

# COPD Short-Acting Bronchodilator Prescribed

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

## 2. INDICATOR DEFINITION

### 2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	CDM-COPD-004
Indicator Name	COPD Short-Acting Bronchodilator Prescribed
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	4
Indicator Graphic Type	Pie, Bar, 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"> <li>• CDM-COPD-003</li> <li>• CDM-COPD-004</li> <li>• CDM-COPD-005</li> <li>• CDM-COPD-006</li> </ul> <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>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"> <li>• 491, 491.*, 492, 492.*, 493.9, 496 (ICD-9 Coding System)</li> <li>• J43, J43.*, J44.0, J44.1, J44.8, J44.9 (ICD-10 Coding System)</li> <li>• 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)</li> </ul> <p>SHORT-ACTING BRONCHODILATOR is a patient medication recorded in Medications (DE09) AND is identified by any of the following text within the brand or generic medication name: "Terbutaline", "Bricanyl", "Ventolin", or "Salbutamol".</p>

	<p>PRESCRIBED WITHIN THE LAST 12 MONTHS is based on the difference between the current date and the medication Start Date data element (DE09.002) within Medications (DE09).</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>SHORT-ACTING BRONCHODILATORS is a concatenated listing of medication names [DE09.003], along with (if possible) either the Prescription Written Date (DE09.001) or Start Date [DE09.002] of Short-Acting Bronchodilator prescriptions.</p>

## 2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	1+ Prescribed in Past Year	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD AND WITH one or more Short-Acting Bronchodilators prescribed within the last 12 months.	<b>Mandatory</b> Patient Name Unique Patient Identifier Patient Date of Birth  <b>Optional</b> Patient Age Patient Phone Number Short-Acting Bronchodilators Prescribed
2	None Prescribed in Past Year	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD AND WITHOUT one or more Short-Acting Bronchodilators prescribed within the last 12 months.	<b>Mandatory</b> Patient Name Unique Patient Identifier Patient Date of Birth  <b>Optional</b> Patient Age Patient Phone Number