

# NEBRASKA

Good Life. Great Mission.

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DEPT. OF HEALTH AND HUMAN SERVICES



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Good Life. Great Mission.

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Pete Ricketts, Governor

December 29, 2020

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

RE: 2020 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 2020 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 from October 1, 2015 to September 30, 2020.

Sincerely,

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

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



## 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 (Neb. Rev. Stat. 71-6404 and 76-3503 through 76-3505). These changes required Nebraska to adopt specific sections of the International Building Code (IBC), the International Residential Code (IRC), and the International Existing Building Code and require counties, cities, or villages to enforce these standards as part of its local building code if they adopt or generally conform to the state building code.

Amendment 1107 added language that requires the Nebraska Department of Health and Human Services (DHHS) Division of Public Health to 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 testing is the only way to know actual radon levels at a particular address. The Environmental Protection Agency recommends mitigation efforts at radon levels of four pCi/L or above.

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. Radon measurement activities must be reported into a new SharePoint data collection system on a monthly basis, which will continue to be refined and combined with historical data. DHHS staff are working to address the backlog of radon data. Staff have successfully brought the system up-to-date on the last five years of radon measurements. This report contains the average radon measurements performed in each county for the last five year period of October 1, 2015 to September 30, 2020.

October 1, 2015 to September 30, 2020

Average Radon Levels Exceeding 2.7 pCi/L are Highlighted

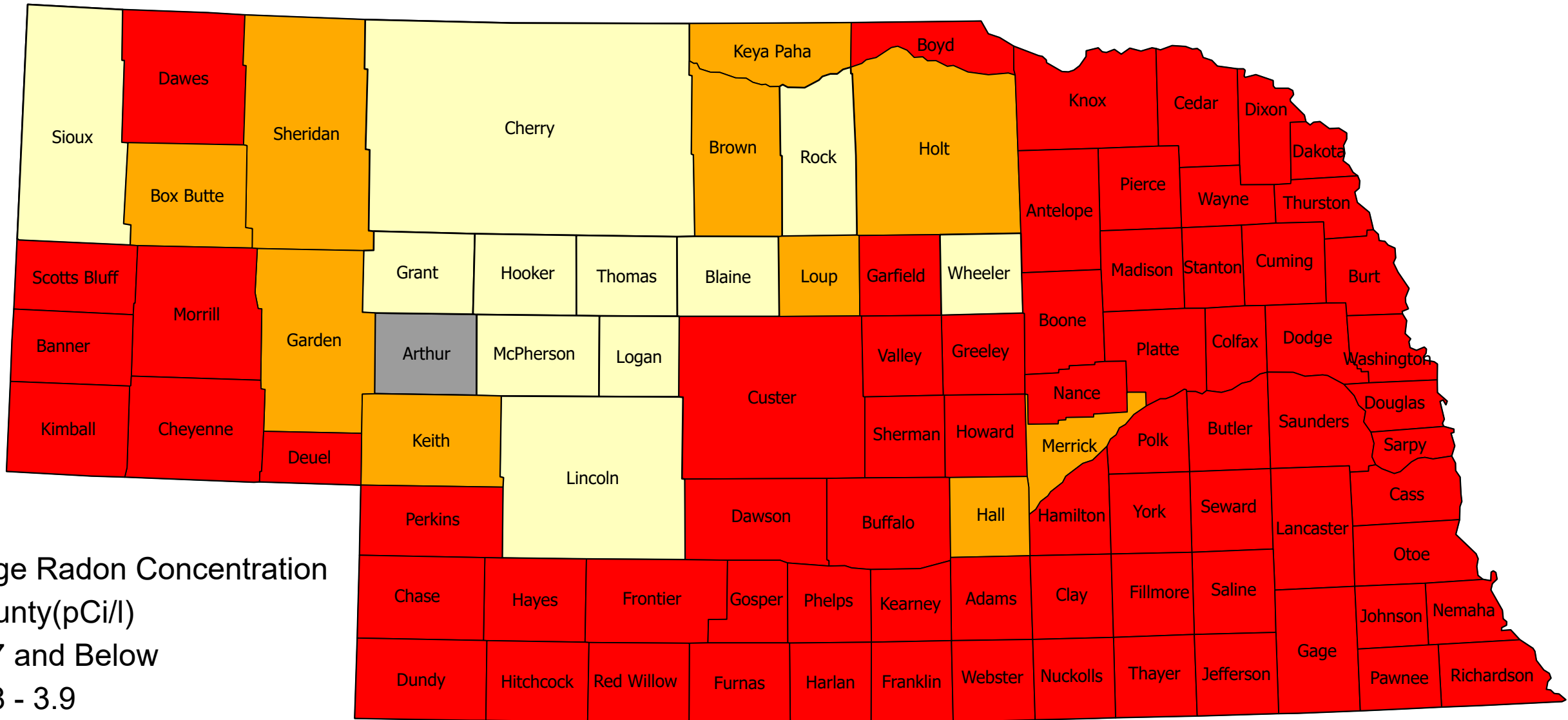
County	Total Number of Tests	Average Radon Level (pCi/L)
Adams	1149	4.9
<b>Antelope</b>	<b>171</b>	<b>6.0</b>
Arthur	0	N/A
<b>Banner</b>	<b>13</b>	<b>5.7</b>
Blaine	1	0.7
<b>Boone</b>	<b>299</b>	<b>5.8</b>
Box Butte	322	3.5
<b>Boyd</b>	<b>38</b>	<b>8.6</b>
Brown	68	3.6
<b>Buffalo</b>	<b>1776</b>	<b>4.7</b>
Burt	414	9.7
<b>Butler</b>	<b>752</b>	<b>7.1</b>
Cass	1103	7.4
<b>Cedar</b>	<b>722</b>	<b>10.7</b>
Chase	61	4.8
<b>Cherry</b>	<b>54</b>	<b>2.6</b>
Cheyenne	336	4.0
<b>Clay</b>	<b>247</b>	<b>7.8</b>
Colfax	255	6.9
<b>Cuming</b>	<b>269</b>	<b>7.1</b>
Custer	131	4.6
<b>Dakota</b>	<b>574</b>	<b>7.3</b>
Dawes	160	5.4
<b>Dawson</b>	<b>398</b>	<b>4.0</b>
Deuel	46	5.7
<b>Dixon</b>	<b>319</b>	<b>10.7</b>
Dodge	1202	5.8
<b>Douglas</b>	<b>21036</b>	<b>4.5</b>
Dundy	23	4.0
<b>Fillmore</b>	<b>192</b>	<b>6.9</b>
Franklin	136	6.4
<b>Frontier</b>	<b>30</b>	<b>5.4</b>
Furnas	77	5.4
<b>Gage</b>	<b>769</b>	<b>7.2</b>
Garden	33	3.7
<b>Garfield</b>	<b>58</b>	<b>4.4</b>
Gosper	55	5.1
<b>Grant</b>	<b>10</b>	<b>1.3</b>
Greeley	58	5.0
<b>Hall</b>	<b>1504</b>	<b>3.2</b>
Hamilton	508	6.9

<b>Harlan</b>	<b>70</b>	<b>5.9</b>
Hayes	9	5.5
<b>Hitchcock</b>	<b>38</b>	<b>4.3</b>
Holt	267	3.9
<b>Hooker</b>	<b>19</b>	<b>2.3</b>
Howard	124	4.8
<b>Jefferson</b>	<b>351</b>	<b>6.8</b>
Johnson	174	6.7
<b>Kearney</b>	<b>268</b>	<b>6.0</b>
Keith	110	3.9
<b>Keya Paha</b>	<b>10</b>	<b>3.9</b>
Kimball	58	6.0
<b>Knox</b>	<b>417</b>	<b>7.0</b>
Lancaster	15858	5.1
<b>Lincoln</b>	<b>863</b>	<b>2.7</b>
Logan	14	2.7
<b>Loup</b>	<b>4</b>	<b>3.0</b>
Madison	1502	6.6
<b>McPherson</b>	<b>7</b>	<b>2.4</b>
Merrick	143	3.0
<b>Morrill</b>	<b>47</b>	<b>5.1</b>
Nance	226	5.9
<b>Nemaha</b>	<b>346</b>	<b>12.4</b>
Nuckolls	219	7.7
<b>Otoe</b>	<b>624</b>	<b>7.3</b>
Pawnee	122	6.6
<b>Perkins</b>	<b>43</b>	<b>5.0</b>
Phelps	404	5.6
<b>Pierce</b>	<b>239</b>	<b>5.5</b>
Platte	1206	5.2
<b>Polk</b>	<b>213</b>	<b>7.6</b>
Red Willow	289	4.7
<b>Richardson</b>	<b>326</b>	<b>8.2</b>
Rock	20	1.7
<b>Saline</b>	<b>405</b>	<b>7.0</b>
Sarpy	8019	5.4
<b>Saunders</b>	<b>957</b>	<b>7.5</b>
Scotts Bluff	531	5.3
<b>Seward</b>	<b>877</b>	<b>7.4</b>
Sheridan	81	3.5
<b>Sherman</b>	<b>185</b>	<b>5.1</b>
Sioux	1	0.3
<b>Stanton</b>	<b>131</b>	<b>6.4</b>
Thayer	146	7.5
<b>Thomas</b>	<b>9</b>	<b>2.5</b>
Thurston	49	7.7

<b>Valley</b>	<b>122</b>	<b>4.7</b>
Washington	912	7.2
<b>Wayne</b>	<b>534</b>	<b>9.0</b>
Webster	125	6.6
<b>Wheeler</b>	<b>8</b>	<b>1.5</b>
York	714	8.1

# Average Radon Concentrations by County

Data Collections Reported to the Nebraska Radon Program for October 1, 2015 to September 30, 2020



Average Radon Concentration  
by County(pCi/l)

2.7 and Below

2.8 - 3.9

4.0 and Above

No Tests Reported