IDENTIFYING INFORMATION	
Name:	**Lipids (cardiovascular risk) screening**
Short/Other Names:	n/a

BACKGROUND, INTERPRETATION AND BENCHMARKS	
Description:	The percentage of eligible patients in the zone or PCN who completed a lipid screening test.
Rationale:	Lipid profile screening is used to determine the approximate risks for cardiovascular disease in healthy adults. Thus, providing screening information to PCNs will encourage them in their screening activities to identify early onset of cardiovascular disease.
Interpretation:	A higher rate implies more eligible patients in a zone or PCN have been screened.
Target/Benchmark:	No benchmarks have been identified.

INDICATOR CALCULATION	
Calculation:	Screening rate = $$\left(\frac{\text{Number of eligible patients who completed plasma lipid screening}}{\text{Total number of eligible patients in zone or PCN}}\right) \times 100$$ **Type of Measure:** Percentage **Adjustment Applied:** None
Denominator:	**Description** The number of eligible patients in a zone or PCN. **Inclusion Criteria** ▪ Patients aged between 40 and 74 years. ▪ For PCN-level data, patients assigned to the PCN by the HQCA algorithm. **Exclusions** ▪ None

Numerator:	**Description**
	The total number of eligible patients with plasma lipid profile screening within a 5-year period.
	Plasma lipid profile identification (Lab test codes or lab test order code or lab test order name):
	▪ LIP (Lipase).
	▪ LIPID (Lipid).
	▪ LIPID PROFILE (Lipid Profile).
	▪ LDL (Low Density Lipoproteins Cholesterol).
	Inclusion Criteria
	▪ Patients aged between 40 and 74 years.
	▪ Patients with identified plasma lipid profile test records.
	Exclusions
	▪ Patients younger than 40 or older than 74.
DATA DETAILS	
Data Sources:	Alberta Health Physician claims Alberta Health Care Insurance Plan (AHCIP) Registry AHS Laboratory Data
Available Data Year:	**Type of Year:** Fiscal year [starts April 1, ends March 31] **Available Year:** 2018/19
Geographic Coverage:	The province of Alberta excluding the military and prisoners.
Reporting Levels:	Zone, PCN

QUALITY STATEMENT	
Limitations and Technical Notes:	▪ PCN assignment is based on which physician a patient is assigned to by the HQCA algorithm.
	▪ Not all physicians belong to a PCN; as a result not all patients are assigned to PCNs.
	▪ All calculations include only patients who are currently listed as '**Active**' in the Alberta Health Care Insurance Plan (AHCIP) Registry database. This may lead to underestimation of the calculated measure above.
	▪ Each patient is counted once regardless of the number of tests performed in a given time period.
	▪ Only Alberta data is available. As such, any visits by Alberta patients to labs or facilities outside of the province are not included.