

# Opioid 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	2019-02-18	<ul style="list-style-type: none"> <li>Initial release</li> </ul>
2.0	2019-07-09	<ul style="list-style-type: none"> <li>Added Indicator ID, Indicator Segment ID and Display Indicator Segment properties</li> <li>Changed format and content of Indicator User Help</li> <li>Changed format of Source property</li> <li>Indicator Segment IDs re-sequenced to provide consistency across indicators</li> <li>Indicator Segment Query Criteria clarifies that query result from a segment should produce a count of patients</li> </ul>

## 2. INDICATOR DEFINITION

### 2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	MED-OPI-001
Indicator Name	Opioids Prescribed
Indicator Version	2.0
Date Published	2019-07-09
Description	<p><b>Purpose:</b></p> <p>This indicator is used to identify non-palliative care patients who currently are prescribed one or more opioids.</p> <p><b>Base Population:</b></p> <p>All non-palliative care patients with an Active demographic status recorded in the EMR.</p> <p><b>Indicator Segments:</b></p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> <li>Count of patients with one or more current opioid prescriptions recorded in the EMR;</li> <li>Count of patients without current opioid prescriptions recorded but with one or more past opioid prescriptions recorded in the EMR;</li> <li>Count of patients without current or past opioid prescriptions recorded in the EMR.</li> </ul> <p><b>Suggested Indicator Use:</b></p> <p>Physician use of this indicator is to review charts of patients with current or past opioid prescriptions for potential recall or other follow-up actions.</p>

PROPERTY	VALUE
	<b>Measurements of Interest:</b> Percentage of patients with current opioid prescriptions out of the base population.
Source	HQO
Source Description	Based on the Opioid Prescribing indicators defined in the technical appendix of the HQO MyPractice: Primary Care Report version 3 (December 2018) as well as the HQO Quality Standards on Opioid Prescribing.
Status	Active
Category	Medication Management
Subcategory	Opioids
Indicator Order	1
Indicator Graphic Type	Pie Chart, Bar Chart
Indicator Graphic Notes	
Indicator User Help	<b>Opioids Prescribed</b> <b>Purpose:</b> This indicator is used to identify non-palliative care patients who currently are prescribed one or more opioids.  <b>Base Population:</b> All non-palliative care patients with an Active demographic status recorded in the EMR.

PROPERTY	VALUE
	<p><b>Indicator Segments:</b></p> <p>Indicator segments provide the following patient summaries:</p> <ul style="list-style-type: none"> <li>• Count of patients with one or more current opioid prescriptions recorded in the EMR;</li> <li>• Count of patients without current opioid prescriptions recorded but with one or more past opioid prescriptions recorded in the EMR;</li> <li>• Count of patients without current or past opioid prescriptions recorded in the EMR.</li> </ul> <p><b>Suggested Indicator Use:</b></p> <p>Physician use of this indicator is to review charts of patients with current or past opioid prescriptions for potential recall or other follow-up actions.</p> <p><b>Measurements of Interest:</b></p> <p>Percentage of patients with current opioid prescriptions out of the base population.</p> <p><b>Metric Criteria:</b></p> <p><u>Patients with current opioid prescription(s)<sup>1</sup></u>: WITH a current prescription for one or more of:</p>

---

<sup>1</sup> Optional: Implementers may include EMR-specific information on the workflow for documenting current prescriptions.

PROPERTY	VALUE
	<p>Alfentanil, Buprenorphine, Butorphanol, Codeine, Dihydrocodeine, Fentanyl, Hydrocodone, Hydromorphone, Meperidine, Methadone, Morphine, Nalbuphine, Opium, Oxycodone, Oxymorphone, Pentazocine, Pethidine, Remifentanyl, Sufentanyl, Tapentadol, Tramadol</p> <p><u>Patients with only past opioid prescription(s)<sup>2</sup>:</u> WITHOUT any current opioid prescriptions and WITH a past or discontinued prescription for one or more of:</p> <p>Alfentanil, Buprenorphine, Butorphanol, Codeine, Dihydrocodeine, Fentanyl, Hydrocodone, Hydromorphone, Meperidine, Methadone, Morphine, Nalbuphine, Opium, Oxycodone, Oxymorphone, Pentazocine, Pethidine, Remifentanyl, Sufentanyl, Tapentadol, Tramadol</p> <p><u>Patients who have never had opioids prescribed:</u> WITHOUT any current opioid prescriptions and WITHOUT and past or discontinued opioid prescriptions.</p>

---

<sup>2</sup> Optional: Implementers may include EMR-specific information on the workflow for documenting past prescriptions.

## 2.2 Indicator Segment Properties

PROPERTY	VALUE	VALUE	VALUE
Indicator Segment ID	1	2	3
Indicator Segment Label	Patients with current opioid prescription(s)	Patients with only past opioid prescription(s)	Patients who have never had opioids prescribed
Display Indicator Segment	Yes	Yes	Yes
Indicator Segment Query Criteria	<b>COUNT OF:</b> Active, non-palliative care patients <b>WITH</b> one or more current opioid prescriptions	<b>COUNT OF:</b> Active, non-palliative care patients <b>WITHOUT</b> one or more current opioid prescriptions <b>AND WITH</b> one or more past opioid prescriptions	<b>COUNT OF:</b> Active, non-palliative care patients <b>WITHOUT</b> one or more current opioid prescriptions <b>AND WITHOUT</b> one or more past opioid prescriptions
Indicator Segment Query Notes	<p><b>Active Patients</b> are patients identified as 'Active' in the Patient Status data element (DE01.016) within <i>Patient Demographics</i>.</p> <p><b>Non-palliative care patients</b> are patients <b>WITHOUT</b> any of the following Service Codes billed for the patient: A945, C945, C882, C982, W872, W882, W972, W982, K023, B998, B966, B997, G511, G512 <b>AND WITHOUT</b> Code Z515 (ICD-10 Coding System) captured in the Diagnosis/Problem data element (DE06.004) within <i>Ongoing Health</i>.</p> <p><b>Current opioid prescription</b> is a patient medication recorded in <i>Medications</i> (DE09) <b>AND is not</b> a <i>Past Medication</i> (DE09.017) <b>AND</b> is identified by any of the following text within the brand or generic medication name (DE09.003):</p> <p>"Alfentanil," "Buprenorphine," "Butorphanol," "Codeine," "Dihydrocodeine," "Fentanyl," "Hydrocodone," "Hydromorphone," "Meperidin," "Methadone," "Morphine," "Nalbuphine," "Opium," "Oxycodone," "Oxymorphone," "Pentazocine," "Pethidine," "Remifentanil," "Sufentanil," "Tapentadol," "Tramadol."</p>		

PROPERTY	VALUE	VALUE	VALUE
	<p><b>Past opioid prescription</b> is a patient medication recorded in Medications (DE09) <b>AND</b> is a <i>Past Medication</i> (DE09.017)</p> <p><b>AND</b> is identified by any of the following text within the brand or generic medication name (DE09.003):</p> <p>"Alfentanil," "Buprenorphine," "Butorphanol," "Codeine," "Dihydrocodeine," "Fentanyl," "Hydrocodone," "Hydromorphone," "Meperidine," "Methadone," "Morphine," "Nalbuphine," "Opium," "Oxycodone," "Oxymorphone," "Pentazocine," "Pethidine," "Remifentanil," "Sufentanil," "Tapentadol," "Tramadol."</p>		
Patient List Criteria	<p><b>Mandatory</b></p> <p>Patient Name</p> <p>Unique Patient Identifier</p> <p><b>Optional</b></p> <p>Patient Date of Birth</p> <p>Patient Age</p> <p>Patient Phone Number</p> <p>Current Opioid Medications</p>	<p><b>Mandatory</b></p> <p>Patient Name</p> <p>Unique Patient Identifier</p> <p><b>Optional</b></p> <p>Patient Date of Birth</p> <p>Patient Age</p> <p>Patient Phone Number</p>	<p><b>Mandatory</b></p> <p>Patient Name</p> <p>Unique Patient Identifier</p> <p><b>Optional</b></p> <p>Patient Date of Birth</p> <p>Patient Age</p> <p>Patient Phone Number</p>
Patient List Notes	<p><b>Patient Name</b> is a combination of First Name (DE01.003) and Last Name (DE01.002) data items from <i>Patient Demographics</i>. Names may be displayed either as separate columns or concatenated into one column.</p> <p><b>Unique Patient Identifier</b> 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 (DE01.008) or Chart Number (DE01.012).</p> <p><b>Patient Date of Birth</b> is captured into <i>Patient Demographics</i> as Date of Birth (DE01.007)</p> <p><b>Patient Age</b> is a calculated data item representing the difference between the current date and Date of Birth (DE01.007) from <i>Patient Demographics</i>. Age should be displayed in years.</p>		



PROPERTY	VALUE	VALUE	VALUE
	<p><b>Patient Phone Number</b> 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><b>Current Opioid Medications</b> is a concatenated listing of medication names (<i>DE09.003</i>), along with (if possible) either the <i>Prescription Written Date</i> (<i>DE09.001</i>) or <i>Start Date</i> (<i>DE09.002</i>) of current opioid prescriptions.</p>		