

Patient Care Breast Cancer Screening

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"> Add a new optional Patient List column to display latest Q131A tracking code submitted for billing, independent of when the last screening was captured in the EMR 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-001
Indicator Name	Patient Care Breast Cancer Screening
Indicator Version	2.0
Date Published	2019-07-09
Description	<p>Purpose:</p> <p>This indicator is used to assist with the management of preventive screening for breast cancer.</p> <p>Base Population:</p> <p>All female patients age 50 to 74 inclusive, with an Active demographic status recorded in the EMR.</p> <p>Indicator Segments:</p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> • Count of patients, who are not excluded from screening, with screening up to date (mammogram within the past 2 years); • Count of patients, who are not excluded from screening, with screening overdue; • Count of patients who are excluded from screening. <p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to review charts of patients overdue for a mammogram in order to manage the recall of patients.</p>

PROPERTY	VALUE
	Measurements of Interest: Percentage of patients with screening up to date out all patients with either screening up to date or screening overdue.
Source	CIHI
Source Description	Based on the CIHI indicator framework, version November 2012.
Status	Active
Category	Preventive Health Care
Subcategory	Cancer
Indicator Order	1
Indicator Graphic Type	Pie Chart, Bar Chart
Indicator Graphic Notes	
Indicator User Help	Females 50-74: Breast Cancer Screening Purpose: This indicator is used to assist with the management of preventive screening for breast cancer. Base Population: All female patients age 50 to 74 inclusive, with an Active demographic status recorded in the EMR.

PROPERTY	VALUE
	<p>Indicator Segments:</p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> • Count of patients, who are not excluded from screening, with screening up to date (mammogram within the past 2 years); • Count of patients, who are not excluded from screening, with screening overdue; • Count of patients who are excluded from screening. <p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to review charts of patients overdue for a mammogram in order to manage the recall of patients.</p> <p>Measurements of Interest:</p> <p>Percentage of patients with screening up to date out all patients with either screening up to date or screening overdue.</p> <p>Metric Criteria:</p> <p><u>Screening overdue</u>¹: Patients WITHOUT a mammogram screening documented or a Q131A tracking code billed in the past 24 months, who are NOT excluded.</p>

¹ Implementer may include EMR-specific information on the workflow for documenting mammogram screening.

PROPERTY	VALUE
	<p><u>Screening up to date</u>²: Patients WITH a mammogram screening documented or a Q131A tracking code billed in the past 24 months, who are NOT excluded.</p> <p><u>Excluded</u>³: Patients WITH a Q141A service code billed OR WITH any of the following diagnoses coded:</p> <ul style="list-style-type: none"> • V45.71: Acquired absence of breast and nipple (ICD-9) • 174: Malignant neoplasm of female breast (ICD-9) <p>OR WITH any of the following diagnoses documented as text:</p> <ul style="list-style-type: none"> • "mastectomy" • "cancer breast" • "breast ca" • "ca breast"

² Implementer may include EMR-specific information on the workflow for documenting mammogram screening.

³ Implementer may include EMR-specific information on the workflow(s) for documenting mammogram exclusions.

2.2 Indicator Segment Properties

PROPERTY	VALUE	VALUE	VALUE
Indicator Segment ID	1	2	3
Indicator Segment Label	Screening up to date	Screening Overdue	Excluded
Display Indicator Segment	Yes	Yes	Yes
Indicator Segment Query Criteria	COUNT OF: Active patients, female, age 50-74 inclusive AND WITHOUT a documented mammogram exclusion AND WITH a documented mammogram screening in the last 24 months inclusive	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	COUNT OF: Active patients, female, age 50-74 inclusive AND WITH a documented mammogram exclusion
Indicator Segment Query Notes	<p>Active Patients are patients identified as 'Active' in the Patient Status data element (DE01.016) within <i>Patient Demographics</i>.</p> <p>Female Patients are patients identified as 'F' or 'Female' in the Gender data element (DE01.006) 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 (DE01.007) within <i>Patient Demographics</i>.</p>		

PROPERTY	VALUE	VALUE	VALUE
	<p>Mammogram Exclusion can be documented as:</p> <ul style="list-style-type: none"> • A Q141A Service Code that has been billed for the patient, OR • A coded diagnosis of 174 (ICD-9: Malignant neoplasm of female breast) or V45.71 (ICD-9: Acquired absence of breast and nipple) captured in the Diagnosis/Problem data element (DE06.004) within <i>Ongoing Health</i>, OR • A text diagnosis of "mastectomy", "cancer breast", "breast ca", or "ca breast" captured in the Diagnosis/Problem data element within <i>Ongoing Health</i> (DE06.004) or <i>Past Medical & Surgical</i> (DE07.004), OR • Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR. <p>Mammogram Screening can be documented as:</p> <ul style="list-style-type: none"> • A Q131A Tracking Code that has been billed for the patient, OR • A report received from a sending facility identifying a mammogram screening has been completed either by report name, report categorization or report content, OR • A mammogram procedure captured in the Procedure data element (DE07.006) within <i>Past Medical & Surgical</i>, OR • Any additional documentation method representing best practice workflow(s) identified and supported across practices within a specific EMR. 		
Patient List Criteria	<p>Mandatory</p> <p>Patient Name</p> <p>Unique Patient Identifier</p> <p>Optional</p> <p>Patient Date of Birth</p> <p>Patient Age</p> <p>Patient Phone Number</p> <p>Patient Enrollment Status</p> <p>Patient Enrollment Status Date</p> <p>Latest Mammogram Screening</p>	<p>Mandatory</p> <p>Patient Name</p> <p>Unique Patient Identifier</p> <p>Optional</p> <p>Patient Date of Birth</p> <p>Patient Age</p> <p>Patient Phone Number</p> <p>Patient Enrollment Status</p> <p>Patient Enrollment Status Date</p> <p>Latest Mammogram Screening</p>	<p>Mandatory</p> <p>Patient Name</p> <p>Unique Patient Identifier</p> <p>Optional</p> <p>Patient Date of Birth</p> <p>Patient Age</p> <p>Patient Phone Number</p> <p>Patient Enrollment Status</p> <p>Patient Enrollment Status Date</p> <p>Latest Mammogram Screening</p>

PROPERTY	VALUE	VALUE	VALUE
	Latest Tracking Code Last Seen Date Next Appointment Date	Latest Tracking Code Last Seen Date Next Appointment Date	Latest Tracking Code Last Seen Date Next Appointment Date Latest Mammogram Exclusion Service Code
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> <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>Patient Enrollment Status represents whether the patient is currently enrolled, was enrolled but has been terminated, or has never been enrolled, and is captured into <i>Patient Demographics</i> as <i>Enrollment Status</i> (<i>DE01.019</i>)</p> <p>Patient Enrollment Status Date represents the date when a patient has been most recently enrolled or terminated by the clinic. If the patient is currently enrolled, then the date displayed will be the Enrollment Date (<i>DE01.020</i>) from <i>Patient Demographics</i>. If the patient is currently terminated, then the date displayed will be the Enrollment Termination Date (<i>DE01.021</i>) from <i>Patient Demographics</i>. If the patient has never been enrolled, then the date will be displayed as a null or blank value.</p>		

PROPERTY	VALUE	VALUE	VALUE
	<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 Tracking Code is a date representing the last time a Q131A tracking code has been billed for the patient (and is independent of the latest mammogram screening date, which may be identified by other means than billing code).</p> <p>Latest Mammogram Exclusion Service Code is a date representing the last time a Q141A Service Code has been billed for the patient.</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 (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 (DE15.001)</i>.</p>		