

IDENTIFYING INFORMATION	
Name:	Family doctor visit after a hospital stay for selected chronic conditions
Short/Other Names:	n/a
BACKGROUND, INTERPRETATION AND BENCHMARKS	
Description:	The percentage of patients who saw any general practitioner within 7 or 30 days of hospital discharge following hospitalization due to high blood pressure, diabetes, chronic obstructive pulmonary disease (COPD), asthma, heart failure, ischaemic heart disease, or chronic renal failure.
Rationale:	Appropriate follow-up after hospital discharge may ensure effective care coordination in the community. This measure is also an assessment of informational continuity.
Interpretation:	A higher rate implies that more eligible patients received follow-up after hospital discharge.
Target/Benchmark:	No benchmarks have been identified.
INDICATOR CALCULATION	
Calculation:	<p>Percentage =</p> $\left(\frac{\text{Number of patients who saw a family doctor within 7 or 30 days after leaving hospital}}{\text{Number of patients discharged from hospital}} \right) \times 100$ <p>Type of Measure: Percentage</p> <p>Adjustment Applied: None</p>
Denominator:	<p>Description</p> <p>The total number of patients who were discharged from a hospital in Alberta for visits due to pre-selected conditions.</p> <p>Inclusion Criteria</p> <ul style="list-style-type: none"> ▪ Family doctors in Alberta who have submitted at least one physician claim in a given fiscal year. ▪ A family doctor visit is any visit to a physician whose specialty is one of the following: <ul style="list-style-type: none"> ○ GP (General Practitioner) ○ CMSP (General Practitioner) ○ GNMH (General Practitioner)

	<ul style="list-style-type: none"> ○ GEMD (General Practitioner) ○ OCMD (General Practitioner) ▪ Most responsible diagnosis code (DXCODE1) of: <ul style="list-style-type: none"> ○ Hypertension (ICD-10-CA: I10-I13, I15) ○ Diabetes (ICD-10-CA: E10, E11, E13, E14) ○ Chronic obstructive pulmonary disorder (ICD-10-CA: J41-J44, J47) ○ Asthma (ICD-10-CA: J45) ○ Heart failure (ICD-10-CA: I50) ○ Angina or ischemic heart disease (ICD-10-CA: I20, I25) ○ Chronic renal failure (ICD-10-CA: N18) <p>Exclusions</p> <ul style="list-style-type: none"> ▪ Patients without valid AHCIP coverage. ▪ Deaths, transfers to same/other facility (discharge dispositions 01, 02, 03, 07, 08, 09) ▪ Duplicate records ▪ Records with invalid/missing data (e.g. personal health number, discharge date) ▪ Patients re-admitted to hospital (all-causes) during the follow-up period
Numerator:	<p>Description</p> <p>The total number of patients who saw a family doctor within the specified follow-up period (7 or 30 days)</p> <p>Inclusion Criteria</p> <ul style="list-style-type: none"> ▪ Visits to a family doctor in Alberta within 24 hours and 7/30 days of hospital discharge for pre-selected conditions. ▪ A family doctor visit is any visit to a physician whose specialty is one of the following: <ul style="list-style-type: none"> ○ GP (General Practitioner) ○ CMSP (General Practitioner) ○ GNMH (General Practitioner) ○ GEMD (General Practitioner) ○ OCMD (General Practitioner) ▪ Most responsible diagnosis code (DXCODE1) of: <ul style="list-style-type: none"> ○ Hypertension (ICD-10-CA: I10-I13, I15) ○ Diabetes (ICD-10-CA: E10, E11, E13, E14) ○ Chronic obstructive pulmonary disorder (ICD-10-CA: J41-J44, J47) ○ Asthma (ICD-10-CA: J45) ○ Heart failure (ICD-10-CA: I50) ○ Angina or ischemic heart disease (ICD-10-CA: I20, I25)

	<ul style="list-style-type: none"> ○ Chronic renal failure (ICD-10-CA: N18) <p>Exclusions</p> <ul style="list-style-type: none"> ▪ Duplicate records and/or negated physician claims ▪ Records with invalid/missing data (e.g., personal health number, discharge date)
DATA DETAILS	
Data Sources:	<p>Discharge Abstract Database (DAD).</p> <p>Alberta Health Physician Claims.</p> <p>Alberta Health Care Insurance Plan (AHCIP) Registry.</p>
Available Data Years:	<p>Type of Year: Fiscal year [starts April 1, ends March 31]</p> <p>First Available Year: 2018/19</p> <p>Last Available Year: 2022/23</p>
Geographic Coverage:	The province of Alberta excluding the military and prisoners.
Reporting Levels:	Zone, PCN
QUALITY STATEMENT	
Limitations and Technical Notes:	<ul style="list-style-type: none"> ▪ Other types of follow-up (e.g. specialist, nurse practitioner) are not considered. Follow-up may not always be related to a specific hospital discharge or clinical diagnosis. Deaths which take place in the community during the follow-up period cannot be accounted for. This may result in a slight decrease in reported follow-up rates. ▪ Only Alberta data is available. As such, any visits by Alberta patients to physicians outside of the province are not included.