



# In the beginning ...



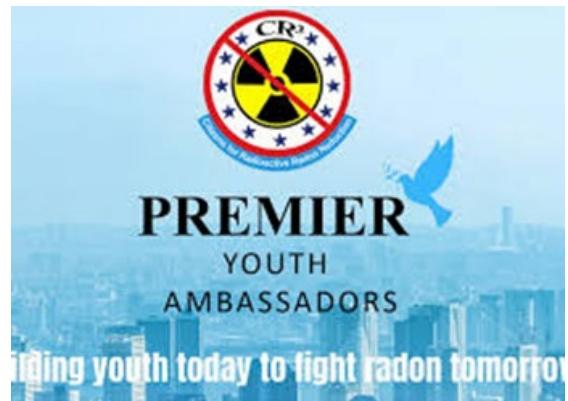
Dear Representative Ortitay,  
Citizens for Radioactive Radon Reduction (CR3) met with you on **March 10, 2020** regarding radon testing in schools.



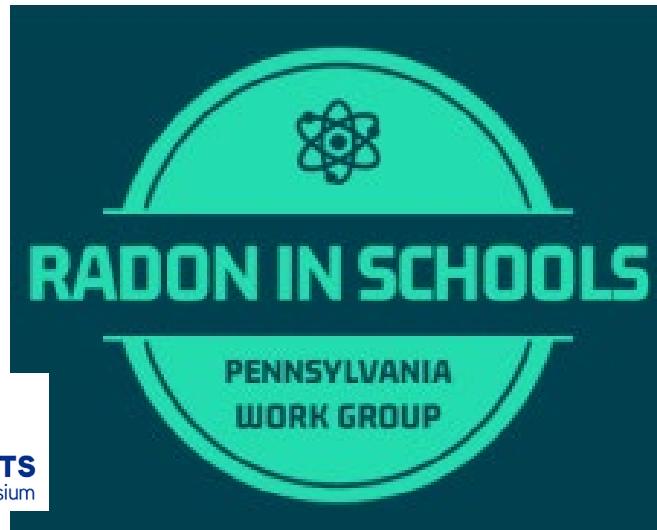
And then ...



At the Capitol ...



2019-2025 and Ongoing

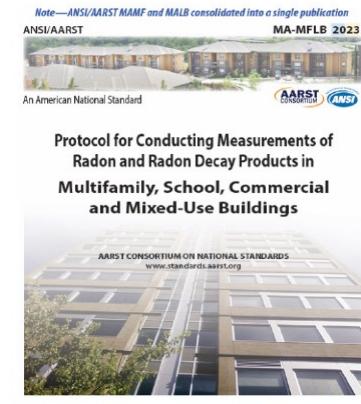


## PA RADON SCHOOL BILLS: MISSION PARTNERS

Presenter: Nate Burden, PA IEA Chapter  
President  
[nateburden@msn.com](mailto:nateburden@msn.com)

# Key Points of the 2 Radon School Bills

**THE BILLS WERE WRITTEN BY IEA MEMBERS- INPUT FROM AARON FISHER, JOHN MALLON, NATE BURDEN, JANE MALONE AND ALA-KEVIN STEWART ALONG WITH THE SENATOR'S AND REPRESENTATIVE'S STAFF**



- Mandatory radon testing for all public K-12 schools in PA in accordance to the **ANSI/AARST MA-MFLB 2023 standard**.
- Testing performed every 5 years for schools with levels below 4.0 pCi/L
- Testing should be performed in the colder months (Oct.-March)
- Schools tested with radon levels 4.0 pCi/L or higher must be mitigated by state certified radon mitigation contractors within 90 days.
- School radon test reports shall be provided to the public and the PA DEP.
- Schools with radon mitigation systems shall be retested and inspected every 2 years.
- Any new public schools being built, shall have radon resistant new construction design/systems built in according to the ANSI/AARST CC-1000-2018-0523.
- **Designed to be a funded mandate included in governor's budget (\$9 million for testing & \$26 million estimated for mitigation for the state). Met with the Governor key staff.**

# 2 Harrisburg capitol building media events: 2023 and 2025.





◀ SB1327

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# Senate Bill 1328

2023-2024 REGULAR SESSION

An Act amending the act of March 10, 1949 (P.L.30, No.14), known as the Public School Code of 1949, in grounds and buildings, providing for radon testing.

## Co-Sponsorship Memo

[Radon Testing in Schools](#)

[Current Text](#)

[Print History](#)

[How to read a bill](#)

## Prime Sponsor



Senator Devlin Robinson

Senate District 37

## Co-Sponsors



Sen. Daniel Laughlin

Senate District 49



Sen. Art Haywood

Senate District 4



Sen. James Brewster

Senate District 45



Sen. John Kane

Senate District 9



Sen. Judith Schwank

Senate District 11



Sen. Nick Miller

Senate District 14



Sen. Katie Muth

Senate District 14



Sen. Rosemary Brown

Senate District 10

# House Bill 289

2025-2026 REGULAR SESSION

An Act amending the act of March 10, 1949 (P.L.30, No.14), known as the Public School Code of 1949, in grounds and buildings, providing for radon testing.

## Co-Sponsorship Memo

[Radon Testing in Schools](#)

[Current Text](#)

[Print History](#)

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## Prime Sponsor



**Representative Tim Briggs**

House District 149

## Co-Sponsors



**Rep. Jason Ortay**

House District 46



**Rep. Jose Giral**

House District 180



**Rep. Carol Hill-Evans**

House District 95



**Rep. Chris Pielli**

House District 156



**Rep. Jim Haddock**

House District 118



**Rep. Robert Freeman**

House District 136



**Rep. Jeanne McNeill**

House District 133



**Rep. Benjamin Sanchez**

House District 153



# PENNSYLVANIA

## The Radon Report Card: Risk and Response

### Population and Lung Cancer



Lung Cancer Deaths:  
6,778



Age-Adjusted Lung Cancer Incidence Rate  
(per 100,000) 60

#### Lung Cancer Cases

10,805

#### Radon-Induced Lung Cancer Cases

3,018

\* Medical Costs (hospital, medicine, doctors) \$607,000,000

\* Economic Costs (lost wages / productivity) \$637,000,000

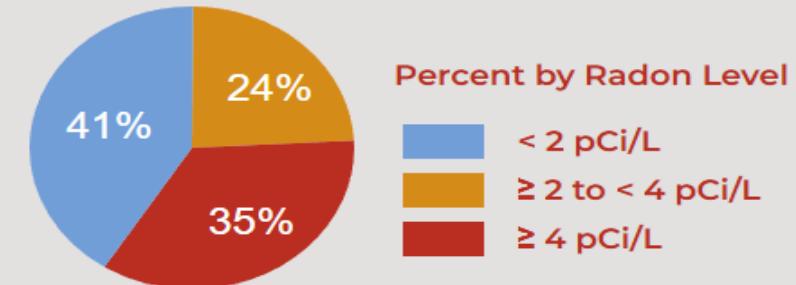
### Statewide Radon Policies

Credential Required	✓	State Certification
Radon Standards in Effect	✓	PA Testing and Mitigation; EPA Schools; ANSI-AARST Multifamily
Homebuyer Protection Required	✓	Disclosure Only
Radon System Requirement for New Homes	✗	No
Type of New Home Where Required		N/A
Standard/Code for Radon System in New Homes		N/A
School Testing Required	✗	No
Radon System Requirement for New Schools	✗	No

### Total Population: 12,800,922

### Buildings and Exposure Potential

Pre-Mitigation Radon Tests: 940,627



#### Percent by Radon Level

- █ < 2 pCi/L
- █ ≥ 2 to < 4 pCi/L
- █ ≥ 4 pCi/L



### Housing Units by Structure Type

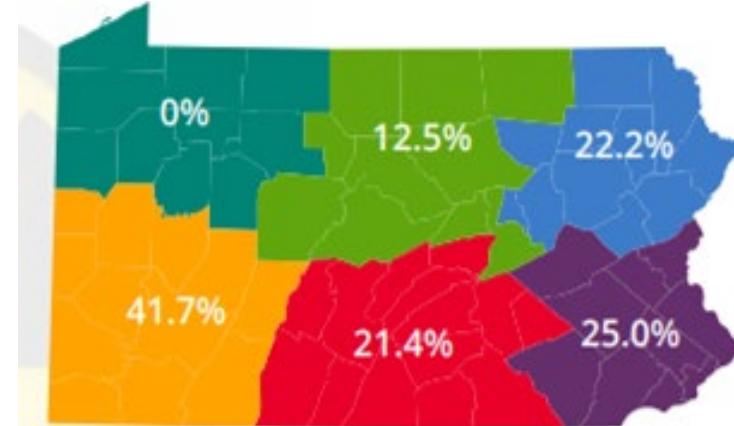
	1 to 4 Units	5 or More Units	Total
Existing	5,004,266	687,557	5,691,823
New	16,442	7,097	23,539



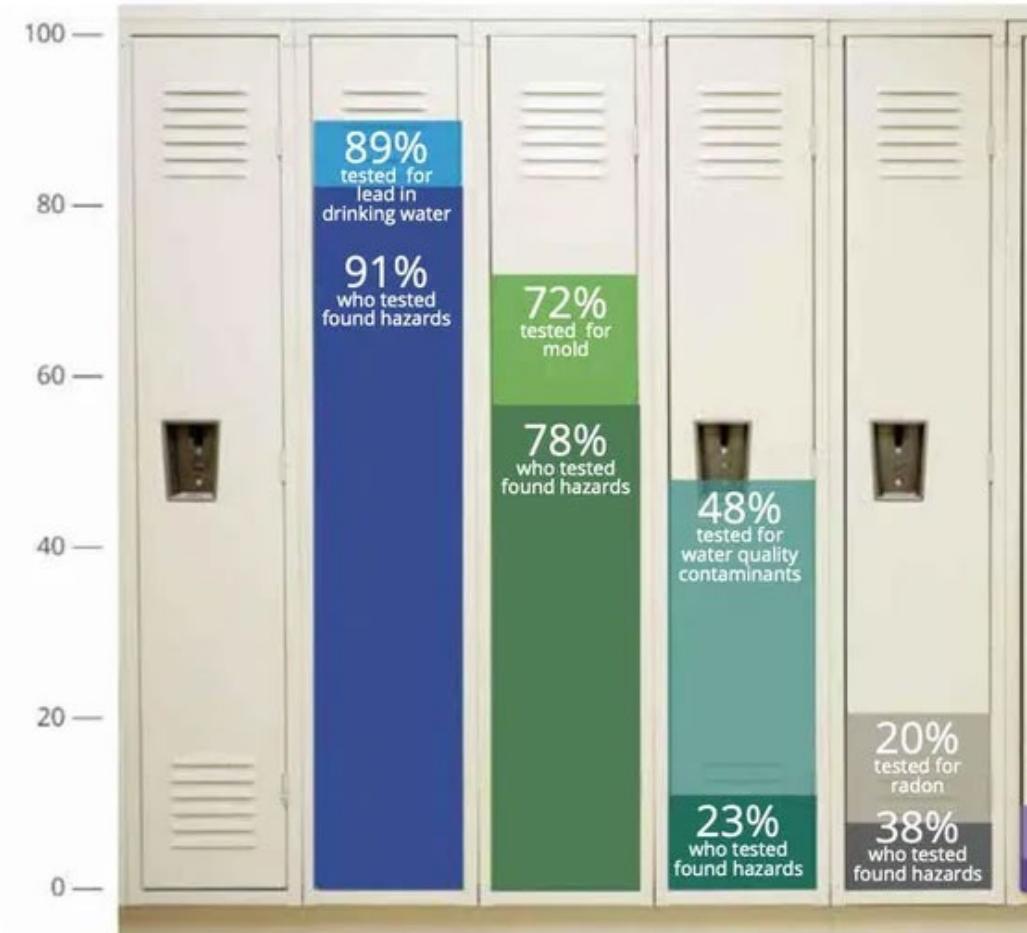
### Public Schools: 2,947

EPA and ANSI-AARST Radon Measurement Standards recommend fixing a building with a radon level  $\geq$  (above or equal to) 4 pCi/L and consider fixing it if any radon level is  $\geq 2$  and  $<$  (below) 4 pCi/L.

# WHE State of Environmental Health in PA Schools (2021)



School District	Testing Occurred	Action Level Exceedance
Avonworth School District	14 March 2019	34 classrooms above 4 pci/L
West Allegheny School District	Not reported	N/A
Moon Area School District	26 April 2018	None above 4 pci/L
<a href="#">Quaker Valley School District</a>	4 January 2018	None above 4 pci/L



# Radon in Schools: A Brief Review of State Laws and Regulations in the U.S. (Sept 2018)

State	% of Counties Designated as EPA Zone 1 or Zone 2 <sup>a</sup>	Radon Test	Time Requirement for Initial Testing	Frequency of Re-Testing	Type of School Covered	Who May Conduct the Testing	New School RRNC Requirement	Mitigation Requirement for Radon Level $\leq 4$ pCi/L
Colorado	100	Required	Within 19 months of occupancy	ND	Yes	Yes	ND	ND
Connecticut	87.5	Required	ND	Every 5 years	Yes	No	No	Yes
Florida	13.4	Required <sup>b</sup>	Within 12 months of occupancy	Twice, 5 years apart	Yes	Yes	No	No
Illinois	100	Recommend	ND	Every 5 years	Yes	No	Yes	No
Iowa	100	Encourage	ND	ND	Yes	No	Yes	No
Minnesota	100	Voluntary	ND	ND	Yes	No	Yes	Yes <sup>c</sup>
New Jersey	85.7	Required	ND	Every 5 years	Yes	No	Yes	No
New York	75.8	Required <sup>d</sup>	ND	ND	Yes	No	No	Yes
Oregon	58.3	Required	ND <sup>e</sup>	Every 10 years	Yes	No	Yes	No
Rhode Island	80	Required	ND	Every three years <sup>f</sup>	Yes	Yes	No	Yes
Tennessee	77.8	Encourage	ND	ND	Yes	No	ND	No
Virginia	71.6	Required	Within 18 months of occupancy	ND	Yes	No	Yes	No
West Virginia	87.5	Required	Within 12 month of occupancy	Every 5 years	Yes	No	No	Yes

ND: Not Defined; SE: School Employees; CP: Certified Professionals. <sup>a</sup>: Based on USEPA Radon Map <https://www.epa.gov/radon/find-information-about-local-radon-zones-and-state-contact-information#radonmaps>. <sup>b</sup>: All schools in continuous use since before 1 July 1994 must test 100% first floor or below grade rooms, 20% second floor rooms, and 10% third floor rooms; For school opened between 1 July 1994 and 30 June 1999 must test 100% first floor; For school opened or structurally changed since 1 July 1999, 20% of ground contact rooms must be tested. <sup>c</sup>: School districts that receive health and safety revenue to conduct radon testing must take re-test after corrective measures that reduce radon levels. <sup>d</sup>: School should review geological potential for radon and to decide if test is necessary. Radon testing is only required for public schools located in Radon Zone 1. <sup>e</sup>: Statewide radon testing in school must be completed on or before 1 January 2021. <sup>f</sup>: If initial testing is  $\leq 4$  pCi/L, 10% of the areas must be re-tested 3 years after; A different 10% of the building must be tested every 3 years thereafter.



# Children are at a greater risk of radon exposure.

1000+ Hours: the average number of hours a child spends in a school building every year.

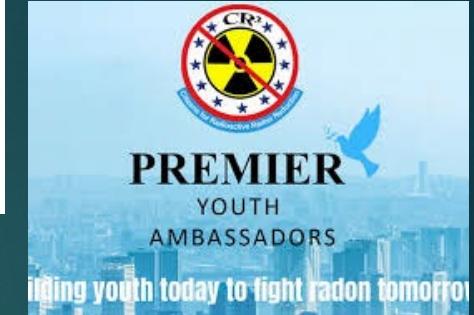


# Actions to Achieved Passing of the Bills

- Presented the radon school bill to the PA DEP RPAC committee (over 60 attendees across the state)
- Due the delay of the Governor PA budget, the group is planning several webinars to the public, teachers, PTA, nurses, PA Cancer Coalition (over 200 members)
- Express purpose is awareness/support of the bills with attendees calling their local representatives.
- Meeting with sponsoring senators and representatives.
- Bills should be introduced by end of the year by the sponsors.
- **The next project is mandatory radon testing of PA childcare facilities.**
- **We will be willing to assist any chapter in starting a school radon bill.**

# CONCLUSION AND CALL FOR ACTION

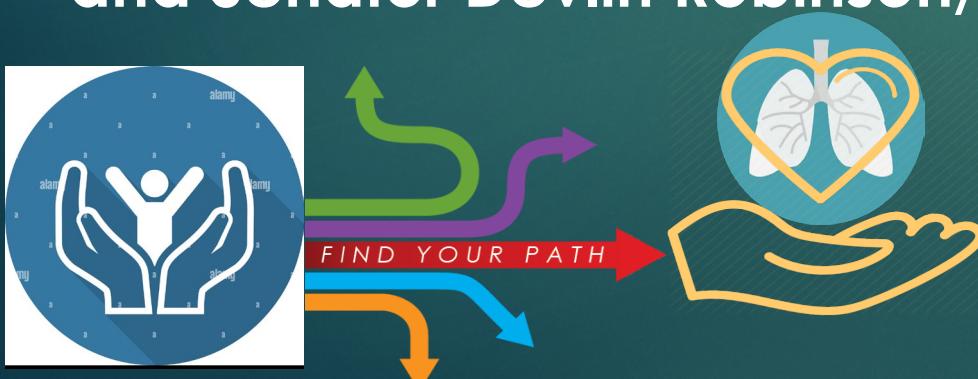
Reach out to your state senators and representatives about these two school bills that require radon testing and mitigation for all PA schools.



RADON RISK REDUCTION FOR OUR PUBLIC SCHOOLS SHOULD BE A “STANDARD OF CARE” MANDATE

**Senate Bill 1328 & House Bill 289**

Thank You Radon in Schools Pennsylvania Workgroup and Senator Devlin Robinson/Rep. Tim Briggs Offices!



Health Equity for our Children:  
Pathway of Prevention

