

| IDENTIFYING INFORMATION                   |   |
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| <b>Name:</b>                              | <b>Cervical cancer screening</b>  |
| <b>Short/Other Names:</b>                 | n/a   |
| BACKGROUND, INTERPRETATION AND BENCHMARKS |   |
| <b>Description:</b>                       | The percentage of eligible women in the zone or PCN who received at least one Pap test in a 36-month (3 year) period.   |
| <b>Rationale:</b>                         | Meant for self-reflection and to encourage physicians to assess their screening activities in order maximize appropriate screening of their patients, and to identify early onset of cervical cancer. Early detection may also mean less treatment and less time spent recovering.  |
| <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> $\left( \frac{\text{Number of eligible patients who completed at least one Pap test}}{\text{Total number of eligible women in zone or PCN}} \right) \times 100$ <p><b>Type of Measure:</b> Percentage</p> <p><b>Adjustment Applied:</b> None</p>  |
| <b>Denominator:</b>                       | <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 25 and 69 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>None</li> </ul> |

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| <b>Numerator:</b>           | <b>Description</b><br><p>The total number of eligible women who have completed at least one Pap test within a 36-month (3 year) period.</p> <p><i>Pap test identification:</i></p> <ul style="list-style-type: none"> <li>13.99BA (Periodic Papanicolaou Smear).</li> <li>13.99BC (Pelvic examination requiring swab and/or sample collection, includes Periodic Papanicolaou Smear).</li> <li>79.29E (Biopsy of cervix).</li> <li>V76.2 (Screening for malignant neoplasms of the cervix).</li> <li>Z12.4 (Encounter for screening for malignant neoplasm of cervix).</li> </ul> <p><b>Inclusion Criteria</b></p> <ul style="list-style-type: none"> <li>Women aged 25 to 69 years.</li> <li>Women with identified Pap test records.</li> </ul> <p><b>Exclusions</b></p> <ul style="list-style-type: none"> <li>Women younger than 25 or older than 69.</li> <li>Women with hysterectomy performed as at April 1, 2005.</li> </ul> |
| <b>DATA DETAILS</b>         |   |
| <b>Data Sources:</b>        | Alberta Health Physician claims<br>Alberta Health Care Insurance Plan (AHCIP) Registry<br>National Ambulatory Care Services (NACRS)   |
| <b>Available Data Year:</b> | <p><b>Type of Year:</b> Fiscal year [starts April 1, ends March 31]</p> <p><b>Available Year:</b> 2022/23</p>   |
| <b>Geographic Coverage:</b> | The province of Alberta excluding the military and prisoners.   |
| <b>Reporting Levels:</b>    | Zone, PCN   |

| QUALITY STATEMENT                       |  |
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| <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>▪ Each woman is counted once regardless of the number of tests performed in a given time period.</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> |