

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
2.1	2020-06-15	<ul style="list-style-type: none"> Indicator Segment Query Notes updated to provide clarification in distinguishing between codes /text used to identify procedures and codes/text to identify diagnoses within screening exclusions criteria. Layout of definition file changed to improve readability of indicator segment properties Description and User Help content now contained in separate document. Description and User Help attributes in definition now contain wording to confirm content is kept separately

2. INDICATOR DEFINITION

2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	PHC-CAN-002
Indicator Name	Patient Care Breast Cancer Screening Overdue
Indicator Version	2.1
Date Published	2020-06-15
Description	Indicator description is part of the User Help content, now maintained in a separate document within the i4C Dashboard Indicator Library.
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>

PROPERTY	VALUE
	<ul style="list-style-type: none"> • Indicator Segment ID 3 • Indicator Segment ID 4 <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	User Help content is now maintained in a separate document within the i4C Dashboard Indicator Library.
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 is any of the following documented in the EMR:</p> <ul style="list-style-type: none"> • A <i>Q141A</i> Service Code that has been billed for the patient; • 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 Diagnosis/Problem within <i>Ongoing Health (DE06.004)</i> or <i>Past Medical & Surgical (DE07.004)</i>; • A text entry of 'cancer breast', 'breast ca', or 'ca breast' captured in Diagnosis/Problem within <i>Ongoing Health (DE06.004)</i> or <i>Past Medical & Surgical (DE07.004)</i>; • A text entry of 'mastectomy' captured in Procedure (<i>DE07.006</i>) within <i>Past Medical & Surgical</i>; • Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR. <p>ICD-9 and ICD-10 are hierarchical coding systems built on general categories and (optional) specific subcategories. A dot separator is used to separate category from subcategory in representing a code. Some EMR offerings omit the dot separator in representing codes in data capture and EMR data searches. For these EMRs, vendors will omit the dot separator in searches and queries.</p> <p>Mammogram Screening is any of the following documented in the EMR:</p> <ul style="list-style-type: none"> • A <i>Q131A</i> Tracking Code that has been billed for the patient; • A report received from a sending facility identifying a mammogram screening has been completed either by report name, report categorization or report content;

PROPERTY	VALUE
	<ul style="list-style-type: none"> • A mammogram procedure captured in the Procedure data element (DE07.006) within <i>Past Medical & Surgical</i>; <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> <ul style="list-style-type: none"> • A mammogram procedure captured in the Procedure data element (DE07.006) of <i>Past Medical & Surgical</i> that identifies results as "pending", OR • Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR. <p>Mammogram Screening Declined can be documented as:</p> <ul style="list-style-type: none"> • A mammogram procedure captured in the Procedure data element (DE07.006) of <i>Past Medical & Surgical</i> that identifies screening as "declined", OR • Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR.
Patient List Notes	<p>Patient Name is a combination of First Name (DE01.003) and Last Name (DE01.002) 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 (DE01.008) or Chart Number (DE01.012).</p> <p>Patient Date of Birth is captured into <i>Patient Demographics</i> as Date of Birth (DE01.007).</p> <p>Patient Age is calculated data item representing the difference between the current date and Date of Birth (DE01.007) 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 (DE02.007), Cell Phone (DE02.008) or Work Phone (DE02.009) 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> (DE15.001), where appointments with status of 'No Show', 'Cancelled', or 'Deleted' are</p>

PROPERTY	VALUE
	<p>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 (DE15.001)</i>.</p>

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	<= 3 months Overdue	Yes	<p>COUNT OF:</p> <p>Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion</p> <p>AND WITHOUT a documented mammogram screening in the last 24 months inclusive AND WITHOUT a documented mammogram screening declined in the last 24 months inclusive</p> <p>AND WITHOUT a documented mammogram results pending in the last 24 months inclusive</p> <p>AND WITH a documented mammogram screening in the past 25 to 27 months inclusive</p>	<p>Mandatory</p> <p>Patient Name Unique Patient Identifier Patient Date of Birth</p> <p>Optional</p> <p>Patient Age Patient Phone Number Latest Mammogram Screening Last Seen Date Next Appointment Date</p>
2	> 3 months Overdue	Yes	<p>COUNT OF:</p> <p>Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion</p> <p>AND WITHOUT a documented mammogram screening in the last 27 months inclusive AND WITHOUT a documented mammogram screening declined in the last 24 months inclusive</p> <p>AND WITHOUT a documented mammogram results pending in the last 24 months inclusive</p>	<p>Mandatory</p> <p>Patient Name Unique Patient Identifier Patient Date of Birth</p> <p>Optional</p> <p>Patient Age Patient Phone Number Latest Mammogram Screening Last Seen Date Next Appointment Date</p>

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
3	< 2 months Pending	Yes	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion AND WITHOUT a documented mammogram screening in the last 24 months inclusive AND WITH a documented mammogram results pending in the last 2 months inclusive	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Mammogram Screening Latest Mammogram Pending Last Seen Date Next Appointment Date
4	>= 2 months Pending	Yes	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion AND WITHOUT a documented mammogram screening in the last 24 months inclusive AND WITHOUT a documented mammogram results pending in the last 2 months inclusive AND WITH a documented mammogram results pending in the last 3 to 24 months inclusive	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Mammogram Screening Latest Mammogram Pending Last Seen Date Next Appointment Date

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
5	Declined	Yes	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion AND WITHOUT a documented mammogram screening in the last 24 months inclusive AND WITHOUT a documented mammogram results pending in the last 24 months inclusive AND WITH a documented mammogram screening declined in the last 24 months inclusive	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Mammogram Screening Latest Mammogram Declined Last Seen Date Next Appointment Date
6	Due in < 4 months	Yes	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion AND WITHOUT a documented mammogram screening in the last 20 months inclusive AND WITH a documented mammogram screening in the last 21 to 24 months inclusive	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Mammogram Screening Last Seen Date Next Appointment Date

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
7	Due in ≥ 4 and < 7 months	Yes	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion AND WITHOUT a documented mammogram screening in the last 16 months inclusive AND WITH a documented mammogram screening in the last 17 to 20 months inclusive	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Mammogram Screening Last Seen Date Next Appointment Date