Furnas | 65 | 5.1 |
| Gage | 689 | 8.4 |
| Garden | 22 | 3.0 |
| Garfield | 32 | 4.1 |
| Gosper | 54 | 5.6 |
| Grant | 0 | NA |
| Greeley | 29 | 4.9 |
| Hall | 1305 | 2.7 |
| Hamilton | 373 | 5.9 |
| Harlan | 43 | 5.4 |
| Hayes | 8 | 6.0 |
| Hitchcock | 22 | 4.8 |
| Holt | 125 | 3.5 |
| Hooker | 19 | 1.5 |
| Howard | 109 | 3.5 |
| Jefferson | 129 | 4.1 |
| Johnson | 91 | 5.6 |
| Kearney | 158 | 5.2 |
| Keith | 57 | 2.9 |
| Keya Paha | 3 | 5.2 |
| Kimball | 60 | 4.6 |
| Knox | 324 | 6.8 |
| Lancaster | 18944 | 5.3 |

| County | Total Number of Measurements | Average Radon Level (pCi/L) |
|---------------|-------------------------------------|------------------------------------|
| Lincoln | 845 | 2.8 |
| Logan | 6 | 1.7 |
| Loup | 4 | 1.8 |
| Madison | 1572 | 6.3 |
| McPherson | 4 | 2.2 |
| Merrick | 84 | 2.8 |
| Morrill | 24 | 3.5 |
| Nance | 48 | 7.9 |
| Nemaha | 195 | 8.8 |
| Nuckolls | 116 | 6.9 |
| Otoe | 400 | 7.6 |
| Pawnee | 155 | 4.7 |
| Perkins | 19 | 5.8 |
| Phelps | 291 | 4.7 |
| Pierce | 181 | 4.5 |
| Platte | 817 | 4.7 |
| Polk | 106 | 7.2 |
| Red Willow | 359 | 4.7 |
| Richardson | 275 | 6.3 |
| Rock | 12 | 1.0 |
| Saline | 260 | 6.7 |
| Sarpy | 5649 | 5.3 |
| Saunders | 721 | 7.3 |
| Scotts Bluff | 1025 | 4.4 |
| Seward | 664 | 7.4 |
| Sheridan | 38 | 2.9 |
| Sherman | 68 | 6.6 |
| Sioux | 5 | 1.9 |
| Stanton | 84 | 7.8 |
| Thayer | 116 | 5.6 |
| Thomas | 3 | 2.0 |
| Thurston | 24 | 6.5 |
| Valley | 61 | 5.0 |
| Washington | 491 | 6.6 |
| Wayne | 359 | 6.9 |
| Webster | 84 | 7.1 |
| Wheeler | 3 | 0.4 |
| York | 420 | 7.5 |

Data is provisional and may be revised.
Source: DHHS Nebraska Radon Program.

Average Radon Concentrations by County

Data Collections Reported to the Nebraska Radon Program
for October 1, 2019 to September 30, 2024



Average Radon Concentration
by County (pCi/l)

- 0 to 2.7
- 2.8 and higher
- No Tests Reported



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