

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, 2022. 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	71	1.9	14.0
Aiken	803	1.9	74.7
Allendale	3	0.6	1.3
Anderson	711	1.7	38.0
Bamberg	8	1.1	4.0
Barnwell	26	0.8	1.7
Beaufort	209	1.0	11.6
Berkeley	126	1.0	6.7
Calhoun	28	0.9	3.2
Charleston	418	0.9	17.3
Cherokee	147	3.0	29.3
Chester	21	0.9	3.4
Chesterfield	18	0.7	2.0
Clarendon	23	1.2	3.0
Colleton	25	0.7	3.8
Darlington	144	0.7	4.0
Dillon	33	0.6	1.8
Dorchester	124	1.1	12.3
Edgefield	33	1.8	8.0
Fairfield	69	1.6	9.8
Florence	95	0.7	6.9
Georgetown	44	0.7	2.7
Greenville	5,220	3.4	126.6
Greenwood	199	1.3	10.7
Hampton	10	0.5	0.9
Horry	228	0.8	6.4
Jasper	12	0.7	1.4
Kershaw	156	1.0	9.0
Lancaster	387	2.3	17.0
Laurens	281	1.9	19.2
Lee	12	0.8	3.7
Lexington	1,329	1.7	49.5
Marion	18	1.0	2.3
Marlboro	18	1.0	2.5
McCormick	29	2.2	11.2
Newberry	113	1.4	15.7
Oconee	1,045	5.0	37.1
Orangeburg	110	0.9	4.9
Pickens	726	3.0	48.1
Richland	1,468	1.0	46.4
Saluda	31	1.6	5.9
Spartanburg	1,136	2.6	41.0
Sumter	97	1.2	4.4
Union	43	1.7	10.7
Williamsburg	20	0.9	2.9
York	477	2.2	22.4