

# 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.

Appointment

Billing

Eligibility

Vitals

Growthcharts

Flags

Log Comm.

Revisions

Custom Data

MU Helper

☐ Institutional Claim

Patient SuperBill

Clinical Note

Billing Details

Other Forms

Billing Status

ICD Version

ICD-10

Patient Payment

\$ 0

Copay: \$20

+

Pre Authorization Approval

Referral #

Payment Profile

Insurance

Billing Profile

+

Billing Pick List

Choose Codes from Pick List

Diagnosis Pick List

Choose Codes from Pt Problems

Credit Card Payment

Process Credit Card

HCFA Box 10 - Is patient's condition related to:

Employment

No

Auto Accident

No

Other Accident

No

Onset Date Type

Onset of Current Symptoms o

Onset Date

Other Date Type

- Other Date Type -

Other Date

Claim Billed: \$145.00

Adjustment: \$0.00

Insurer Paid: \$0.00

Patient Paid: \$0.00

ICD-10 Codes

Find Diagnosis codes

ICD-9 Codes to Convert

Find Diagnosis codes

NDC Codes

Find NDC Codes

Custom Codes

Find Custom Procedure codes

Code

Description

Price (\$)

1

99213

OFFICE O/P EST LOW 20-29 MIN

145.00

Modifiers:

Quantity/Minutes:

1.00

Diagnosis Pointers:

1:0:0:0

HCPCS Codes

Find HCPCS Procedure codes

Code

Description

Price (\$)

1

G0438

Ppps initial visit

0.00

Modifiers:

## 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

☐ Institutional Claim
Patient SuperBill
Clinical Note
Billing Details
Other Forms

Billing Status
ICD Version
Patient Payment
Pre Authorization Approval
Referral #
Payment Profile
Billing Profile
Billing Pick List
Diagnosis Pick List
Credit Card Payment

HCFA Box 10 - Is patient's condition related to:
Employment
Auto Accident
Other Accident
Onset Date Type
Onset Date
Other Date Type
Other Date

Claim Billed: \$0.00
Adjustment: \$0.00
Insurer Paid: \$0.00
Patient Paid: \$0.00

ICD-10 Codes
Find Diagnosis codes

#	Code	Description
1	I10	Essential (primary) hypertension

CPT Codes
Find CPT Procedure codes

Code	Description	Price (\$)
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HCPCS Codes
Find HCPCS Procedure codes

## 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

AppointmentBillingEligibilityVitalsGrowthchartsFlagsLog Comm.RevisionsCustom DataMU Helper

UnitsFull Vitals History (pdf)Full Vitals History (csv)

System Vitals

Note Rendering Options: Newest to oldestDate 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 Interactions13

CQMs

Intake Data

Lab Orders

Physical Exam

New

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	

Numerator Exclusions

None

Measure Information