

THE ACUTE AND LONG-TERM HEALTHCARE COSTS ATTRIBUTABLE TO COVID-19 IN ONTARIO, CANADA: A POPULATION-BASED MATCHED COHORT STUDY

B. SANDER,^{1,2,3,4} S. MISHRA,^{2,3,5} S. SWAYZE,² Y. SAHAKYAN,¹ R. DUCHEN,²
K. QUINN,^{2,3,6} N. JANJUA,^{7,8} H. SBIHI,^{7,8} and J. KWONG^{2,3,4}

¹University Health Network, Toronto; ²ICES, Toronto; ³University of Toronto, Toronto; ⁴Public Health Ontario, Toronto; ⁵Unity Health, Toronto; ⁶Sinai Health Systems, Toronto; ⁷British Columbia Centre for Disease Control (BCDC), Vancouver; ⁸University of British Columbia, Vancouver

Acknowledgements: This document used data adapted from the Statistics Canada 2016 Census Area Profiles and the Statistics Canada Postal CodeOM Conversion File, which is based on data licensed from Canada Post Corporation, and/or data adapted from the Ontario Ministry of Health Postal Code Conversion File, which contains data copied under license from ©Canada Post Corporation and Statistics Canada.

Parts of this material are based on data and/or information compiled and provided by Statistics Canada, the Canadian Institute for Health Information (CIHI), Ontario Health (OH), and the Ontario Ministry of Health as well as Immigration, Refugees and Citizenship Canada (IRCC) current to September 2020. The analyses, conclusions, opinions, and statements expressed herein are solely those of the authors and do not reflect those of the funding or data sources, no endorsement is intended or should be inferred.

We thank the Toronto Community Health Profiles Partnership for providing access to the Ontario Marginalization Index.

The authors thank Poornima Goudar and Marian Hassan for helping with editing the manuscript and Hong Lu for her coding contributions during the analysis.

Funding: This study was supported by ICES, which is funded by an annual grant from the Ontario Ministry of Health (MOH) and the Ministry of Long-Term Care (MLTC). This study also received funding from CIHR (GA4- 177757). This research was supported, in part, by a Tier 1 Canada Research Chair (CRC) in Economics of Infectious Diseases held by Beate Sander (CRC-2022-00362) and a Tier 2 CRC in Mathematical Modelling and Program Science held by Sharmistha Mishra (CRC950-232643).

Data availability: The dataset from this study is held securely in a coded form at ICES. While legal data-sharing agreements between ICES and data providers (e.g., healthcare organizations and government) prohibit ICES from making the dataset publicly available, access may be granted to those who meet pre-specified criteria for confidential access, available at www.ices.on.ca/DAS (email: das@ices.on.ca). The full dataset creation plan and underlying analytic code are available from the authors upon request, understanding that computer programs may rely upon coding templates or macros that are unique to ICES and are therefore either inaccessible or may require modification.