

Pneumococcal Immunization

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. INDICATOR DEFINITION

2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	PHC-IMM-004
Indicator Name	Pneumococcal Immunization
Indicator Version	2.0
Date Published	2019-07-09
Description	<p>Purpose: This indicator is used to identify patients age 65+ who are immunized against pneumonia.</p> <p>Base Population: All patients aged 65 years and older, with an Active demographic status recorded in the EMR.</p> <p>Indicator Segments: Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> Count of patients with a pneumococcal immunization documented in the EMR; Count of patients without a pneumococcal immunization documented in the EMR, and without an immunization refusal documented in the EMR within the last 12 months; Count of patients without a pneumococcal immunization documented in the EMR, and with an immunization refusal documented in the EMR within the last 12 months. <p>Suggested Indicator Use: This indicator may assist in reviewing the process for pneumonia vaccinations.</p>

PROPERTY	VALUE
	Measurements of Interest: Percentage of patients who have been immunized against pneumonia out of the base population.
Source	HQO
Source Description	Based on the HQO indicator framework version published in October 2015.
Status	Active
Category	Preventive Health Care
Subcategory	Immunizations
Indicator Order	4
Indicator Graphic Type	Pie Chart, Bar Chart
Indicator Graphic Notes	
Indicator User Help	Adults 65+: Pneumococcal Immunization Purpose: This indicator is used to identify patients age 65+ who are immunized against pneumonia. Base Population: All patients aged 65 years and older, with an Active demographic status recorded in the EMR. Indicator Segments:

PROPERTY	VALUE
	<p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> Count of patients with a pneumococcal immunization documented in the EMR; Count of patients without a pneumococcal immunization documented in the EMR, and without an immunization refusal documented in the EMR within the last 12 months; Count of patients without a pneumococcal immunization documented in the EMR, and with an immunization refusal documented in the EMR within the last 12 months. <p>Suggested Indicator Use:</p> <p>This indicator may assist in reviewing the process for pneumonia vaccinations.</p> <p>Measurements of Interest:</p> <p>Percentage of patients who have been immunized against pneumonia out of the base population.</p> <p>Metric Criteria:</p> <p><u>Pneumococcal overdue</u>: WITHOUT a Pneumococcal immunization documented and WITHOUT a Pneumococcal immunization refusal documented in the last 12 months.</p> <p><u>Pneumococcal up to date</u>: WITH a Pneumococcal immunization documented.</p> <p><u>Pneumococcal refused</u>: WITHOUT a Pneumococcal immunization documented and WITH a Pneumococcal immunization refusal documented in the last 12 months.</p>

2.2 Indicator Segment Properties

PROPERTY	VALUE	VALUE	VALUE
Indicator Segment ID	1	2	3
Indicator Segment Label	Pneumococcal received	Pneumococcal overdue	Pneumococcal refused
Display Indicator Segment	Yes	Yes	Yes
Indicator Segment Query Criteria	COUNT OF: Active patients age 65 or older AND WITH a <i>pneumococcal immunization</i> documented	COUNT OF: Active patients age 65 or older AND WITHOUT a <i>pneumococcal immunization</i> documented AND WITHOUT a <i>pneumococcal immunization refused</i> documented in the last 12 months	COUNT OF: Active patients age 65 or older AND WITHOUT a <i>pneumococcal immunization</i> documented AND WITH a <i>pneumococcal immunization refused</i> documented in the last 12 months
Indicator Segment Query Notes	<p>Active Patients are patients identified as 'Active' in the <i>Patient Status data</i> 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 <i>Date of Birth</i> data element (DE01.007) within <i>Patient Demographics</i>.</p> <p>Pneumococcal Immunization is a pneumococcal conjugate (Pneu-C-13) or polysaccharide (Pneu-P-23) vaccine documented within <i>Immunizations</i> (DE08), and is identified either by Immunization Name (DE08.001), Immunization Code (DE08.002) or Immunization Type (DE08.003) WHERE data element Refused Indicator (DE08.011) identifies the immunization as 'administered'.</p>		

PROPERTY	VALUE	VALUE	VALUE
	Pneumococcal immunization refused is a pneumococcal conjugate (Pneu-C-13) or polysaccharide (Pneu-P-23) vaccine documented within <i>Immunizations (DE08)</i> , and is identified either by Immunization Name (<i>DE08.001</i>), Immunization Code (<i>DE08.002</i>) or Immunization Type (<i>DE08.003</i>) WHERE data element Refused Indicator (<i>DE08.011</i>) identifies the immunization as 'refused'.		
Patient List Criteria	Mandatory Patient Name Unique Patient Identifier Optional Patient Date of Birth Patient Age Patient Phone Number Immunization Received	Mandatory Patient Name Unique Patient Identifier Optional Patient Date of Birth Patient Age Patient Phone Number	Mandatory Patient Name Unique Patient Identifier Optional Patient Date of Birth Patient Age Patient Phone Number Immunization Refusal
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>Immunization Received displays information on Pneumococcal vaccines that have been received. Information may include the type of vaccine (Pneu-C-13), (Pneu-P-23) and date(s) when either or both have been received.</p> <p>Immunization Refusal displays the date of the latest documented <i>pneumococcal immunization refused</i>.</p>		