

South Carolina Average In-home Radon Concentrations from SC Radon Program Testing

To reduce the lung cancer risk from radon, EPA recommends that all homes be tested, and that homeowners consider mitigation when the average of two radon tests is 4.0 picocuries per liter (pCi/L) or higher. (Radon levels below 4.0 pCi/L still carry some risk.) The results below were compiled from tests done by homeowners, using test kits provided by the S.C. Department of Health and Environmental Control (DHEC), and represent initial tests for homes not been previously mitigated for radon through June 30, 2021. DHEC cannot guarantee that the kits were used under appropriate testing conditions or that the information is without error.

County	Number of Homes Tested	Average Result	Highest Test Result
Abbeville	69	1.8	14
Aiken	783	1.9	74.7
Allendale	3	0.6	1.3
Anderson	678	1.7	38
Bamberg	8	1.1	4
Barnwell	26	0.8	1.7
Beaufort	198	1	11.6
Berkeley	112	1	6.7
Calhoun	28	0.9	3.2
Charleston	382	1	17.3
Cherokee	145	3	29.3
Chester	21	0.9	3.4
Chesterfield	17	0.8	2
Clarendon	20	1.2	3
Colleton	22	0.7	3.8
Darlington	142	0.7	4
Dillon	32	0.6	1.8
Dorchester	113	1	12.3
Edgefield	32	1.8	8
Fairfield	66	1.6	9.8
Florence	86	0.7	6.9
Georgetown	42	0.6	2.2
Greenville	5,075	3.4	126.6
Greenwood	193	1.3	10.7
Hampton	9	0.5	0.9
Horry	196	0.8	6.4
Jasper	11	0.7	1.4
Kershaw	144	1	9
Lancaster	378	2.4	17
Laurens	276	1.9	19.2
Lee	11	0.6	1.4
Lexington	1,267	1.7	49.5
Marion	17	1	2.3
Marlboro	18	1	2.5
McCormick	27	2.2	11.2
Newberry	104	1.4	15.7
Oconee	1,003	5	37.1
Orangeburg	102	1	4.9
Pickens	688	3	48.1
Richland	1,391	1	46.4
Saluda	31	1.6	5.9
Spartanburg	1,098	2.6	41
Sumter	89	1.3	4.4
Union	39	1.6	10.7
Williamsburg	20	0.9	2.9
York	415	2.2	22.4