

Patient Care Influenza 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-003
Indicator Name	Patient Care Influenza Immunization
Indicator Version	2.0
Date Published	2019-07-09
Description	<p>Purpose:</p> <p>This indicator is used to identify patients age 65+ who are immunized against influenza.</p> <p>Base Population:</p> <p>All patients aged 65 years and older, 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 with an influenza immunization that is documented in the EMR as having been received between October 1 and January 31 of the current flu season; Count of patients without an influenza immunization received during the current flu season, and who haven't refused the immunization during the current flu season; Count of patients without an influenza immunization received during the current flu season, and who have refused the immunization during the current flu season.

PROPERTY	VALUE
	<p>Suggested Indicator Use:</p> <p>Practice use of this indicator is to identify patients who haven't received the flu shot during the current flu season and to remind them of upcoming flu clinics at the office or remind them to let the office know if they received the flu shot elsewhere.</p> <p>Measurements of Interest:</p> <p>Percentage of patients who have been immunized against influenza out of the base population.</p>
Source	CIHI
Source Description	Based on the CIHI indicator framework version published in November 2012 and modified to synchronize with the Preventive Care Bonus report service period for flu shots.
Status	Active
Category	Preventive Health Care
Subcategory	Immunizations
Indicator Order	3
Indicator Graphic Type	Pie Chart, Bar Chart
Indicator Graphic Notes	
Indicator User Help	<p>Adults 65+: Annual Influenza Immunization</p> <p>Purpose:</p> <p>This indicator is used to identify patients age 65+ who are immunized against influenza.</p>

PROPERTY	VALUE
	<p>Base Population:</p> <p>All patients aged 65 years and older, 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 with an influenza immunization that is documented in the EMR as having been received between October 1 and January 31 of the current flu season; • Count of patients without an influenza immunization received during the current flu season, and who haven't refused the immunization during the current flu season; • Count of patients without an influenza immunization received during the current flu season, and who have refused the immunization during the current flu season. <p>Suggested Indicator Use:</p> <p>Practice use of this indicator is to identify patients who haven't received the flu shot during the current flu season and to remind them of upcoming flu clinics at the office or remind them to let the office know if they received the flu shot elsewhere.</p> <p>Measurements of Interest:</p> <p>Percentage of patients who have been immunized against influenza out of the base population.</p> <p>Metric Criteria:</p> <p><u>Influenza overdue:</u> WITHOUT an Influenza immunization or tracking code of Q130A documented between Oct 1 and Jan 31 of the current flu season and WITHOUT an Influenza immunization refusal documented between Oct 1 and Jan 31 of the current flu season.</p> <p><u>Influenza up to date:</u> WITH an Influenza immunization or a tracking code of Q130A documented between Oct 1 and Jan 31 of the current flu season.</p>

PROPERTY	VALUE
	<p><u>Influenza refused:</u> WITHOUT an Influenza immunization or a tracking code of Q130A documented between Oct 1 and Jan 31 of the current flu season and WITH an Influenza immunization refusal documented between Oct 1 and Jan 31 of the current flu season.</p>

2.2 Indicator Segment Properties

PROPERTY	VALUE	VALUE	VALUE
Indicator Segment ID	1	2	3
Indicator Segment Label	Influenza up to date	Influenza overdue	Influenza refused
Display Indicator Segment	Yes	Yes	Yes
Indicator Segment Query Criteria	COUNT OF: Active patients, age 65 or older AND WITH an <i>influenza immunization</i> documented between October 1 and January 31 in the <i>current flu season</i>	COUNT OF: Active patients, age 65 or older AND WITHOUT an <i>influenza immunization</i> documented between October 1 and January 31 in the <i>current flu season</i> AND WITHOUT an <i>influenza immunization refused</i> documented between October 1 and January 31 in the <i>current flu season</i>	COUNT OF: Active patients, age 65 or older AND WITHOUT an <i>influenza immunization</i> documented between October 1 and January 31 in the <i>current flu season</i> AND WITH an <i>influenza immunization refused</i> documented between October 1 and January 31 in the <i>current flu season</i>
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>Influenza Immunization is a Q130A Tracking Code that has been billed for the patient OR is documented within <i>Immunizations</i> (<i>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 'administered'.</p>		

PROPERTY	VALUE	VALUE	VALUE
	<p>Influenza immunization refused is 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'.</p> <p>Current flu season:</p> <p>IF the current date falls before October 1 in the current calendar year, THEN the current flu season begins October 1 of the previous calendar year and ends September 30 of the current calendar year.</p> <p>ELSE</p> <p>The current flu season begins on October 1 of the current calendar year and ends September 30 of the subsequent calendar year.</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 Immunization</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 Immunization</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 Immunization</p> <p>Latest Immunization Refusal</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>		

PROPERTY	VALUE	VALUE	VALUE
	<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>Latest Immunization displays the date of the latest documented <i>influenza immunization</i>. Optionally, an additional column may be used to display how the immunization was documented (tracking code or immunization administered).</p> <p>Latest Immunization Refusal displays the date of the latest documented <i>influenza immunization refused</i> that has been recorded between October 1 and January 31 of the current flu season.</p>		