Appendix Table 3 for:

Walk-in Clinic Patient Characteristics and Utilization Patterns in Ontario, Canada: A Cross-Sectional Study

Appendix Table 3. Operational definitions of all variables.

Variable	Data Source	Definition
Age	PCPOP	AGE in PCPOP, categorized as: <18 years 19-29 years 30-44 years 45-64 years 65-74 years 75+ years
Sex	PCPOP	SEX in PCPOP: Male Female
Neighborhood income quintile	PCPOP	Nearest census-based income quintile based on postal code (based on 2016 census, INCQUINT in PCPOP).(9)
Recent provincial health insurance registrant	PCPOP	Recent registrant within the past 10 years, used as a proxy for immigration (IMMIG in PCPOP). Missing values are children less than 10 years of age.
Urban/rural residence	PCPOP	Postal code converted to RIO score (RIOG in PCPOP; 10): 0-9: Large urban 10-39: Small urban 40+: rural
Comorbidity count	DAD, NACRS, OHIP	Count of ACG System Aggregated Diagnosis Groups (ADGs, per the Johns Hopkins ACG® System Version 7, in 2 years prior to the index date.(11) Categorized as: Low: 0-5 Moderate: 6-9 High: 10+
Healthcare utilization band	DAD, NACRS, OHIP	Using Resource Utilization Bands (RUBs), per the Johns Hopkins ACG® System Version 7, in 2 years prior to the index date.(11) Categorized as: Low: 0-2 Moderate: 3 High: 4-5
Primary care physician attachment	PCPOP	Formally enrolled (R_TYPE=R), virtually attached (R_TYPE=V; highest cost physician over a 2-year period with primary care fee codes), or no primary care physician visits (R_TYPE=N).
Patient enrolment model (PEM)	PCPOP	Categorized from PROGTYPE3 in PCPOP as:

		Capitation (Family Health Network or Family Health Organization) Team-based (Family Health Team) Enhanced fee for service (Family Health Group or Comprehensive Care Model) Other group
Total family physician visits in previous two years	PCPOP	Total count of visits in the 2 years prior to the index visit (TVISITS in PCPOP).
Total specialist visits in previous year	PCPOP	Total count of specialist visits in the 365 days prior to the index visits (SV_TOTSPEC in PCPOP).
At least one visit with enrolling family physician in the previous year	PCPOP OHIP	Proportion of patients who had at least one visit with their enrolling physician (R_TYPE=R in PCPOP) in the 2019 calendar year (January 1st, 2019 to December 31st, 2019). If patient is virtually rostered or not rostered, this variable is missing. PCPOP variable PHYSNUM was linked with OHIP.
Proportion of patients with at least one emergency department visit in prior year	PCPOP	Any emergency department visit (i.e., all Canadian Triage and Acuity Scale scores) in the 365 days prior to the index visit (ED_CTAST in PCPOP).
Continuity of care	PCPOP	Proportion of visits to the patients' own family physician , out of all primary care visits. If less than 2 visits in a year, then this value is missing. From PCPOP, numerator is VIS_OWNP, denominator is TVISITS.
Length of enrolment (years)	CAPE	Number of years a patient has been in their patient enrolment group (SRTCAPE in CAPE).
Distance from patient's residence to enrolling family physician's practice	OHIP	Distance in kilometres from the patient's primary residence to their rostered physician's clinic location. Postal codes were converted to latitudes and longitudes using the PCCF file. For distances between the patient's residence to the physician's practice (km), we used the quartiles of the continuous distribution of the linear distance to the enrolling family physician in the Ontario population to create the category boundaries: 0 - < 3 km 3 - < 7 km 7 - < 16 km +16 km
Day of the week of encounter with enrolling physician	PCPOP OHIP	Day of the week of the patient's visit with their rostered physician (as define by PHYSNUM in PCPOP). Categorized as: Monday Tuesday

		Wednesday Thursday Friday Saturday Sunday
After-hours	OHIP	Proportion of visits that had a PEM or non-PEM after-hours code billed (i.e., evening or weekend visit). All billing to the same patient by the same physician on the same day were combined and counted once. Codes included: Q012, Q016, Q017, and A888.
Distance from residence to enrolling physician's practice in kilometres	OHIP	Distance from the patient's primary residence to the clinic location (i.e., either walk-in or to their rostered PCP's practice). Categorized as: 0 to <3KM 3 to <7KM 7 to <16km >=16km
Day of the week of encounter	OHIP PCPOP	Day of the week of the walk-in or rostered PCP visit. Categorized as: Monday Tuesday Wednesday Thursday Friday Saturday Sunday