

# NEBRASKA

Good Life. Great Mission.

DEPT. OF HEALTH AND HUMAN SERVICES



Pete Ricketts, Governor

December 10, 2019

Patrick O'Donnell, Clerk of the Legislature  
State Capitol, Room 2018  
P.O. Box 94604  
Lincoln, NE 68509

RE: 2019 Number of Radon Tests Conducted and Average Level by County Report

Dear Mr. O'Donnell:

In accordance with Neb. Rev. Stat. § 76-3507, please find attached a copy of the 2019 Annual Report on Number of Radon Tests Conducted and Average Radon Level by County. This report describes the work accomplished by the Nebraska Radon Program and lists the number of radon tests submitted in each county and the average radon level in Nebraska during October 1, 2018 to September 30, 2019.

Sincerely,

A handwritten signature in cursive script that reads "Gary Anthone, MD".

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



**NEBRASKA**

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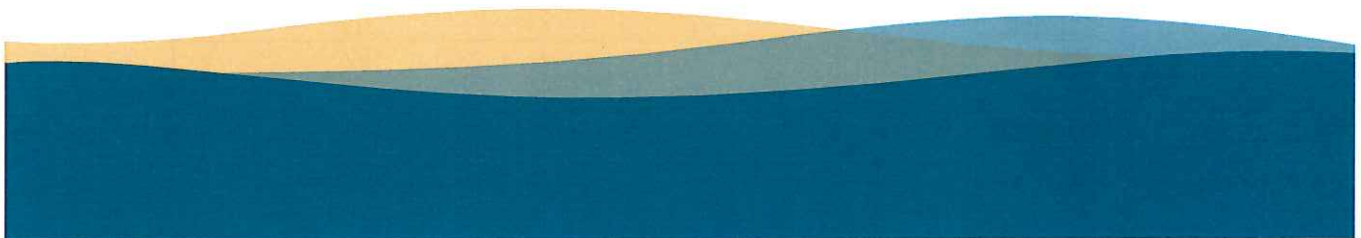
DEPT. OF HEALTH AND HUMAN SERVICES

## **Division of Public Health**

### **Radon Tests Conducted and Average Level by County Report**

**1/1/2020**

§ 76-3507



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

In May 2019, Legislative Bill 130 was passed which provided radon resistant new construction (RRNC) requirements to be established in the state building code. This required sections of the International Building Code (IBC), the International Residential Code (IRC), 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 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. Prior to June of this year, those activity reports had been submitted to the Department to be manually entered by program staff. This included the larger companies and laboratories that report thousands of radon measurements in Nebraska each year. Due to this manner of data collection and staffing shortages, a backlog of radon measurement reports occurred. In an effort to address this issue, a new SharePoint data collection system was developed over a three year period and launched in June of this year that allows businesses to report their radon measurements online. This method of electronic data collection will continue to be refined and combined with the historical data. Additional staff have been approved to address the backlog of radon data and are currently in the process of loading the information. In order to fulfill the reporting requirement to the legislature, a decision was made that for this first report, the program would provide a snapshot of the radon levels in each county for the twelve month period of October 1, 2018 to September 30, 2019. Subsequent reports will include the average radon level of each county based on data collected over the previous five years.

*October 1, 2018 to September 30, 2019*

*Average Radon Levels Exceeding 2.7 pCi/L are Highlighted*

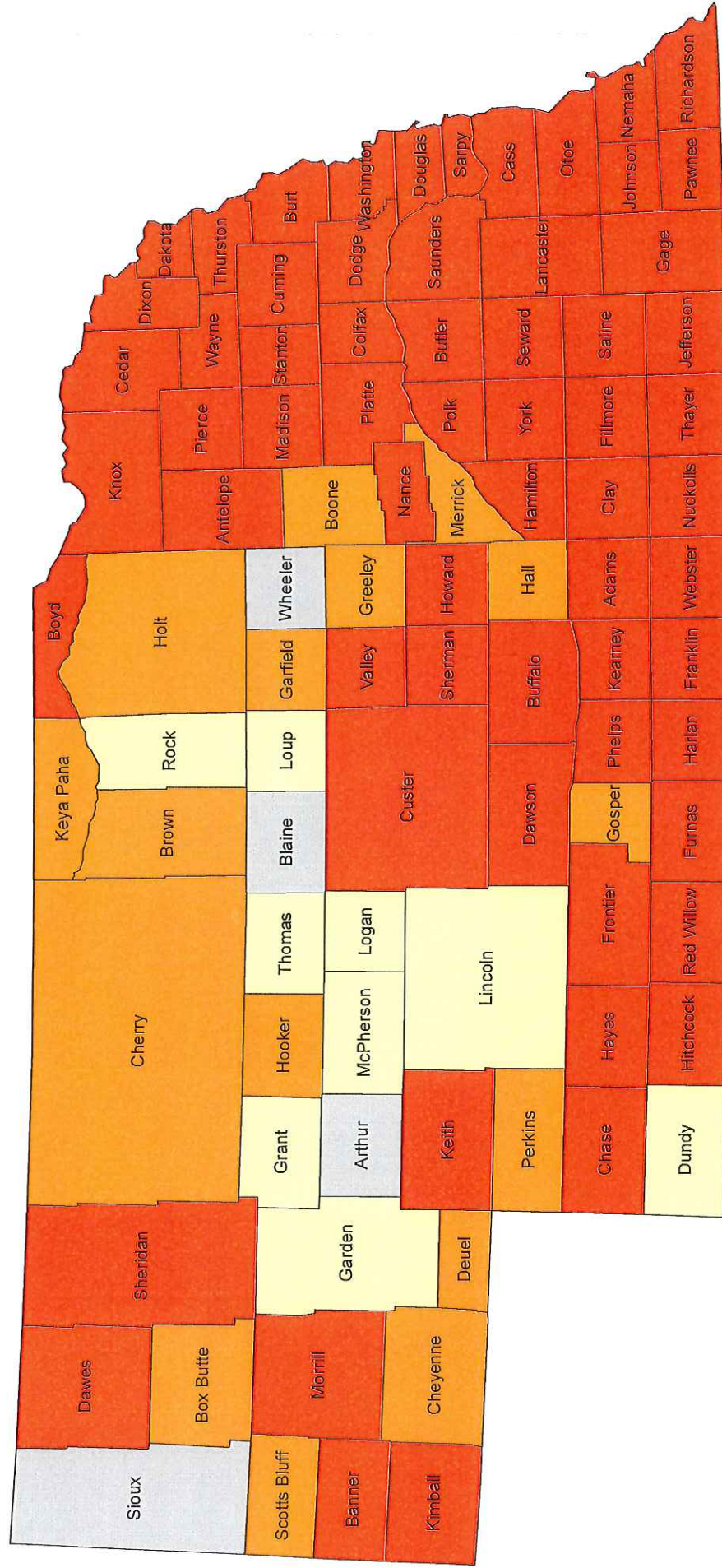
County	Total Number of Tests	Average Radon Level (pCi/L)
Adams	205	5.1
<b>Antelope</b>	48	5.2
Arthur	0	N/A
<b>Banner</b>	2	7.7
Blaine	0	N/A
<b>Boone</b>	89	2.9
Box Butte	110	3.2
<b>Boyd</b>	3	7.9

Brown	5	3.5
<b>Buffalo</b>	505	4.1
Burt	94	8.4
<b>Butler</b>	86	5.3
Cass	248	5.2
<b>Cedar</b>	265	8.5
Chase	18	5.2
<b>Cherry</b>	10	3.8
Cheyenne	158	3.9
<b>Clay</b>	56	7.2
Colfax	47	6.0
<b>Cuming</b>	40	9.3
Custer	38	4.4
<b>Dakota</b>	160	6.4
Dawes	39	5.5
<b>Dawson</b>	80	4.3
Deuel	8	3.8
<b>Dixon</b>	48	9.0
Dodge	329	5.3
<b>Douglas</b>	5218	4.3
Dundy	7	2.0
<b>Fillmore</b>	46	8.6
Franklin	33	6.0
<b>Frontier</b>	7	4.0
Furnas	8	5.0
<b>Gage</b>	235	7.0
Garden	9	2.7
<b>Garfield</b>	21	3.7
Gosper	9	2.8
<b>Grant</b>	3	1.8
Greeley	11	3.2
<b>Hall</b>	376	3.5
Hamilton	90	6.5
<b>Harlan</b>	19	6.1
Hayes	2	7.2
<b>Hitchcock</b>	14	4.2
Holt	33	3.6
<b>Hooker</b>	5	3.2
Howard	40	6.7
<b>Jefferson</b>	67	8.1
Johnson	31	4.8
<b>Kearney</b>	69	5.0
Keith	22	5.2
<b>Keya Paha</b>	4	3.0
Kimball	24	6.0
<b>Knox</b>	94	7.9
Lancaster	4310	4.4

<b>Lincoln</b>	177	2.7
Logan	3	1.8
<b>Loup</b>	1	2.6
Madison	425	5.5
<b>McPherson</b>	2	2.0
Merrick	32	3.0
<b>Morrill</b>	11	4.9
Nance	15	6.2
<b>Nemaha</b>	70	7.2
Nuckolls	59	6.4
<b>Otoe</b>	160	6.1
Pawnee	26	7.7
<b>Perkins</b>	11	3.8
Phelps	94	5.5
<b>Pierce</b>	47	4.6
Platte	199	4.8
<b>Polk</b>	39	6.5
Red Willow	66	5.8
<b>Richardson</b>	46	8.9
Rock	1	0.3
<b>Saline</b>	88	6.5
Sarpy	2104	4.9
<b>Saunders</b>	230	6.8
Scotts Bluff	164	3.8
<b>Seward</b>	202	5.6
Sheridan	14	5.5
<b>Sherman</b>	97	4.8
Sioux	0	N/A
<b>Stanton</b>	116	4.2
Thayer	58	7.2
<b>Thomas</b>	1	2.1
Thurston	36	6.3
<b>Valley</b>	24	6.0
Washington	184	6.2
<b>Wayne</b>	192	6.7
Webster	23	6.5
<b>Wheeler</b>	0	N/A
York	101	8.0





# Average Radon Concentrations by County

Data Collections Reported to the Nebraska Radon Program for October 1, 2018 to September 30, 2019



## Legend

### Average Radon Concentrations by County (pCi/l)

-  No tests reported
-  2.7 and Below
-  2.8 - 3.9
-  4.0 and Above

