

Appendix 3: Administrative datasets used in this study

Dataset	Description	Variables
Registered Persons Database (RPDB)	A population-based registry that contains demographic information for all residents of Ontario who have registered for health insurance.	Age, Sex, Geographic location, Death
Canadian Institute for Health Information Discharge Abstract Database (DAD)	Contains administrative and clinical information on all admissions/discharges from acute care facilities in Ontario	Inpatient hospital episodes, readmissions, chronic conditions, , costs
National Ambulatory Care Reporting System (NACRS)	Contains patient-level data (demographic, diagnoses, procedures) for all visits made to hospital and community based ambulatory care centres (emergency departments, day surgery, dialysis, cancer care clinics) in Ontario	Emergency department visits, costs
Ontario Mental Health Reporting System (OMHRS)	Contains data on adult designated inpatient mental health beds (incl. general, provincial psychiatric, and specialty psychiatric facilities) using the Resident Assessment Instrument - Mental Health	costs
Ontario Health Insurance Plan Claims Database (OHIP)	Claims for all physician services provided to Ontario residents	Chronic conditions, physician visits, post-discharge follow up, costs
Institute for Clinical Evaluative Sciences Physician Database (IPDB)	Yearly information on all physicians practicing in Ontario, including main specialty	Physician visits
Client Agency Program Enrolment (CAPE)	Contains a roster of patients that have registered with a primary care organization in Ontario, including a patients' association to specific physician and enrolment model type	Cost
National Rehabilitation Reporting System (NRS)	Contains client data collected from adult inpatient rehabilitation facilities in Ontario	Cost
Corporate Provider Database (CPDB)	Contains information about health care providers in Ontario, including program eligibility information	Cost
2006 Canadian Census (Census)	Contains aggregated, area-level data for Ontario and Canada that describes demographic information of the population, including markers not captured with health administrative data	Rurality, Income
Continuing Care Reporting System (CCRS)	Contains clinical and demographic information on residents receiving facility-based continuing care services in Ontario	Costs
Home Care Database (HCD)	Visits for all publicly-funded home care services provided to Ontario residents	Costs
Ontario Drug Benefit Claims (ODB)	Contains information on public and private patient prescription claims for drug benefits	Chronic conditions, costs
Same Day Surgery Database (SDS)	Information on same day surgeries performed in Ontario	Chronic conditions, costs
Yearly Health Services Contact (CONTACT)	Contains data on eligibility for services covered under OHIP	Ontario Health Insurance Plan (OHIP) eligibility

Appendix 3, as supplied by the authors. Appendix to: Ryan BL, Mondor L, Wodchis WP, et al. Effect of a multimorbidity intervention on health care utilization and costs in Ontario: randomized controlled trial and propensity-matched analyses. *CMAJ Open* 2023. doi:10.9778/cmajo.2022-0006. Copyright © 2023 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.