

BC Radon Data Repository – Summary of Data Uses

Below is a summary of internal data uses by BC Centre for Disease Control (BCCDC) that involve publication or dissemination of BC Radon Data Repository (BCRDR) data holdings, as well as approved external data uses. For the summary purposes of this table, users are listed as institutions. This table is up to date as of October 29, 2024. Links to webpages may have changed since this last update. For more information, please contact Environmental.Health@bccdc.ca.

User	Summary of Use	Project Timeline
BCCDC	A presentation at the November 2020 BC Lung Association workshop sharing preliminary findings from initial BCRDR data compilation.	Presented at November 2020 workshop
BCCDC	An online, interactive BC Radon Map, which includes regional concentration summaries, risk interpretation messaging, and health promotion information.	Published the on BCCDC website in November 2021 and routinely updated
BCCDC	A presentation at the November 2021 National Collaborating Centre for Environmental Health webinar sharing the current state of the BCRDR and BC Radon Map.	Presented at November 2021 webinar
BCCDC	A presentation at the April 2022 Canadian Association of Radon Scientists and Technologists conference sharing the current state of the BCRDR and BC Radon Map.	Presented at April 2022 conference
BC Lung Association	A report summarizing workplace radon policies in British Columbia and Canada and includes policy recommendations to reduce workplace radon exposures in British Columbia.	Published on the BC Lung website in May 2022
University of Montreal	A Master’s thesis examining the association between radon and hydraulic fracturing.	Published in the University of Montreal’s library records in August 2022
BCCDC	A presentation at the November 2022 BC Lung Association workshop sharing the current state of the BCRDR and BC Radon Map.	Presented at November 2022 workshop
BCCDC	A presentation at the November 2022 International Commission on Radiological Protection conference sharing the current state of the BCRDR and BC Radon Map.	Presented at November 2022 conference
BC Lung Association	A report that recommends testing in communities with less known testing to date and higher potential for elevated radon concentrations.	Published on the BC Lung website in August 2023

BCCDC	A peer-reviewed journal article describing the technical and operational development of the BCRDR and BC Radon Map.	Published in the Canadian Journal of Public Health in May 2024
University of Calgary	A study examining population radon exposure estimates that are weighted to the geographic distribution of various demographic and built environment factors.	Published on a report-specific website in October 2024
University of Oregon	A study examining how different radon map designs impact risk comprehension and intent for risk-mitigating behaviour.	Ongoing
University of Waterloo	A study investigating radon concentrations across different building types and regions using detailed building characteristics to identify potential correlations and risk factors.	Ongoing