

HTN BP In Control

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"> • • Include all codes within ICD-9, ICD-10 top-level hierarchies for hypertension and diabetes • 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-HTN-004
Indicator Name	HTN BP In Control
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	CIHI
Source Description	Based on CIHI's Pan-Canadian Health Care Indicator Update published 2012.
Status	Active
Category	CDM

Subcategory	Hypertension
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.
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>PATIENT AGE can be calculated based on the difference between the current date and the patient's date of birth captured in the Date of Birth data element (DE01.007) within Patient Demographics</p> <p>HYPERTENSION 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"> • 401, 401.*, 402, 402.*, 403, 403.*, 404, 404.*, 405, 405.* (ICD-9 Coding System) • I10, I10.* (ICD-10 Coding System) • D3-02120, D3-02010, D3-02100, D3-020000 (SNOMED-RT Coding System) • 1201005, 10725009, 59621000, 38341003 (SNOMED-CT Coding System) <p>DIABETES 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"> • 250, 250.* (ICD-9 Coding System) • E10, E10.*, E11, E11.* (ICD-10 Coding System) • DB-610 (SNOMED-RT Coding System) • 46635009, 44054006, 73211009 (SNOMED-CT Coding System)

	<p>BLOOD PRESSURE READING is a pair of values captured in the Blood Pressure data element (DE16.001) within Generic Care Elements: Systolic and Diastolic. For a blood pressure to be within a given control value, both systolic and diastolic values of a blood pressure reading must be less than the control's specified systolic and diastolic values.</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 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>LATEST BLOOD PRESSURE MEASUREMENT represents the results and/or date from the latest documented blood pressure measurement.</p> <p>NEXT APPOINTMENT DATE is a date representing the next time a patient is scheduled to be seen by the physician or another clinician within the clinic. This may be based on Appointment Date/Time (DE15.001).</p>

2.2 Indicator Segment Properties

Indicator Segment ID	Indicator Segment Label	Display Indicator Segment	Indicator Segment Query Criteria	Patient List Criteria
1	With Diabetes:BP in Control	Yes	COUNT OF: Active patients, age 20 and over WITH a coded diagnosis of Hypertension AND WITH a coded diagnosis of Diabetes AND WITH the latest Blood Pressure reading within control value of 130/80	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Blood Pressure Measurement
2	With Diabetes: BP not in Control	Yes	COUNT OF: Active patients, age 20 and over WITH a coded diagnosis of Hypertension AND WITH a coded diagnosis of Diabetes AND WITH the latest Blood Pressure reading outside of control value 130/80	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Blood Pressure Measurement Next Appointment Date
3	Without Diabetes: BP in Control	Yes	COUNT OF: Active patients, age 20 and over WITH a coded diagnosis of Hypertension AND WITHOUT a coded diagnosis of Diabetes AND WITH the latest Blood Pressure reading within control value 140/90	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
				Latest Blood Pressure Measurement
4	Without Diabetes: BP not in Control	Yes	COUNT OF: Active patients, age 20 and over WITH a coded diagnosis of Hypertension AND WITHOUT a coded diagnosis of Diabetes AND WITH the latest Blood Pressure reading outside of control value 140/90	Mandatory Patient Name Unique Patient Identifier Patient Date of Birth Optional Patient Age Patient Phone Number Latest Blood Pressure Measurement Next Appointment Date