

COPD Identification

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-specifcation/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, 491, J43) Include “chronic bronchitis” as text dx value 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-001
Indicator Name	COPD Identification
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	CPCSSN
Source Description	Based on CPCSSN Case Definitions v2 published July 2019 with additional information on disease codes provided by CIHI.
Status	Active
Category	CDM

Subcategory	COPD
Indicator Order	1
Indicator Graphic Type	Table
Indicator Graphic Notes	
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>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>COPD TEXT DIAGNOSIS OR PROBLEM is any of the following text elements captured in the Diagnosis/Problem data elements within Ongoing Health (DE06.004) or Past Medical & Surgical (DE07.004): 'COPD', 'chronic bronchitis', or 'emphysema'.</p> <p>BILLS CONTAINING A COPD DIAGNOSIS are any bills submitted for a patient with diagnosis coded 491, 492, or 496 attached.</p> <p>CURRENT COPD MEDICATION is a patient medication recorded in Medications (DE09) AND is not a Past Medication (DE09.017) , AND which is identified as a COPD medication by any Drug Code (DE09.005) or Medication Name (DE09.003) that belong to ATC drug classifications starting with 'R03BB', 'R03AKD4', or 'R03AL' within the EMR's drug database.</p>

<p>Patient List Notes</p>	<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 a 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>COPD DIAGNOSIS CODES is a delimited listing of all diagnosis codes for COPD that have been captured in the Ongoing Health Diagnosis/Problem data element (DE06.004) for a patient.</p> <p>COPD TEXT DIAGNOSES is a delimited listing of all text elements for COPD that have been captured in Ongoing Health Diagnosis/Problem (DE06.004) or Past Medical & Surgical History Diagnosis/Problem (DE07.004) for a patient.</p> <p>COUNT OF BILLS WITH COPD DIAGNOSIS is a count of bills submitted for a patient with a COPD diagnosis attached.</p> <p>COPD MEDICATIONS is a delimited listing of all COPD medication names currently prescribed for a patient.</p>
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2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	COPD Coded	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD	<p>Mandatory</p> <ul style="list-style-type: none"> Patient Name Unique Patient Identifier Patient Date of Birth <p>Optional</p> <ul style="list-style-type: none"> Patient Age Patient Phone Number COPD Diagnosis Codes
2	Documented as text but not coded	Yes	COUNT OF: Active patients WITHOUT a coded diagnosis of COPD AND WITH COPD documented as text diagnosis or problem	<p>Mandatory</p> <ul style="list-style-type: none"> Patient Name Unique Patient Identifier Patient Date of Birth <p>Optional</p> <ul style="list-style-type: none"> Patient Age Patient Phone Number COPD Text Diagnoses
3	Dx in 2+ bills but not coded	Yes	COUNT OF: Active patients WITHOUT a coded diagnosis of COPD AND WITH two or more bills containing a COPD diagnosis	<p>Mandatory</p> <ul style="list-style-type: none"> Patient Name Unique Patient Identifier Patient Date of Birth <p>Optional</p> <ul style="list-style-type: none"> Patient Age Patient Phone Number Count of Bills With COPD Diagnosis

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
4	Medication Present but not coded	Yes	COUNT OF: Active patients WITHOUT a coded diagnosis of COPD AND WITH one or more Current COPD Medication	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number COPD Medications
5	Not-coded Total	Yes	COUNT OF: Active patients WITHOUT a coded diagnosis of COPD AND WITH (COPD documented as text diagnosis or problem OR 2 or more bills containing a COPD diagnosis OR one or more Current COPD Medications)	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number COPD Text Diagnoses Count of Bills With COPD Diagnosis COPD Medications