

NEBRASKA

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DEPT. OF HEALTH AND HUMAN SERVICES



Pete Ricketts, Governor

January 1, 2023

Mr. Patrick O'Donnell
Clerk of the Legislature
State Capitol Room 2028
Lincoln, NE 68509

Dear Mr. O'Donnell:

In accordance with Neb. Rev. Stat. § 76-3507, please find attached a copy of the 2022 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, 2017 to September 30, 2022.

Sincerely,

A handwritten signature in cursive script that reads "Gary J. Anthonie, M.D.".

Gary J. Anthonie, M.D.
Chief Medical Officer
Director, Division of Public Health
Department of Health and Human Services

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Nebraska Radon Program

2022 Annual Report on Number of Radon Tests Conducted and Average Radon Level by County

In May 2019, Neb. Rev. Stat. 76-3507 was enacted, which provided radon resistant new construction requirements to be established in the state building code. This required sections of the International Building Code, the International Residential Code, and the International Existing Building Code to be adopted and to have those standards enforced by a county, city, or village as part of its local building code if they adopt or generally conform to the state building code. Amendment 1107 added language that the Nebraska Department of Health and Human Services (DHHS) Division of Public Health compile results of radon measurements performed in the past five years and report those results to the Nebraska Legislature annually. The report shall also identify each county in which the average radon concentration exceeds two and seven-tenths picocuries per liter of air (pCi/L). This report will list 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 recommends that 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 contains the average radon level in each county and the total number of radon tests recorded for the last five year period from October 1, 2017 to September 30, 2022. This report only includes pre-mitigation radon data (radon levels that have not been affected by mitigation efforts).

Pre-Mitigation Radon Levels, October 1, 2017 to September 30, 2022

Average Radon Levels Exceeding 2.7 pCi/L are Highlighted

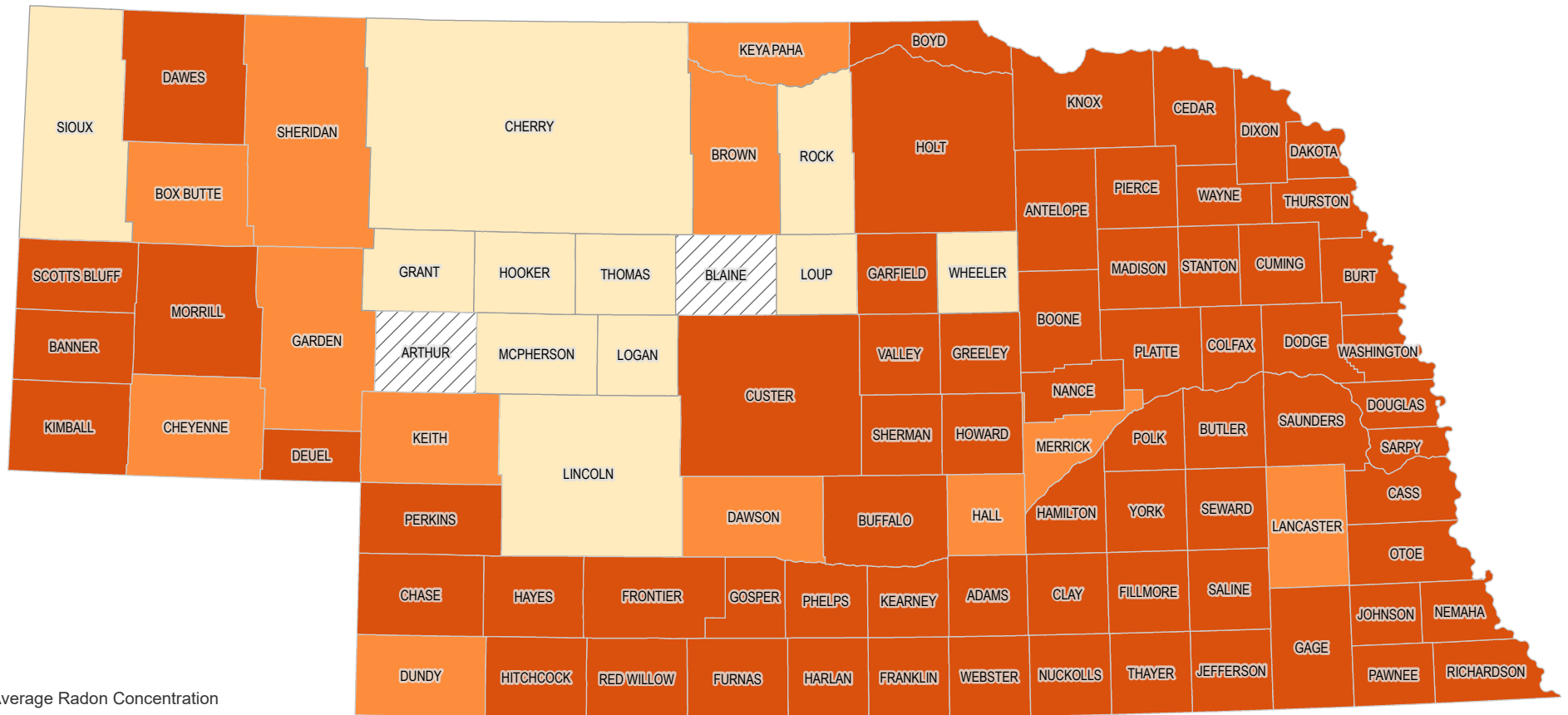
County	Total Number of Measurements	Average Radon Level (pCi/L)
Adams	947	4.5
Antelope	146	6.9
Arthur	0	N/A
Banner	11	5.5
Blaine	0	N/A
Boone	143	5.2
Box Butte	389	3.4

County	Total Number of Measurements	Average Radon Level (pCi/L)
Boyd	33	8.3
Brown	37	3.4
Buffalo	1,796	4.1
Burt	308	9.8
Butler	521	5.7
Cass	844	7.8
Cedar	687	8.3
Chase	56	4.4
Cherry	47	2.6
Cheyenne	389	3.7
Clay	290	6.5
Colfax	141	7.5
Cuming	287	6.6
Custer	125	4.7
Dakota	687	4.1
Dawes	173	5.2
Dawson	362	3.2
Deuel	38	4.9
Dixon	195	9.9
Dodge	1,006	5.4
Douglas	20,864	4.0
Dundy	21	3.7
Fillmore	219	6.8
Franklin	91	5.9
Frontier	32	4.0
Furnas	55	4.8
Gage	719	7.8
Garden	30	3.3
Garfield	55	4.5
Gosper	46	5.0
Grant	9	1.4
Greeley	44	4.6
Hall	1,443	3.0
Hamilton	418	6.3
Harlan	56	5.4
Hayes	9	7.0
Hitchcock	30	4.2
Holt	203	4.1
Hooker	20	2.2
Howard	150	4.1
Jefferson	233	5.7
Johnson	115	6.2
Kearney	230	5.5
Keith	90	3.7

County	Total Number of Measurements	Average Radon Level (pCi/L)
Keya Paha	9	3.8
Kimball	61	5.8
Knox	428	6.0
Lancaster	19,271	3.6
Lincoln	670	2.5
Logan	12	2.6
Loup	1	2.6
Madison	1736	6.1
McPherson	5	2.1
Merrick	116	2.8
Morrill	35	4.4
Nance	81	6.0
Nemaha	282	9.7
Nuckolls	175	7.5
Otoe	494	7.1
Pawnee	180	5.7
Perkins	29	5.0
Phelps	351	5.2
Pierce	212	4.9
Platte	877	4.5
Polk	153	7.3
Red Willow	243	4.9
Richardson	290	6.0
Rock	12	1.2
Saline	328	6.8
Sarpy	6,938	4.9
Saunders	818	6.9
Scotts Bluff	619	4.8
Seward	688	7.0
Sheridan	55	2.9
Sherman	174	5.3
Sioux	3	1.5
Stanton	125	6.7
Thayer	132	6.8
Thomas	7	2.1
Thurston	36	5.2
Valley	90	4.6
Washington	625	6.8
Wayne	403	8.1
Webster	90	6.1
Wheeler	4	1.1
York	518	7.7

Average Radon Concentrations by County

Data Collections Reported to the Nebraska Radon Program
for October 1, 2017 to September 30, 2022



Average Radon Concentration

by County (pCi/l)

- 0 to 2.7
- 2.8 to 3.9
- 4.0 and higher
- No Tests Reported

0 25 50 Miles



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