

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 |
| 2.1 | 2020-06-15 | <ul style="list-style-type: none"> 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-SMK-001 |
| Indicator Name | Smoking Status |
| 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 | 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 or Bar Chart |
| Indicator Graphic Notes | |
| Indicator User Help | User Help content is now maintained in a separate document within the i4C Dashboard Indicator Library. |

| PROPERTY | VALUE |
|-------------------------------|---|
| 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> <p>Smoking Status is represented as a Yes/No value ('Y', 'y', 'N', 'n') in the Smoking Status data element (DE16.013) 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 (DE16.013) within <i>Care Elements (DE16)</i>.</p> <p>Smoker is represented as 'Y' or 'y' in the Smoking Status data element (DE16.013) within <i>Care Elements (DE16)</i>.</p> |
| 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 a 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>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> |

2.2 Indicator Segment Properties

| Indicator Segment ID | Indicator Segment Label | Display Indicator Segment | Indicator Segment Query Criteria | Patient List Criteria |
|----------------------|-------------------------|---------------------------|---|--|
| 1 | Smokers | Yes | COUNT OF: Active patients age 12 or older AND WITH most recent smoking status as a smoker | Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Most Recent Smoking Status Last Seen Date |
| 2 | Nonsmokers | Yes | COUNT OF: Active patients age 12 or older AND WITH most recent smoking status documented as a nonsmoker | Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Most Recent Smoking Status Last Seen Date |
| 3 | Not documented | Yes | COUNT OF: Active patients age 12 or older AND WITHOUT smoking status ever documented | Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Last Seen Date |