

COPD 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	2020-01-31	<ul style="list-style-type: none"> Initial Release
2.0	2020-06-15	<ul style="list-style-type: none"> Include all codes within ICD-9, ICD-10 top-level hierarchies (491, 492, J43) Removal of Description and Indicator User Help content. Content will be maintained within a separate document in the i4C Dashboard Indicator Library.

2. INDICATOR DEFINITION

2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	CDM-COPD-005
Indicator Name	COPD Influenza Immunization
Indicator Version	2.0
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	HQO
Source Description	Based on the HQO Quality Standards for COPD Published 2018.
Status	Active
Category	CDM
Subcategory	COPD

Indicator Order	5
Indicator Graphic Type	Bar Chart, Pie Chart or Stacked Bar Chart
Indicator Graphic Notes	<p>Indicator can be displayed as an individual pie chart or bar chart, or as a stacked bar chart representing the following group of indicators:</p> <ul style="list-style-type: none"> • CDM-COPD-003 • CDM-COPD-004 • CDM-COPD-005 • CDM-COPD-006 <p>For the stacked bar option, each bar must be labelled with the indicator name and each bar segment represents an indicator segment.</p>
Indicator User Help	User Help content is now maintained in a separate document within the i4C Dashboard Indicator Library.
Indicator Query Segment Notes	<p>ACTIVE PATIENTS are patients identified as 'Active' in the Patient Status data element (DE01.016) within Patient Demographics</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 Patient Demographics</p> <p>COPD CODED DIAGNOSIS is any of the following codes captured in the Diagnosis/Problem data element (DE06.004) within Ongoing Health:</p> <ul style="list-style-type: none"> • 491, 491.*, 492, 492.*, 493.9, 496 (ICD-9 Coding System) • J43, J43.*, J44.0, J44.1, J44.8, J44.9 (ICD-10 Coding System) • 196001008, 106001000119101, 10692721000119102, 195951007, 285381006, 1751000119100, 293241000119100, 442025000, 195949008, 59903001, 737180005, 762618008, 401000119107, 185086009, 233673002, 10692761000119107, 47938003, 40100001, 22482002, 697911002, 13645005, 313297008, 313299006, 135836000, 313296004 (SNOMED-CT Coding System) <p>INFLUENZA IMMUNIZATION is a Q130A Tracking Code that has been billed for the patient OR is documented within Immunizations (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>

	<p>INFLUENZA IMMUNIZATION REFUSED is documented within Immunizations (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 'refused'.</p> <p>CURRENT FLU SEASON: IF the current date falls before October 1st in the current calendar year THEN the current flu season begins October 1st of the previous calendar year and ends September 30th of the current calendar year ELSE The current flu season begins on October 1st of the current calendar year and ends September 30th of the subsequent calendar year</p>
Patient List Notes	<p>PATIENT NAME is a combination of First Name (DE01.003) and Last Name (DE01.002) data items from Patient Demographics. Names may be displayed either as separate columns or concatenated into one column.</p> <p>UNIQUE PATIENT IDENTIFIER is any data item from Patient Demographics 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 Patient Demographics as Date of Birth (DE01.007)</p> <p>PATIENT AGE is calculated data item representing the difference between the current date and Date of Birth (DE01.007) from Patient Demographics. 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 Patient Address.</p> <p>LATEST IMMUNIZATION displays the date of the latest documented influenza immunization. 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 influenza immunization refused that has been recorded between October 1st and January 31st of the current flu season.</p>

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	Immunization Received	Yes	COUNT OF: Active patients, age 65 or older WITH a coded diagnosis of COPD AND WITH an influenza immunization documented between October 1 and January 31 in the current flu season	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Immunization
2	Immunization Overdue	Yes	COUNT OF: Active patients, age 65 or older WITH a coded diagnosis of COPD AND WITHOUT an influenza immunization documented between October 1 and January 31 in the current flu season AND WITHOUT an influenza immunization refused documented between October 1 and January 31 in the current flu season	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Immunization
3	Immunization Refused	Yes	COUNT OF: Active patients, age 65 or older WITH a coded diagnosis of COPD AND WITHOUT an influenza immunization documented between October 1 and January 31 in the current flu season AND WITH an influenza immunization refused documented between October 1 and January 31 in the current flu season	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Immunization

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
				Latest Immunization Refusal