

Radon Testing via the North Dakota Tobacco Quitline

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Learning Objectives

- Tobacco Quitlines: Brief History
- Offering Radon Tests via ND Quitline
- Key Findings
- Next Steps

Tobacco Quitlines History



- 1992 First Quitline in CA
- 1998 Master Settlement Big Tobacco
- 2004 Quitlines 34 states
- 2006 CDC 50 states, DC & P.R.
- Services:
 - Counseling
 - Nicotine gum, Rx drugs

QuitLines: An Opportunity for Radon Education



1 in 4 smokers exposed to 20 pCi/L radon will get lung cancer

North Dakota



High uranium

+ cold winters

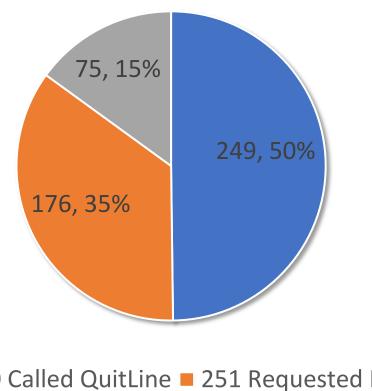
High indoor radon

In ND, 2/3 homes high radon; many > 20 pCi/L.

ND QuitLine

 Callers offered free radon test, 2/2021- 2/2023

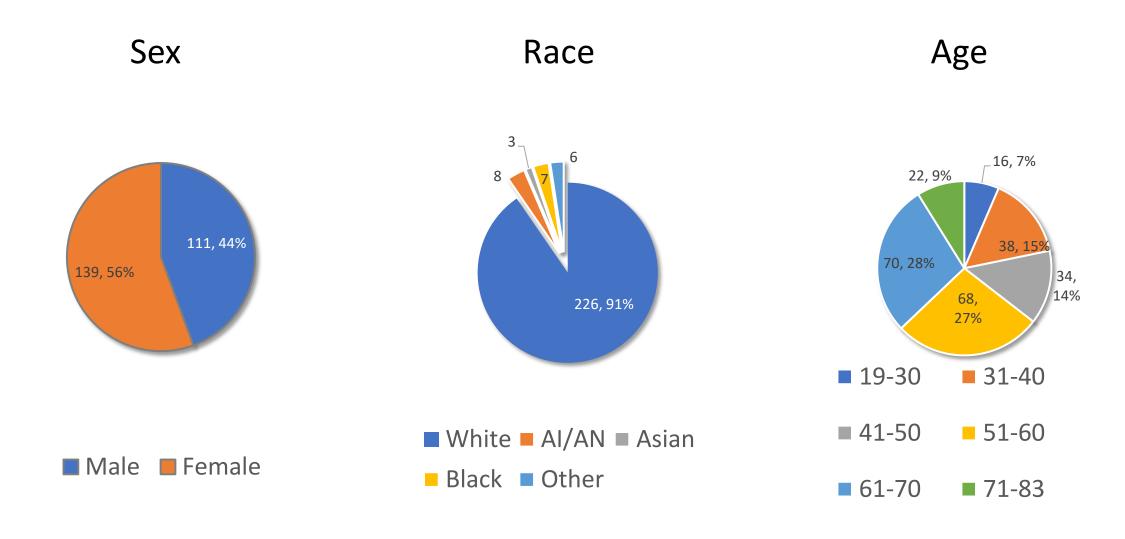
 We measured demographics, interest in, & and test return rate



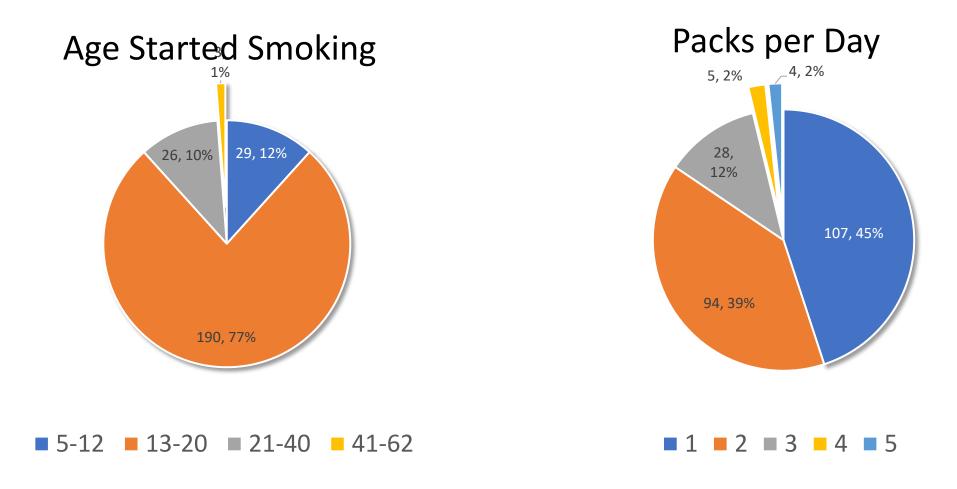
■ 500 Called QuitLine ■ 251 Requested Kit

■ 75 Sent in Kit

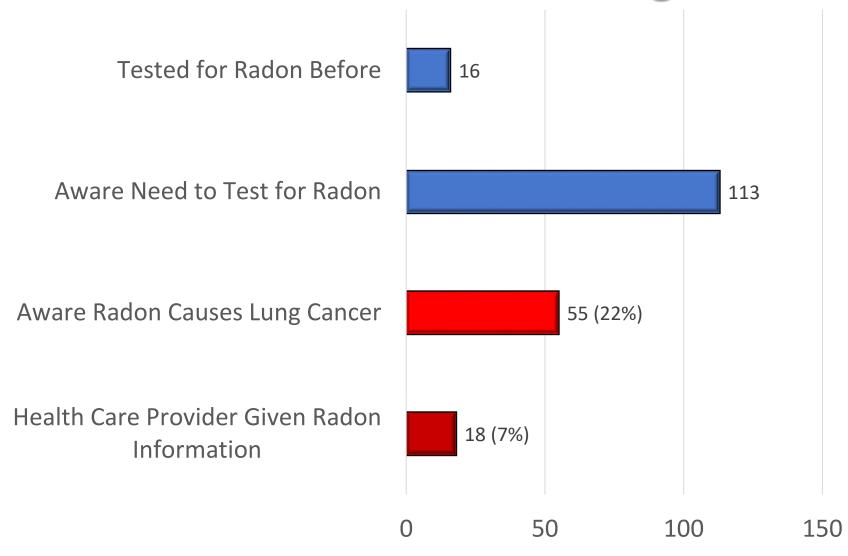
Caller Demographics



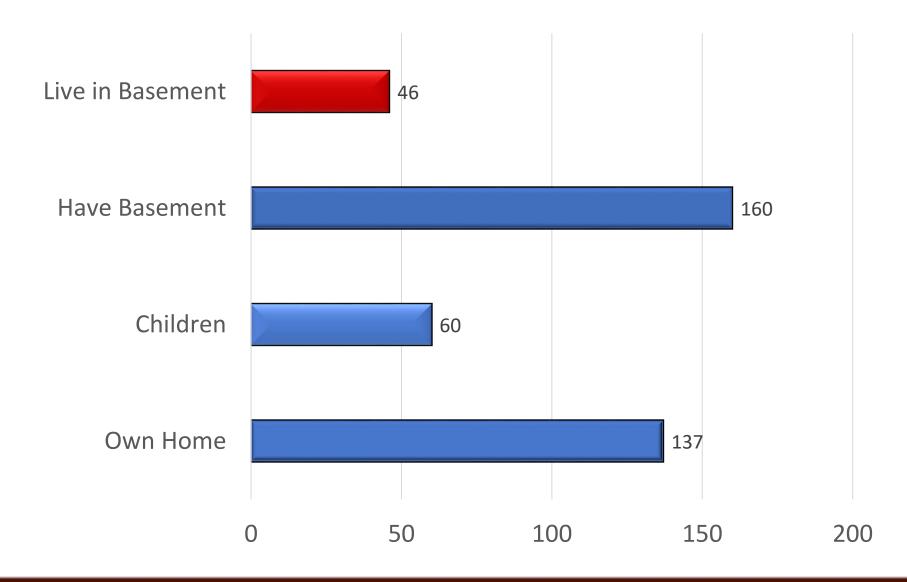
Smoking History



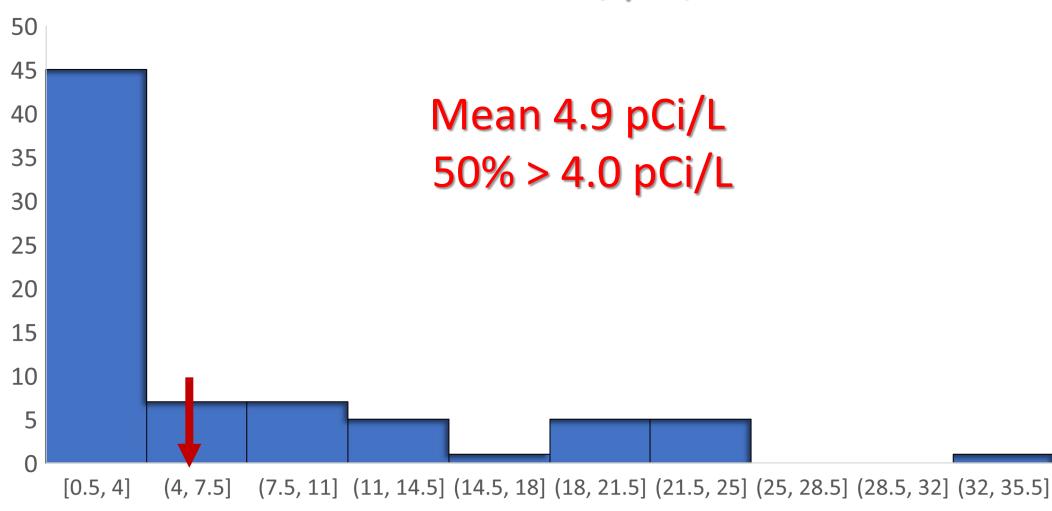
Radon Knowledge

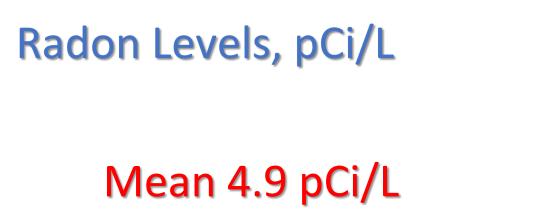


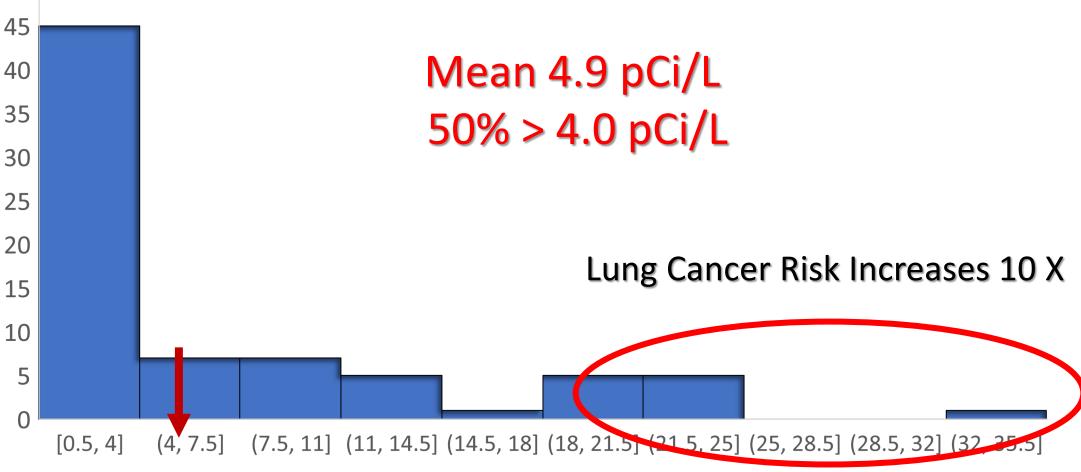
Housing Data





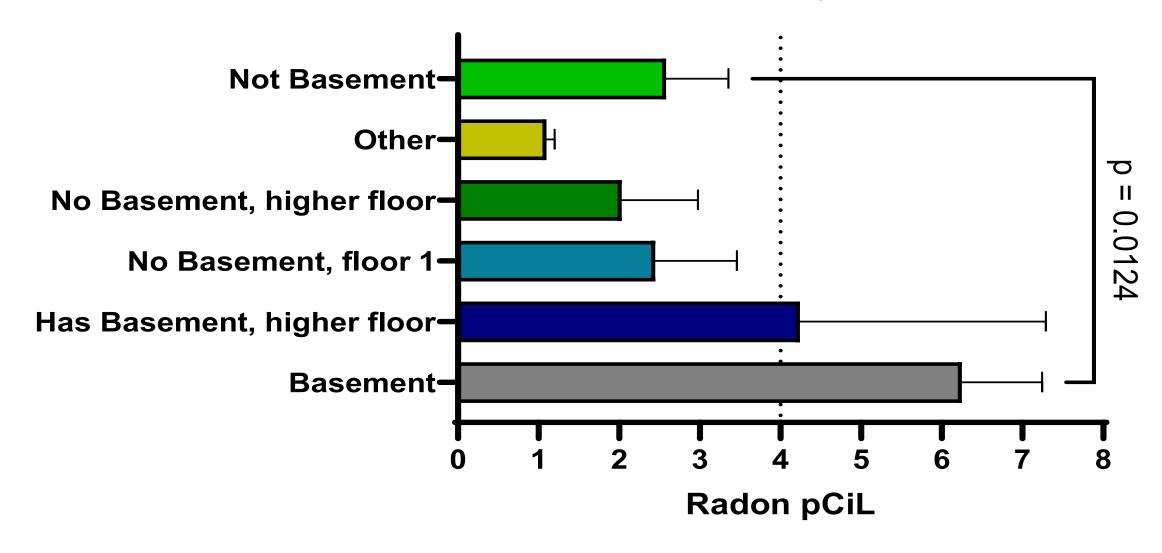






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Radon Level by Location



Radon via ND Quitline: Summary

Of the first 500 callers:

- 50% requested radon test
- Only 1/5 knew radon caused lung cancer
- 30% returned the test to the lab

50% of tests > 4.0 pCi/L

Radon & QuitLine: What's Next?

- This was a feasibility study
- Future callers get test & EPA radon brochures
- To increase test returns, test inexpensive methods:
 - Text messages
 - Post cards
 - Follow-up calls

Take Home Message

- Smokers exposed to radon ↑ lung cancer risk 10 TIMES
- Quitlines exist every state. To our knowledge, none discuss radon
- Quitline radon education & test distribution is feasible

Quitlines should offer radon education, esp. in high radon states

Acknowledgements

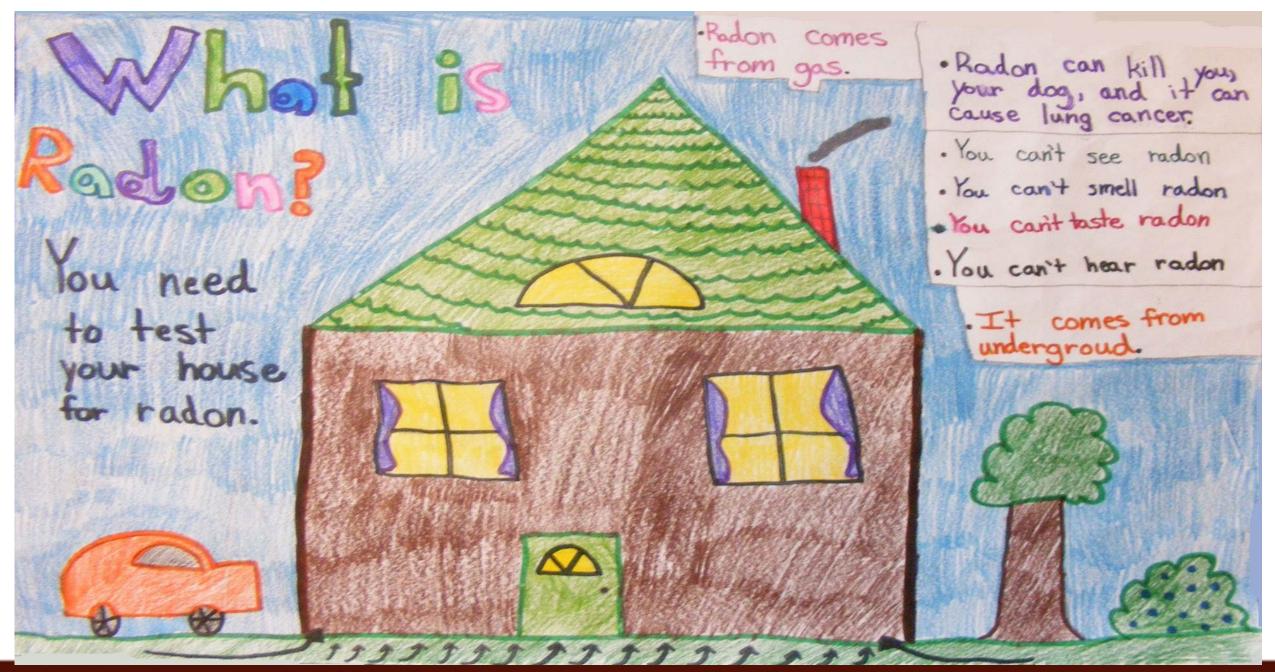


Collaborators

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