



Illinois State Board of Education

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2020 School District Radon Report

Illinois State Board of Education
December 14, 2020
Section 10-20.48 and 34-18.39 of the School Code
(105 ILCS 5/10-20.48 and 105 ILCS 5/34-18.39)

Sections 10-20.48 and 34-18.39 of the School Code require the State Board of Education to report the results from all school districts that have performed radon tests to the General Assembly and Governor every two years. Attached are the testing results the State Board has received from November 2018 through November 2020.

The attachment indicates that 13 school districts submitted radon testing results for 71 schools or other facilities to either the State Board of Education or the Illinois Emergency Management Agency. The 71 facilities utilized 5,157 test kits to test for 4,465 rooms. The duplicate tests are set in the same location as another test to confirm the accuracy of the test kits that were used. Likewise, unopened blank tests are set and submitted for lab analysis along with all of the other test kits to verify that the lot of tests used didn't arrive from the supplier contaminated or already indicating the presence of radon.

The radon measurement results are reported in picoCurie per liter (pCi/L). A pCi/L is 2.22 atomic radon disintegrations per minute for each liter of air. The results of the radon measurements are interpreted to determine the need for additional testing and to assess the quality and confidence of the measurement data. Typically, follow-up measurements will be recommended in every room with results greater than 4.0 pCi/L in accordance with federal Environmental Protection Agency and Illinois Emergency Management Agency recommendations. Of the 4,465 rooms tested, 179 (3.47%) received test results greater than 4.0 pCi/L. St. Charles School District 303 was the only district that submitted retest results for its two facilities that tested greater than 4.0 pCi/L -- Fox Ridge Elementary School and the Transportation and Maintenance Building. Both facilities tested under 4.0 pCi/L when retested.

Attached is the Radon Testing Report for all facilities tested.

School District Radon Test Results
From November 21, 2018 through October 30, 2020
School District Reports to the Illinois State Board of Education (ISBE)
School Business Services

Initial Testing Results

	Year Testing Was Completed	District	School	# of Kits Used	Rooms Tested	# Duplicates	# Blanks	# Tests ≥ 4.0 pCi/L	% Tests ≥ 4.0 pCi/L	Average Level	Highest Level	Lowest Level		
1	2018	East Aurora School District 131	Administrative Center	33	28	3	2	0	0.00%	0.3	0.6	0.3		
			Allen	83	72	7	4	0	0.00%	0.3	1.3	0.3		
			Bardwell	39	34	3	2	0	0.00%	0.6	1.1	0.3		
			Beaupre	20	17	2	1	0	0.00%	0.4	2.1	0.3		
			Benavides	48	41	4	3	0	0.00%	0.3	0.7	0.3		
			Brady	16	14	1	1	0	0.00%	1	1.5	0.3		
			Buildings and Grounds (Career Center)	30	25	3	2	0	0.00%	0.3	0.9	0.3		
			Child Service Center	63	55	5	3	0	0.00%	0.3	1.1	0.3		
			Cowherd	122	107	9	6	0	0.00%	0.4	2.2	0.3		
			Dieterich	53	46	4	3	0	0.00%	0.4	1.2	0.3		
			Domeier	7	5	1	1	0	0.00%	0.9	1.5	0.7		
			Early Childhood Center	47	40	5	2	0	0.00%	0.3	0.3	0.6		
			East Aurora Extension	21	18	2	1	0	0.00%	0.3	0.3	0.3		
			East Aurora High School	333	291	26	16	0	0.00%	0.5	3.7	0.3		
			Fred Rogers	26	23	2	1	1	3.85%	1.0	4.5	0.3		
			Gates	73	63	6	4	1	1.37%	0.5	4.6	0.3		
			Hermes	79	69	6	4	0	0.00%	0.4	3	0.3		
			Johnson	64	56	5	3	1	1.56%	0.5	6.9	0.3		
			Krug	52	45	4	3	10	19.23%	3.2	7.3	1.8		
			Oak Park	57	49	5	3	1	1.75%	0.8	7.4	0.3		
			O'Donnell	73	63	6	4	0	0.00%	0.3	1.4	0.3		
			Rollins	35	30	3	2	1	2.86%	1.0	6.5	0.3		
			School Service Center	58	50	5	3	15	25.86%	3.5	8.2	0.3		
			Simmons	133	116	11	6	0	0.00%	0.5	2.4	0.3		
			Waldo	38	33	3	2	6	15.79%	3.3	21.7	0.3		
			2	2018	Geneva Community Unit School District 304	Fabyan Elementary	54	47	5	2	1	1.85%	0.1	5.1
Harrison Elementary	98	87				7	4	2	2.04%	1.5	6.4	0.3		
High School	134	116				12	6	0	0.00%	0.3	1.2	0.3		
Mill Creek	51	43				5	3	0	0.00%	0.8	2.6	0.3		
Western Elementary	64	54				7	3	0	0.00%	0.7	2.2	0.3		
Williamsburg	61	52				6	3	0	0.00%	1.4	1.4	0.3		
3	2017	St. Charles School District 303				Administrative Center	23	20	2	1	0	0.00%	1.6	2.1
Anderson Elementary			61	53	5	3	0	0.00%	0.3	0.8	0.3			
Bell-Graham Elementary			63	54	6	3	0	0.00%	0.3	0.8	0.3			
Corron Elementary			64	56	5	3	0	0.00%	0.3	0.8	0.3			
Davis Primary Elementary			46	41	3	2	0	0.00%	0.3	0.5	0.3			
East High School			236	208	17	11	0	0.00%	0.4	1.5	0.3			
Ferson Creek Elementary			64	56	5	3	0	0.00%	0.4	2.5	0.3			
Haines Middle School			103	89	9	5	0	0.00%	0.4	2.0	0.3			
Lincoln Elementary			27	23	3	1	0	0.00%	0.4	0.9	0.3			
Mades-Johnstone School			51	45	4	2	0	0.00%	0.3	0.7	0.3			
Munhall Elementary			64	56	5	3	0	0.00%	0.4	0.9	0.3			
Norris Rec Center			24	21	2	1	0	0.00%	0.3	0.6	0.3			
Thomas Middle School			96	84	9	3	0	0.00%	0.4	3.1	0.3			
Norris Sports Center			34	29	3	2	0	0.00%	0.3	0.7	0.3			
North High School			201	176	16	9	0	0.00%	0.3	0.7	0.3			
Norton Creek School			68	59	6	3	0	0.00%	0.3	0.7	0.3			
Richmond Elementary			63	54	6	3	0	0.00%	0.7	2.6	0.3			
Wasco Elementary			63	54	6	3	0	0.00%	0.7	2.6	0.3			
Wild Rose Elementary			54	45	6	3	0	0.00%	0.6	2.0	0.3			
Wredling Elementary			152	130	15	7	0	0.00%	0.32	0.8	0.3			
Fox Ridge Elementary			64	56	5	3	1	1.56%	0.6	7.6	0.3			
Transportation and Maintenance Building			29	25	3	1	2	6.90%	0.9	5.5	0.3			
4			2019	Waukegan School District 60	WHS Brookside	165	140	17	8	0		0.8	3.5	0.0

DATA BELOW PROVIDED BY Illinois Emergency Management Agency													
5	2017	Oak Lawn Community High School District 229	Oak Lawn Community High School	128	114	9	5	6	4.69%	2.3	19.9	-0.07	
6	2017	Paw Paw School District 271	Paw Paw Elementary School	17	14	2	1	0	0.00%	0.9	1.7	-0.4	
			Paw Paw Junior High School	16	13	2	1	0	0.00%	2.4	3.1	-0.6	
			Paw Paw High School	26	21	3	2	0	0.00%	0.77	1.43	-0.66	
7	2017	Kaneland School District 302	McDole Elementary School	55	45	6	4	0	0.00%	0.79	3.4	-0.649	
			John Shields Elementary School	63	51	7	5	6	9.52%	2.5	6.9	-0.2	
			John Stewart Elementary School	54	45	5	4	0	0.00%	0.7	1.7	-0.5	
			Blackberry Elementary School	51	41	6	4	0	0.00%	0.1	1.9	0.0	
			Kaneland High School	185	167	11	7	2	1.08%	1.78	81.3	-0.7	
8	2018	St. Joseph-Ogden CHSD 305	St. Joseph-Ogden High School	89	73	9	7	27	30.34%	3.68	89.5	-0.6	
9	2018	O'Fallon Township High School District 203	Milburn Campus	83	72	5	6	1	1.20%	0.68	8.2	-1.0	
			OTHS	250	218	21	11	12	4.80%	1.98	23.5	-0.5	
			Transition House	9	7	1	1	0	0.00%	1.6	2.0	1.6	
10	2018	Somonauk CUSD 432	Somonauk High School	42	36	4	2	14	33.33%	4.12	10.91	0.75	
11	2018	Hiawatha School District 426	1 building: Elementary, MS & High School	119	105	10	4	52	43.70%	4.32	14.1	0.36	
12	2018	Ottawa Township HS 140	High School	47	45	2	0	12	25.53%	3.26	11.54	0.99	
13	2018	Richland School District 88A	Elementary School	43	35	5	3	5	11.63%	2.8	7.6	0.9	
Cumulative Results													
Totals				71	5,157	4,465	439	253	179	3.47%			
Averages				72.6	62.9	6.2	3.6	2.5	3.47%	1.0	6.3	0.2	
										pCi/L	pCi/L	pCi/L	

Percent of Rooms ≥ 4.0 30.99%
Percent of Schools with at least one reading ≥ 4.0 30.99%

Retesting Testing Results												
	Year Completed	District	School	Kits Used	Rooms Tested	# Duplicates	# Blanks	# Tests ≥ 4.0 pCi/L	% Tests ≥ 4.0 pCi/L	Average Level	Highest Level	Lowest Level
1	2017	St. Charles School District #303	Fox Ridge Elementary	4	2	1	1	0	0.00%	*	*	*
			Transportation and Maintenance Building	3	1	1	1	0	0.00%	*	*	*

* The report states that all tests came back at less than 0.3 pCi/L