

Appendix 2: Key variables and sources of data

Key variables	Description	Type	Time period (PRE=1, POST=2)	Data source
Patient and care characteristics				
age_	Age in years	continuous	1	RPDB
sex_	Sex; female or male	categorical	1	RPDB
rio2008_	Rurality Index for Ontario; on a scale of 0 to 100 with 100 being most rural	continuous	1	RPDB
lhin_	LHINs: 1 to 14	categorical	1	RPDB
income_	Income quintiles	categorical	1	RPDB
recent_immigration_	Whether immigrated in the past 15 years	categorical	1	CIC
primarycaregrp_	Primary care model	categorical	1	CAPE
geriatrician_	Whether visited a geriatrician	categorical	1	OHIP
Health status/comorbidity				
n_edc	John Hopkins Expanded Diagnosis Clusters (EDCs) are based on 3 years of hospitalization and ambulatory data	continuous	1	DAD, NACRS, OHIP
ices_cohort_	Cohorts of individuals with the following conditions separately: CHF, COPD, Inflammatory Bowel Disease (Crohn's and Colitis), diabetes, myocardial infarction, or rheumatoid arthritis	categorical	1	CHF, COPD, OCCD, ODD, OMID, ORAD
dth365d_	Mortality at the end of FE2013	categorical	2	RPDB
Healthcare utilization				
ndrugnames_	Number of prescription drugs the patient is on	continuous	1,2	ODB
n_md_visits_	Number of physician visits; reported as total and by categories (family practitioner and specialist)	continuous	1,2	
n_hcd_visits_	Number of home care visits; reported as total and by categories (nursing, personal support, allied health)	continuous	1,2	
nhosp_	Number of hospitalizations; reported as total and by categories (urgent and elective)	continuous	1,2	DAD

admcat_	Admission categories: urgent and elective	categorical	1,2	DAD
los	Length of stay, days	continuous	1,2	DAD
instftyp_	Institution from where admitted	categorical	1,2	DAD
instthin_	LHIN where admitted	categorical	1,2	DAD
dx10code1-25	Diagnosis ICD10 codes for each admission	categorical	1,2	DAD
ds10type1-25	Type of diagnosis code: "M"-MRDX; "1" - preadmission; "2" - post-admission	categorical	1,2	DAD
dischdisp	Institution where discharged to	categorical	1,2	DAD
Healthcare costs				
inpat_cost_	Inpatient hospitalization Costs	continuous	1,2	DAD
sds_cost_	Same Day Surgery Costs	continuous	1,2	SDS
er_cost_	Emergency Department Costs	continuous	1,2	NACRS
odb_cost_	Costs for Ontario Drug Benefits	continuous	1,2	ODB
hc_cost_	Costs for Home Care Services	continuous	1,2	HCD
md_cost_	Physician expenditures are a combination of the costs for capitation and fees-for -services	continuous	1,2	OHIP
mh_cost_	Costs for Admissions to Mental Health Care Beds (using OMHRS)	continuous	1,2	OMHRS
onc_cost_	Oncology Clinic Costs	continuous	1,2	NACRS
dial_cost_	Dialysis Clinic Costs	continuous	1,2	NACRS
rehab_cost_	Costs for Rehabilitation	continuous	1,2	NRS
ccc_cost_	Costs for Complex Continuing Care	continuous	1,2	CCRS
lab_cost_	Costs for Laboratory investigations	continuous	1,2	OHIP
ltc_cost_	Costs for Long-Term Care	continuous	1,2	CCRS
total_cost_	Total healthcare expenditures	continuous	1,2	