

Preventive Care Bonus Childhood Immunizations

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"> Initial release
2.0	2019-07-09	<ul style="list-style-type: none"> Added Indicator ID, Indicator Segment ID and Display Indicator Segment properties Changed format and content of Indicator User Help Changed format of Source property Indicator Segment IDs re-sequenced to provide consistency across indicators Indicator Segment Query Criteria clarifies that query result from a segment should produce a count of patients
2.1	2020-06-15	<ul style="list-style-type: none"> Clarified use of “roster” terminology to identify a patient status of either enrolled or active. Care Bonus category renamed as Reporting Layout of definition file changed to improve readability of indicator segment properties Description and User Help content now contained in separate document. Description and User Help attributes in definition now contain wording to confirm content is kept separately

2. INDICATOR DEFINITION

2.1 Indicator Properties

PROPERTY	VALUE
Indicator ID	RPT-BNS-004
Indicator Name	Preventive Care Bonus Childhood Immunizations
Indicator Version	2.1
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	MOHLTC
Source Description	Cumulative Preventive Care Enhancement Codes
Status	Active
Category	Reporting
Subcategory	Care Bonus
Indicator Order	4
Indicator Graphic Type	Pie or Bar Chart
Indicator Graphic Notes	
Indicator User Help	User Help content is now maintained in a separate document within the i4C Dashboard Indicator Library.

PROPERTY	VALUE
Indicator Segment Query Notes	<p>Active Patients are patients identified as 'Active' in the <i>Patient Status data</i> element (DE01.016) within <i>Patient Demographics</i>.</p> <p>Enrolled Patients are patients identified as 'Enrolled' in the <i>Enrollment Status data</i> element (DE01.019) within <i>Patient Demographics</i>.</p> <p>Patient Age can be calculated based on the difference between March 31 of the <i>current fiscal year</i> and the patient's date of birth captured in the <i>Date of Birth</i> data element (DE01.007) within <i>Patient Demographics</i>.</p> <p>Current Fiscal Year:</p> <p>IF current date <= March 31, THEN the fiscal year starts April 1 of the previous calendar year and ends March 31 of the current calendar year</p> <p>ELSE fiscal year starts April 1 of the current calendar year and ends March 31 of the next calendar year</p> <p>DTaP-IPV-Hib, Pneumococcal conjugate, Meningococcal Conjugate C, Measles/Mumps/Rubella (MMR), Varicella are documented within <i>Immunizations</i> (DE08), and are identified either by <i>Immunization Name</i> (DE08.001), <i>Immunization Code</i> (DE08.002) or <i>Immunization Type</i> (DE08.003) WHERE data element <i>Refused Indicator</i> (DE08.011) identifies the immunization as 'administered'.</p>
Patient List Notes	<p>Patient Name 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>Unique Patient Identifier 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>Patient Date of Birth is captured into <i>Patient Demographics</i> as <i>Date of Birth</i> (DE01.007)</p> <p>Patient Age as of March 31 is calculated data item representing the difference between March 31 of the current fiscal year and <i>Date of Birth</i> (DE01.007) from <i>Patient Demographics</i>. 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 <i>Patient Address</i>.</p> <p>Latest Q132A Tracking Code is the date of the most recent billing for the Q132A Tracking Code.</p> <p>DTaP Count is the count of documented <i>DTaPIP-V-Hib</i> immunizations administered between age 30-42 months.</p> <p>Pneumococcal Count is the count of documented <i>Pneumococcal conjugate</i> immunizations administered between age 30-42 months.</p> <p>Meningococcal Count is the count of documented <i>Meningococcal Conjugate C</i> immunizations administered between age 30-42 months.</p> <p>MMR Count is the count of documented <i>Measles/Mumps/Rubella</i> immunizations administered between age 30-42 months.</p>

PROPERTY	VALUE
	<p>Varicella Count is the count of documented <i>Varicella</i> immunizations administered between age 30-42 months.</p> <p>Rotavirus Count is the count of documented <i>Rotavirus</i> immunizations administered between age 30-42 months.</p> <p>DTaP Refusal displays whether a <i>DTaP-IPV-Hib Refused</i> has been documented in the past 12 months.</p> <p>Pneumococcal Refusal displays whether a <i>Pneumococcal conjugate Refused</i> has been documented in the past 12 months.</p> <p>Meningococcal Refusal displays whether a <i>Meningococcal Conjugate C Refused</i> has been documented in the past 12 months.</p> <p>MMR Refusal displays whether an <i>MMR Refused</i> has been documented in the past 12 months.</p> <p>Varicella Refusal displays whether a <i>Varicella Refused</i> has been documented in the past 12 months.</p> <p>Rotavirus Refusal displays whether a <i>Rotavirus Refused</i> has been documented in the past 12 months.</p> <p>Display options for immunization refusal columns may include 'Refused', 'Yes', 'Y', etc. or the date when the most recent refusal was documented.</p> <p><i>Rotavirus</i> is included in the patient list criteria even though it is not required as part of the Complete criteria.</p>

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	Complete	Yes	<p>COUNT OF: Active, enrolled patients, age 30-42 months as of March 31 of the current fiscal year AND WITH Tracking Code Q132A billed for patient OR (WITH at least 4 instances of DTaP-IPV-Hib documented AND WITH at least 3 instances of Pneumococcal conjugate documented AND WITH at least 1 instance of Meningococcal Conjugate C documented AND WITH at least 1 instance of Measles/Mumps/Rubella (MMR) documented AND WITH at least 1 instance of Varicella documented)</p>	<p>Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age(as of March 31) Patient Phone Number Latest Q132A Tracking Code DTaP Count Pneumococcal Count Meningococcal Count MMR Count Varicella Count Rotavirus Count</p>
2	Incomplete	Yes	<p>COUNT OF: Active, enrolled patients, age 30-42 months as of March 31 of the current fiscal year AND WITH (less than 4 instances of DTaP-IPV-Hib documented OR less than 3 instances of Pneumococcal conjugate documented OR less than 1 instance of Meningococcal Conjugate C documented OR less than 1 instance of MMR documented OR less than 1 instance of Varicella documented) AND WITHOUT Tracking Code Q132A billed for patient</p>	<p>Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age(as of March 31) Patient Phone Number Latest Q132A Tracking Code DTaP Count DTaP Refusal Pneumococcal Count Pneumococcal Refusal Meningococcal Count Meningococcal Refusal MMR Count MMR Refusal Varicella Count Varicella Refusal Rotavirus Count Rotavirus Refusal</p>