

Controlling High Blood Pressure eCQM

CMS165v12

Last modified on 01/26/2026 2:25 pm EST

Description

Percentage of patients 18-85 years of age who had a diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of the measurement period, and whose most recent blood pressure was adequately controlled (<140/90mmHg) during the measurement period.

Guidance

In reference to the numerator element, only blood pressure readings performed by a clinician or an automated blood pressure monitor or device are acceptable for numerator compliance with this measure. This includes blood pressures taken in person by a clinician and blood pressures measured remotely by electronic monitoring devices capable of transmitting the blood pressure data to the clinician. Blood pressure readings taken by an automated blood pressure monitor or device and conveyed by the patient to the clinician are also acceptable. It is the clinician's responsibility and discretion to confirm the an automated blood pressure monitor or device used to obtain the blood pressure is considered acceptable and reliable and whether the blood pressure reading is considered accurate before documenting it in the patient's medical record.

Do not include BP readings taken during an acute inpatient stay or an ED visit.

If no blood pressure is recorded during the measurement period, the patient's blood pressure is assumed "not controlled".

If there are multiple blood pressure readings on the same day, use the lowest systolic and the lowest diastolic reading as the most recent blood pressure reading. Ranges and thresholds do not meet criteria for this measure. A distinct numeric result for both the systolic and diastolic BP reading is required for numerator compliance.

This eCQM is a patient-based measure.

This version of the eCQM uses QDM version 5.6. Please refer to the eCQI resource center (<https://ecqi.healthit.gov/qdm>) for more information on the QDM.

Initial Population

Patients 18-85 years of age by the end of the measurement period who had a visit during the measurement period and diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of the measurement period.

Date of birth information can be entered in DrChrono in the patient chart under the **Demographics** tab with the **Patient's Date of Birth**.

AND

A Patient encounter during the performance period (**CPT or HCPCS**)

CPT

99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350, 99381, 99382, 99383, 99384,

99385, 99386, 99387, 99391, 99392, 99393, 99394, 99395, 99396, 99397, 99401, 99402, 99403, 99404, 99411, 99412, 99429, 99455, 99456, 99483

HCPCS

G0162, G0299, G0300, G0402, G0438, G0439, G0463, G0493, G0494, S0271, S0311, S9123, S9124, T1000, T1001, T1002, T1003, T1004, T1005, T1015, T1019, T1020, T1021, T1022, T1030, T1031

CPT and HCPCS codes can be entered into the billing section for the encounter. Below is an example from the appointment window.

The screenshot shows the eClinicalWorks appointment window with the **Billing** tab selected. The window is divided into several sections:

- Top Navigation:** Appointment, Billing (selected), Eligibility, Vitals, Growthcharts, Flags, Log Comm., Revisions, Custom Data, MU Helper.
- Claim Summary:** Claim Billed: \$145.00, Adjustment: \$0.00, Insurer Paid: \$0.00, Patient Paid: \$0.00.
- Billing Status:** Billing Status dropdown, ICD Version (ICD-10), Patient Payment (\$0, Copay: \$20), Pre Authorization Approval, Referral #, Payment Profile (Insurance), Billing Profile, Billing Pick List, Diagnosis Pick List, Credit Card Payment, Process Credit Card button.
- HCFA Box 10:** Is patient's condition related to? Employment (No), Auto Accident (No), Other Accident (No), Onset Date Type (Onset of Current Symptoms), Onset Date, Other Date Type (- Other Date Type -), Other Date.
- Code Entry Grids:**
 - CPT Codes:** Shows code 1 99213, OFFICE O/P EST LOW 20-29 MIN, Price: \$145.00. Fields for Modifiers, Quantity/Minutes (1.00), and Diagnosis Pointers (1:0:0:0).
 - HCPCS Codes:** Shows code 1 G0438, Ppps initial visit, Price: \$0.00. Fields for Modifiers.
 - ICD-10 Codes:** Shows a dropdown for Find Diagnosis codes.
 - Custom Codes:** Shows a dropdown for Find Custom Procedure codes.
 - NDC Codes:** Shows a dropdown for Find NDC Codes.

AND

A diagnosis of essential hypertension starting before or continuing into or starting during the first 6 months of the measurement period.

Schedule Appointment

Appointment	Billing	Eligibility	Vitals	Growthcharts	Flags	Log Comm.	Revisions	Custom Data	MU Helper
<input type="checkbox"/> Institutional Claim					Patient SuperBill <input type="button" value="▼"/> Clinical Note Billing Details Other Forms <input type="button" value="▼"/>				
Billing Status: <input type="button" value="▼"/> ICD Version: ICD-10 <input type="button" value="▼"/> Patient Payment: \$ 0 Copay: \$20 <input type="button" value="+"/> Pre Authorization Approval: <input type="text"/> Referral #: <input type="text"/> Payment Profile: Insurance <input type="button" value="▼"/> Billing Profile: <input type="button" value="▼"/> <input type="button" value="+"/> Billing Pick List: Choose Codes from Pick List Diagnosis Pick List: Choose Codes from Pt Problems Credit Card Payment: <input type="button" value="Process Credit Card"/>					HCFA Box 10 - Is patient's condition related to: Employment: No <input type="button" value="▼"/> Auto Accident: No <input type="button" value="▼"/> Other Accident: No <input type="button" value="▼"/> Onset Date Type: Onset of Current Symptoms <input type="button" value="▼"/> Onset Date: <input type="text"/> Other Date Type: - Other Date Type - <input type="button" value="▼"/> Other Date: <input type="text"/>				

Claim Billed: \$0.00	Adjustment: \$0.00	Insurer Paid: \$0.00	Patient Paid: \$0.00
ICD-10 Codes		CPT Codes	
# Code Description		Code Description Price (\$)	
1 I10 Essential (primary) hypertension <input type="button" value="x"/>		Find CPT Procedure codes <input type="button" value="▼"/>	
		HCPCS Codes	
		Find HCPCS Procedure codes <input type="button" value="▼"/>	

Denominator

Equals initial population

Denominator Exclusions

Patients with evidence of end-stage renal disease (ESRD), dialysis, or renal transplant before or during the measurement period. Also, exclude patients with a diagnosis of pregnancy during the measurement period.

Exclude patients who are in hospice care for any part of the measurement period.

Exclude patients 66 and older by the end of the measurement period who are living long-term in a nursing home at any time on or before the end of the measurement period.

Exclude patients 66-80 by the end of the measurement period with an indication of frailty for any part of the measurement period who also meet any of the following advanced illness criteria:

- Advanced illness with two outpatient encounters during the measurement period or the year prior
- OR advanced illness with one inpatient encounter during the measurement period or the year prior
- OR taking dementia medications during the measurement period or the year prior

Exclude patients 81 and older by the end of the measurement period with an indication of frailty for any part of the measurement period.

Exclude patients receiving palliative care for any part of the measurement period.

Denominator Exceptions

None

Numerator

Patients whose most recent blood pressure is adequately controlled (systolic blood pressure less than

140 mmHg and diastolic blood pressure less than 90 mmHg) during the measurement period.

Blood pressure can be documented in the **Vitals** section of the appointment window or clinical note.

Schedule Appointment

Appointment Billing Eligibility **Vitals** Growthcharts Flags Log Comm. Revisions Custom Data MU Helper

Units Full Vitals History (pdf) Full Vitals History (csv)

System Vitals		Note Rendering Options: Newest to oldest Date on side				
Name	03/22/2023 11:10 AM	03/23/2023 11:30 AM	03/24/2023 11:10 AM	03/28/2023 01:40 PM	03/30/2023 11:30 AM	Current Visit 04/05/2023 at 11:30 AM
Temperature (f)					98.60	
Pulse (bpm)					88	
Blood Pressure (mmHg)						139 / 78
Respiratory Rate (rpm)						
Oxygen Saturation (%)						
Height (in)					56.00	
Weight (lbs)					126.00	
BMI (kg/m2)					28.25	
Pain (0-10)						
Smoking Status						
Head Circumference (in)						

The vitals are saved with the visit, and can also be seen in the **Physical Exam** section of the patient's CQMs tab in their chart with the relevant LOINC codes.

Drug Interactions	Physical Exam																			
CQMs																				
Intake Data	<table border="1"><thead><tr><th>Datetime</th><th>Code</th><th>Description</th><th>Value</th><th>Units</th></tr></thead><tbody><tr><td>Apr 5, 2023</td><td>LOINC: 8480-6</td><td>Systolic blood pressure</td><td>139</td><td></td></tr><tr><td>Apr 5, 2023</td><td>LOINC: 8462-4</td><td>Diastolic blood pressure</td><td>78</td><td></td></tr></tbody></table>					Datetime	Code	Description	Value	Units	Apr 5, 2023	LOINC: 8480-6	Systolic blood pressure	139		Apr 5, 2023	LOINC: 8462-4	Diastolic blood pressure	78	
Datetime	Code	Description	Value	Units																
Apr 5, 2023	LOINC: 8480-6	Systolic blood pressure	139																	
Apr 5, 2023	LOINC: 8462-4	Diastolic blood pressure	78																	
Lab Orders																				

Numerator Exclusions

None

Measure Information