




## **MEMORANDUM**

**TO:** The Honorable JB Pritzker, Governor  
The Honorable Jim Durkin, House Minority Leader  
The Honorable Don Harmon, Senate President  
The Honorable Dan McConchie, Senate Minority Leader  
The Honorable Emanuel "Chris" Welch, Speaker of the House

**DATE:** December 16, 2022

**FROM:** Dr. Carmen I. Ayala   
State Superintendent of Education

**SUBJECT:** Report on Radon Testing Results in Illinois Public Schools

In compliance with Section 10-20.48 and 34-18.39 of the School Code, the Illinois State Board of Education (ISBE) is submitting the attached report containing radon testing results received from Illinois school districts since the previous report dated December 14, 2020.

ISBE received results from three school districts, which conducted tests in eight buildings. Attached are the results as reported.

Should you have any questions regarding this report, please contact Michael Gum, director of School Business Services, at 217-785-8779 or [mgum@isbe.net](mailto:mgum@isbe.net).

**cc:** Secretary of the Senate  
Clerk of the House  
Legislative Research Unit  
State Government Report Center



## **2022 School District Radon Report**

Illinois State Board of Education

December 16, 2022

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. The following page provides the testing results the State Board has received from November 2020 through October 2022.

The attachment indicates that three school districts submitted radon testing results for eight schools or other facilities to either the State Board of Education or the Illinois Emergency Management Agency. The eight facilities utilized 435 test kits to test for 369 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. Twenty-three (6.2%) of the 369 rooms tested had test results greater than 4.0 pCi/L. Geneva Community Unit School District 304 was the only district that submitted retest results. Two of its facilities had tested greater than 4.0 pCi/L; both tested under 0.3 pCi/L when retested.

## School District Radon Test Results

November 1, 2020, through October 31, 2022

Initial Testing Results												
Year 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	2021	Geneva Community Unit School District 304	Administration Building	19	16	2	1	0	0.0%	1.85	3.00	1.30
			Fabyan Elementary School	7	5	1	1	2	28.6%	3.03	4.80	1.80
			Heartland Elementary School	43	37	4	2	0	0.0%	0.42	1.30	0.30
			Geneva Middle School North	105	90	10	5	0	0.0%	0.53	2.30	0.30
			Geneva Middle School South	137	119	12	6	3	2.2%	0.85	6.30	0.30
2*	2022	Springfield School District 186	Enos Elementary School	31	25	4	2	2	6.5%	1.18	8.70	-0.40
			Wilcox Elementary School	39	31	4	4	2	5.1%	1.57	6.36	-0.65
3*	2019	Maroa-Forsyth	Junior High School	54	46	5	3	14	25.9%	3.40	13.40	1.10
Cumulative Results												
<b>Totals</b>			<b>8</b>	<b>435</b>	<b>369</b>	<b>42</b>	<b>24</b>	<b>23</b>	<b>5.3%</b>			
			<b>Averages</b>	<b>54.4</b>	<b>46.1</b>	<b>5.3</b>	<b>3.0</b>	<b>2.9</b>	<b>5.3%</b>	<b>1.60</b>	<b>5.77</b>	<b>0.51</b>
									pCi/L	pCi/L	pCi/L	

\* Data provided by the Illinois Emergency Management Agency

Percentage of rooms with at least one reading ≥4.0      6.2%  
 Percentage of schools with at least one reading ≥4.0      62.5%

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	2021	Geneva Community Unit School District 304	Fabyan Elementary School	5	2	1	2	0	0.0%	**	**	**
			Geneva Middle School South	10	4	4	2	0	0.0%	**	**	**

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