

Controlling High Blood Pressure (NQF 0018/CMS 165v7)

Measure Basic Information

Name and date of specifications used: Eligible Professional / Eligible Clinician electronic Clinical Quality Measure (eCQM) Specifications for Performance / Reporting Year 2019.

URL of Specifications: <https://ecqi.healthit.gov/ecqm/measures/cms165v7>

Note: eCQM specifications typically are updated at least annually. The eCQM version number changes with each annual update. Once certified, however, electronic health records (EHRs) are not required to be recertified with updated eCQM specifications, so the [Certified HIT Products List](#) may not accurately reflect the version of an eCQM that is actually supported by an EHR vendor. OHA will accept year seven data (2019) submissions from previous releases of the eCQM specifications, but CCOs will need to document the version number of the specifications they are using.

Measure Type:

HEDIS

PQI

Survey

Other Specify: eCQM

Measure Utility:

CCO Incentive

State Quality

CMS Adult Core Set

CMS Child Core Set

Other Specify:

Data Source: Electronic Health Records

Measurement Period: January 1, 2019 – December 31, 2019

OHA anticipates publishing the Year Seven (2019) Guidance Document in summer 2019.

2013 Benchmark: n/a

2014 Benchmark: n/a

2015 Benchmark: 64%, from the 2014 national Medicaid 75th percentile.

2016 Benchmark: 69.0%, from the 2015 national Medicaid 90th percentile.

2017 Benchmark: 69.0%, from the 2015 national Medicaid 90th percentile.

2018 Benchmark: 70.6%, 2016 national Medicaid 90th percentile

2019 Benchmark: 71.0%, 2018 national Medicaid 90th percentile

2019 Improvement Targets: Minnesota method with 2 percentage point floor

Changes in Specifications from 2018 to 2019: See Technical Release Notes for a complete list of changes: https://ecqi.healthit.gov/system/files/ecqm/measures/CMS165v7_TRN.xlsx. Changes include:

- Updated the Denominator Exclusion statement for patients in hospice care to better align with the logic.
- Made multiple changes in the measure logic, conforming to Quality Data Model (QDM) 5.3 and Clinical Quality Language (CQL).

- Removed the 'Face-To-Face Interaction' data element and added relevant SNOMED codes to the Encounter Grouping value sets to better align between the SNOMED and CPT encounter codes.
- Replaced LOINC and SNOMEDCT single code value sets with direct referenced codes.

Value Set Name and OID	Status
Value set Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001):	Added SNOMEDCT extensional value set (2.16.840.1.113883.3.464.1003.101.11.1264) including 7 codes.
Value set Home Healthcare Services (2.16.840.1.113883.3.464.1003.101.12.1016):	Added SNOMEDCT extensional value set (2.16.840.1.113883.3.464.1003.101.11.1265) including 11 codes.
Value set Pregnancy (2.16.840.1.113883.3.526.3.378):	Deleted 11 ICD10CM codes (O00.1, O00.10, O00.11, O00.2, O00.20, O00.21, O00.8, O00.9, O33.7, O34.21, Z36).
Value set Payer (2.16.840.1.114222.4.11.3591):	Added 11 SOP codes (299, 32127, 32128, 391, 517, 524, 614, 621, 622, 623, 629) and deleted 3 SOP codes (63, 64, 69).
Value set Kidney Transplant Recipient (2.16.840.1.113883.3.464.1003.109.12.1029):	Added Kidney Transplant Recipient.
Value set Face-to-Face Interaction (2.16.840.1.113883.3.464.1003.101.12.1048):	Removed Face-to-Face Interaction.
Value set Vascular Access for Dialysis (2.16.840.1.113883.3.464.1003.109.12.1011)	Added 2 SNOMEDCT codes (736919006, 736922008) – 2019 Addendum
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012)	Added 35 SNOMEDCT codes and deleted 8 SNOMEDCT codes (175899003, 175901007, 175902000, 236138007, 313030004, 52213001, 88930008, 70536003). Added 2 CPT codes (50300, 50320) – 2019 Addendum
Value set Payer (2.16.840.1.114222.4.11.3591)	Deleted 1 SOP code (24) – 2019 Addendum

Denied claims: n/a

Measure Details

Data elements required denominator: Patients 18-85 years of age who had a diagnosis of essential hypertension¹ within the first six months of the measurement period or any time prior to the measurement period.

Qualifying Outpatient Service	Grouping Value Set ²
Office Visit	2.16.840.1.113883.3.464.1003.101.12.1001

¹ Essential hypertension is identified using the Essential Hypertension Grouping Value Set (2.16.840.1.113883.3.464.1003.104.12.1011).

² Grouping Value Sets are lists of specific values (terms and their codes) derived from single or multiple standard vocabularies used to define clinical concepts (e.g. patients with diabetes, clinical visit, reportable diseases) used in CCO Incentive Measure Specification Sheet for 2019 Measurement Year
December 21, 2018

Qualifying Outpatient Service	Grouping Value Set ²
Preventive Care Services – Established Office Visit, 18 and Up	2.16.840.1.113883.3.464.1003.101.12.1025
Preventive Care Services – Initial Office Visit, 18 and Up	2.16.840.1.113883.3.464.1003.101.12.1023
Home Healthcare Services	2.16.840.1.113883.3.464.1003.101.12.1016
Annual Wellness Visit	2.16.840.1.113883.3.526.3.1240

Required exclusions for denominator:

- 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 whose hospice care overlaps the measurement period.

Exclusions	Grouping Value Set
Hospice	Hospice care ambulatory: 2.16.840.1.113762.1.4.1108.15 Discharge to healthcare facility for hospice care (procedure): SNOMEDCT version 2017-09 Code (428371000124100) Discharge to home for hospice care (procedure): SNOMEDCT version 2017-09 Code (428361000124107)
Pregnancy	Pregnancy: 2.16.840.1.113883.3.526.3.378
Renal Diagnosis	End Stage Renal Disease: 2.16.840.1.113883.3.526.3.353 Kidney Transplant Recipient: 2.16.840.1.113883.3.464.1003.109.12.1029 Chronic Kidney Disease, Stage 5: 2.16.840.1.113883.3.526.3.1002
End Stage Renal Disease (ESRD) Procedures	Vascular Access for Dialysis: 2.16.840.1.113883.3.464.1003.109.12.1011 Kidney Transplant: 2.16.840.1.113883.3.464.1003.109.12.1012 Dialysis Services: 2.16.840.1.113883.3.464.1003.109.12.1013
ESRD Encounter	ESRD Monthly Outpatient Services: 2.16.840.1.113883.3.464.1003.109.12.1014

Deviations from cited specifications for denominator: None.

Data elements required numerator: Patients whose blood pressure at the most recent visit is adequately controlled (systolic blood pressure <140 mmHg and diastolic blood pressure <90 mmHg) during the measurement period.

Note: Only blood pressure readings performed by a clinician in the provider office are acceptable for numerator compliance with this measure. Blood pressure readings from the patient’s home (including readings directly from monitoring devices) are not acceptable.

If no blood pressure is recorded during the measurement period, the patient’s blood pressure is assumed “not controlled.”

clinical quality measures and to support effective health information exchange. Value Sets can be accessed through the Value Set Authority Center (VSAC) at the National Library of Medicine. <https://vsac.nlm.nih.gov/>

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.

Note: The measure specifications for the numerator call for blood pressure results during an adult outpatient visit. Results taken in a hospital setting should not be included.

Required exclusions for numerator: None.

Deviations from cited specifications for numerator: None.

What are the continuous enrollment criteria:

There are no continuous enrollment criteria required for this measure. OHA's intention is to maintain alignment with CMS specifications for this measure, including specifications for reporting the supplemental data element for "Patient Characteristic Payer: Payer." The "eligible as of the last date of the reporting period" rule may be used to identify beneficiaries.

What are allowable gaps in enrollment: n/a

Define Anchor Date (if applicable): n/a

For more information:

- Value Sets can be accessed through the Value Set Authority Center (VSAC) at the National Library of Medicine. <https://vsac.nlm.nih.gov/>
- How to read eCQMs: <https://ecqi.healthit.gov/system/files/Guide-for-Reading-Electronic-Clinical-Quality-Measures-v4-0-2018-0504.pdf>
- CMS/ ONC eCQI Resource Center: <https://ecqi.healthit.gov/>
- Year Seven (2019) guidance will be available online at: <http://www.oregon.gov/oha/analytics/Pages/CCO-Baseline-Data.aspx>