IDENTIFYING INFORMATION	
Name:	**Influenza vaccination rates for selected high risk groups**
Short/Other Names:	n/a
BACKGROUND, INTERPRETATION AND BENCHMARKS	
Description:	The percentage of Albertans in groups that are high risk of complications from influenza who received the influenza vaccine. High risk groups include: ▪ Children under 6 years of age ▪ Seniors (65 years of age and older) ▪ Persons living with chronic obstructive pulmonary disease (COPD) ▪ Persons living with asthma
Rationale:	Influenza immunization has many benefits to the patient including but not limited to: ▪ reduces the risk of flu-related hospitalizations ▪ acts as an important preventive tool for patients with chronic health conditions ▪ helps protect women during and after pregnancy
Interpretation:	A higher rate implies more eligible patients have been immunized.
Target/Benchmark:	No benchmarks have been identified.
INDICATOR CALCULATION	
Calculation:	Vaccination rate = $$\left(\frac{\text{Number of persons immunized against influenza}}{\text{Total number of Albertans in zone or PCN}}\right) \times 100$$ **Type of Measure:** Percentage **Adjustment Applied:** None

Denominator:	**Description**
	The number of Albertans in a zone or PCN.
	Inclusion Criteria
	▪ For PCN-level data, patients assigned to the PCN by the HQCA algorithm.
	Exclusions
	▪ None
Numerator:	**Description**
	The total number of Albertans that received a flu (influenza) vaccine from a physician, pharmacist or Alberta Health Services public health.
	Inclusion Criteria
	▪ Albertans with influenza immunization records.
	Exclusions
	▪ None

DATA DETAILS

Data Sources:	Alberta Health Physician claims
	Alberta Health Care Insurance Plan (AHCIP) Registry
	Alberta Immunization Registry
Available Data Years:	**Type of Year:** Fiscal year [starts April 1, ends March 31]
	First Available Year: 2015/16
	Last Available Year: 2021/22
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.

	▪ Immunizations given by other practitioners is not included as individual data is not provided.
	▪ Only Alberta data is available. As such, any visits by Alberta patients to facilities outside of the province are not included.