

Take Action on Radon Campaign Wrap Up Cross-Canada report and celebration of stakeholders' achievements







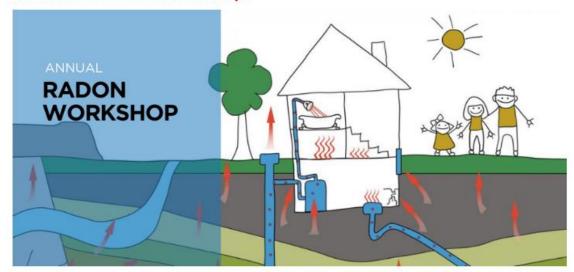
Radon Highlights in BC

BRITISH COLUMBIA LUNG ASSOCIATION

Patient Health Research How support promotion support you ca

Home > Health professional info > Annual Radon Workshop

Annual Radon Workshop



BC Lung Indoor Environment Program

Radon Highlights in ALBERTA

Radon Screening Program with Alberta Public Libraries



Call our Health Information helpline

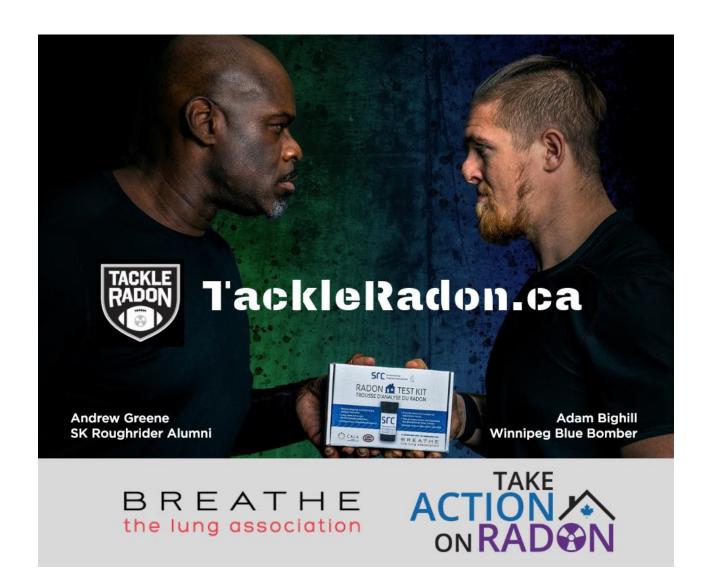
1-888-566-5864

DONATE

The Lung Association is proud to launch a new project called the Radon Screening Program to increase awareness and encourage the public to screen their home!

Thou have currently partnered with two different libraries across the province. Edmonton Dublic

Radon Highlights - Saskatchewan



Radon Highlights - Saskatchewan

Radon



#MyRadonStory

AGENDA - Manitoba

- Scout Environmental:
 - Radon in Schools

Your school is testing for radon. You should too!

The Manitoba School Board Association is working on a two-year plan to test every school across the province for radon gas.

How can you test your own home? It's easy!

Purchase a discounted long-term radon test kit



Follow the instructions and place the radon detector in the lowest occupied level of your home for at least three months



After three months, follow the instructions and return the radon detector to the lab to receive your results



- Radon is a radioactive gas that gets into all homes and buildings.
- It is the #1 cause of lung cancer in non-smokers.

Receive a special offer on your radon test kit now at: takeactiononradon.ca/schools



Ministry of Labour - Testing Small and Large Workplaces

https://www.occupationalcancer.ca/2018/radon-survey-ofworkplaces-in-ontario/



Occupational Cancer

OCRC RESOURCES

BURDEN STUDY

SURVEILLANCE

CAUSATION

INTERVENTIONS

KNOWLEDGE SYNTHESIS

RESEARCH AGENDA

Home > Research > Interventions > Radon Survey of Workplaces in Ontario

RADON SURVEY OF WORKPLACES IN ONTARIO

Status: In Progress

Purpose:

This project investigates the levels of radon in a variety of Ontario workplaces, including public buildings and small to medium sized businesses. The main objective of this study is to collect data to assess where hazardous levels of radon are present in Ontario workplaces in order to target prevention efforts.

Background:

Radon is a naturally-occurring radioactive gas formed by the breakdown of uranium in soil, rock and water. It is invisible and

detected only by radon measurement devices and can accumulate to high levels in enclosed spaces. Radon is responsible for approximately 13% of lung cancer deaths in Ontario and is the second leading cause of lung cancer after smoking. The World Health Organization recommends that radon exposure remain below 100 Bq/m3, while the Health Canada Guideline is 200 Bg/m³.

Radon testing in workplaces has been inconsistent across Canada. A Health Canada study of radon in federal buildings found that approximately 3.8% of the buildings had average radon concentrations above the Health Canada Guideline. In Quebec, radon testing in schools found that 17% of the schools tested above the Guideline. In British Columbia, a study that tested for radon in schools, daycares, hospitals and long-term care facilities and caves was published in 2009. Other than in Uranium mines, research on radon exposure in Ontario workplaces has been very limited. While radon testing was completed in the late 1990s in Ontario fish hatcheries, these results are now outdated and no other



Ontario Home Warranty

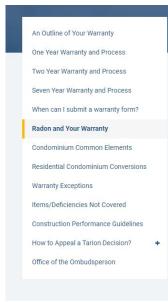
https://www.tarion.com/homeowners/your-warranty-coverage/radon-and-your-warranty

Within the first 7 years, if radon gas within a home exceeds Health Canada's acceptable levels of 200Bq/m³, then Tarion will cover the costs required to mitigate a home up to a limit of \$15,000 using a C-NRPP Mitigation professional.

Process of Making a Claim

In order for radon claims to be accepted, the homeowner must supply test results showing test was conducting properly.





Radon And Your Warranty

Radon is an invisible, odourless, naturally occurring gas found in soil. It seeps into homes through cracks in floors, walls and foundations – access points mainly found in basements. Since radon is naturally occurring, it's found in just about every home.

However, high concentrations of radon in a home may pose health risks. Health Canada says that people exposed to radon levels in excess of 200 Becquerels per cubic metre (becquerels are a unit of measurement for radioactivity) over long periods of time have a higher risk of developing cancer.



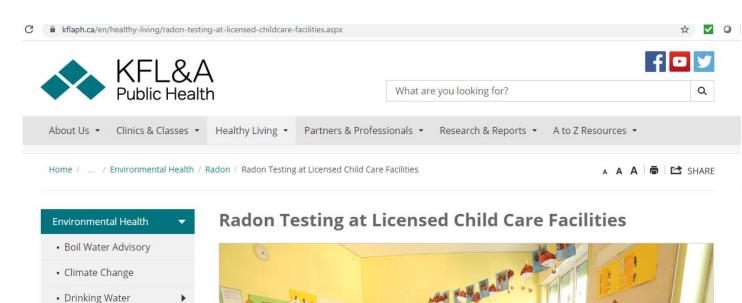
The good news is that the new home warranty in Ontario, provided by your builder and administered by Tarion, provides coverage if excessive radon levels are found in your home.

Ontario is the only jurisdiction in Canada where the builders' warranty on new homes includes radon remediation coverage. The warranty covers remediation of radon gas in excess of 200 Becquerels per cubic metre and coverage lasts for up to seven years

Testing Your Home for Radon

If you are concerned, there are two ways to test for radon: Buy a do-it-yourself radon testing kit or





• Electromagnetic Fields

Floods

Food Premises

Health Hazards

Food Safety

Radon Testing Initiative in Kingston Social Housing



KFL&A Public Health and the City of Kingston Housing & Social Services Department, with support from Health Canada, are sampling radon levels in basement and ground-level social housing units in the City of Kingston and Frontenac County.



https://www.york.ca/

AGENDA - Quebec



https://www.sherbrooke.ca/fr/services-aux-citoyens/subventions-et-aide-financiere/programmes-d-aide-a-la-renovation#centreville

AGENDA - Nova Scotia

NS Lung Association

 Real Estate Continuing Education Course

AGENDA - New Brunswick

- Scout Environmental:
 - Energy Efficiency



ABOUT RADON

There are some levels of radon in every home across Canada and you can't see or smell this radioactive gas.

The only way to know if you have dangerous levels is to test.

HEALTH RISKS

Exposure to high levels of radon is the #1 cause of lung cancer among non-smokers and is linked to over 3,000 lung cancer deaths in Canada each year.

For smokers, exposure to radon can significantly increase your risk of lung cancer.

TEST YOUR HOME

There are two easy and inexpensive options to stay safe:

- Purchase a do-it-yourself long-term test kit.
- 2. Hire a certified radon measurement professional.

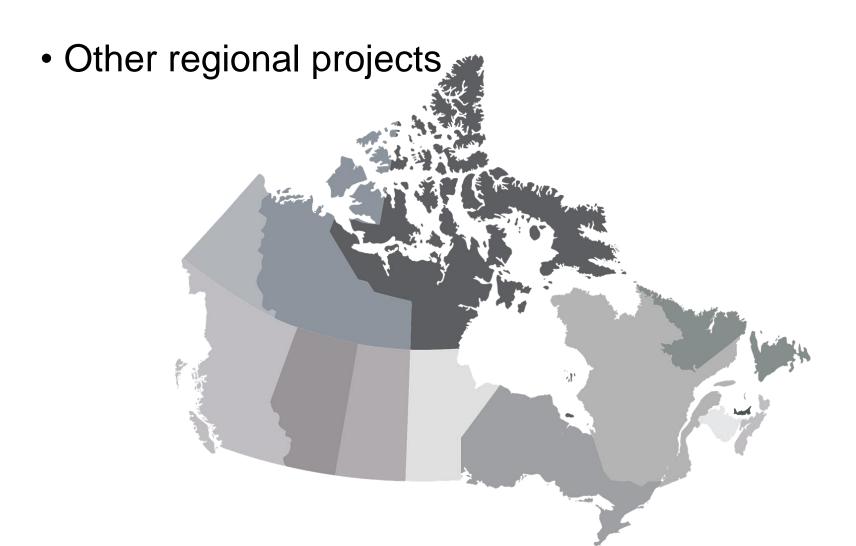
Test between September and April when windows and doors are mostly closed.

If your home is undergoing an energy retrofit, testing should occur after the retrofit is completed to ensure accurate results.

For a special offer of \$5 off a long-term radon test kit, visit:

TakeActiononRadon.ca/Energy

AGENDA – Across Canada



Radon Highlights





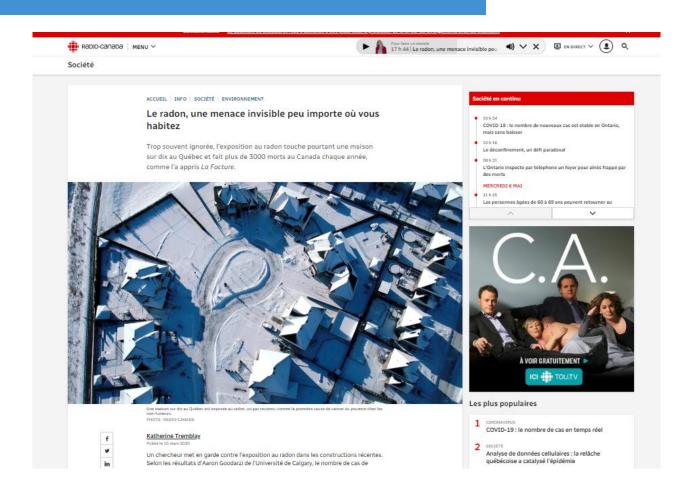
- 1. Sign the pledge to participate.
- 2. Use the toolkit to share information on radon in your workplace.
- 3. Take action by testing for radon.

radonworkplacechallenge.ca

Radon Highlights



- ✓ CARST2020 online
- ✓ Radon Mapping Working Group
- ✓ Updating Radon and Real Estate Resources
- ✓ Worked with Quebec Homeowner
- ✓ Radon Workshop in Halifax
- ✓ Radon Workshop in Sherbrooke



Radon Highlights



- ✓ COIRA Chamber InterComparison Project
- ✓ C-NRPP Homeowner Device Comparison Project
- ✓ Measurement Exam is now online
- ✓ Updating Mitigation Course requirements
- ✓ Develop an online mentorship program for the C-NRPP Mitigation course
- ✓ Improving French resources available
- ✓ Develop Insurance program for professionals
- ✓ C-NRPP Policy Advisory Board



National Initiatives:

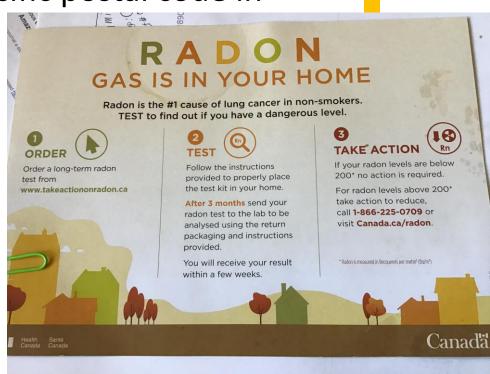
Health Canada

 In January, Health Canada circulated a radon postcard to approximately 1 million households in specific postal code in

high radon areas

Looking at a similar project this fall

Survey



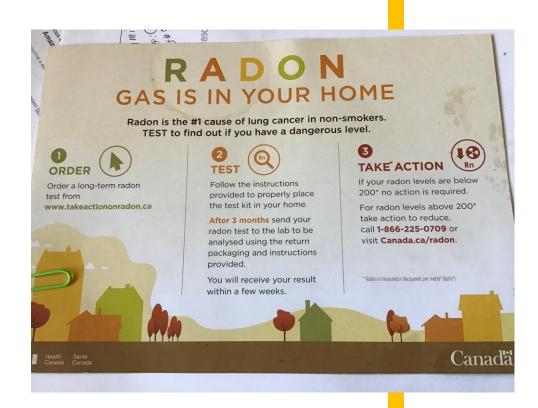
- Survey:
- Did you notice an increase in phone calls, email, website traffic?



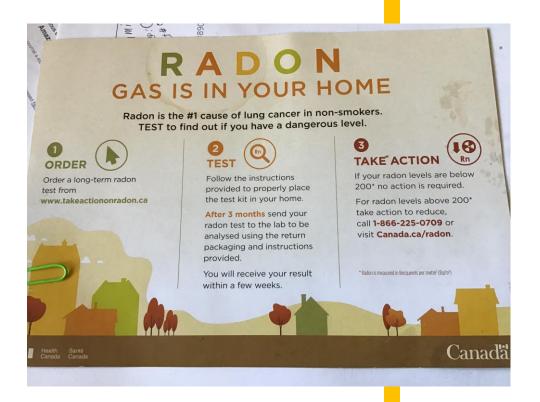
- Survey:
- Did you notice an increase in testing and mitigations through certified professionals?



- Survey:
- How would you describe the feedback you received?



- Survey:
- Would you support this activity in the future – did you find it was effective in increasing awareness and getting people to take action.





Program Goals:

- Recruit, motivate, engage and bring together stakeholders to increase radon awareness and to promote radon action month
- Provide resources and tools
- Promote radon action month
- Create an annual theme
- Engage a celebrity spokesperson
- Increase Canadians testing
- Increase Canadians reducing high levels
- Manage national and regional social media campaign

TAoR Online Presence:

Achieved in 2018	Achieved for 2019	Ideas for 2020
Set up a new website - Sent survey to Stakeholders for input - Launched in September 2018	Edited Home page based on stakeholder feedback: • Added a scrolling banner • Rearranged menu and other links on the front page • Simplified language on site	
	 Amended Radon Test Kit Purchase page: Added "Buy Local" and "Buy Now" buttons Added a map for buy local 	
	 Amended content on site: Added Health Canada produced videos to content pages Added additional stakeholder resources and content which included an option for Homeowners to share their radon data and testimonials Hosted toolkits for Stakeholders 	
Set up Social Media Channels - Twitter - Facebook - Connected to website	 Social Media regular activity on Twitter and Facebook through organic posts; sharing stakeholder posts and interacting with stakeholders and the public online. Responded to comments and questions submitted Provided toolkits for stakeholders 	



TAOR Online Presence:

Hashtag	# tweets in November 2019	# of organizations tweeting
#RadonActionMonth	130	36
#Today4Tomorrow	88	14
#test4radon	17	6

(Other Twitter hashtags were #lungCancer; #radon; #reduceRadon)





TAOR Online Presence:

Measure of Website Activity	November 2019	November 2018	2017 (Entire Year)
Number of unique page views	26,398	54 936	16 026
Number of website users	11,032	22 689	n/a
Average number of pages viewed by website user	2.47	2.23	n/a
Average time spent on site by website users	1:30	1:38	1:30

<u>Source</u>	Percentage of Traffic 2019	Percentage of Traffic 2018
Referral (news sites)	23.5 %	30.22 %
Social Media	7 %	25.66 %
Google Search (paid ads)	-	16.53 %
Direct (typing in url)	34.9 %	14.17 %
Organic Search (search	34.5 %	13.41 %
not using google ads)		





Engagement with Stakeholders

Achieved in 2018	Achieved for 2019	
Webinar based Meetings	Online Communication Eblasts and social media posts	
Developed social media toolkit	Hosted Stakeholder meetings	
Developed a Reduction Sweepstakes toolkit	 Attended Events ABOA and OBOA conference Fraser Valley CHBA BC Lung Association Halifax Workshop Sherbrook Workshop 	
	Provided Funding to other Stakeholder Projects	



Engagement with Stakeholders... E-blast Newsletters

Time Period	Number of General E-blast communications (News Update or Newsletter)	Number of Stakeholders Emailed (on contact list)	Percentage of Contacts who Open the E- blasts
2020	Feb Newsletter	1136	40%
2019	January Wrap-up (bilingual) 2 French National 2 English National (May and Oct) 3 regional eblasts	1112 1085	37% 40 %
2018	5	750	42%
2017 (reference)	Unknown	200	unknown

ACTION OCCUPE Engagement with Stakeholders... schedule of this year's meetings

Description of Meetings	Date
National Campaign Wrap up	May 7, 2020
Information about Campaign Launch – National Meeting	End of August 2020
Regional Meetings – Campaign	End of
Launch	September/Beginning of October
National Launch	November 2020
Wrap-up and Celebration	April/May 2021

Engagement with Stakeholders... Resources





Library Radon Awareness Kit





TAOR Poster (French on reverse)

Additional Resources:

- Sample social media posts
- Sample digital images for online advertising
- Sample community posters (simple easy to change and easy to print)











Postcard (French on reverse)

Stand up banner (Bilingual)

Region	Resources	#
Edmonton	Library Kit (poster plus bookmarks)	10 000 bookmarks
Manitoba	Library Kit (poster plus bookmarks)	3 000 bookmarks
Red Deer	Library Kit	8 x posters & 100 bookmarks
National	Window Clings	150
Various	Postcards	1 000 approximately
Stakeholder	Bookmarks	1 000 approximately
requests	Window Clings	50 approximately
	Lapel Pins	10 approximately







Français

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TEST

PROTECT

LEARN

JOIN

News

Radon Reduction Sweepstakes Report - 2018-2019



The Radon Reduction Sweepstakes is a Canada-wide contest run by Take Action on Radon (TAOR) in conjunction with the Canadian Association of Radon Scientists and Technologists (CARST). The contest provides 10 prizes of up to \$1,000 each to homeowners who have tested their home for radon and used a C-NRPP professional to reduce levels... Read more →

Filed Under: Uncategorised

York Region Public Health's Radon - Test Your Home Study



York Region Public Health completed the Radon - Test Your Home study in 2018. The purpose of the study was to assess York Region residents' awareness of radon and to measure radon levels in approximately 500 York Region homes. Overall, radon levels observed in York Region were relatively low. Almost all homes were below the... Read

Filed Under: Uncategorised

Preparing to talk to the Media - OnDemand Webinar for TAOR Stakeholders and Homeowners

Take Action on Radon has seen an increasing amount of interest from media to include 'real life stories' in their media pieces. In our experience most people have received little training on how to talk with the media and feel more comfortable talking with the media if they have some quick tips from experts. Preparing to... Read more --

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Newsletters Uncategorised

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SEARCH

Recent Posts

York Region Public Health's Radon - Test

Your Home Study

February 26, 2020

Preparing to talk to the Media =

OnDemand Webinar for TAOR

Stakeholders and Homeowners

December 12, 2019

Congratulations Edmonton - Proclaiming

November Radon Action Month

November 1, 2019

Radon Action Month 2019 =

#Today4Tomorrow

October 30, 2019

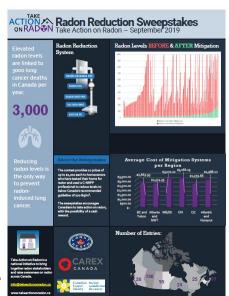
Radon Reduction Sweepstakes Report =

2018-2019

October 10, 2019



RADON REDUCTION SWEEPSTAKES REPORT



Engagement with Stakeholders... Pin Wearing Campaign







BC MLA Statement – November 2020







November is Radon Action Month. We're being encouraged, as British Columbians, to test our homes for radon, which is a naturally occurring radioactive gas. I just found out about this, so it was new to me. Radon can build up to high levels, and it's the leading cause of lung cancer for non-smokers. It's present in virtually every home, and the only way to find out is to test for it. Health Canada has a big campaign right now, each November, to raise public awareness. This past week, actually, we had an event in Abbotsford to create interest. Abbotsford is a leading community in gauging radon and encouraging citizens to investigate their homes — as a matter of fact, there are homes all around this province. Other municipalities that are testing and working on the campaign include McBride, Valemount, Coquitlam and Summerland. It's important, and I encourage colleagues and citizens to test their homes. My wife and I are fully persuaded and will be testing our home for radon. Radon is an important health issue. I appreciate this opportunity to alert our citizens to the dangers of radon.

Link to Hansard pdf: https://www.leg.bc.ca/content/hansard/41st4th/20191126am-Hansard-n298.pdf

Link to main BC Legislative hansard page for video: https://www.leg.bc.ca/documents-data/debate-transcripts/41st-parliament/4th-session





Radon Action Month:

Achieved in 2018	Achieved for 2019
Location: Ottawa – Kanata City Hall	Location: Abbotsford – house under construction
Focus: Radon Achievers, Marion Wilkinson and Radon Reduction Winner Dave Dobson	Focus: Encouraging Municipalities to Action: Encourager l'action municipale - Building codes, 100 Radon Test kit Challenge; make information available on website and in municipal offices; radon mitigation grants
Number of Guests: 50	Number of Guests: 30
Speakers: 5	Speakers: 5
Media: CBC Radio Canada	Media: Prime Asia; Fairchild; Global TV







RM partners to distribute radon testing kits

ta In News 🗑 October 15, 2019 🐁 By M. A. Nyquist 🙌 2 Views





The Rural Municipality (RM) of Dauphin is taking action on radon by partnering with a coalition of national health organizations to distribute 100 free radon test kits next month Take Action on Radon is into its second year, CAO Nicole Chychota explained, with a goal to increase awareness of radon in Canada

For example, many Canadians remain unaware the second-leading cause of lung cancer in non-smokers is the radioactive gas called radon, which can be found in homes. "They put out the call for interested municipalities to participate in this initiative and the RM

17 Radio Interviews 7 Television Interviews 98 print and online articles in Oct/November 2019

Burke Mountain urged to take action on radioactive gas

Radon, found naturally in the ground in clays, shales and soils, is the leading cause of lung cancer among non-smokers in Canada

OCTOBER 25, 2019 07:19 AM









Abbotsford partners with national health coalition for radon awareness campaign

Some homes suspected to have high concentrations of the deadly radioactive gas

PATRICK PENNER / Oct. 25, 2019 6:15 a.m. / LOCAL NEWS / NEWS



















There may be something lethal lurking in Abbotsford basements: an invisi killer of 3,000 Canadians every year - radon.

Radon is a radioactive, invisible, odourless and tasteless gas that's create the breakdown of uranium in soil and rock. Although it's present to some of in every home, the gas becomes dangerous when built up in enclosed spa

November is Radon Action Month and the City of Abbotsford has partnere

La campagne d'occupe-toi du radon encourage les canadiens à tester leur maison afin de détecter un gaz cancérigène

Une coalition d'organisations nationales de la santé, Occupetoi du radon, veulent sensibiliser la population aux risques associés au radon, débute en novembre le mois de la sensibilisation au radon afin d'encourager les Canadiens à faire un test de dépistage du radon dans leur maison.













En Estrie, 9 % des maisons auraient un taux de radon plus élevé que la norme recommandée par Santé Canada. Ce taux grimperait à 24 % à Sherbrooke. L'exposition au radon constitue un risque accru de contracter le cancer du poumon. Le radon serait ainsi la deuxième cause du cancer du poumon après le tabagisme et il causerait la mort d'environ 3000 Canadiens par année.

Y a-t-il du radon dans votre maison? C'est la guestion que vous invite à vous poser l'Association canadienne des scientifiques et des technologues en radon (CARST, en



2018 – 2019 was the Inaugural Year for the Project, with Expansion in 2019-2020







2018-2019 Communities

Moncton, NB

Salmon Arm, BC

Winnipeg, MB

Spruce Grove, AB

Golden, BC

Souris, MB

Port Colborne, ON

Baden, ON

Wabana, NL

Halifax, NS

Sherbrooke, QC

Brandon, MB

Dauphin, MB

Greater Madawaska Region, ON

Summerland, BC

Valemount, BC

Coquitlam, BC

Abbotsford, BC

McBride, BC

Vaudreuil-Dorion, QC

Pembroke, ON

Harrison Park, MB

North Grenville, ON

Fall 2020

Communities

Yukon,

BC,

Alberta,

Manitoba,

Ontario,

Québec,

New Brunswick,

Newfoundland

The Report *le rapport communautaire*



100 Radon Test Kit Challenge



91 homes participated by testing their homes for radon gas during the winter of 2019. This represents **1.35%** of the community dwellings.

9% of homes tested above Health Canada's recommended guideline of 200 Bq/m³.

21% of homes tested above the World Health Organization's (WHO) recommended guideline of 100 Bq/m³.



Missed your chance to test?

Visit Take Action on Radon's website to find a long term (91+ day) test kit and learn how to test your home. TakeActionOnRadon.ca/test/

WHAT IS THE ACTION LEVEL?

The Government of Canada recommends action when long-term tests are above 200 Bq/m².

FIX NOW	FIX SOON
If your radon levels	If your radon levels
200 - 600 Bq/m ⁸	600+ Bq/m³
Reduce radon	Reduce radon
within 2 years.	within 1 year.

WHAT IF MY TEST RESULT COMES BACK HIGH?

High radon levels can be reduced. Once you receive your result, the first step is to contact a certified radon mitigation professional to help.

WHAT IF MY TEST COMES BACK LOW?

If your radon level is below Canada's action level, no further action is required. However, radon levels can vary over time. We encourage you to test again in 5 years and encourage others to test their homes. Everyone can help reduce the burden of lung cancer.



For more information see: https://www.canada/services/cubilcations/nasht-rists-rations/cubilcations/nasht-rists-rations/cubilcations/cubil



The BC Building Code requirements for radon vary by year and region. Some homes have a radon stub pipe or an extended pipe that runs through the house. These features are the beginning of a radon mitigation system and can make installation easier. Long-term (91 day) testing is still necessary.

Already Tested and Want to Help?

If you are willing to share your data to help us better understand radon in your community, submit your information to our online radon depository:

www.takeactiononradon.ca/share

Installing a radon mitigation system is the most effective way to reduce high levels.

Research shows that certified radon professionals can reduce levels

Other steps, such as increasing ventilation or sealing cracks can lead to a smaller reduction in radon levels.

HOW TO FIND A CERTIFIED PROFESSIONAL?

Certified radon mitigation professionals are trained to properly assess your home. They design systems that efficiently and effectively reduce your radon level. Often, the work involved can be done in one day, at a cost that's comparable to a new furnace or a couple of new appliances.

TakeActionOnRadon.ca/test/find-a-radon-mitigation-professional/



Take Action on Redon to anatomal instaton model by Health Casach with a mandate to bring together attained date and maxmeasurement on scores Canada. The contract schorer bases in make up of the Casadam Association of Related Edestities and Richardoptist (CARSTI, CARST, Casada, and the Caradian Canada Society Casada, Casada Casa



Win a rebate of up to \$1000 towards the cost of reducing the high radon level in your home.

Online Entries to date: participation en ligne à date





120

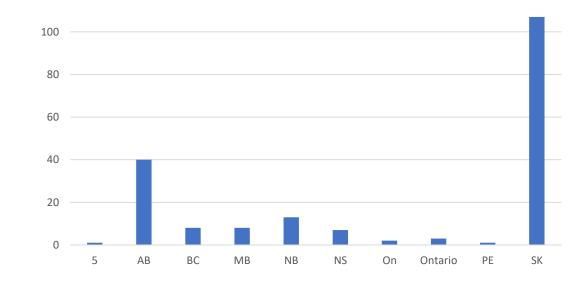
Count of Province

Winners from 2019 Sweepstakes were announced during Radon Action Month across the country.

Next contest period: January 1, 2019 – June 30, 2020 Check out our twitter feed for the announcements. @ActionOnRadon

Check out the toolkit at:

https://takeactiononradon.ca/join/resources-forstakeholders/









2018 Theme: Plan to be Here



2019 Social Media Campaign

#today4tomorrow #aujourd'hui pour demain





- -Your home may be your new workplace
- -Home workplaces are different from workplaces
- -Your spending more time in your home....
- Survey.. work from home
- Hours in your house
- Occupational health and safety...
- -Somethings are out of our control....
- Chaos kids
- But there are things you can control... the air they breathe







#SafeAtHome

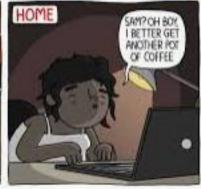
#SimplySafe

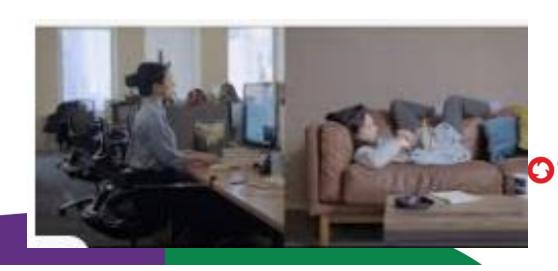
#LifeAtHome

#WorkAtHome

CLOCKING OFF













Library Radon Awareness Kit





Bookmark (French on reverse)



Postcard (French on reverse)

Additional Resources:

- Sample social media posts
- Sample digital images for online advertising
- Sample community posters (simple easy to change and easy to print)



Stand up banner (Bilingual)

TAOR Poster (French on reverse)



2019/2020

- 100 RTKC 15 Communities
- RAM in Abbotsford
- PR Company Push Media
- How to talk to the Media Webinar English
- Mitigation Grants (3 communities)
- Radon Reduction Sweepstakes
- Pin Campaign

2020/2021



- 100 RTKC 20 Communities
- Virtual Launch RAM
- PR Company Push Media
- Media Images
- Videos
- How to talk to the Media Webinar French
- Mitigation Grants still being developed
- Radon Reduction Sweepstakes
- Pin Campaign; Proclamation; MLA statements
- Resources... business cards to post on social media
- Library Loan Program resources for libraries and for homeowner's