

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

	<p><b>Inclusion Criteria</b></p> <ul style="list-style-type: none"> <li>Albertans with influenza immunization records.</li> </ul> <p><b>Exclusions</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
<b>Data Details</b>	
<b>Data Sources:</b>	<p>Alberta Health Physician claims          Alberta Health Care Insurance Plan (AHCIP) Registry          Alberta Immunization Registry</p>
<b>Available Data Years:</b>	<p><b>Type of Year</b>          Fiscal year [starts April 1, ends March 31]</p> <p><b>First Available Year</b>          2015/16</p> <p><b>Last Available Year</b>          2017/18</p>
<b>Geographic Coverage:</b>	The province of Alberta excluding the military and prisoners.
<b>Reporting Levels:</b>	Zone, PCN
<b>Quality Statement</b>	
<b>Limitations and Technical Notes:</b>	<ul style="list-style-type: none"> <li>PCN assignment is based on which physician a patient is assigned to by the HQCA algorithm.</li> <li>Not all physicians belong to a PCN; as a result not all patients are assigned to PCNs.</li> <li>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.</li> <li>Immunizations given by other practitioners is not included as individual data is not provided.</li> <li>Only Alberta data is available. As such, any visits by Alberta patients to facilities outside of the province are not included.</li> </ul>