

COPD Inhaled Corticosteroids 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"> Initial Release
2.0	2020-06-15	<ul style="list-style-type: none"> New segments: On inhaled corticosteroids with BOTH long-acting B2 agonists (LABA) and anticholinergic bronchodilator (AB), on inhaled corticosteroids with ONLY LABA, on inhaled corticosteroids with NEITHER LABA or AB, 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-003
Indicator Name	COPD Inhaled Corticosteroids 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	3
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"> • 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>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>CURRENT INHALED CORTICOSTEROID PRESCRIPTION is a patient medication recorded in Medications (DE09) AND is not a Past Medication (DE09.017) AND is identified by any of the following text within the brand or generic medication name: "Flunisolide", "Ciclesonide", "Budesonide", "Fluticasone", "Beclomethasone", or "Mometasone"</p>

	<p>CURRENT LONG-ACTING BETA2 AGONIST PRESCRIPTION is a patient medication recorded in Medications (DE09) AND is not a Past Medication (DE09.017) AND is identified by any of the following text within the brand or generic medication name: “Aformoterol”, “Formoterol”, “Indacaterol”, “Olodaterol”, or “Salmeterol”</p> <p>CURRENT ANTICHOLINERGIC BRONCHODILATOR PRESCRIPTION is a patient medication recorded in Medications (DE09) AND is not a Past Medication (DE09.017) AND is identified by any of the following text within the brand or generic medication name: “Ipratropium bromide”, “Aclidinium bromide”, “Glycopyrronium bromide”, “Tiotropium”, or “Umeclidinium”</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 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>CURRENT INHALED CORTICOSTEROIDS 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 Current Inhaled Corticosteroid medications.</p> <p>PAST INHALED CORTICOSTEROIDS 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 Past Inhaled Corticosteroid medications.</p>

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	Inhaled Corticosteroids with LABA and AB	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD AND WITH one or more Current Inhaled Corticosteroid prescriptions AND WITH one or more Current Long-acting B2 agonist prescriptions AND WITH one or more Current Anticholinergic Bronchodilator prescriptions	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number
2	Inhaled Corticosteroids with LABA only	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD AND WITH one or more Current Inhaled Corticosteroid prescriptions AND WITH one or more Current Long-acting B2 agonist prescriptions AND WITHOUT any Current Anticholinergic Bronchodilator prescriptions	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number
3	Inhaled Corticosteroids with AB only	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD AND WITH one or more Current Inhaled Corticosteroid prescriptions AND WITHOUT any Current Long-acting B2 agonist prescriptions AND WITH one or more Current Anticholinergic Bronchodilator prescriptions	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
4	Inhaled Corticosteroids without LABA or AB	Yes	COUNT OF: Active patients WITH a coded diagnosis of COPD AND WITH one or more Current Inhaled Corticosteroid prescriptions AND WITHOUT any Current Long-acting B2 agonist prescriptions AND WITHOUT any Current Anticholinergic Bronchodilator prescriptions	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number