



## Canadian spotlight 13.1: Key additions from the first half of January 2022

In the first half of January, contributing Canadian evidence-synthesis teams have shared with us 14 newly completed evidence syntheses which are listed in the table below. One synthesis provides insight on three domains of the COVID-END taxonomy (public-health measures, clinical management, and health-system arrangements), and one synthesis provides insight on two of the domains (public-health measures and health-system arrangements). The remaining focus on public-health measures (n=12).

Taxonomy section	Title	Type of product	Date of last search (and publication)	Evidence synthesis team
<ul style="list-style-type: none"> <li>Public-health measures</li> <li>Clinical management</li> <li>Health-system arrangements</li> </ul>	<a href="#">What measures and approaches can protect the most vulnerable in the hospital when outbreaks of Omicron in hospital are becoming more common?</a>	Rapid evidence profile	2022-01-06 (published 2022-01-10)	McMaster Health Forum   COVID-END
<ul style="list-style-type: none"> <li>Public-health measures</li> <li>Health-system arrangements</li> </ul>	<a href="#">What are the implications of SARS-CoV-2 variants for public-health measures and health-system arrangements?</a>	Update to a living evidence synthesis	2021-12-03 (published 2022-01-03)	School of Nursing, Dalhousie University
<ul style="list-style-type: none"> <li>Public-health measures</li> </ul>	<a href="#">What is the filtration performance of KN95 masks compared to surgical and N95 masks, and how can their use be optimized in hospital settings?</a>	Rapid evidence profile	2022-01-10 (published 2022-01-12)	McMaster Health Forum   COVID-END
<ul style="list-style-type: none"> <li>Public-health measures</li> </ul>	<a href="#">What is the efficacy and effectiveness of available COVID-19 vaccines in general and specifically for variants of concern?</a>	Update to a living evidence synthesis	2022-01-05 (published 2022-01-06)	Health Information Research Unit, McMaster University
<ul style="list-style-type: none"> <li>Public-health measures</li> </ul>	<a href="#">What is the effectiveness of available COVID-19 vaccines for children and adolescents, including variants of concern?</a>	Update to a living evidence synthesis	2022-01-04 (published 2022-01-05)	Faculty of Medicine, University of Antioquia & Health Information Research

				Unit, McMaster University
• Public-health measures	<a href="#">What is the epidemiology of the Omicron variant and its impact on health care?</a>	Rapid review	2021-12-17 (published 2021-12-22)	Alberta Health Services
• Public-health measures	Living profile of SARS-CoV-2 Omicron (B.1.1.529) variant of concern (For those interested in accessing the full copy of the rapid review, please contact <a href="mailto:phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca">phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca</a> )	Update to a living rapid review	2021-12-13 (published 2021-12-13)	Emerging Science Group, Public Health Agency of Canada (PHAC)
• Public-health measures	<a href="#">How effective are COVID-19 vaccines?</a>	Update to a living rapid review	2021-12-10 (published 2021-12-26)	Alberta Health Services
• Public-health measures	Evidence brief on parental and adolescent acceptance of COVID-19 vaccine for those aged 1-17 (For those interested in accessing the full copy of the rapid review, please contact <a href="mailto:phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca">phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca</a> )	Evidence brief	2021-12-10 (published 2021-12-10)	Emerging Science Group, Public Health Agency of Canada (PHAC)
• Public-health measures	<a href="#">What is the epidemiology of variants and what are the implications for healthcare?</a>	Update to a living rapid review	2021-12-03 (published 2021-12-20)	Alberta Health Services
• Public-health measures	Evidence brief on the risk of COVID-19 transmission in flight, update 3 (For those interested in accessing the full copy of the rapid review, please contact <a href="mailto:phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca">phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca</a> )	Update to a living rapid review	2021-11-25 (published 2021-11-25)	Emerging Science Group, Public Health Agency of Canada (PHAC)
• Public-health measures	<a href="#">Impact of diagnostic testing on school closures</a>	Rapid review	2021-11-06 (2022-01-07)	Centre for Clinical Epidemiology and Evaluation, Vancouver Coastal Health Research Institute; School of Population and Public Health, University of

				British Columbia
• Public-health measures	<a href="#">COVID-19 variant of concern Omicron (B.1.1.529): Risk assessment, January 6, 2022</a>	Evidence brief	Not stated (published 2022-01-06)	Public Health Ontario
• Public-health measures	Evidence on the virulence, transmission and impact of B.1.617.2. (Delta) among children: Update 2, November 2021 (For those interested in accessing the full copy of the rapid review, please contact <a href="mailto:phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca">phac.ocsoevidence-bcsdonneesprobantes.aspc@canada.ca</a> )	Update to a living rapid review	Not stated (published 2021-11-29)	Emerging Science Group, Public Health Agency of Canada (PHAC)