

Smoking Status

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-SMK-001
Indicator Name	Smoking Status
Indicator Version	2.0
Date Published	2019-07-09
Description	<p>Purpose: This indicator is used to identify patients without smoking status documented.</p> <p>Base Population: All patients age 12 or older, with an Active demographic status recorded in the EMR.</p> <p>Indicator Segments: Indicator segments provide patient counts for patients who have been documented as smokers in the EMR, patients who have been documented as nonsmokers in the EMR, and patients for whom smoking status hasn't been documented in the EMR.</p> <p>Suggested Indicator Use: Physician or practice use of this indicator is to identify patients who haven't had smoking status documented and manage the process for initiating the screening of smoking status for these patients.</p>

PROPERTY	VALUE
	Measurements of Interest: Percentage of patients who have been documented as smokers or nonsmokers out of the base population.
Source	AFHTO
Source Description	Based on the AFHTO indicator framework version D2D 5.0 v1 published June 2017.
Status	Active
Category	Preventive Health Care
Subcategory	Smoking
Indicator Order	1
Indicator Graphic Type	Pie Chart, Bar Chart
Indicator Graphic Notes	
Indicator User Help	<p>Pts 12+: Smoking Status</p> <p>Purpose: This indicator is used to identify patients without smoking status documented.</p> <p>Base Population: All patients age 12 or older, with an Active demographic status recorded in the EMR.</p> <p>Indicator Segments: Indicator segments provide patient counts for patients who have been documented as smokers in the EMR, patients who have been documented as nonsmokers in the EMR, and patients for whom smoking status hasn't been documented in the EMR.</p>

PROPERTY	VALUE
	<p>Suggested Indicator Use:</p> <p>Physician or practice use of this indicator is to identify patients who haven't had smoking status documented and manage the process for initiating the screening of smoking status for these patients.</p> <p>Measurements of Interest:</p> <p>Percentage of patients who have been documented as smokers or nonsmokers out of the base population.</p> <p>Metric Criteria:</p> <p><u>Smokers</u>: Provide EMR-specific information on expected workflow to document patients who smoke</p> <p><u>Nonsmokers</u>: Provide EMR-specific information on expected workflow to documented patients who are nonsmokers, including former smokers, or people who never smoked.</p> <p><u>Not documented</u>: Provide EMR-specific information on expected workflow to documented smoking status.</p>

2.2 Indicator Segment Properties

PROPERTY	VALUE	VALUE	VALUE
Indicator Segment ID	1	2	3
Indicator Segment Label	Smokers	Nonsmokers	Not documented
Display Indicator Segment	Yes	Yes	Yes
Indicator Segment Query Criteria	COUNT OF: Active patients age 12 or older AND WITH most recent <i>smoking status</i> as a <i>smoker</i>	COUNT OF: Active patients age 12 or older AND WITH most recent <i>smoking status</i> documented as a <i>nonsmoker</i>	COUNT OF: Active patients age 12 or older AND WITHOUT <i>smoking status</i> ever documented
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>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>Smoking Status is represented as a Yes/No value ('Y', 'y', 'N', 'n') in the Smoking Status data element (<i>DE16.013</i>) within <i>Care Elements (DE16)</i>. Data capture within an EMR should reflect EMR best practice workflow(s) for smoking status data entry.</p> <p>Nonsmoker is represented as 'N' or 'n' in the Smoking Status data element (<i>DE16.013</i>) within <i>Care Elements (DE16)</i>.</p> <p>Smoker is represented as 'Y' or 'y' in the Smoking Status data element (<i>DE16.013</i>) within <i>Care Elements (DE16)</i>.</p>		

PROPERTY	VALUE	VALUE	VALUE
Patient List Criteria	Mandatory Patient Name Unique Patient Identifier Optional Patient Date of Birth Patient Age Patient Phone Number Most Recent Smoking Status Last Seen Date	Mandatory Patient Name Unique Patient Identifier Optional Patient Date of Birth Patient Age Patient Phone Number Most Recent Smoking Status Last Seen Date	Mandatory Patient Name Unique Patient Identifier Optional Patient Date of Birth Patient Age Patient Phone Number Last Seen 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> <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 a 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>		

PROPERTY	VALUE	VALUE	VALUE
	<p>Most Recent Smoking Status displays information on the most recent smoking status documented and may include value entered and/or date 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 (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>		