

Diabetes: Glycemic Status Assessment Greater Than 9%

Measure Information

General eCQM Information	
Measure Information	2025 Performance/Reporting Period
CMS eCQM ID	CMS122v13
NQF Number	Not Applicable
CBE ID*	Not Applicable
MIPS Quality ID	001
Measure Steward	National Committee for Quality Assurance
Description	Percentage of patients 18-75 years of age with diabetes who had a glycemic status assessment (hemoglobin A1c [HbA1c] or glucose management indicator [GMI]) > 9.0% during the measurement period
Measure Scoring	Proportion measure
Measure Type	Intermediate Clinical Outcome
Stratification	None
Risk Adjustment	None
Rationale	Diabetes is the seventh leading cause of death in the United States (Centers for Disease Control and Prevention [CDC], 2022a). In 2019, diabetes affected more than 37 million Americans (11.3% of the U.S. population) and killed more than 87,000 people (American Diabetes Association [ADA], 2022a). Diabetes is a long-lasting disease marked by high blood glucose levels, resulting from the body's inability to produce or use insulin properly (CDC, 2022a). People with diabetes are at increased risk of serious health complications including vision loss, heart disease, stroke, kidney damage, amputation of feet or legs, and premature death (CDC, 2022b). In 2017, diabetes cost the U.S. an estimated \$327 billion: \$237 billion in direct medical costs and \$90 billion in reduced productivity. This is a 34% increase from the estimated \$245 billion spent on diabetes in 2012 (ADA, 2018).

	Controlling A1c blood levels helps reduce the risk of microvascular complications (eye, kidney and nerve diseases) (ADA, 2022b).
Clinical Recommendation Stat	American Diabetes Association (2023): - Assess glycemic status (A1C or other glycemic measurement such as time in range or glucose management indicator) at least two times a year in patients who are meeting treatment goals (and who have stable glycemic control). (Level of evidence: E) - An A1C goal for many nonpregnant adults of <7% (53 mmol/mol) without significant hypoglycemia is appropriate. (Level of evidence: A) - On the basis of health care professional judgement and patient preference, achievement of lower A1C levels than the goal of 7% may be acceptable and even beneficial if it can be achieved safely without significant hypoglycemia or other adverse effects of treatment. (Level of evidence: B) - Less stringent A1C goals (such as <8% [64 mmol/mol]) may be appropriate for patients with limited life expectancy or where the harms of treatment are greater than the benefits. Health care professionals should consider deintensification of therapy if appropriate to reduce the risk of hypoglycemia in patients with inappropriate stringent A1C targets. (Level of evidence: B) - Standardized, single-page glucose reports from continuous glucose monitoring (CGM) devices with visual cues, such as the ambulatory glucose profile, should be considered as a standard summary for all CGM devices. Level of evidence: E
Improvement Notation	Lower score indicates better quality
Lower score indicates better quality	None
Guidance	If the glycemic status assessment (HbA1c or GMI) is in the medical record, the test can be used to determine numerator compliance. Glycemic status assessment (HbA1c or GMI) must be reported as a percentage (%). If multiple glycemic status assessments were recorded for a single date, use the lowest result. 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.

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 diagnosis 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 glycemic status assessment (HbA1c or GMI) (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
Telehealth Eligible	Yes
Next Version	No Version Available
Previous Version	CMS122v12

*Verify active CBE endorsement on the CMS certified consensus-based entity's [PQM website](#)

Specifications and Measure Resources

- **Specifications**
 - [CMS122v13.html](#)
 - [CMS122v13.zip \(ZIP\)](#)
- **Additional Resources for CMS122v13**
 - [Value Sets](#)
 - [Data Elements](#)
 - [eCQM Flow \(PDF\)](#)
 - [Technical Release Notes \(Excel\)](#)
 - [Jira Issue Tracker tickets](#)

*Note there may be more tickets for CMS122v13 in the [eCQM Tracker - ONC Project Tracking System \(Jira\)](#). Only tickets tagged with their associated CMS measure ID appear.

Use the eCQM Tracker to [open new issues](#) regarding eCQM implementation. [Log in](#) required.

Technical Release Notes

- [CMS122v13-TRN.xlsxv](#) (Excel)

Header

- Removed special characters from measure title to allow for improved parsing of text.
Measure Section: [eCQM](#) Title
Source of Change: Annual Update
- Updated the eCQM version number.
Measure Section: eCQM Version Number
Source of Change: Annual Update
- Changed all references from NQF to [CBE](#) to identify the consensus-based entity role.
Measure Section: CBE Number
Source of Change: Annual Update
- Updated copyright.
Measure Section: Copyright
Source of Change: Annual Update
- Added flexibility to prioritize the lowest result among multiple glycemic status assessments on the same day to align with measure intent.
Measure Section: Guidance
Source of Change: Measure Lead
- Reduced the complexity of advanced illness criteria by removing the requirement to have at least two outpatient encounters or one inpatient encounter with the advanced illness diagnosis.
Measure Section: [Denominator Exclusions](#)
Source of Change: Measure Lead

- Added glucose management indicator (GMI) as an option to meet [Numerator](#) criteria based on guideline updates.
Measure Section: Multiple Sections
Source of Change: Measure Lead
- Updated references and measure header to reflect current evidence and new or updated literature.
Measure Section: Multiple Sections
Source of Change: Measure Lead

Logic

- Updated the timing comparison precision in the definitions from datetime to date by adding 'day of' operator to align with the measure intent and address time zone issues.
Measure Section: Initial Population
Source of Change: Measure Lead
- Added glucose management indicator (GMI) as an option to meet Numerator criteria based on guideline updates.
Measure Section: Numerator
Source of Change: Measure Lead
- Updated the version number of the Palliative Care Exclusion Library to v4.0.000 and the library name from 'PalliativeCareExclusionECQM' to 'PalliativeCareQDM.'
Measure Section: Definitions
Source of Change: Annual Update
- Updated the version number of the Hospice Library to v6.0.000 and the library name from 'Hospice' to 'HospiceQDM.'
Measure Section: Definitions
Source of Change: Annual Update
- Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v9.0.000 and the library name from 'AdvancedIllnessandFrailtyExclusionECQM' to 'AdvancedIllnessandFrailtyQDM.'
Measure Section: Definitions
Source of Change: Annual Update
- Updated the timing comparison precision in the definitions from datetime to date by adding 'day of' operator to align with the measure intent and address time zone issues.
Measure Section: Definitions
Source of Change: Measure Lead
- Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v8.0.000 and the library name from 'MATGlobalCommonFunctions' to 'MATGlobalCommonFunctionsQDM.'
Measure Section: Definitions
Source of Change: Annual Update

- Reduced the complexity of advanced illness criteria by removing the requirement to have at least two outpatient encounters or one inpatient encounter with the advanced illness diagnosis.
Measure Section: Definitions
Source of Change: Measure Lead
- Added glucose management indicator (GMI) as an option to meet Numerator criteria based on guideline updates.
Measure Section: Definitions
Source of Change: Measure Lead
- Renamed [value set](#) to 'Payer Type' to more accurately reflect the contents and intent of the value set.
Measure Section: Definitions
Source of Change: Standards/Technical Update
- Added flexibility to prioritize the lowest result among multiple glycemic status assessments on the same day to align with measure intent.
Measure Section: Definitions
Source of Change: Measure Lead
- Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v8.0.000 and the library name from 'MATGlobalCommonFunctions' to 'MATGlobalCommonFunctionsQDM.'
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.

- Removed value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083) based on change in measure requirements/measure [specification](#).
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 69 ICD-10-CM codes based on review by technical experts, [SMEs](#), and/or public feedback. Deleted 5 ICD-10-CM codes (F01.51, F02.81, F03.91, J84.17, K74.0) based on review by technical experts, SMEs, and/or public feedback. Added 109 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 22 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added 3 SNOMED CT codes (86013001, 90526000, 866149003) based on review by technical experts, SMEs, and/or public

feedback. Added 1 HCPCS code (G0402) 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 1 SNOMED CT code (314904008) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Removed value set Emergency Department Evaluation and Management Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on change in measure requirements/measure specification.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 12 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Deleted 7 SNOMED CT codes (414188008, 414189000, 16728003, 162845004, 699215008, 699218005, 459821000124104) 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 10 SNOMED CT codes (267031002, 272062008, 314109004, 271875007, 394616008, 163600007, 163695007, 268964003, 272036004, 225612007) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Value set Home Healthcare Services (2.16.840.1.113883.3.464.1003.101.12.1016): Deleted 1 CPT code (99343) 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): Added 2 SNOMED CT codes (170935008, 170936009) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (385765002) based on review by technical experts, SMEs, and/or public feedback.

Measure Section: Terminology

Source of Change: Measure Lead

- Removed value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084) based on change in measure requirements/measure specification.
Measure Section: Terminology
Source of Change: Measure Lead
- Removed value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086) based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001): Deleted 2 SNOMED CT codes (30346009, 37894004) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 CPT code (99201) based on review by technical experts, SMEs, and/or public feedback.
Measure Section: Terminology
Source of Change: Measure Lead
- Removed value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087) based on change in measure requirements/measure specification.
Measure Section: Terminology
Source of Change: Measure Lead
- Value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090): Added 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 (2.16.840.1.114222.4.11.3591): Renamed to Payer Type based on recommended value set naming conventions.
Measure Section: Terminology
Source of Change: Annual Update
- Added [direct reference code](#) LOINC code (97506-0) based on applicability of a single code to represent clinical data.
Measure Section: Terminology
Source of Change: Annual Update