

Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Measure Information

General eCQM Information	
Measure Information	2024 Performance/Reporting Period
CMS Measure ID	CMS122v12
NQF Number	Not Applicable
Measure Description	Percentage of patients 18-75 years of age with diabetes who had hemoglobin A1c > 9.0% during the measurement period
Initial Population	Patients 18-75 years of age by the end of the measurement period, with diabetes with a visit during the measurement period
Denominator	Equals Initial Population
Denominator Exclusions	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 any time on or before the end of the measurement period. Exclude patients 66 and older 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 receiving palliative care for any part of the measurement period.
Numerator	Patients whose most recent HbA1c level (performed during the measurement period) is >9.0% or is missing, or was not performed during the measurement period
Numerator Exclusions	Not Applicable

Denominator Exceptions	None
Measure Steward	National Committee for Quality Assurance
Measure Scoring	Proportion measure
Measure Type	Intermediate Clinical Outcome measure
Improvement Notation	Lower score indicates better quality
Guidance	If the HbA1c test result is in the medical record, the test can be used to determine numerator compliance. This eCQM is a patient-based measure. This version of the eCQM uses QDM version 5.6. Please refer to the QDM page for more information on the QDM.
Measurer Quality ID	001
Telehealth Eligible	Yes
Next Version	No Version Available
Previous Version	CMS122v11

Specifications and Data Elements

Attachment	Size
CMS122v12.html	90.1 KB
CMS122v12.zip	111.18 KB
CMS122v12-TRN.xlsx	22.8 KB
CMS122v12-eCQMFlow.pdf	1.81 MB

Data Element Repository

- [Data Elements contained within CMS122v12](#)

Value Sets

- [Value Sets to be used with CMS122v12](#)

Release Notes

- [CMS122v12-TRN.xlsx](#)

Header

- Updated copyright.
Measure Section: Copyright
Source of Change: Annual Update
- Updated the rationale based upon more recent literature and evidence to support the measure.
Measure Section: Rationale
Source of Change: Measure Lead
- Updated the clinical recommendation statement based upon more recent literature and evidence to support the measure.
Measure Section: Clinical Recommendation Statement
Source of Change: Measure Lead
- Updated references.
Measure Section: Reference
Source of Change: Measure Lead
- Updated grammar, wording, and/or formatting to improve readability and consistency.
Measure Section: Denominator Exclusions
Source of Change: Annual Update

Logic

- Changed sequence of denominator exclusions in logic to align with the sequence in the Denominator Exclusions section of the header to improve readability.
Measure Section: Denominator Exclusions
Source of Change: Measure Lead
- Updated the version number of the Palliative Care Exclusion ECQM Library to v3.0.000.
Measure Section: Definitions
Source of Change: Annual Update
- Updated the version number of the Hospice Library to v5.0.000.
Measure Section: Definitions
Source of Change: Annual Update
- Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.
Measure Section: Definitions

Source of Change: Standards/Technical Update

- Replaced direct reference code 'Encounter with palliative care' with 'Palliative Care Diagnosis' value set in the PalliativeCare.Has Palliative Care in the Measurement Period definition to organize capture of patients receiving palliative care, per standards expert input.

Measure Section: Definitions

Source of Change: Measure Lead

- Added 'day of' specificity to the palliative care expressions for consistency.

Measure Section: Definitions

Source of Change: Measure Lead

- Added 'day of' specificity to hospice expressions for consistency.

Measure Section: Definitions

Source of Change: Measure Lead

- Updated the version number of the Advanced Illness and Frailty Exclusion eCQM Library to v8.0.000.

Measure Section: Definitions

Source of Change: Annual Update

- Added QDM datatype 'Diagnosis' to the Hospice.'Has Hospice Services' definition referencing a new value set containing SNOMED finding codes to provide an additional approach for identifying patients receiving hospice care.

Measure Section: Definitions

Source of Change: Measure Lead

- Updated the version number of the Advanced Illness and Frailty Exclusion eCQM Library to v8.0.000.

Measure Section: Functions

Source of Change: Annual Update

- Updated the version number of the Hospice Library to v5.0.000.

Measure Section: Functions

Source of Change: Annual Update

- Updated the version number of the Palliative Care Exclusion ECQM Library to v3.0.000.

Measure Section: Functions

Source of Change: Annual Update

Value Set

The VSAC is the source of truth for the value set content, please visit the VSAC for downloads of current value sets.

- Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 3 CPT codes (99236, 99234, 99235) based on review by technical experts, SMEs, and/or public feedback. Added 1 SNOMED CT code (2876009) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 47 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 54 ICD-9-CM codes based on validity of code during timing of look back period. Deleted 3 SNOMED CT codes (190369008, 237618001, 314771006) based on validity of code during timing of look back period.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set (2.16.840.1.113883.3.464.1003.101.12.1010): Renamed to Emergency Department Evaluation and Management Visit based on recommended value set naming conventions.

Measure Section: Terminology

Source of Change: Annual Update

- Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 1 ICD-10-CM code (L89.000) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Deleted 4 ICD-10-CM codes (R26.0, R26.1, R41.81, R53.83) based on review by technical experts, SMEs, and/or public feedback. Deleted 17 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set HbA1c Laboratory Test (2.16.840.1.113883.3.464.1003.198.12.1013): Added 2 LOINC codes (17855-8, 96595-4) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584): Deleted 3 SNOMED CT codes (170935008, 170936009, 305911006) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Added value set Hospice Diagnosis (2.16.840.1.113883.3.464.1003.1165) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003): Added 2 SNOMED CT codes (305911006, 385765002) based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 2 SNOMED CT codes (30346009, 37894004) based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead
- Replaced direct reference code ICD-10-CM code (Z51.5) with value set Palliative Care Diagnosis (2.16.840.1.113883.3.464.1003.1167) based on change in measure requirements/measure specification.
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Deleted 3 SNOMED CT codes (305686008, 305824005, 441874000) based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Payer (2.16.840.1.114222.4.11.3591): Added 5 SOP codes (1111, 1112, 142, 344, 141) based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead