

IDENTIFYING INFORMATION	
<b>Name:</b>	<b>Breast cancer screening</b>
<b>Short/Other Names:</b>	n/a
BACKGROUND, INTERPRETATION AND BENCHMARKS	
<b>Description:</b>	The percentage of eligible women in a zone or PCN that completed at least one mammogram screening test within a 30-month period.
<b>Rationale:</b>	Providing screening information to physicians will encourage them in their screening activities to identify early onset of breast cancer. Early detection may also mean less treatment and less time spent recovering. The presentation of screening rates might also serve to motivate active screening practices (i.e., encourage physicians to take more direct steps in screening patients).
<b>Interpretation:</b>	A higher rate implies more eligible patients in a zone or PCN have been screened.
<b>Target/Benchmark:</b>	No benchmarks have been identified.
INDICATOR CALCULATION	
<b>Calculation:</b>	<p>Screening rate =</p> $\left( \frac{\text{Number of eligible women who completed at least one screening mammogram}}{\text{Total number of eligible women in zone or PCN}} \right) \times 100$ <p><b>Type of Measure:</b> Percentage  <b>Adjustment Applied:</b> None</p>
<b>Denominator:</b>	<p><b>Description</b></p> <p>The number of eligible women in a zone or PCN.</p> <p><b>Inclusion Criteria</b></p> <ul style="list-style-type: none"> <li>Women aged between 50 and 74 years.</li> <li>For PCN-level data, patients assigned to the PCN by the HQCA algorithm.</li> </ul> <p><b>Exclusions</b></p> <ul style="list-style-type: none"> <li>Women younger than 50 years and older than 74 years.</li> </ul>

<b>Numerator:</b>	<p><b>Description</b></p> <p>The total number of eligible women who have completed at least one mammogram in a given 30-month period.</p> <p><b>Inclusion Criteria</b></p> <ul style="list-style-type: none"> <li>Women aged between 50 and 74 years.</li> <li>Identifying mammography procedure codes: <ul style="list-style-type: none"> <li>X27 (Mammography – both breast).</li> <li>X27 D (Screening mammography – age 50-74 years inclusive).</li> </ul> </li> </ul> <p><b>Exclusions</b></p> <ul style="list-style-type: none"> <li>Women younger than 50 years and older than 74 years.</li> <li>Women with an invasive breast cancer who have had mammograms identified as screening services.</li> </ul>
<b>DATA DETAILS</b>	
<b>Data Sources:</b>	<p>Alberta Health Physician Claims</p> <p>Alberta Health Care Insurance Plan (AHCIP) Registry</p> <p>Alberta Breast Cancer Screening Program (ABCSP) Data</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> 2014/15</p> <p><b>Last Available Year:</b> 2021/22</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 <b>‘Active’</b> in the Alberta Health Care Insurance Plan (AHCIP) Registry database. This may lead to underestimation of the calculated measure above.</li> <li>Only Alberta data is available. As such, any visits by Alberta patients to labs or facilities outside of the province are not included.</li> </ul>