

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

Measure Information

General eCQM Information	
CMS Measure ID	CMS122v9
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 with diabetes with a visit during the measurement period
Denominator Statement	Equals Initial Population
Denominator Exclusions	Exclude patients whose hospice care overlaps the measurement period. Exclude patients 66 and older who are living long term in an institution for more than 90 consecutive days during the measurement period. Exclude patients 66 and older with advanced illness and frailty because it is unlikely that patients will benefit from the services being measured.
Numerator Statement	Patients whose most recent HbA1c level (performed during the measurement period) is >9.0%
Numerator Exclusions	Not Applicable
Denominator Exceptions	None
Measure Steward	National Committee for Quality Assurance
Domain	Effective Clinical Care
Measure Scoring	Proportion measure
Measure Type	Intermediate Outcome measure
Improvement Notation	Lower score indicates better quality

Guidance	<p>Patient is numerator compliant if most recent HbA1c level >9%, the most recent HbA1c result is missing, or if there are no HbA1c tests performed and results documented during the measurement period. If the HbA1c test result is in the medical record, the test can be used to determine numerator compliance.</p> <p>Only patients with a diagnosis of Type 1 or Type 2 diabetes should be included in the denominator of this measure; patients with a diagnosis of secondary diabetes due to another condition should not be included.</p> <p>This eCQM is a patient-based measure.</p> <p>This version of the eCQM uses QDM version 5.5. Please refer to the eCQI resource center for more information on the QDM.</p>
Quality ID	1
Meaningful Measure	Management of Chronic Conditions
Telehealth Eligible	Yes
Next Version	CMS122v10
Previous Version	CMS122v8

Specifications and Data Elements

Attachment	Size
CMS122v9.html	68.29 KB
CMS122v9.zip	88.86 KB
CMS122v9-TRN.xlsx	22.2 KB

Data Element Repository

- [Data Elements contained within CMS122v9](#)

Release Notes

- [CMS122v9-TRN.xlsx](#)

Header

- Updated eCQM Version Number.
Measure Section: eCQM Version Number
Source of Change: Standards Update
- Updated copyright.
Measure Section: Copyright
Source of Change: Annual Update
- Updated the rationale to remove outdated references and content and to update references.
Measure Section: Rationale
Source of Change: Measure Lead
- Updated the clinical recommendations statement to remove outdated references and update with the most recent clinical recommendations.
Measure Section: Clinical Recommendation Statement
Source of Change: Measure Lead
- Updated references.
Measure Section: Reference
Source of Change: Standards Update
- Added text to identify the Quality Data Model (QDM) version used in the measure specification.
Measure Section: Guidance
Source of Change: Standards Update
- Added text to indicate whether the measure is patient-based or episode-based.
Measure Section: Guidance
Source of Change: Standards Update
- Updated denominator exclusions to add the word 'consecutive' to clarify that the Long-Term Illness (LTI) exclusion should be for 90 consecutive days.
Measure Section: Denominator Exclusions
Source of Change: Measure Lead

Logic

- Updated denominator exclusion logic for frailty and clarified that the long-term illness exclusion should be for 90 'consecutive' days to reduce ambiguity.
Measure Section: Denominator Exclusions
Source of Change: Measure Lead
- Clinical Quality Language (CQL) Library version update: Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-1.3.000).
Measure Section: Multiple Sections
Source of Change: Measure Lead
- CQL Library version update: Updated version number of the Hospice Library (Hospice-2.2.000).
Measure Section: Multiple Sections
Source of Change: Measure Lead
- QDM v5.5 standards update: Added 'relevantDatetime' attribute to QDM datatypes. 'RelevantDatetime' indicates when the action occurred whereas 'authorDatetime' indicates when the action was recorded.
Measure Section: Multiple Sections
Source of Change: Standards Update
- Updated CQL expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 4 (CQL 1.4).

Measure Section: Multiple Sections

Source of Change: Standards Update

- Updated CQL Library version number of the advanced illness and frailty exclusion library (AdvancedIllnessandFrailtyExclusionECQM-5.5.000).

Measure Section: Multiple Sections

Source of Change: Measure Lead

- Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the [CQL Style Guide](#).

Measure Section: Multiple Sections

Source of Change: Standards Update

- Updated version number of the [Measure Authoring Tool \(MAT\)](#) Global Common Functions Library (MATGlobalCommonFunctions-5.0.000). Updated definitions and functions in the MAT Global Common Functions Library to align with standards changes, CQL Style Guide, and to include one new function related to calculating length of hospital stays with observation stays.

Measure Section: Multiple Sections

Source of Change: Standards 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 Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 3 SNOMED CT codes (314772004, 421164006, 314894004) based on terminology update.

Measure Section: Terminology

Source of Change: Annual Update

- Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Removed extensional value set Frailty Device (2.16.840.1.113883.3.464.1003.118.11.1114) with HCPCS codes from the grouping and added Frailty Device SNOMED (2.16.840.1.113883.3.464.1003.118.11.1220) with SNOMED CT codes to the grouping to align with recommended terminology.

Measure Section: Terminology

Source of Change: Annual Update

- Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Deleted 4 SNOMED CT codes (267031002, 272060000, 272062008, 314109004) based on terminology update.

Measure Section: Terminology

Source of Change: Annual Update

- Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added 3 CPT codes (99315, 99316, 99318) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, to capture additional nursing facility visit encounter types.

Measure Section: Terminology

Source of Change: Annual Update

- Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Deleted 1 SNOMED CT code (2876009) based on terminology update.

Measure Section: Terminology

Source of Change: Annual Update