

Obesity 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 last seen date as an optional column in the Patient List Criteria 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-OBES-001
Indicator Name	Obesity Screening
Indicator Version	2.0
Date Published	2019-07-09
Description	<p>Purpose:</p> <p>This indicator is used to identify patients who are currently overweight or obese.</p> <p>Base Population:</p> <p>All patients age 18 and older who are not pregnant and who are between 91.4 cm and 210.8 cm in height.</p> <p>Indicator Segments:</p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> • Count of patients with latest documented BMI ≥ 40 (Obese class 1); • Count of patients with latest documented BMI ≥ 35 and < 40 (Obese class 2); • Count of patients with latest documented BMI ≥ 30 and < 35 (Obese class 3); • Count of patients with latest documented BMI ≥ 25 and < 30 (Overweight); • Count of patients with latest documented BMI ≥ 18.5 and < 25 (Ideal weight); • Count of patients with latest documented BMI < 18.5 (Underweight); • Count of patients without BMI documented in the last year.

PROPERTY	VALUE
	<p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to identify patients for referral to a weight management program.</p> <p>Measurements of Interest:</p> <ul style="list-style-type: none"> Percentage of patients who are overweight or obese out of all patients from the base population who have BMI documented in the last year; Percentage of patients with a documented BMI in the last year out of all patients in the base population.
Source	CIHI
Source Description	Based on the CIHI indicator framework, version published November 2012 and modified to align with obesity classes defined by Canadian Guidelines for Body Weight Classification in Adults, published in January 2015.
Status	Active
Category	Preventive Health Care
Subcategory	Obesity
Indicator Order	1
Indicator Graphic Type	Pie Chart, Bar Chart
Indicator Graphic Notes	
Indicator User Help	<p>Adults 18+: Obesity Screening</p> <p>Purpose:</p> <p>This indicator is used to identify patients who are currently overweight or obese.</p>

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	<p>Base Population:</p> <p>All patients age 18 and older who are not pregnant and who are between 91.4 cm and 210.8 cm in height.</p> <p>Indicator Segments:</p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> • Count of patients with latest documented BMI ≥ 40 (Obese class 1); • Count of patients with latest documented BMI ≥ 35 and < 40 (Obese class 2); • Count of patients with latest documented BMI ≥ 30 and < 35 (Obese class 3); • Count of patients with latest documented BMI ≥ 25 and < 30 (Overweight); • Count of patients with latest documented BMI ≥ 18.5 and < 25 (Ideal weight); • Count of patients with latest documented BMI < 18.5 (Underweight); • Count of patients without BMI documented in the last year. <p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to identify patients for referral to a weight management program.</p> <p>Measurements of Interest:</p> <p>Percentage of patients who are overweight or obese out of all patients from the base population who have BMI documented in the last year;</p> <p>Percentage of patients with a documented BMI in the last year out of all patients in the base population.</p> <p>Metric Criteria:</p> <p><u>Obese Class 3</u>: WITH latest BMI greater than or equal to 40</p> <p><u>Obese Class 2</u>: WITH latest BMI greater than or equal to 35 and less than 40</p> <p><u>Obese Class 1</u>: WITH latest BMI greater than or equal to 30 and less than 35</p> <p><u>Overweight</u>: WITH latest BMI greater than or equal to 25 and less than 30</p>

PROPERTY	VALUE
	<p><u>Ideal weight</u>: WITH latest BMI greater than or equal to 18.5 and less than 25</p> <p><u>Underweight</u>: WITH latest BMI less than 18.5</p> <p><u>BMI not recorded</u>: WITHOUT BMI documented</p>

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	Obese Class 1	Obese Class 2	Obese Class 3	Overweight	Ideal Weight	Underweight	BMI not recorded
Display Indicator Segment	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indicator Segment Query Criteria	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITH latest documented BMI >= 40	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITH latest documented BMI >= 35 and < 40	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITH latest documented BMI >= 30 and < 35	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITH latest documented BMI >= 25 and < 30	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITH latest documented BMI >= 18.5 and < 25	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITH latest documented BMI < 18.5	COUNT OF: Active patients, age 18 or older AND who are not documented with a current pregnancy AND WITH a documented height between 91.4 cm and 210.8 cm AND WITHOUT documented BMI
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>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	VALUE	VALUE	VALUE	VALUE
	<p>Current Pregnancy can be documented as a P003A service code that has been billed for the patient within the past 9 months, OR an antenatal record documented within the past 9 months using best practice data capture workflow(s) identified and supported across practices within a specific EMR.</p> <p>Height and BMI are captured as data elements within <i>Generic Care Elements (DE16)</i>.</p>						
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>Latest BMI</p> <p>Last Seen Date</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>Latest BMI</p> <p>Last Seen Date</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>Latest BMI</p> <p>Last Seen Date</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>Latest BMI</p> <p>Last Seen Date</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>Latest BMI</p> <p>Last Seen Date</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>Latest BMI</p> <p>Last Seen Date</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>Latest BMI</p> <p>Last Seen Date</p>
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 BMI represents the value (<i>DE16.009</i>) and/or date (<i>DE16.010</i>) from the latest BMI 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>						