

Patient Care Breast Cancer Screening Overdue

OntarioMD i4C Dashboard Indicator

For more information regarding OntarioMD Indicators or the EMR i4C Dashboard Specification, please refer to:

<https://www.ontariomd.ca/emr-certification/emr-specification/ontariomd-indicator-library>

1. VERSION HISTORY

INDICATOR VERSION	PUBLICATION DATE	REMARKS
1.0	2019-02-18	<ul style="list-style-type: none"> Initial release
2.0	2019-07-09	<ul style="list-style-type: none"> Added Indicator ID, Indicator Segment ID and Display Indicator Segment properties Changed format and content of Indicator User Help Changed format of Source property Indicator Segment IDs re-sequenced to provide consistency across indicators Indicator Segment Query Criteria clarifies that query result from a segment should produce a count of patients

2. INDICATOR DEFINITION

2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	PHC-CAN-002
Indicator Name	Patient Care Breast Cancer Screening Overdue
Indicator Version	2.0
Date Published	2019-07-09
Description	<p>Purpose:</p> <p>This indicator is used to prioritize patients that need a recall for breast cancer screening.</p> <p>Base Population:</p> <p>Patients overdue for breast cancer screening plus patients who are up-to-date for screening but will become overdue within seven months.</p> <p>Indicator Segments:</p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> Count of patients overdue for breast cancer screening, without test results pending and who haven't declined screening, and are ≤ 3 months overdue; Count of patients overdue for breast cancer screening, without test results pending and who haven't declined screening, and are > 3 months overdue; Count of patients overdue for breast cancer screening, with test results < 2 months pending; Count of patients overdue for breast cancer screening, with test results ≥ 2 months pending; Count of patients overdue for breast cancer screening, without test results pending, and who have declined screening; Count of patients who are up to date for breast cancer screening, but who will become overdue in < 4 months;

PROPERTY	VALUE
	<ul style="list-style-type: none"> Count of patients who are up to date for breast cancer screening, but who will become overdue in ≥ 4 months and < 7 months <p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to manage the recall of patients who are overdue, or in pending status for results, or will be coming due soon for a mammogram.</p> <p>Measurements of Interest:</p> <p>None currently recommended.</p>
Source	CIHI
Source Description	Based on the CIHI indicator framework, version November 2012.
Status	Active
Category	Preventive Health Care
Subcategory	Cancer
Indicator Order	2
Indicator Graphic Type	Stacked Bar Chart
Indicator Graphic Notes	<p>Bar 1: (Label as "Overdue: Action Required")</p> <ul style="list-style-type: none"> Indicator Segment ID 1 Indicator Segment ID 2 <p>Bar 2: (Label as "Overdue: Pending Test Result")</p> <ul style="list-style-type: none"> Indicator Segment ID 3 Indicator Segment ID 4

PROPERTY	VALUE
	<p>Bar 3: (Label as "Overdue: Declined Screening")</p> <ul style="list-style-type: none"> Indicator Segment ID 5 <p>Bar 4: (Label as "Up-to-date: Screening Due")</p> <ul style="list-style-type: none"> Indicator Segment ID 6 Indicator Segment ID 7
Indicator User Help	<p>Females 50-74: Breast Cancer Screening Recall</p> <p>Purpose:</p> <p>This indicator is used to prioritize patients that need a recall for breast cancer screening.</p> <p>Base Population:</p> <p>Patients overdue for breast cancer screening plus patients who are up-to-date for screening but will become overdue within seven months.</p> <p>Indicator Segments:</p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> Count of patients overdue for breast cancer screening, without test results pending and who haven't declined screening, and are ≤ 3 months overdue; Count of patients overdue for breast cancer screening, without test results pending and who haven't declined screening, and are > 3 months overdue; Count of patients overdue for breast cancer screening, with test results < 2 months pending; Count of patients overdue for breast cancer screening, with test results ≥ 2 months pending; Count of patients overdue for breast cancer screening, without test results pending, and who have declined screening; Count of patients who are up to date for breast cancer screening, but who will become overdue in < 4 months; Count of patients who are up to date for breast cancer screening, but who will become overdue in ≥ 4 months and < 7 months

PROPERTY	VALUE
	<p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to manage the recall of patients who are overdue, or in pending status for results, or will be coming due soon for a mammogram.</p> <p>Measurements of Interest:</p> <p>None currently recommended.</p> <p>Metric Criteria:</p> <p><u>≤ 3 months overdue¹</u>: Patients WITH a Screening Overdue (as defined under 'Patient Care Breast Cancer Screening') AND WITHOUT a 'mammogram screening declined' or a 'mammogram results pending' documented in the past 24 months, AND WITH a mammogram screening documented in the past 25-27 months inclusive.</p> <p><u>> 3 months overdue²</u>: Patients WITH a Screening Overdue (as defined under 'Patient Care Breast Cancer Screening'), AND WITHOUT a 'mammogram screening declined' or a 'mammogram results pending' documented in the past 24 months, AND WITHOUT a mammogram screening documented in the past 25-27 months inclusive.</p>

¹ Implementer may include EMR-specific information on the workflow for documenting mammogram screening, screening declined, and results pending.

² Implementer may include EMR-specific information on the workflow for documenting mammogram screening, screening declined, and results pending.

PROPERTY	VALUE
	<p><u>< 2 months pending³</u>: Patients WITH a Screening Overdue (as defined under 'Patient Care Breast Cancer Screening'), and WITH a 'mammogram results pending' documented less than 2 months ago.</p> <p><u>>= 2 months pending⁴</u>: Patients WITH a Screening Overdue (as defined under 'Patient Care Breast Cancer Screening'), and WITH a 'mammogram results pending' most recently documented within the past 3 -24 months inclusive.</p> <p><u>Declined⁵</u>: Patients WITH a Screening Overdue (as defined under 'Patient Care Breast Cancer Screening'), AND WITHOUT a 'mammogram results pending' documented in the past 24 months, AND WITH a 'mammogram screening declined' documented in the past 24 months.</p> <p><u>Due in < 4 months⁶</u>: Patients WITH an Up-to-date mammogram screening (as defined under 'Patient Care Breast Cancer Screening'), AND WITH the most recent mammogram screening documented between 21 and 24 months ago inclusive.</p> <p><u>Due in >= 4 and < 7 months⁷</u>: Patients WITH an Up-to-date mammogram screening (as defined under 'Patient Care Breast Cancer Screening'), and WITH the most recent mammogram screening documented between 17 and 20 months ago inclusive.</p>

³ Implementer may include EMR-specific information on the workflow for documenting mammogram screening and results pending.

⁴ Implementer may include EMR-specific information on the workflow for documenting mammogram screening and results pending.

⁵ : Implementer may include EMR-specific information on the workflow for documenting mammogram screening, screening declined and results pending.

⁶ : Implementer may include EMR-specific information on the workflow for documenting mammogram screening and results pending.

⁷ : Implementer may include EMR-specific information on the workflow for documenting mammogram screening and results pending.

2.2 Indicator Segment Properties

PROPERTY	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
Indicator Segment ID	1	2	3	4	5	6	7
Indicator Segment Label	<= 3 months Overdue	> 3 months Overdue	< 2 months Pending	>= 2 months Pending	Declined	Due in < 4 months	Due in >= 4 and < 7 months
Display Indicator Segment	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indicator Segment Query Criteria	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 24 months inclusive AND WITHOUT a documented <i>mammogram screening declined</i> in the last 24 months inclusive	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 27 months inclusive AND WITHOUT a documented <i>mammogram screening declined</i> in the last 24 months inclusive	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 24 months inclusive AND WITH a documented <i>mammogram results pending</i> in the last 2 months inclusive	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 24 months inclusive AND WITHOUT a documented <i>mammogram results pending</i> in the last 2 months inclusive	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 24 months inclusive AND WITHOUT a documented <i>mammogram results pending</i> in the last 24 months inclusive	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 20 months inclusive AND WITH a documented <i>mammogram screening</i> in the last 21 to 24 months inclusive	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented <i>mammogram exclusion</i> AND WITHOUT a documented <i>mammogram screening</i> in the last 16 months inclusive AND WITH a documented <i>mammogram screening</i> in the last 17 to 20 months inclusive

PROPERTY	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
	AND WITHOUT a documented <i>mammogram results pending</i> in the last 24 months inclusive AND WITH a documented <i>mammogram screening</i> in the past 25 to 27 months inclusive	AND WITHOUT a documented <i>mammogram results pending</i> in the last 24 months inclusive		AND WITH a documented <i>mammogram results pending</i> in the last 3 to 24 months inclusive	AND WITH a documented <i>mammogram screening declined</i> in the last 24 months inclusive		
Indicator Segment Query Notes	<p>Active Patients are patients identified as 'Active' in the Patient Status data element (<i>DE01.016</i>) within <i>Patient Demographics</i>.</p> <p>Female Patients are patients identified as 'F' or 'Female' in the Gender data element (<i>DE01.006</i>) within <i>Patient Demographics</i>.</p> <p>Patient Age can be calculated based on the difference between the current date and the patient's date of birth captured in the Date of Birth data element (<i>DE01.007</i>) within <i>Patient Demographics</i>.</p> <p>Mammogram Exclusion can be documented as:</p> <p>A <i>Q141A</i> Service Code that has been billed for the patient</p> <p>OR</p> <p>A coded diagnosis of <i>174</i> (ICD-9: Malignant neoplasm of female breast) or <i>V45.71</i> (ICD-9: Acquired absence of breast and nipple) captured in the Diagnosis/Problem data element (<i>DE06.004</i>) within <i>Ongoing Health</i></p> <p>OR</p> <p>A text diagnosis of "mastectomy", "cancer breast", "breast ca", or "ca breast" captured in the Diagnosis/Problem data element within <i>Ongoing Health</i> (<i>DE06.004</i>) or <i>Past Medical & Surgical</i> (<i>DE07.004</i>)</p> <p>OR</p>						

PROPERTY	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
	<p>Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR.</p> <p>Mammogram Screening can be documented as a <i>Q131A</i> Tracking Code that has been billed for the patient</p> <p>OR</p> <p>A report received from a sending facility identifying a mammogram screening has been completed either by report name, report categorization or report content</p> <p>OR</p> <p>A mammogram procedure captured in the Procedure data element (<i>DE07.006</i>) of <i>Past Medical & Surgical</i></p> <p>OR</p> <p>Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR.</p> <p>Mammogram Results Pending can be documented as:</p> <p>A mammogram procedure captured in the Procedure data element (<i>DE07.006</i>) of <i>Past Medical & Surgical</i> that identifies results as "pending"</p> <p>OR</p> <p>Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR.</p> <p>Mammogram Screening Declined can be documented as:</p> <p>A mammogram procedure captured in the Procedure data element (<i>DE07.006</i>) of <i>Past Medical & Surgical</i> that identifies screening as "declined"</p> <p>OR</p> <p>Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR.</p>						

PROPERTY	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
Patient List Criteria	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
	Patient Name	Patient Name	Patient Name	Patient Name	Patient Name	Patient Name	Patient Name
	Unique Patient Identifier	Unique Patient Identifier	Unique Patient Identifier	Unique Patient Identifier	Unique Patient Identifier	Unique Patient Identifier	Unique Patient Identifier
	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Patient Date of Birth	Patient Date of Birth	Patient Date of Birth	Patient Date of Birth	Patient Date of Birth	Patient Date of Birth	Patient Date of Birth
	Patient Age	Patient Age	Patient Age	Patient Age	Patient Age	Patient Age	Patient Age
	Patient Phone Number	Patient Phone Number	Patient Phone Number	Patient Phone Number	Patient Phone Number	Patient Phone Number	Patient Phone Number
	Latest Mammogram Screening	Latest Mammogram Screening	Latest Mammogram Screening	Latest Mammogram Screening	Latest Mammogram Screening	Latest Mammogram Screening	Latest Mammogram Screening
	Last Seen Date	Last Seen Date	Latest Mammogram Pending	Latest Mammogram Pending	Latest Mammogram Declined	Last Seen Date	Last Seen Date
	Next Appointment Date	Next Appointment Date	Last Seen Date	Last Seen Date	Last Seen Date	Next Appointment Date	Next Appointment Date
			Next Appointment Date	Next Appointment Date	Next Appointment Date		
Patient List Notes	<p>Patient Name is a combination of First Name (<i>DE01.003</i>) and Last Name (<i>DE01.002</i>) data items from <i>Patient Demographics</i>. Names may be displayed either as separate columns or concatenated into one column.</p> <p>Unique Patient Identifier is any data item from <i>Patient Demographics</i> that can be used by a physician or clinic to uniquely identify a patient when displayed. Examples include Health Card Number (<i>DE01.008</i>) or Chart Number (<i>DE01.012</i>).</p>						

PROPERTY	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
	<p>Patient Date of Birth is captured into <i>Patient Demographics</i> as Date of Birth (<i>DE01.007</i>).</p> <p>Patient Age is calculated data item representing the difference between the current date and Date of Birth (<i>DE01.007</i>) from <i>Patient Demographics</i>. Age should be displayed in years.</p> <p>Patient Phone Number is the preferred phone number for contacting a patient and may include Residence Phone (<i>DE02.007</i>), Cell Phone (<i>DE02.008</i>) or Work Phone (<i>DE02.009</i>) from <i>Patient Address</i>.</p> <p>Latest Mammogram Screening represents the result and/or date from the latest documented mammogram screening. This may also include a column displaying how the screening was documented (e.g., billing code, screening report, past medical history procedure, etc.)</p> <p>Latest Mammogram Pending is a date representing the last time a <i>Mammogram Results Pending</i> has been documented.</p> <p>Latest Mammogram Refused is a date representing the last time a <i>Mammogram Screening Refused</i> has been documented.</p> <p>Last Seen Date is a date representing the last time a patient was seen by the physician or another clinician within the clinic. This may be based on <i>Appointment Date/Time</i> (<i>DE15.001</i>), where appointments with status of 'No Show', 'Cancelled', or 'Deleted' are excluded, or this may be based on any additional documentation supported by the EMR to track when a patient has last been seen (e.g., encounter notes).</p> <p>Next Appointment Date is a date representing the next time a patient is scheduled to be seen by the physician or another clinician within the clinic. This may be based on <i>Appointment Date/Time</i> (<i>DE15.001</i>).</p>						