

Technical Release Notes:

**2022 Performance Period Electronic Clinical Quality Measures (eCQMs)
for Eligible Professionals and Eligible Clinicians
Updated December 2021**

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CMS2v11 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Removed NQF number and notation of endorsement from measure header because this measure is no longer endorsed by NQF.	Header	NQF Number	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Removed NQF number and notation of endorsement from measure header because this measure is no longer endorsed by NQF.	Header	Endorsed By	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the rationale to align with current evidence based on published literature.	Header	Rationale	Measure Lead
Added the 2019 United States Preventative Services Task Force recommendation statement about perinatal depression to ensure measure includes updated evidence and clinical guidelines.	Header	Clinical Recommendation Statement	Expert Work Group Review
Updated references.	Header	Reference	Annual Update
Updated the language in the list of numerator-compliant follow-up plans to ensure patients receive clinically appropriate treatment based on the recommendations from clinical experts.	Header	Definition	Expert Work Group Review
Added a new guidance statement to clarify measure instructions regarding the appropriateness of pharmacological intervention.	Header	Guidance	Expert Work Group Review
Added guidance statement that a specific depression screening score is not required to calculate the measure for clarity and to align with guidance from the PREV-12 modality.	Header	Guidance	Measure Lead
Made minor updates to grammar and wording to improve readability and consistency.	Header	Guidance	Annual Update
Removed language related to setting.	Header	Guidance	Measure Lead
Updated existing guidance to reflect the language changes to the list of numerator-compliant follow-up plans in the Definition section.	Header	Guidance	Expert Work Group Review
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Encounter to Screen for Depression (2.16.840.1.113883.3.600.1916): Deleted 1 CPT code (99201) based on terminology update.	Value Set	Terminology	Annual Update
Value set Bipolar Diagnosis (2.16.840.1.113883.3.600.450): Added 7 ICD-9-CM codes (296.50, 296.51, 296.53, 296.54, 296.55, 296.56, 296.89) based on review by technical experts, SMEs, and/or public feedback. Added 1 ICD-10-CM code (F31.0) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS2v11 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Depression Diagnosis (2.16.840.1.113883.3.600.145): Deleted 6 ICD-10-CM codes (O90.6, O99.340, O99.341, O99.342, O99.343, O99.345) based on review by technical experts, SMEs, and/or public feedback. Added 1 ICD-9-CM code (296.35) based on review by technical experts, SMEs, and/or public feedback. Added 3 SNOMED CT codes (191604000, 10811121000119102, 133121000119109) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value sets Negative Depression Screening (2.16.840.1.113883.3.526.3.1564) and Positive Depression Screening (2.16.840.1.113883.3.526.3.1565) with direct reference codes SNOMED CT codes (428171000124102, 428181000124104) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Annual Update
Value set Adult Depression Medications (2.16.840.1.113883.3.526.3.1566): Added 1 RxNorm code (616402) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 RxNorm codes (251200, 794947, 199283) based on terminology update.	Value Set	Terminology	Annual Update
Value set Adolescent Depression Medications (2.16.840.1.113883.3.526.3.1567): Deleted 2 RxNorm codes (251200, 794947) based on terminology update.	Value Set	Terminology	Annual Update
Value set Follow Up for Adult Depression (2.16.840.1.113883.3.526.3.1568): Added 1 SNOMED CT code (228557008) based on terminology update. Deleted 1 SNOMED CT code (304891004) based on terminology update.	Value Set	Terminology	Annual Update
Value set Follow Up for Adolescent Depression (2.16.840.1.113883.3.526.3.1569): Added 1 SNOMED CT code (228557008) based on terminology update. Deleted 1 SNOMED CT code (304891004) based on terminology update.	Value Set	Terminology	Annual Update

CMS22v10 - Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Replaced 'pre-hypertensive' with 'elevated' to reflect updated blood pressure classifications in the most recent American College of Cardiology (ACC) and American Heart Association (AHA) Guidelines.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the Rationale section to incorporate language reflecting ACC/AHA guidelines stressing the importance of periodic blood pressure screening to preventing cardiovascular disease risk, and evidence from the peer-reviewed literature indicating potential for improved blood pressure levels following pharmacist-led interventions involving medication counseling and patient education.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Updated blood pressure readings indicating elevated and hypertensive thresholds and recommended follow-up interventions per the 2017 ACC/AHA guidelines.	Header	Definition	Measure Lead
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Replaced 'pre-hypertensive' with 'elevated' to reflect updated blood pressure classifications per the 2017 ACC/AHA guidelines.	Header	Multiple Sections	Measure Lead
Updated systolic and diastolic blood pressure (SBP and DBP) values for Encounters with Normal (SBP less than 120 mmHg and DBP less than 80 mmHg) and Elevated (SBP 120 to 129 mmHg and DBP less than 80 mmHg), First (SBP greater than or equal to 130 mmHg or DBP greater than or equal to 80 mmHg), and Second (SBP 130 to 139 mmHg or DBP 80 to 89 mmHg or SBP greater than or equal to 140 mmHg or DBP greater than or equal to 90 mmHg) Hypertensive Readings per the 2017 ACC/AHA guidelines.	Logic	Numerator	Expert Work Group Review
Linked denominator exception 'patient reason' to appropriate blood pressure classifications and recommended follow up plans defined in the numerator. Clinicians will only meet the exception criteria if the documentation reflects that the patient declined one of the follow up interventions that is appropriate based on the patient's BP at that encounter.	Logic	Denominator Exceptions	Measure Lead
Added denominator exceptions for patients declining interventions for encounters with elevated or first or second hypertensive readings.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated blood pressure values for Encounters with Elevated, First, and Second Hypertensive readings and recommended follow-up interventions associated with each threshold to align with the 2017 ACC/AHA guidelines. There are two sets of follow-up interventions for the SBP and DBP thresholds given for Encounters with Second Hypertensive Readings.	Logic	Multiple Sections	Expert Work Group Review
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update

CMS22v10 - Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Weight Reduction Recommended (2.16.840.1.113883.3.600.1510): Added 6 SNOMED CT codes (1181000175107, 284352003, 388975008, 398752005, 410201001, 445033007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dietary Recommendations (2.16.840.1.113883.3.600.1515): Added 6 SNOMED CT codes (1151000175103, 285383009, 435771000124106, 699849008, 715282001, 770749002) based on review by technical experts, SMEs, and/or public feedback. Deleted 4 SNOMED CT codes (289177005, 437211000124103, 437391000124102, 438961000124108) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Encounter to Screen for Blood Pressure (2.16.840.1.113883.3.600.1920): Deleted 1 CPT code (99201) based on terminology update.	Value Set	Terminology	Annual Update
Value set Diagnosis of Hypertension (2.16.840.1.113883.3.600.263): Deleted 1 ICD-10-CM code (I67.4) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Pharmacologic Therapy for Hypertension (2.16.840.1.113883.3.526.1577): Deleted 33 RxNorm codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Referral to Primary Care or Alternate Provider (2.16.840.1.113883.3.526.3.1580): Added 2 SNOMED CT codes (306362008, 453641000124107) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Follow Up Within One Year (2.16.840.1.113883.3.526.3.1579) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference codes SNOMED CT codes (183624006, 183625007) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS50v10 - Closing the Referral Loop: Receipt of Specialist Report

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Modified the Stille reference in the rationale to align with APA in-text citation guidelines.	Header	Rationale	Measure Lead
Revised the guidance to aid implementation by clarifying who is responsible for reporting the measure and the clinical actions required.	Header	Guidance	ONC Project Tracking System (Jira): CQM-4138
Revised initial population statement language to promote readability.	Header	Initial Population	Annual Update
Removed extraneous comma in Supplemental Data Elements field.	Header	Supplemental Data Elements	Annual Update
Added a return clause to the 'Intervention, Performed': 'Referral' portion of the First Referral during Measurement Period definition to enable passing of consistent information to identify the first referral.	Logic	Definitions	Annual Update
Updated the attributes identified with the first referral in the Referring Provider Receives Consultant Report to Close Referral Loop definition to align with those described in the First Referral during Measurement Period definition.	Logic	Definitions	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Consultant Report (2.16.840.1.113883.3.464.1003.121.12.1006): Added 14 LOINC codes based on terminology update.	Value Set	Terminology	Annual Update

CMS56v10 - Functional Status Assessment for Total Hip Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Primary THA Procedure (2.16.840.1.113883.3.464.1003.198.12.1006): Added 1 SNOMED CT code (770606008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Fracture - Lower Body (2.16.840.1.113883.3.464.1003.113.12.1037): Added 1 SNOMED CT code (764932008) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (208623004, 208627003, 208614002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hip Dysfunction and Osteoarthritis Outcome Score for Joint Replacement [HOOSJR] (2.16.840.1.113883.3.464.1003.118.12.1210) and replaced with direct reference code LOINC Code (82323-7) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS66v10 - Functional Status Assessment for Total Knee Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Primary TKA Procedure (2.16.840.1.113883.3.464.1003.198.12.1007): Added 4 SNOMED CT codes (444463001, 609588000, 764931001, 764932008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Fracture - Lower Body (2.16.840.1.113883.3.464.1003.113.12.1037): Added 1 SNOMED CT code (764932008) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (208623004, 208627003, 208614002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Knee Injury and Osteoarthritis Outcome Score for Joint Replacement [KOOSJR] (2.16.840.1.113883.3.464.1003.118.12.1218) with direct reference code LOINC code (82324-5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS68v11 - Documentation of Current Medications in the Medical Record

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Removed NQF number and notation of endorsement from measure header because this measure is no longer endorsed by NQF.	Header	NQF Number	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Removed NQF number and notation of endorsement from measure header because this measure is no longer endorsed by NQF.	Header	Endorsed By	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated rationale to incorporate current literature and statistics.	Header	Rationale	Measure Lead
Updated clinical recommendation statement to align with The Joint Commission's 2020 Ambulatory Health Care National Patient Safety Goals guide.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Standards Update
Relocated the provider attestation statement in the guidance section to improve readability.	Header	Guidance	Annual Update
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Annual Update
Removed extraneous comma in Supplemental Data Elements field.	Header	Supplemental Data Elements	Annual Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Definitions	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Functions	Standards Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Value set Encounter to Document Medications (2.16.840.1.113883.3.600.1.1834): Added 6 CPT codes (99211, 92549, 92650, 92651, 92652, 92653) based on terminology update. Deleted 2 CPT codes (92585, 99201) based on terminology update. Added 7 SNOMED CT codes (183382003, 163497009, 169762003, 18114009, 183383008, 698610002, 870422002) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (273643004, 385973000, 405096004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS69v10 - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the rationale to align with current evidence based on published literature.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Removed 'There is no diagnosis associated with this measure' from the guidance section to ensure that the measure guidance aligns with eCQM technical specification and logic, which does use diagnosis codes.	Header	Guidance	Annual Update
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Made minor updates to grammar and wording to improve readability and consistency.	Header	Multiple Sections	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Encounter to Evaluate BMI (2.16.840.1.113883.3.600.1.1751): Deleted 1 CPT code (99201) based on terminology update.	Value Set	Terminology	Annual Update
Value set Pregnancy or Other Related Diagnoses (2.16.840.1.113883.3.600.1.1623): Added 5 ICD-10-CM codes (O99.891, O99.892, O99.893, O34.218, O34.22), Deleted 2 ICD-10-CM codes (A34, O99.89), Added 1 SNOMED CT code (169488004), Deleted 1 SNOMED CT code (102873005) based on terminology update and review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Medications for Above Normal BMI (2.16.840.1.113883.3.526.3.1561): Deleted 2 RxNorm codes (1300706, 1808549) based on terminology update.	Value Set	Terminology	Annual Update
Value set Medications for Below Normal BMI (2.16.840.1.113883.3.526.3.1562): Deleted 1 RxNorm code (860231) based on terminology update.	Value Set	Terminology	Annual Update

CMS74v11 - Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS75v10 - Children Who Have Dental Decay or Cavities

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Revised the measure description to align with the measure intent and guidance.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Added clarifying language to the guidance section indicating that the measure is not eligible for telehealth visit.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Dental Caries (2.16.840.1.113883.3.464.1003.125.12.1004): Deleted 10 ICD-9-CM codes (521.00, 521.01, 521.02, 521.03, 521.04, 521.05, 521.06, 521.07, 521.08, 521.09) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead

CMS90v11 - Functional Status Assessments for Heart Failure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed 'congestive' from the measure title to align with the measure intent.	Header	eCQM Title	Measure Lead
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Revised the measure description to align with the measure intent and guidance.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the guidance language to clarify encounter timing and align with the measure intent.	Header	Guidance	Measure Lead
Revised the initial population timing language to align with the logic.	Header	Initial Population	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the 'KCCQ Total Assessment Completed' definition name to reflect a similar format in other definitions in the measure.	Logic	Definitions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Replaced the 'Follow Up Encounter' definition in the initial population with a new definition 'Two Outpatient Encounters during Measurement Period' to align the encounter timing with the measure intent.	Logic	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Revised the measure CQL library name from FunctionalStatusAssessmentsforCongestiveHeartFailure to FunctionalStatusAssessmentsforHeartFailure to align with the revised measure title. This change will be seen in the measure package and not the human readable specification.	Logic	eCQM Identifier (Measure Authoring Tool)	Measure Lead
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Added 1 SNOMED CT code (871617000) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Online Assessments (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS117v10 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Revised the guidance to clarify the measure intent and numerator criteria.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the initial population to remove lower age boundary.	Logic	Initial Population	Measure Lead
Added definitions 'LAIV Vaccinations' and 'Two Influenza Vaccinations Including One LAIV Vaccination' to the numerator to allow for patients 2 years of age to receive an influenza LAIV vaccination as one of the two recommended influenza immunization doses.	Logic	Numerator	Measure Lead
Replaced the 'Anaphylactic Reaction to Hepatitis A Vaccine' value set with a direct reference code 'Adverse reaction to vaccine product containing Hepatitis A virus antigen' in the Hepatitis A Numerator Inclusion Conditions definition.	Logic	Definitions	Measure Lead
Updated select numerator definitions with current SNOMED code descriptions.	Logic	Definitions	Measure Lead
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Functions	Standards Update
Added the definition 'Date of Second Birthday' to clarify the timing for patient's second birthday for numerator criteria.	Logic	Multiple Sections	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Measles, Mumps and Rubella (MMR) Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1031): Added 2 SNOMED CT codes (571591000119106, 572511000119105) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Deleted 2 SNOMED CT codes (111867004, 84611003) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Hepatitis A Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1041): Added 3 SNOMED CT codes (871752004, 871753009, 871754003) based on terminology update.	Value Set	Terminology	Annual Update
Value set Inactivated Polio Vaccine (IPV) Administered (2.16.840.1.113883.3.464.1003.110.12.1045): Added 21 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 1 SNOMED CT code (359686005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Anaphylactic Reaction to Hepatitis A Vaccine (2.16.840.1.113883.3.464.1003.199.12.1026) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hepatitis B (2.16.840.1.113883.3.464.1003.110.12.1025): Added 1 SNOMED CT code (838380002) based on terminology update.	Value Set	Terminology	Annual Update
Value set Malignant Neoplasm of Lymphatic and Hematopoietic Tissue (2.16.840.1.113883.3.464.1003.108.12.1009): Added 61 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 28 SNOMED CT codes based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set DTaP Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1022): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Disorders of the Immune System (2.16.840.1.113883.3.464.1003.120.12.1001): Added 12 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 2 SNOMED CT codes (234603007, 25109007) based on review by technical experts, SMEs, and/or public feedback. Added 10 ICD-10-CM codes (D84.81, D84.821, D84.822, D84.89, D89.831, D89.832, D89.833, D89.834, D89.835, D89.839) based on terminology update.	Value Set	Terminology	Annual Update
Value set Severe Combined Immunodeficiency (2.16.840.1.113883.3.464.1003.120.12.1007): Deleted 1 SNOMED CT code (203592006) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Intussusception (2.16.840.1.113883.3.464.1003.199.12.1056): Added 3 SNOMED CT codes (26316005, 64976006, 91446004) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (197048002) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Varicella Zoster (2.16.840.1.113883.3.464.1003.110.12.1039): Added 11 SNOMED CT codes (15685201000119100, 15685281000119108, 15936581000119108, 15936621000119108, 15989271000119107, 15989311000119107, 15989351000119108, 15991711000119108, 15991791000119104, 838357005, 98541000119101) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (15681321000119100, 15681401000119101, 186525007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hepatitis B Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1042): Added 6 SNOMED CT codes (572561000119108, 770608009, 770616000, 770618004, 786846001, 787438002) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (116802006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Influenza Virus LAIV Immunization (2.16.840.1.113883.3.464.1003.110.12.1087) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Influenza Virus LAIV Procedure (2.16.840.1.113883.3.464.1003.110.12.1088) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 9 SNOMED codes (838377003, 840498003, 10755671000119100, 15928141000119107, 771119002, 771126002, 771127006, 72631000119101, 840442003) based on terminology update.	Value Set	Terminology	Annual Update
Added direct reference code CPT code (99211) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS122v10 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Updated the guidance to clarify the measure intent and support implementation.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to clarify the intent of the exclusion criteria.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Revised the numerator to align with the guidance and measure intent.	Header	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Added telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards..	Logic	Multiple Sections	Measure Lead
Updated Denominator Exclusions definition and added 'PalliativeCare.Palliative Care in the Measurement Period' definition to add an exclusion for palliative care.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Update Adult Outpatient Encounters CQL library to 2.0.000.	Logic	Multiple Sections	Measure Lead
Updated Advanced Illness and Frailty Exclusions CQL Library to version 6.0.000.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion CQL library to version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 37 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 12 SNOMED CT codes (421920002, 4783006, 75682002, 76751001, 769219006, 190388001, 190390000, 395204000, 421750000, 422014003, 703138006, 781000119106) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

CMS122v10 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 34 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology updates. Added 179 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, and based on terminology updates.	Value Set	Terminology	Measure Lead
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 11 SNOMED CT codes (185463005, 185464004, 185465003, 281036007, 30346009, 37894004, 3391000175108, 439740005, 77406008, 444971000124105, 84251009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 124 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.	Value Set	Terminology	Measure Lead
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Deleted 1 SNOMED CT code (413467001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 69 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 166 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added 4 RxNorm codes (1599803, 1599805, 1805420, 1805425) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (1858970, 996572, 996624) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 10 SNOMED CT codes (10378005, 18083007, 183452005, 19951005, 2252009, 73607007, 305339001, 50699000, 74857009, 78680009) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Replaced value set ED (2.16.840.1.113883.3.464.1003.101.12.1085) with value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS124v10 - Cervical Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Updated the guidance to clarify the measure intent and support implementation.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Denominator Exclusions	Measure Lead
Added 'Congenital or Acquired Absence of Cervix' to the Absence of Cervix definition to support a comprehensive method of identifying hysterectomy with cervix removal.	Logic	Definitions	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion CQL library version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set HPV Test (2.16.840.1.113883.3.464.1003.110.12.1059): Deleted 1 LOINC code (75406-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hysterectomy with No Residual Cervix (2.16.840.1.113883.3.464.1003.198.12.1014): Deleted 3 ICD-9-CM codes (752.43, V88.01, V88.03) based on review by technical experts, SMEs, and/or public feedback. Deleted 2 ICD-10-CM codes (Z90.710, Z90.712) based on review by technical experts, SMEs, and/or public feedback. Added 3 CPT codes (56308, 57530, 57531) based on review by technical experts, SMEs, and/or public feedback. Added 2 SNOMED CT codes (447771005, 473171009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Congenital or Acquired Absence of Cervix (2.16.840.1.113883.3.464.1003.111.12.1016) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS124v10 - Cervical Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (37687000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS125v10 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to clarify the intent of the exclusion criteria.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards.	Logic	Denominator Exclusions	Measure Lead
Updated Denominator Exclusions definition and added 'PalliativeCare. Palliative Care in the Measurement Period' definition to add an exclusion for palliative care.	Logic	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards.	Logic	Definitions	Measure Lead
Updated Denominator Exclusions definition and added 'PalliativeCare.Palliative Care in the Measurement Period' definition to add an exclusion for palliative care.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Update Adult Outpatient Encounters CQL library to 2.0.000.	Logic	Multiple Sections	Measure Lead
Updated Advanced Illness and Frailty Exclusions CQL Library to version 6.0.000.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion library version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set Bilateral Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1005): Added 2 SNOMED CT codes (836436008, 870629001) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (136071000119101, 428529004, 59860000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS125v10 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 34 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology updates. Added 179 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, and based on terminology updates.	Value Set	Terminology	Measure Lead
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 11 SNOMED CT codes (185463005, 185464004, 185465003, 281036007, 30346009, 37894004, 3391000175108, 439740005, 77406008, 444971000124105, 84251009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 124 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.	Value Set	Terminology	Measure Lead
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Deleted 1 SNOMED CT code (413467001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 69 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 166 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added 4 RxNorm codes (1599803, 1599805, 1805420, 1805425) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (1858970, 996572, 996624) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Unilateral Mastectomy Left (2.16.840.1.113883.3.464.1003.198.12.1133): Added 2 SNOMED CT codes (741009001, 741018004) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (12275221000119100, 137671000119105, 429009003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Unilateral Mastectomy Right (2.16.840.1.113883.3.464.1003.198.12.1134): Added 2 SNOMED CT codes (741010006, 741019007) based on review by technical experts, SMEs, and/or public feedback. Deleted 2 SNOMED CT codes (137681000119108, 429242008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Mammography (2.16.840.1.113883.3.464.1003.108.12.1018): Added 18 LOINC codes based on terminology update. Deleted 3 HCPCS codes (G0202, G0204, G0206) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 10 SNOMED CT codes (10378005, 18083007, 183452005, 19951005, 2252009, 73607007, 305339001, 50699000, 74857009, 78680009) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS125v10 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced value set ED (2.16.840.1.113883.3.464.1003.101.12.1085) with value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS127v10 - Pneumococcal Vaccination Status for Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Revised the age in the description to align with updates limiting the numerator to the PPSV23 vaccine.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Updated the guidance to clarify the measure intent and support implementation.	Header	Guidance	Measure Lead
Revised the age in the initial population to align with updates limiting the numerator to the PPSV23 vaccine.	Header	Initial Population	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the numerator statement to align with the clinical recommendations related to age and adverse reactions.	Header	Numerator	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Revised the age in the Initial Population definition to align with updates limiting the numerator to the PPSV23 vaccine.	Logic	Initial Population	Measure Lead
Revised the Numerator definition and added two definitions, Has Pneumococcal Polysaccharide Vaccine 23 Administered and Has Pneumococcal Vaccine Adverse Reaction, to align with the clinical recommendations related to age and adverse reactions.	Logic	Numerator	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference codes CPT codes (90732, 99211) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (293116002) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS127v10 - Pneumococcal Vaccination Status for Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set Pneumococcal Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1034) with value set Pneumococcal Polysaccharide 23 Vaccine (2.16.840.1.113883.3.464.1003.110.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS128v10 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Revised the definition to clarify timing related to the Index Prescription Start Date.	Header	Definition	Measure Lead
Revised the guidance to provide more clarity on the timing related to the Index Prescription Start Date.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Added interval timing in the Earliest Antidepressant Dispensed 245 Days Before or 120 Days After Start of Measurement Period definition to increase readability.	Logic	Multiple Sections	Measure Lead
Added the 'let' clause and consistent aliases in the Denominator Exclusions, Antidepressant Medication Period In 114 Days After Initial Dispense and Antidepressant Medication Period In 231 Days After Initial Dispense definitions to simplify and clarify logic.	Logic	Multiple Sections	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Major Depression (2.16.840.1.113883.3.464.1003.105.12.1007): Added 1 SNOMED CT code (16264621000119109) based on terminology update. Deleted 6 SNOMED CT codes (191601008, 191602001, 231499006, 274948002, 300706003, 321717001) based on terminology update.	Value Set	Terminology	Annual Update
Value set Antidepressant Medication (2.16.840.1.113883.3.464.1003.196.12.1213): Deleted 10 RxNorm codes (1439840, 251200, 794947, 1298803, 199283, 199820, 313497, 857291, 857296, 857315) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Telephone Evaluation (2.16.840.1.113883.3.464.1003.101.12.1082) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS128v10 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Telephone Management (2.16.840.1.113883.3.464.1003.101.12.1053) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS129v11 - Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Spelled out the SEER acronym in the rationale to read 'Surveillance, Epidemiology and End Results' to promote readability.	Header	Rationale	Measure Lead
Updated clinical recommendation to align with the 2019 AUA guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Updated the narrative denominator exception text to align with grammatical standards and be inclusive of reporting providers.	Header	Denominator Exclusions	Measure Lead
Updated references.	Header	Multiple Sections	Annual Update
Expanded the initial population to include all patients with a prostate cancer diagnosis to capture all relevant patients.	Logic	Initial Population	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Removed value set Male (2.16.840.1.113883.3.560.100.1) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS130v10 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to clarify the intent of the exclusion criteria.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Added LatestOf function to the definitions to better capture the end timing of the associated laboratory tests and physical exams.	Logic	Multiple Sections	Standards Update
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards.	Logic	Multiple Sections	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Update Adult Outpatient Encounters CQL library to 2.0.000.	Logic	Multiple Sections	Measure Lead
Updated Advanced Illness and Frailty Exclusions CQL Library to version 6.0.000.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion CQL library version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set Malignant Neoplasm of Colon (2.16.840.1.113883.3.464.1003.108.12.1001): Added 3 ICD-10-CM codes (C21.2, C21.8, C78.5) based on terminology update.	Value Set	Terminology	Annual Update
Value set Colonoscopy (2.16.840.1.113883.3.464.1003.108.12.1020): Added 5 CPT codes (44393, 44397, 45355, 45383, 45387) based on terminology update.	Value Set	Terminology	Annual Update
Value set Flexible Sigmoidoscopy (2.16.840.1.113883.3.464.1003.198.12.1010): Added 2 CPT codes (45339, 44397) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS130v10 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Total Colectomy (2.16.840.1.113883.3.464.1003.198.12.1019): Added 7 SNOMED CT codes (713165008, 787108001, 787109009, 787874000, 787875004, 787876003, 858579005) based on review by technical experts, SMEs, and/or public feedback. Added 2 CPT codes (44152, 44153) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 34 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology updates. Added 179 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, and based on terminology updates.	Value Set	Terminology	Measure Lead
Replaced value set ED (2.16.840.1.113883.3.464.1003.101.12.1085) with value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 11 SNOMED CT codes (185463005, 185464004, 185465003, 281036007, 30346009, 37894004, 3391000175108, 439740005, 77406008, 444971000124105, 84251009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 124 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.	Value Set	Terminology	Measure Lead
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Deleted 1 SNOMED CT code (413467001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 69 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 166 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added 4 RxNorm codes (1599803, 1599805, 1805420, 1805425) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (1858970, 996572, 996624) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 10 SNOMED CT codes (10378005, 18083007, 183452005, 19951005, 2252009, 73607007, 305339001, 50699000, 74857009, 78680009) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS130v10 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS131v10 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Replaced 'overlaps' or 'overlapping' in the description with plain language to clarify the measure intent.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Revised the guidance language to further clarify the measure intent.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to clarify the intent of the exclusion criteria.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Replaced 'overlaps' or 'overlapping' in the numerator with plain language to clarify the measure intent.	Header	Numerator	Measure Lead
Added telephone visits as appropriate encounter based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards.	Logic	Multiple Sections	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Advanced Illness and Frailty Exclusions CQL Library to version 6.0.000.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion CQL library version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 37 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 12 SNOMED CT codes (421920002, 4783006, 75682002, 76751001, 769219006, 190388001, 190390000, 395204000, 421750000, 422014003, 703138006, 781000119106) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

CMS131v10 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 34 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology updates. Added 179 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, and based on terminology updates.	Value Set	Terminology	Measure Lead
Replaced value set ED (2.16.840.1.113883.3.464.1003.101.12.1085) with value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 11 SNOMED CT codes (185463005, 185464004, 185465003, 281036007, 30346009, 37894004, 3391000175108, 439740005, 77406008, 444971000124105, 84251009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 124 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.	Value Set	Terminology	Measure Lead
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Deleted 1 SNOMED CT code (413467001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 69 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 166 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added 4 RxNorm codes (1599803, 1599805, 1805420, 1805425) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (1858970, 996572, 996624) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Diabetic Retinopathy (2.16.840.1.113883.3.526.3.327): Added 1 SNOMED CT code (870420005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 10 SNOMED CT codes (10378005, 18083007, 183452005, 19951005, 2252009, 73607007, 305339001, 50699000, 74857009, 78680009) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS131v10 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code LOINC code (71007-9) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS133v10 - Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Replaced the 'Episcleritis and Scleritis' value set with a 'Scleritis' value set to reflect updated guidance that episcleritis does not affect central visual acuity and is therefore not a valid exclusion for this measure.	Logic	Denominator Exclusions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Acute and Subacute Iridocyclitis (2.16.840.1.113883.3.526.3.1241): Added 6 SNOMED CT codes (332921000119107, 338531000119102, 344301000119109, 675361000119103, 675371000119109, 675381000119107) based on terminology update.	Value Set	Terminology	Annual Update
Value set Cataract Surgery (2.16.840.1.113883.3.526.3.1411): Added 3 SNOMED CT codes (172523009, 860930005, 860934001) based on terminology update.	Value Set	Terminology	Annual Update
Value set Cloudy Cornea (2.16.840.1.113883.3.526.3.1417): Added 3 SNOMED CT codes (333881000119109, 339481000119109, 344611000119101) based on terminology update.	Value Set	Terminology	Annual Update
Value set Corneal Edema (2.16.840.1.113883.3.526.3.1418): Added 3 SNOMED CT codes (336241000119105, 341851000119102, 347061000119104) based on terminology update.	Value Set	Terminology	Annual Update
Value set Hereditary Corneal Dystrophies (2.16.840.1.113883.3.526.3.1424): Deleted 2 SNOMED CT codes (418946006, 419087002) based on terminology update. Added 18 ICD-10-CM codes based on terminology update. Deleted 7 ICD-10-CM codes (H18.50, H18.51, H18.52, H18.53, H18.54, H18.55, H18.59) based on terminology update.	Value Set	Terminology	Annual Update
Value set Central Corneal Ulcer (2.16.840.1.113883.3.526.3.1428): Deleted 1 SNOMED CT code (95731004) based on terminology update.	Value Set	Terminology	Annual Update
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Added 5 SNOMED CT codes (16837461000119106, 16837521000119102, 335471000119108, 346481000119100, 846621001) based on terminology update.	Value Set	Terminology	Annual Update
Value set Uveitis (2.16.840.1.113883.3.526.3.1444): Added 7 SNOMED CT codes (870199008, 870273007, 870329005, 870331001, 870332008, 870333003, 870335005) based on terminology update.	Value Set	Terminology	Annual Update

CMS133v10 - Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Visual Field Defects (2.16.840.1.113883.3.526.3.1446): Added 5 SNOMED CT codes (16059151000119108, 16059191000119103, 336171000119109, 341781000119100, 346991000119107). Added 14 ICD-10-CM codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Amblyopia (2.16.840.1.113883.3.526.3.1448): Added 4 SNOMED CT codes (335461000119102, 341071000119100, 343371000119101, 346331000119107) based on terminology update.	Value Set	Terminology	Annual Update
Value set Choroidal Detachment (2.16.840.1.113883.3.526.3.1451): Added 7 SNOMED CT codes (336071000119108, 334901000119109, 332111000119102, 343491000119109, 341681000119105, 340511000119109, 337721000119107) based on terminology update.	Value Set	Terminology	Annual Update
Value set Choroidal Hemorrhage and Rupture (2.16.840.1.113883.3.526.3.1452): Added 4 SNOMED CT codes (336051000119104, 336061000119102, 341661000119101, 341671000119107) based on terminology update.	Value Set	Terminology	Annual Update
Value set Degenerative Disorders of Globe (2.16.840.1.113883.3.526.3.1454): Deleted 3 SNOMED CT codes (247178009, 30523006, 3712000) based on terminology update.	Value Set	Terminology	Annual Update
Value set Disorders of Visual Cortex (2.16.840.1.113883.3.526.3.1458): Added 6 ICD-10-CM codes (H47.621, H47.622, H47.631, H47.632, H47.641, H47.642) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Glaucoma Associated with Congenital Anomalies, Dystrophies, and Systemic Syndromes (2.16.840.1.113883.3.526.3.1461): Added 5 SNOMED CT codes (15673041000119101, 15679801000119105, 333151000119108, 338761000119103, 370504007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Hereditary Choroidal Dystrophies (2.16.840.1.113883.3.526.3.1462): Deleted 1 SNOMED CT code (715417002) based on terminology update.	Value Set	Terminology	Annual Update
Value set Optic Atrophy (2.16.840.1.113883.3.526.3.1466): Added 6 SNOMED CT codes (348051000119102, 348501000119108, 680991000119108, 838307002, 838345001, 870319003) based on terminology update.	Value Set	Terminology	Annual Update
Value set Other and Unspecified Forms of Chorioretinitis and Retinochoroiditis (2.16.840.1.113883.3.526.3.1468): Added 14 SNOMED CT codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Other Disorders of Optic Nerve (2.16.840.1.113883.3.526.3.1471): Added 4 SNOMED CT codes (838324008, 838363001, 860808008, 860884007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Prior Penetrating Keratoplasty (2.16.840.1.113883.3.526.3.1475): Added 7 SNOMED CT codes (334551000119102, 334561000119100, 340151000119101, 340161000119104, 345511000119103, 345521000119105, 349321000119104) based on terminology update.	Value Set	Terminology	Annual Update
Value set Retinal Detachment with Retinal Defect (2.16.840.1.113883.3.526.3.1478): Added 2 SNOMED CT codes (331831000119109, 337451000119106) based on terminology update.	Value Set	Terminology	Annual Update
Value set Separation of Retinal Layers (2.16.840.1.113883.3.526.3.1482): Added 3 SNOMED CT codes (334891000119105, 340501000119106, 345811000119101) based on terminology update.	Value Set	Terminology	Annual Update
Value set Degeneration of Macula and Posterior Pole (2.16.840.1.113883.3.526.3.1453): Added 5 SNOMED CT codes (247200005, 335531000119109, 341141000119106, 346401000119108, 789220007) based on terminology update. Deleted 2 SNOMED CT codes (247145002, 247148000) based on terminology update.	Value Set	Terminology	Annual Update

CMS133v10 - Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Retinal Vascular Occlusion (2.16.840.1.113883.3.526.3.1479): Added 11 SNOMED CT codes (15997911000119103, 15997951000119102, 16279401000119108, 16279441000119105, 16711111000119100, 16711631000119103, 333281000119108, 337421000119103, 338891000119100, 677771000119102, 680941000119100) based on terminology update.	Value Set	Terminology	Annual Update
Value set Diabetic Retinopathy (2.16.840.1.113883.3.526.3.327): Added 1 SNOMED CT code (870420005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Glaucoma (2.16.840.1.113883.3.526.3.1423): Added 1 SNOMED CT codes (15679801000119105) based on terminology update. Deleted 6 SNOMED CT codes (10100008, 193546005, 193549003, 367360002, 55129006, 66990007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Cataract, Congenital (2.16.840.1.113883.3.526.3.1412): Added 8 SNOMED CT codes (335841000119103, 341451000119100, 346711000119101, 346731000119106, 349281000119109, 679911000119104, 679931000119109, 681041000119106) based on terminology update.	Value Set	Terminology	Annual Update
Value set Cataract, Posterior Polar (2.16.840.1.113883.3.526.3.1414): Added 2 SNOMED CT codes (15737681000119103, 16477021000119103) based on terminology update.	Value Set	Terminology	Annual Update
Value set Posterior Lenticonus (2.16.840.1.113883.3.526.3.1433): Added 3 SNOMED CT codes (15987911000119102, 840458000, 15987871000119100) based on terminology update.	Value Set	Terminology	Annual Update
Value set Traumatic Cataract (2.16.840.1.113883.3.526.3.1443): Added 1 SNOMED CT code (866114005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Macular Scar of Posterior Polar (2.16.840.1.113883.3.526.3.1559): Added 1 SNOMED CT code (344341000119106) based on terminology update. Deleted 1 SNOMED CT code (246181000119100) based on terminology update.	Value Set	Terminology	Annual Update
Value set Open Wound of Eyeball (2.16.840.1.113883.3.526.3.1430): Added 4 SNOMED CT codes (10942751000119100, 10942791000119105, 735657000, 870312007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value Set Nystagmus and Other Irregular Eye Movements (2.16.840.1.113883.3.526.3.1465): Added 1 ICD-10-CM codes (H55.82) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Scleritis (2.16.840.1.113762.1.4.1226.1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Scleritis and Episcleritis (2.16.840.1.113883.3.526.3.1481) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS134v10 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to clarify the intent of the exclusion criteria.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards.	Logic	Multiple Sections	Measure Lead
Revised the Nephropathy Screenings definition to group the procedures, interventions and lab tests separately from the encounters to align timing requirements for each screening data type.	Logic	Multiple Sections	Annual Update
Added telephone visits as appropriate encounter based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Multiple Sections	Measure Lead
Removed the Vascular Access for Dialysis value set from the Renal Procedures definition to streamline existing value sets and reduce redundancies.	Logic	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Update Adult Outpatient Encounters CQL library to 2.0.000.	Logic	Multiple Sections	Measure Lead
Updated Advanced Illness and Frailty Exclusions CQL Library to version 6.0.000.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion CQL library version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set ACE Inhibitor or ARB or ARNI (2.16.840.1.113883.3.526.3.1139): Deleted 9 RxNorm codes (199622, 199707, 199708, 199709, 199816, 199817, 411434, 858921, 199937) based on terminology update.	Value Set	Terminology	Annual Update
Value set Urine Protein Tests (2.16.840.1.113883.3.464.1003.109.12.1024): Added 6 LOINC codes (89998-9, 89999-7, 90000-1, 93746-6, 95232-5, 95233-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS134v10 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 35 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 4 CPT codes (50300, 50320, 50340, 50370) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Diabetic Nephropathy (2.16.840.1.113883.3.464.1003.109.12.1004): Added 9 SNOMED CT codes (71701000119105, 792926007, 90721000119101, 90731000119103, 90741000119107, 90751000119109, 90761000119106, 90771000119100, 96441000119101) based on terminology update. Deleted 4 SNOMED CT codes (236499007, 236500003, 420514000, 421305000) based on terminology update and updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Removed value set Vascular Access for Dialysis (2.16.840.1.113883.3.464.1003.109.12.1011) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hypertensive Chronic Kidney Disease (2.16.840.1.113883.3.464.1003.109.12.1017): Added 3 SNOMED CT codes (302910002, 431431000124100, 45281005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Kidney Failure (2.16.840.1.113883.3.464.1003.109.12.1028): Added 3 ICD-10-CM codes (N18.5, N18.6, N18.30, N18.31, N18.32) based on terminology update. Deleted 1 SNOMED CT code (711000119100) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Glomerulonephritis and Nephrotic Syndrome (2.16.840.1.113883.3.464.1003.109.12.1018): Added 95 SNOMED CT codes and deleted 15 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 8 ICD-10-CM codes (N00.A, N01.A, N02.A, N03.A, N04.A, N05.A, N06.A, N07.A) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 3 CPT codes (99512, 90997, 90999) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 5 CPT codes (1019320, 90940, 90957, 90958, 90959) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 1 HCPCS code (S9339) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 37 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 12 SNOMED CT codes (421920002, 4783006, 75682002, 76751001, 769219006, 190388001, 190390000, 395204000, 421750000, 422014003, 703138006, 781000119106) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 34 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology updates. Added 179 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, and based on terminology updates.	Value Set	Terminology	Measure Lead

CMS134v10 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set ED (2.16.840.1.113883.3.464.1003.101.12.1085) with value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 11 SNOMED CT codes (185463005, 185464004, 185465003, 281036007, 30346009, 37894004, 3391000175108, 439740005, 77406008, 444971000124105, 84251009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 124 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.	Value Set	Terminology	Measure Lead
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Deleted 1 SNOMED CT code (413467001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 69 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 166 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added 4 RxNorm codes (1599803, 1599805, 1805420, 1805425) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (1858970, 996572, 996624) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 10 SNOMED CT codes (10378005, 18083007, 183452005, 19951005, 2252009, 73607007, 305339001, 50699000, 74857009, 78680009) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS135v10 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Added ARNI medications to the medication dosing table to align with guidelines and specification.	Header	Clinical Recommendation Statement	Measure Lead
Updated definition pertaining to Moderate to Severe LVSD to better align with logic.	Header	Definition	Annual Update
Updated the Heart Failure Outpatient Encounter with Moderate or Severe LVSD and Heart Failure Inpatient Encounter with Moderate or Severe LVSD denominator definitions' timing from 'before' to 'starts before' to align timing with intent.	Logic	Denominator	Annual Update
Removed 'Medication, Active' from Population 2 numerator definition to align with standard capture of discharge medications.	Logic	Numerator	Annual Update
Added timing element to Pregnancy Diagnosis definition to prevent previous pregnancies from being captured in the measure.	Logic	Denominator Exceptions	Annual Update
Updated Outpatient Encounter definitions and removed FaceToFaceEncounter language to signal broadening of encounter type.	Logic	Definitions	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set ACE Inhibitor or ARB or ARNI (2.16.840.1.113883.3.526.3.1139): Deleted 9 RxNorm codes (199622, 199707, 199708, 199709, 199816, 199817, 411434, 858921, 199937) based on terminology update.	Value Set	Terminology	Annual Update
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Added 1 SNOMED CT code (871617000) based on terminology update.	Value Set	Terminology	Annual Update
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 77 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 19 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 24 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Left Ventricular Systolic Dysfunction (2.16.840.1.113883.3.526.2.859) with direct reference code SNOMED CT code (134401001) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Annual Update

CMS136v11 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Removed the QDM guidance language related to cumulative medication guidance because it is not necessary for the specification.	Header	Guidance	Standards Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Removed telehealth restrictions in the numerator due to the increase in the use of telehealth services.	Header	Multiple Sections	Measure Lead
Combined the Mental Health Diagnoses and Substance Abuse value sets into one value set labeled Mental Behavioral and Neurodevelopmental Disorders to reduce implementer burden.	Logic	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Numerator	Measure Lead
Revised definition names to improve understandability of measure logic intent for implementers.	Logic	Definitions	Annual Update
Updated the definition name to First ADHD Medication Dispensed during Intake Period to be more specific and improve clarity.	Logic	Definitions	Measure Lead
Updated the logic in the definition First ADHD Medication Dispensed during Intake Period to incorporate the 'EarliestOf' function to simplify the definition. This includes the addition of 'Earliest' and 'HasStart' functions. The functions 'Earliest', 'EarliestOf', and 'HasStart' provide clarity in handling when null values arise in logic that includes an interval with either a closed or open boundary(ies).	Logic	Multiple Sections	Annual Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Removed value set Telephone Management (2.16.840.1.113883.3.464.1003.101.12.1053) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Substance Abuse (2.16.840.1.113883.3.464.1003.106.12.1004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Ambulatory (2.16.840.1.113883.3.464.1003.122.12.1003): Added 1 SNOMED CT code (35971002) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (255327002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS136v11 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set ADHD Medications (2.16.840.1.113883.3.464.1003.196.12.1171): Deleted 2 RxNorm codes (1233709, 892791) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Mental, Behavioral and Neurodevelopmental Disorders (2.16.840.1.113883.3.464.1003.105.12.1203) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS137v10 - Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the denominator exclusions description to align with the measure intent of identifying patients who had a previous and recent history of treatment for substance abuse.	Header	Denominator Exclusions	Measure Lead
Restructured the numerator 2 description to improve its clarity.	Header	Numerator	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Revised the denominator exclusions logic to align with the measure intent of identifying patients who had a previous and recent history of treatment for substance abuse.	Logic	Denominator Exclusions	Measure Lead
Restructured the numerator 2 logic to improve its clarity.	Logic	Numerator	Measure Lead
Revised the numerator timing logic to align with the measure intent.	Logic	Numerator	Measure Lead
Revised the age calculations for stratifications to calculate age based on the beginning of the measurement period to align with the age criterion within the initial population.	Logic	Stratification	Measure Lead
Revised the definition names to clearly indicate the distinct options for treatment initiation to satisfy measure criteria.	Logic	Definitions	Measure Lead
Updated the alias for First Dependence Diagnosis During Measurement Period for clarity and simplification.	Logic	Multiple Sections	Annual Update
Updated the Psychosocial Visit and Qualifying Encounters definitions to add online assessment encounters to account for the increase in telehealth services.	Logic	Multiple Sections	Measure Lead
Updated the timing attribute associated with orders of medications to align with QDM guidance.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Detoxification Visit (2.16.840.1.113883.3.464.1003.101.12.1059): Added 1 SNOMED CT code (827094004) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

CMS137v10 - Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Alcohol and Drug Dependence Treatment (2.16.840.1.113883.3.464.1003.106.12.1005): Added 2 SNOMED CT codes (792901003, 792902005) based on terminology update. Added 16 HCPCS codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Alcohol and Drug Dependence (2.16.840.1.113883.3.464.1003.106.12.1001): Added 77 SNOMED CT codes based on evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology update. Deleted 160 SNOMED CT codes based on evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 16 ICD-10-CM codes based on evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Opiate Antagonists (2.16.840.1.113883.3.464.1003.198.12.1132): Added 4 RxNorm codes (1551468, 197623, 197624, 835726) based on terminology update. Deleted 5 RxNorm codes (2058257, 1483774, 1483780, 246474, 250426) based on terminology update.	Value Set	Terminology	Annual Update
Replaced value set Telehealth Services (2.16.840.1.113883.3.464.1003.101.12.1031) with value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS138v10 - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the Clinical Recommendation Statement language to add USPSTF recommendation on pharmacotherapy interventions for pregnant women.	Header	Clinical Recommendation Statement	Measure Lead
Replaced 'within 12 months' or 'during the 12-month period' with 'during the measurement period' in the header to reduce confusion for implementers.	Header	Multiple Sections	Annual Update
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Revised the definition name Office Based Visit During Measurement Period to Qualified Visit During Measurement Period to reflect the addition of telehealth codes.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Tobacco User (2.16.840.1.113883.3.526.3.1170): Deleted 1 SNOMED CT code (43381005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Tobacco Use Cessation Pharmacotherapy (2.16.840.1.113883.3.526.3.1190): Added 12 RxNorm codes based on review by technical experts, SMEs, and/or public feedback. Deleted 4 RxNorm codes (199283, 993550, 993567, 993681) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Online Assessments (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS139v10 - Falls: Screening for Future Fall Risk

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added value set Online Assessments (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS142v10 - Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Macular Exam (2.16.840.1.113883.3.526.3.1251): Added 2 LOINC codes (71488-1, 71489-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Macular Edema Findings Present (2.16.840.1.113883.3.526.3.1320): Added 10 SNOMED CT codes (399874002, 399875001, 769217008, 769218003, 769219006, 769220000, 770097006, 870529009, 871778008, 871781003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Diabetic Retinopathy (2.16.840.1.113883.3.526.3.327): Added 1 SNOMED CT code (870420005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS143v10 - Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Removed language related to setting.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Primary Open-Angle Glaucoma (2.16.840.1.113883.3.526.3.326): Deleted 1 SNOMED CT code (66990007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001): Added 1 CPT code (99201) based on validity of code during timing of look back period.	Value Set	Terminology	Annual Update

CMS144v10 - Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated references.	Header	Reference	Annual Update
Updated definition pertaining to Moderate to Severe LVSD to better align with logic.	Header	Definition	Annual Update
Updated the Heart Failure Outpatient Encounter with Moderate or Severe LVSD and Heart Failure Inpatient Encounter with Moderate or Severe LVSD denominator definitions' timing from before to starts before to align timing with intent.	Logic	Denominator	Annual Update
Removed Medication, Active from Population 2 numerator definition to align with standard capture of discharge medications.	Logic	Numerator	Annual Update
Updated timing logic so that cardiac pacers in existence before the index encounter are considered for the denominator exception.	Logic	Denominator Exceptions	ONC Project Tracking System (Jira): QRDA-964
Updated Outpatient Encounter definitions to remove FaceToFaceEncounter language to signal broadening of encounter type.	Logic	Definitions	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Removed value set Left Ventricular Systolic Dysfunction (2.16.840.1.113883.3.526.3.1091) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Annual Update
Value set Atrioventricular Block (2.16.840.1.113883.3.526.3.367): Added 4 SNOMED CT codes (102451000119107, 204383001, 284941000119107, 733125004) based on review by technical experts, SMEs, and/or public feedback. Added 3 ICD-10-CM codes (I44.0, I44.30, I44.39) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Cardiac Pacer in Situ (2.16.840.1.113883.3.526.3.368): Added 1 ICD-10-CM code (Z95.810) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Added 1 SNOMED CT code (871617000) based on terminology update.	Value Set	Terminology	Annual Update
Replaced value set Left Ventricular Systolic Dysfunction (2.16.840.1.113883.3.526.2.859) with direct reference code SNOMED CT code (134401001) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Annual Update

CMS145v10 - Coronary Artery Disease (CAD): Beta-Blocker Therapy—Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF <40%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated references.	Header	Reference	Annual Update
Updated definition pertaining to Moderate to Severe LVSD to better align with logic.	Header	Definition	Annual Update
Updated timing logic so that cardiac pacers in existence before the index encounter are considered for the denominator exception.	Logic	Denominator Exceptions	ONC Project Tracking System (Jira): QRDA-964
Updated Outpatient Encounter definitions to remove FaceToFaceEncounter language to signal broadening of encounter type.	Logic	Definitions	Annual Update
Changed the timing of the check for moderate or severe LVSD in the Qualifying CAD Encounter and Moderate or Severe LVSD definition from ends to starts to account for end dates not often being documented.	Logic	Multiple Sections	ONC Project Tracking System (Jira): CQM-3890
Removed timing logic (minus one day) from the Qualifying CAD Encounter and Prior MI definition as it is no longer required due to another logic change.	Logic	Multiple Sections	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Atrioventricular Block (2.16.840.1.113883.3.526.3.367): Added 4 SNOMED CT codes (102451000119107, 204383001, 284941000119107, 733125004) based on review by technical experts, SMEs, and/or public feedback. Added 3 ICD-10-CM codes (I44.0, I44.30, I44.39) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Cardiac Pacer in Situ (2.16.840.1.113883.3.526.3.368): Added 1 ICD-10-CM code (Z95.810) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Cardiac Surgery (2.16.840.1.113883.3.526.3.371): Added 3 SNOMED CT codes (67166004, 871496000, 871497009) based on terminology update.	Value Set	Terminology	Annual Update
Replaced value set Left Ventricular Systolic Dysfunction (2.16.840.1.113883.3.526.3.1091) with direct reference code SNOMED CT code (134401001) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Annual Update
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Deleted 12 RxNorm codes (152916, 199277, 199494, 199495, 199717, 199786, 199787, 856713, 896983, 896987, 998693, 998695) based on terminology update.	Value Set	Terminology	Annual Update

CMS145v10 - Coronary Artery Disease (CAD): Beta-Blocker Therapy—Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF <40%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Coronary Artery Disease No MI (2.16.840.1.113883.3.526.3.369): Deleted 1 ICD-10-CM code (I24.1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS146v10 - Appropriate Testing for Children with Pharyngitis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Revised the guidance language to further clarify the measure intent.	Header	Guidance	Measure Lead
Added clarifying language to the guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Revised language in the initial population to reduce ambiguity and improve clarity.	Header	Initial Population	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the denominator exclusions language to reduce ambiguity in the exclusions.	Header	Denominator Exclusions	Measure Lead
Harmonized the types of encounters considered denominator eligible to align with the measure intent and measures of similar type.	Logic	Initial Population	Measure Lead
Revised the definition name Encounter With Pharyngitis or Tonsillitis to Encounter With Pharyngitis or Tonsillitis With Antibiotic to provide more clarity.	Logic	Definitions	Measure Lead
Revised the definitions to base timing of the measure criteria on the time of the encounter to align with the measure intent to use encounter information to determine valid time intervals for conditions/medications.	Logic	Definitions	Measure Lead
Added online assessments as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Restructured the return clause to return only encounter related information to reduce confusion for implementers.	Logic	Multiple Sections	Measure Lead
Simplified the numerator definition logic to improve clarity.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 2 RxNorm codes (2387078, 2387079) based on terminology update. Deleted 24 RxNorm codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Group A Streptococcus Test (2.16.840.1.113883.3.464.1003.198.12.1012): Added 1 LOINC code (96331-4) based on terminology update.	Value Set	Terminology	Annual Update
Value set Comorbid Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1025): Added 9 SNOMED CT codes (22607003, 266355005, 307202004, 74610006, 76157009, 782761005, 789056000, 789057009, 860803004) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 14 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

CMS146v10 - Appropriate Testing for Children with Pharyngitis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080): Added 5 SNOMED CT codes (185317003, 314849005, 386472008, 386473003, 401267002) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added 1269 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback or based on terminology update. Deleted 1159 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 5 ICD-10-CM codes (B60.00, B60.01, B60.02, B60.03, B60.09) based on review by technical experts, SMEs, and/or public feedback. Deleted 37 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced value set Medical Disability Exam (2.16.840.1.113883.3.464.1003.101.1233) with value set Medical Disability Exam (2.16.840.1.113883.3.464.1003.101.12.1073) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS147v11 - Preventive Care and Screening: Influenza Immunization

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Added the guidance to clarify the method to report immunization status.	Header	Guidance	Measure Lead
Added direct reference code CPT code (99211) as a qualifying encounter based on public feedback and appropriateness to measure.	Logic	Initial Population	Annual Update
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Deleted the Influenza Vaccine Previously Received definition from the Numerator definition to clarify the correct method to determine immunization status.	Logic	Numerator	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Removed value set Previous Receipt of Influenza Vaccine (2.16.840.1.113883.3.526.3.1185) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Influenza Vaccine (2.16.840.1.113883.3.526.3.1254): Added 2 CVX codes (205, 149) based on terminology update and based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code CPT code (99211) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS149v10 - Dementia: Cognitive Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Revised 'Qualifying Encounter' definition construction to reuse existing definition for clarification.	Logic	Definitions	Annual Update
Updated 'Dementia Encounter' definition name to account for timing constraint and align with CQL Style Guide.	Logic	Multiple Sections	Annual Update
Updated 'Face to Face Encounter During Measurement Period' definition name to align with guidance for virtual visits.	Logic	Multiple Sections	Annual Update
Updated 'Qualifying Encounter' definition name to account for timing constraint and align with CQL Style Guide.	Logic	Multiple Sections	Annual Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Dementia & Mental Degenerations (2.16.840.1.113883.3.526.3.1005): Added 1 SNOMED CT code (838276009) based on terminology update. Deleted 1 SNOMED CT code (62239001) based on terminology update.	Value Set	Terminology	Annual Update

CMS153v10 - Chlamydia Screening for Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Revised the denominator exclusions language to reduce ambiguity in the exclusions.	Header	Denominator Exclusions	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Revised the Diagnoses Identifying Sexual Activity definition to improve readability and simplify the logic.	Logic	Definitions	Measure Lead
Revised value set names to eliminate hyphens and align with style guide recommendations.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Lab Tests for Sexually Transmitted Infections (2.16.840.1.113883.3.464.1003.110.12.1051): Added 61 LOINC codes, Deleted 4 LOINC codes (21416-3, 53605-2, 660-1, 73752-8) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Chlamydia Screening (2.16.840.1.113883.3.464.1003.110.12.1052): Added 1 LOINC code (91860-7) based on terminology update.	Value Set	Terminology	Annual Update
Value set Lab Tests During Pregnancy (2.16.840.1.113883.3.464.1003.111.12.1007): Added 6 LOINC codes (41067-0, 41096-9, 48802-3, 83072-9, 83073-7, 83075-2) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 11 LOINC codes (33773-3, 34656-9, 34718-7, 45273-0, 45331-6, 45332-4, 64088-8, 64094-6, 42316-0, 46731-6, 48030-1) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Diagnostic Studies During Pregnancy (2.16.840.1.113883.3.464.1003.111.12.1008): Added 7 LOINC codes (11776-2, 11869-5, 42138-8, 42453-1, 76514-9, 80414-6, 80416-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Procedures During Pregnancy (2.16.840.1.113883.3.464.1003.111.12.1009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS153v10 - Chlamydia Screening for Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Pregnancy Test (2.16.840.1.113883.3.464.1003.111.12.1011): Added 2 LOINC codes (80385-8, 93769-8) based on terminology update.	Value Set	Terminology	Annual Update
Removed value set Delivery Live Births (2.16.840.1.113883.3.464.1003.111.12.1015) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Gonococcal Infections and Venereal Diseases (2.16.840.1.113883.3.464.1003.112.12.1001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Complications of Pregnancy, Childbirth and the Puerperium (2.16.840.1.113883.3.464.1003.111.12.1012): Added 10 ICD-10-CM codes (O30.131, O30.132, O30.133, O30.139, O34.218, O34.22, O86.0, O99.891, O99.892, O99.893) based on review by technical experts, SMEs, and/or public feedback. Deleted 16 ICD-10-CM codes based on terminology update. Added 1627 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 52 SNOMED CT codes based on terminology update.	Value Set	Terminology	Measure Lead
Value set Contraceptive Medications (2.16.840.1.113883.3.464.1003.196.12.1080): Added 2 RxNorm codes (2396242, 2396253). Deleted 3 RxNorm codes (105510, 198043, 749856) based on terminology update.	Value Set	Terminology	Annual Update
Removed value set Genital Herpes (2.16.840.1.113883.3.464.1003.110.12.1049) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Other Female Reproductive Conditions (2.16.840.1.113883.3.464.1003.111.12.1006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Chlamydia (2.16.840.1.113883.3.464.1003.112.12.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Inflammatory Diseases of Female Reproductive Organs (2.16.840.1.113883.3.464.1003.112.12.1004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set X-Ray Study (all inclusive) (2.16.840.1.113883.3.464.1003.198.12.1034): Added 186 LOINC codes based on terminology update. Deleted 2125 LOINC codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 9 SNOMED CT codes (10755671000119100, 15928141000119107, 72631000119101, 771119002, 771126002, 771127006, 838377003, 840442003, 840498003) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Diagnoses used to Indicate Sexual Activity (2.16.840.1.113883.3.464.1003.111.12.1018) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Procedures used to Indicate Sexual Activity (2.16.840.1.113883.3.464.1003.111.12.1017) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Syphilis (2.16.840.1.113883.3.464.1003.112.12.1002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS153v10 - Chlamydia Screening for Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Carrier of Predominantly Sexually Transmitted Infection (2.16.840.1.113883.3.464.1003.112.11.1023) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS154v10 - Appropriate Treatment for Children with Upper Respiratory Infection (URI)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Updated the guidance to clarify the measure intent and support implementation.	Header	Guidance	Measure Lead
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Revised language in the initial population to reduce ambiguity and improve clarity.	Header	Initial Population	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the denominator exclusions language to reduce ambiguity in the exclusions.	Header	Denominator Exclusions	Measure Lead
Harmonized the types of encounters considered denominator eligible to align with the measure intent and measures of similar type.	Logic	Initial Population	Measure Lead
Restructured the return on the Encounter with Competing Diagnosis for Upper Respiratory Infection definition to reduce confusion for implementers.	Logic	Definitions	Measure Lead
Revised the definitions to base timing of measure criteria on the time of the encounter to align with the measure intent to use encounter information to determine valid time intervals for conditions/medications.	Logic	Definitions	Measure Lead
Added online assessments as appropriate encounters based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 2 RxNorm codes (2387078, 2387079) based on terminology update. Deleted 24 RxNorm codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added 1269 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback or based on terminology update. Deleted 1159 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 5 ICD-10-CM codes (B60.00, B60.01, B60.02, B60.03, B60.09) based on review by technical experts, SMEs, and/or public feedback. Deleted 37 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS154v10 - Appropriate Treatment for Children with Upper Respiratory Infection (URI)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080): Added 5 SNOMED CT codes (185317003, 314849005, 386472008, 386473003, 401267002) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Comorbid Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1025): Added 9 SNOMED CT codes (22607003, 266355005, 307202004, 74610006, 76157009, 782761005, 789056000, 789057009, 860803004) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 14 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Medical Disability Exam (2.16.840.1.113883.3.464.1003.101.12.1073) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Home Healthcare Services (2.16.840.1.113883.3.464.1003.101.12.1016) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Preventive Care Services-Individual Counseling (2.16.840.1.113883.3.464.1003.101.12.1026) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Preventive Care Services - Group Counseling (2.16.840.1.113883.3.464.1003.101.12.1027) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Online Assessments (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code CPT code (99217) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Outpatient Consultation (2.16.840.1.113883.3.464.1003.101.12.1008) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030) based on based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS155v10 - Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the measure title to align with the parent HEDIS measure title.	Header	eCQM Title	Measure Lead
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement to improve grammatical notations.	Header	Clinical Recommendation Statement	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Added telephone visits as appropriate encounter based on the increased use of telehealth services.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 77 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 19 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 24 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS156v10 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Standards Update
Revised the description to add a new rate (rate 2).	Header	Description	Measure Lead
Revised the measure description to align with the measure intent and guidance.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Standards Update
Revised the definition to clarify timing related to the Index Prescription Start Date.	Header	Definition	Measure Lead
Updated the guidance to clarify the measure intent and support implementation.	Header	Guidance	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Revised the numerator to add a new rate (rate 2).	Header	Numerator	Measure Lead
Revised the numerator to add a new rate (rate 2).	Header	Numerator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Denominator Exclusions	Measure Lead
Revised the numerator logic to add a new rate (rate 2).	Logic	Numerator	Measure Lead
Added exclusion criteria for numerator 2 to align with the American Geriatric Society Beers Criteria for Potentially Inappropriate Medication Use in Older Adults.	Logic	Numerator Exclusions	Measure Lead
Removed the days supply requirement for nonbenzodiazepine hypnotics by removing the Cumulative Medication Duration requirement for Hypnotics During Measurement Period in the Two High Risk Medications with Prolonged Duration definition and deleting the Hypnotics During Measurement Period definition to align with the American Geriatric Society Beers Criteria for Potentially Inappropriate Medication Use in Older Adults.	Logic	Definitions	Measure Lead
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Removed and added medications to the Same High Risk Medications Ordered on Different Days definition to align with the American Geriatric Society Beers Criteria for Potentially Inappropriate Medication Use in Older Adults.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update

CMS156v10 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead
Added PalliativeCareExclusion CQL library to version 1.0.000.	Logic	Multiple Sections	Measure Lead
Value set Meprobamate (2.16.840.1.113883.3.464.1003.196.12.1284): Deleted 1 RxNorm code (197930) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Trimipramine (2.16.840.1.113883.3.464.1003.196.12.1285): Deleted 6 RxNorm codes (199820, 313497, 245372, 245373, 245374, 250033) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1293): Deleted 37 RxNorm codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Dexchlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1300): Deleted 7 RxNorm codes (2184088, 1305775, 1357940, 1370680, 2168002, 2184127, 2184130) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Orphenadrine (2.16.840.1.113883.3.464.1003.196.12.1302): Deleted 6 RxNorm codes (994824, 994810, 994811, 994837, 994841, 994847) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Carbinoxamine (2.16.840.1.113883.3.464.1003.196.12.1306): Added 1 RxNorm code (359329) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 6 RxNorm codes (1010946, 1010980, 1012681, 1012956, 1012984, 1424307) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Clemastine (2.16.840.1.113883.3.464.1003.196.12.1308): Deleted 3 RxNorm codes (857452, 857454, 857457) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Disopyramide (2.16.840.1.113883.3.464.1003.196.12.1311): Deleted 3 RxNorm codes (104285, 199730, 199824) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Methyl dopa (2.16.840.1.113883.3.464.1003.196.12.1331): Deleted 5 RxNorm codes (104357, 197955, 197959, 197961, 197962) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Trihexyphenidyl (2.16.840.1.113883.3.464.1003.196.12.1334): Deleted 1 RxNorm code (905292) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Clomipramine (2.16.840.1.113883.3.464.1003.196.12.1336): Deleted 5 RxNorm codes (857291, 857296, 857315, 857292, 857326) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Megestrol (2.16.840.1.113883.3.464.1003.196.12.1342): Deleted 1 RxNorm code (860231) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Phenobarbital (2.16.840.1.113883.3.464.1003.196.12.1348): Added 5 RxNorm codes (1046787, 1046815, 1046997, 1048147, 702519) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 14 RxNorm codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Dipyridamole (2.16.840.1.113883.3.464.1003.196.12.1349): Deleted 2 RxNorm codes (199314, 392451) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Nifedipine (2.16.840.1.113883.3.464.1003.196.12.1353): Deleted 5 RxNorm codes (199329, 314132, 199782, 391901, 391980) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Desiccated Thyroid (2.16.840.1.113883.3.464.1003.196.12.1354): Deleted 1 RxNorm code (242927) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Imipramine (2.16.840.1.113883.3.464.1003.196.12.1359): Deleted 1 RxNorm code (835586) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Indomethacin (2.16.840.1.113883.3.464.1003.196.12.1366): Deleted 2 RxNorm codes (251255, 392073) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Promethazine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1367): Deleted 7 RxNorm codes (861578, 992900, 756160, 992471, 992898, 992904, 992908) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Glyburide (2.16.840.1.113883.3.464.1003.196.12.1368): Deleted 1 RxNorm code (252960) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Carisoprodol (2.16.840.1.113883.3.464.1003.196.12.1369): Deleted 1 RxNorm code (105974) based on terminology update.	Value Set	Terminology	Annual Update
Value set Methocarbamol (2.16.840.1.113883.3.464.1003.196.12.1370): Deleted 1 RxNorm code (197945) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Removed value set Diphenhydramine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1371) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Cyclobenzaprine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1372): Deleted 1 RxNorm code (999731) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Dexbrompheniramine (2.16.840.1.113883.3.464.1003.196.12.1375): Added 1 RxNorm code (2391334) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 2 RxNorm codes (1251806, 1305588) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Butabarbital (2.16.840.1.113883.3.464.1003.196.12.1402): Deleted 4 RxNorm codes (1047805, 1251600, 1251610, 1251625) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1408): Deleted 2 RxNorm codes (1099711, 996640) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Esterified Estrogens (2.16.840.1.113883.3.464.1003.196.12.1419): Added 2 RxNorm codes (197670, 238006) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 1 RxNorm code (1000353) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Chlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1352): Added 1 RxNorm code (2383312) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 100 RxNorm codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Conjugated Estrogens (2.16.840.1.113883.3.464.1003.196.12.1357): Added 4 RxNorm codes (1000351, 1000352, 1000355, 1000356) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 4 RxNorm codes (1000353, 1000354, 197663, 432572) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Ketorolac Tromethamine (2.16.840.1.113883.3.464.1003.196.12.1364): Added 8 RxNorm codes (1665459, 1665461, 1665675, 1665679, 1665682, 860113, 860114, 860115) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 1 RxNorm code (861846) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Estradiol (2.16.840.1.113883.3.464.1003.196.12.1365): Added 2 RxNorm codes (2371764, 2371767) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 5 RxNorm codes (249869, 1000161, 250213, 250838, 483169) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Hydroxyzine (2.16.840.1.113883.3.464.1003.196.12.1374): Deleted 2 RxNorm codes (995428, 995274) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Brompheniramine (2.16.840.1.113883.3.464.1003.196.12.1427): Added 11 RxNorm codes (1357013, 1014331, 1053258, 1090463, 1098497, 1098498, 1111065, 1148155, 1192477, 1244523, 1245722) based on review by technical experts, SMEs, and/or public feedback. Deleted 34 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS156v10 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Meperidine (2.16.840.1.113883.3.464.1003.196.12.1351): Added 15 RxNorm codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 1 RxNorm code (861578) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Dicyclomine (2.16.840.1.113883.3.464.1003.196.12.1279): Deleted 4 RxNorm codes (991616, 199725, 755900, 991151) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Dimenhydrinate (2.16.840.1.113883.3.464.1003.196.12.1500): Deleted 5 RxNorm codes (1294446, 245357, 245358, 429720, 755901) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Hyoscyamine (2.16.840.1.113883.3.464.1003.196.12.1501): Deleted 5 RxNorm codes (1044608, 1046820, 1047805, 1048078, 1048411) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Meclizine (2.16.840.1.113883.3.464.1003.196.12.1506): Deleted 1 RxNorm code (995682) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Nortriptyline (2.16.840.1.113883.3.464.1003.196.12.1507): Deleted 4 RxNorm codes (199283, 199406, 865143, 865146) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set List of Single RxNorm Code Concepts for High Risk Drugs for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1272): Added 2 RxNorm codes (308170, 318179) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (860771, 889614, 1363513) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Nonbenzodiazepine hypnotics (2.16.840.1.113883.3.464.1003.196.12.1480): Deleted 2 RxNorm codes (854885, 854886) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Removed value set Amobarbital (2.16.840.1.113883.3.464.1003.196.12.1512) based on terminology update.	Value Set	Terminology	Annual Update
Value set Butalbital (2.16.840.1.113883.3.464.1003.196.12.1514): Deleted 6 RxNorm codes (197425, 197427, 197428, 240093, 308322, 476152) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Doxylamine (2.16.840.1.113883.3.464.1003.196.12.1515): Deleted 29 RxNorm codes based on validity of code during timing of look back period or based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Removed value set Ergoloid Mesylates (2.16.840.1.113883.3.464.1003.196.12.1516) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Propantheline (2.16.840.1.113883.3.464.1003.196.12.1519): Deleted 1 RxNorm code (312673) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Scopolamine (2.16.840.1.113883.3.464.1003.196.12.1520): Deleted 9 RxNorm codes (1048078, 106507, 199442, 200059, 245350, 250536, 250537, 412723, 429720) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Secobarbital (2.16.840.1.113883.3.464.1003.196.12.1521): Deleted 3 RxNorm codes (308167, 308171, 315201) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Alcohol Withdrawal (2.16.840.1.113883.3.464.1003.105.12.1209) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Benzodiazepine (2.16.840.1.113883.3.464.1003.196.12.1522) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Benzodiazepine Withdrawal (2.16.840.1.113883.3.464.1003.105.12.1208) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Bipolar Disorder (2.16.840.1.113883.3.464.1003.105.12.1157) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set General Anxiety Disorder (2.16.840.1.113883.3.464.1003.105.12.1210) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Other Bipolar Disorder (2.16.840.1.113883.3.464.1003.105.12.1204) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set REM Sleep Behavior Disorder (2.16.840.1.113883.3.464.1003.105.12.1207) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Schizophrenia (2.16.840.1.113883.3.464.1003.105.12.1205) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Seizure Disorder (2.16.840.1.113883.3.464.1003.105.12.1206) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Methscopolamine (2.16.840.1.113883.3.464.1003.196.12.1525) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code CPT code (99211) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS157v10 - Oncology: Medical and Radiation – Pain Intensity Quantified

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the rationale to align with current guideline.	Header	Rationale	Measure Lead
Updated clinical recommendation statement to reflect updated guideline.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement for 'patients receiving chemotherapy' to better align with logic and measure intent.	Header	Guidance	Annual Update
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Adding 'or telehealth' to the header guidance for clarification.	Header	Guidance	Measure Lead
Adding 'or telehealth' to CQL definition names and aliases for clarification.	Logic	Multiple Sections	Measure Lead
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Value set Chemotherapy Administration (2.16.840.1.113883.3.526.3.1027): Deleted 1 SNOMED CT code (24977001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Cancer (2.16.840.1.113883.3.526.3.1010): Added 3 ICD-10-CM codes (D47.01, D47.02, D47.09), Deleted 5 ICD-10-CM codes (Q85.00, Q85.01, Q85.02, Q85.03, Q85.09), Added 7 SNOMED CT codes (397012002, 404171008, 414653009, 716655008, 788674000, 827162007, 840573001), Deleted 7 SNOMED CT codes (254854001, 233717003, 237865009, 403815003, 403816002, 403817006, 92824003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS159v10 - Depression Remission at Twelve Months

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated language about timing of PHQ-9 assessment in relation to encounter for clarity and to better align with intent and logic.	Header	Multiple Sections	Measure Lead
Updated Stratification age logic to interval for harmonization with other measures.	Logic	Stratification	Annual Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Updated Denominator Exclusion logic to better align with measure intent and count the Measure Assessment Period appropriately.	Logic	Definition	ONC Project Tracking System (Jira): CQM-3981
Value set Contact or Office Visit (2.16.840.1.113762.1.4.1080.5): Added 8 CPT codes (90833, 90836, 90838, 90839, 90840, 96156, 96158, 96159). Deleted 1 CPT code (99444) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 HCPCS Level II codes (G2061, G2062, G2063) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Added 1 SNOMED CT code (16264621000119109) based on terminology update. Deleted 6 SNOMED CT codes (191601008, 191602001, 231499006, 274948002, 300706003, 321717001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS161v10 - Adult Major Depressive Disorder (MDD): Suicide Risk Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated Rationale section in measure header to include evidence from current literature.	Header	Rationale	Measure Lead
Updated formatting of Clinical Recommendations Statement in measure header for better readability and to clarify the organization of this section.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Updated Guidance section in measure header to standardize language about episode-based reporting.	Header	Guidance	Annual Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Major Depressive Disorder-Active (2.16.840.1.113883.3.526.3.1491): Added 2 SNOMED CT codes (10811121000119102, 191604000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS165v10 - Controlling High Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated the measure description to align with the measure intent and guidance.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Revised the guidance language to further clarify the measure intent.	Header	Guidance	Measure Lead
Updated the Denominator Exclusions to add an exclusion for palliative care.	Header	Denominator Exclusions	Measure Lead
Revised the advanced illness and frailty denominator exclusion to clarify the intent of the exclusion criteria.	Header	Denominator Exclusions	Measure Lead
Replaced 'overlaps' or 'overlapping' in the denominator exclusions with plain language to clarify the measure intent.	Header	Denominator Exclusions	Measure Lead
Revised the timing associated with the essential hypertension diagnosis within the narrative to align with the measure intent.	Header	Multiple Sections	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Removed comments from the 'Qualifying Diastolic Blood Pressure Reading' and 'Qualifying Systolic Blood Pressure Reading' definitions to streamline the logic.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Updated Denominator Exclusions definition and added PalliativeCare.Palliative Care in the Measurement Period definition to add an exclusion for palliative care.	Logic	Multiple Sections	Measure Lead
Revised the advanced illness and frailty denominator exclusion to align with the header and adhere to QDMv5.5 standards.	Logic	Multiple Sections	Measure Lead
Removed the Vascular Access for Dialysis value set from the Renal Procedures definition to streamline existing value sets and reduce redundancies.	Logic	Multiple Sections	Measure Lead
Revised the timing associated with the essential hypertension diagnosis in the Essential Hypertension Diagnosis definition to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Revised the timing of the ESRD encounter in the End Stage Renal Disease Encounter definition to align with the measure intent and to capture encounters on the last day of the measurement period.	Logic	Multiple Sections	Measure Lead
Update Adult Outpatient Encounters CQL library to 2.0.000.	Logic	Multiple Sections	Measure Lead
Updated Advanced Illness and Frailty Exclusions CQL Library to version 6.0.000.	Logic	Multiple Sections	Measure Lead
Updated Hospice CQL Library to version 3.0.000.	Logic	Multiple Sections	Measure Lead

CMS165v10 - Controlling High Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added PalliativeCareExclusion CQL library version 1.0.000.	Logic	Multiple Sections	Measure Lead
Removed value set Vascular Access for Dialysis (2.16.840.1.113883.3.464.1003.109.12.1011) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 77 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 19 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback. Deleted 24 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 3 CPT codes (99512, 90997, 90999) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 5 CPT codes (1019320, 90940, 90957, 90958, 90959) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 1 HCPCS code (S9339) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Essential Hypertension (2.16.840.1.113883.3.464.1003.104.12.1011): Added 2 SNOMED CT codes (1078301000112109, 461301000124109) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 35 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 4 CPT codes (50300, 50320, 50340, 50370) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added 34 ICD-10-CM codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations or terminology updates. Added 179 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations, and based on terminology updates.	Value Set	Terminology	Measure Lead
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added 11 SNOMED CT codes (185463005, 185464004, 185465003, 281036007, 30346009, 37894004, 3391000175108, 439740005, 77406008, 444971000124105, 84251009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added 124 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.	Value Set	Terminology	Measure Lead
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Deleted 1 SNOMED CT code (413467001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 69 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 166 ICD-10-CM codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS165v10 - Controlling High Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added 4 RxNorm codes (1599803, 1599805, 1805420, 1805425) based on change in measure requirements/measure specification. Deleted 3 RxNorm codes (1858970, 996572, 996624) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added 10 SNOMED CT codes (10378005, 18083007, 183452005, 19951005, 2252009, 73607007, 305339001, 50699000, 74857009, 78680009) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Encounter (2.16.840.1.113883.3.464.1003.101.12.1090) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Online Assessment (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced value set ED (2.16.840.1.113883.3.464.1003.101.12.1085) with value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71007-9) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS177v10 - Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Steward.	Header	Measure Steward	Measure Lead
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale section in measure header to include evidence from current literature.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Added clarifying language to guidance section of episode-based measures to define the episode.	Header	Guidance	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Psych Visit - Family Psychotherapy (2.16.840.1.113883.3.526.3.1018): Added 2 SNOMED CT codes (302247005, 361229007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Group Psychotherapy (2.16.840.1.113883.3.526.3.1187): Added 3 SNOMED CT codes (1555005, 27591006, 28868002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Major Depressive Disorder-Active (2.16.840.1.113883.3.526.3.1491): Added 2 SNOMED CT codes (10811121000119102, 191604000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS249v4 - Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement to align with current clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Annual Update
Removed the dosage requirement for glucocorticoids in the denominator exclusions to avoid excluding appropriate patients from the population.	Header	Denominator Exclusions	Measure Lead
Revised the denominator exclusions statement to exclude patients with an osteoporotic fracture at any point in their medical history.	Header	Denominator Exclusions	Measure Lead
Added online assessments and telephone visits as appropriate encounters based on the increased use of telehealth services.	Logic	Initial Population	Measure Lead
Removed the function DosesPerDay as it is no longer needed because of the removal of the dosage requirements for glucocorticoids.	Logic	Denominator Exclusions	Measure Lead
Revised several definitions to remove the dosage requirements for glucocorticoids to avoid excluding appropriate patients from the population.	Logic	Denominator Exclusions	Measure Lead
Revised the Osteoporotic Fracture from Patient History definition to exclude patients with an osteoporotic fracture at any point in their medical history.	Logic	Denominator Exclusions	Measure Lead
Added Count of Distinct Age Dependent Combination Risk Factors and updated several definitions to accurately capture risk factors and reduce implementation burden.	Logic	Definitions	Measure Lead
Revised several definitions to remove the dosage requirements for glucocorticoids to avoid excluding appropriate patients from the population.	Logic	Definitions	Measure Lead
Added the RiskFactorInPatientHistory function to accurately capture risk factors and reduce implementation burden.	Logic	Functions	Measure Lead
Removed the function DosesPerDay as it is no longer needed because of the removal of the dosage requirements for glucocorticoids.	Logic	Functions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Revised the Osteoporotic Fracture from Patient History definition to exclude patients with an osteoporotic fracture at any point in their medical history.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Condensed the measure's CQL library name to improve readability.	Logic	Logic	Measure Lead
Added value set Online Assessments (2.16.840.1.113883.3.464.1003.101.12.1089) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS249v4 - Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Ankylosing Spondylitis (2.16.840.1.113883.3.464.1003.113.12.1045): Added 1 SNOMED CT code (786077003) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set DXA (Dual energy Xray Absorptiometry) Scan (2.16.840.1.113883.3.464.1003.113.12.1051): Deleted 2 LOINC codes (38269-7, 62910-5) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Glucocorticoids (oral only) (2.16.840.1.113883.3.464.1003.196.12.1266): Added 2 RxNorm codes (2121587, 2261802) based on terminology update. Deleted 3 RxNorm codes (199343, 199771, 199967) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set Osteoporotic Fractures (2.16.840.1.113883.3.464.1003.113.12.1050): Added 12 ICD-10-CM codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Rheumatoid Arthritis (2.16.840.1.113883.3.464.1003.113.12.1005): Added 27 SNOMED CT codes based on terminology update. Deleted 6 SNOMED CT codes (201764007, 239941000, 239943002, 287006005, 400054000, 402433007) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Added 4 ICD-10-CM codes (M05.7A, M05.8A, M06.0A, M06.8A) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Type 1 Diabetes (2.16.840.1.113883.3.464.1003.103.12.1020): Added 7 SNOMED CT codes (138901000119108, 421075007, 421365002, 421437000, 421893009, 609566000, 71721000119101) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 5 SNOMED CT codes (421920002, 4783006, 75682002, 76751001, 769219006) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Removed direct reference codes SNOMED CT codes (307469008, 396140003, 396131002, 225756002, 396143001, 307468000, 396139000, 396126004, 225754004, 396127008, 307470009, 396125000, 225752000, 307439001, 229797004, 396109005, 396108002, 396107007, 229798009, 229799001, 396111001) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Chronic Liver Disease (2.16.840.1.113883.3.464.1003.199.12.1035): Added 3 ICD-10-CM codes (K74.00, K74.01, K74.02) based on terminology update.	Value Set	Terminology	Annual Update
Value set Current Tobacco Smoker (2.16.840.1.113883.3.600.2390): Added 2 SNOMED CT codes (450811000124104, 450821000124107) based on terminology updates.	Value Set	Terminology	Annual Update
Value set Malabsorption Syndromes (2.16.840.1.113883.3.464.1003.199.12.1050): Added 2 ICD-10-CM codes (K90.41, K90.49) based on terminology update.	Value Set	Terminology	Annual Update

CMS347v5 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated Measure Developer.	Header	Measure Developer	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated Rationale section of header to reflect most current literature.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Added clinically appropriate brand name statin drugs to the Statin Medication Therapy List in the header Definitions section to complete the list of appropriate statin therapy drugs to meet the measure numerator. Revised category of drugs to reflect that combination drugs must be of a fixed dose.	Header	Definition	Expert Work Group Review
Removed definition for statin intolerance and added a definition for Statin-Associated Muscle Symptoms to align with the updated 2018 ACC/AHA Cholesterol Guidelines.	Header	Definition	Expert Work Group Review
Updated Definitions header section for LDL-C result to allow either fasting or nonfasting and either direct or calculated LDL-C results to calculate the measure.	Header	Definition	Expert Work Group Review
Updated Guidance language to reflect that the denominator equals one of three new Initial Populations. Updated Guidance language to remove the denominator exception for Population 3 for patients who have an LDL-C < 70 to align with the updated 2018 ACC/AHA Cholesterol Guidelines. Added language to clarify that statins may not be appropriate for all patients, as specified in the denominator exceptions.	Header	Guidance	Measure Lead
Updated numerator guidance to provide clarity for implementers about when an exception would be appropriate.	Header	Guidance	Measure Lead
Updated Denominator header statement to set Denominator equal to Initial Population to reduce the number of patients counted in Population 1 due to the removal of the age restriction.	Header	Denominator	Expert Work Group Review
Added language to Denominator Exclusions header section to clarify that exclusions must be active during the measurement period.	Header	Denominator Exclusions	Expert Work Group Review
Revised language in Numerator header statement about timing to align with the rest of the measure.	Header	Numerator	Expert Work Group Review
Removed 'statin intolerance' and replaced with 'statin-associated muscle symptoms' in the first Denominator Exception and removed exception for patients with diabetes who have an LDL-C result < 70 to align with the updated 2018 ACC/AHA Cholesterol Guidelines.	Header	Denominator Exceptions	Expert Work Group Review
Updated measure Description, Rationale, and Clinical Recommendations header statements to align with updated 2018 ACC/AHA Cholesterol Guidelines.	Header	Multiple Sections	Expert Work Group Review
Updated age thresholds in Populations 1 and 2, removed 'pure hypercholesterolemia' from Population 2, and removed LDL-C requirement from Population 3 in Rate Aggregation and Initial Population header sections to align with updated 2018 ACC/AHA Cholesterol Guidelines.	Header	Multiple Sections	Expert Work Group Review
Added the phrase 'including an ASCVD procedure' to Population 1 throughout the measure header to align the header with the existing measure logic that patients who have an ASCVD procedure are included in Population 1.	Header	Multiple Sections	Measure Lead
Removed the phrase 'fasting or direct' throughout the measure to clarify that any LDL-C results can be used to calculate the measure.	Header	Multiple Sections	Expert Work Group Review
Updated Initial Population to revise age thresholds in Populations 1 and 2, removed 'pure hypercholesterolemia' from Initial Population 2 logic, and removed LDL-C requirement from Initial Population 3 Logic to align with updated 2018 ACC/AHA Cholesterol Guidelines.	Logic	Initial Population	Expert Work Group Review

CMS347v5 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated Denominator logic statements to set Denominator equal to Initial Population to reduce the number of patients counted in Population 1 due to the removal of the age restriction.	Logic	Denominator	Expert Work Group Review
Removed exception for allergy or intolerance to statin and added exception for statin-associated muscle symptoms to align with the updated 2018 ACC/AHA Cholesterol Guidelines.	Logic	Denominator Exceptions	Expert Work Group Review
Removed exception for patients with diabetes who have an LDL-C < 70 from Denominator Exceptions logic to align with updated 2018 ACC/AHA Cholesterol Guidelines.	Logic	Denominator Exceptions	Expert Work Group Review
Updated definition for Denominator Exceptions, removed definition for Allergy or Intolerance to Statin, and added definitions for Has Allergy to Statin and Has Statin Associated Muscle Symptoms to align with the updated 2018 ACC/AHA Cholesterol Guidelines.	Logic	Definitions	Expert Work Group Review
Updated definitions for Denominator 1, 2, and 3 to set them equal to Initial Population to reduce the number of patients counted in Population 1 due to the removal of the age restriction. Removed definition for Denominator Exceptions 3 because Denominator Exceptions 3 equals Denominator Exceptions for Populations 1 and 2 when the last exception for LDL-C result is removed. Removed definition for Highest LDL Result because the LDL-C requirement was removed from Population 3. Removed Initial Population definition because the measure was revised to use three Initial Populations. Added definitions for Initial Population 1, 2, and 3 to allow for greater specificity after the age threshold was removed from Population 1. Removed definition for Most Recent LDL Result Within 3 Years because the LDL-C requirement was removed from Population 3. Added definition for Patients Age 20 or Older to align with new age range for Population 2. Added definition for Patients Age 20 Years and Older with LDL Cholesterol Result >= 190 to align with new age range for Population 2 and to clarify that patients can also have hypercholesterolemia and cannot have ASCVD. Added definition for Patients Age 40 50 75 with Diabetes to revise the logic because the LDL-C result requirement was removed from Population 3 and to clarify that patients in this population cannot have hypercholesterolemia or LDL-C > 190 or ASCVD.	Logic	Definitions	Expert Work Group Review
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Liver Disease (2.16.840.1.113762.1.4.1047.42): Added 3 ICD-10-CM codes (K74.00, K74.01, K74.02) based on terminology update. Deleted 1 ICD-10-CM code (K74.0) based on terminology update.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113762.1.4.1047.100): Renamed to Familial Hypercholesterolemia. Deleted 2 SNOMED CT codes (267432004, 414416008) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 1 ICD-10-CM code (E78.00) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	ONC Project Tracking System (Jira): CQM-3483

CMS347v5 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Breastfeeding (2.16.840.1.113762.1.4.1047.73): Added 1 SNOMED CT code (866041003) based on terminology update. Deleted 1 SNOMED CT code (169750002) based on terminology update.	Value Set	Terminology	Annual Update
Value set Pregnancy or Other Related Diagnoses (2.16.840.1.113883.3.600.1.1623): Added 5 ICD-10-CM codes (O99.891, O99.892, O99.893, O34.218, O34.22) based on terminology update. Deleted 2 ICD-10-CM codes (A34, O99.89) based on terminology update. Added 1 SNOMED CT code (169488004) based on terminology update. Deleted 1 SNOMED CT code (102873005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Atherosclerosis and Peripheral Arterial Disease (2.16.840.1.113762.1.4.1047.21): Added 3 SNOMED CT codes (792843009, 792844003, 792845002) based on terminology update. Deleted 4 SNOMED CT codes (145891000119104, 149841000119109, 5111000119102, 5561000119107) based on terminology update.	Value Set	Terminology	Annual Update
Value set Ischemic Heart Disease or Other Related Diagnoses (2.16.840.1.113762.1.4.1047.46): Added 1 SNOMED CT code (413444003) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (210078001, 473393007, 52674009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	ONC Project Tracking System (Jira): CQM-3482
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 37 SNOMED CT codes based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations. Deleted 12 SNOMED CT codes (421920002, 4783006, 75682002, 76751001, 769219006, 190388001, 190390000, 395204000, 421750000, 422014003, 703138006, 781000119106) based on updated evidence in published guidelines, published literature, or from published specialty medical society or group recommendations.	Value Set	Terminology	Measure Lead
Value set High Intensity Statin Therapy (2.16.840.1.113883.3.526.3.1572): Deleted 1 RxNorm code (757705) based on terminology update.	Value Set	Terminology	Annual Update
Value set LDL Cholesterol (2.16.840.1.113883.3.526.3.1573): Added 2 LOINC codes (96259-7, 96597-0) based on terminology update.	Value Set	Terminology	Annual Update
Value set Low Intensity Statin Therapy (2.16.840.1.113883.3.526.3.1574): Deleted 1 RxNorm code (757702) based on terminology update.	Value Set	Terminology	Annual Update
Value set Moderate Intensity Statin Therapy (2.16.840.1.113883.3.526.3.1575): Deleted 2 RxNorm codes (757703, 757704) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Statin Associated Muscle Symptoms (2.16.840.1.113762.1.4.1108.85) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS349v4 - HIV Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale for consistency with updated evidence about use of antiretroviral agents.	Header	Rationale	Annual Update
Updated references.	Header	Reference	Annual Update
Updated Initial Population age logic to a closed interval for harmonization with other measures.	Logic	Initial Population	Annual Update
Updated numerator logic using 'has' instead of 'exists' for harmonization with other measures.	Logic	Numerator	Annual Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Indicators of Human Immunodeficiency Virus (HIV) (2.16.840.1.113762.1.4.1056.54): Deleted 1 ICD-9-CM code (176.9) based on review by technical experts, SMEs, and/or public feedback. Added 11 SNOMED CT codes (838338001, 838377003, 840442003, 840498003, 860871003, 860872005, 860874006, 866044006, 870271009, 870328002, 870344006) based on terminology update. Renamed extensional value sets to match the grouping name, Indicators of Human Immunodeficiency Virus (HIV), based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS645v5 - Bone Density Evaluation for Patients with Prostate Cancer and Receiving Androgen Deprivation Therapy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards Update
Added Androgen Deprivation Therapy for Urology Care Medication Order Start Dates definition, revised Androgen Deprivation Therapy for Urology Care Medication Active Start Dates definition and revised Androgen Deprivation Therapy Start Date definition, all referenced in the initial population and numerator, to account for addition of ordered medications to align with measure intent.	Logic	Initial Population	Measure Lead
Changed timing in the Androgen Deprivation Therapy Start Date definition from 'overlaps' the measurement period to 'before end of' the measurement period to meet measure intent.	Logic	Initial Population	Expert Work Group Review
Updated logic from 'on or before end of' prostate cancer prevalence period to 'during' prostate cancer prevalence period in the Androgen Deprivation Therapy Start Date definition as ADT must occur during the prostate cancer prevalence period, not before.	Logic	Initial Population	Measure Lead
Added Androgen Deprivation Therapy for Urology Care Medication Order Start Dates definition and revised Androgen Deprivation Therapy Start Date definition, referenced in the initial population and numerator, to account for ordered medications to align with measure intent.	Logic	Numerator	Measure Lead
Added Androgen Deprivation Therapy for Urology Care Medication Order Start Dates definition and revised Androgen Deprivation Therapy Start Date definition, referenced in the initial population and numerator, to account for ordered medications to align with measure intent.	Logic	Definitions	Measure Lead
Added Androgen Deprivation Therapy for Urology Care Medication Order Start Dates definition and revised the Androgen Deprivation Therapy Start Date definition to include orders for medication.	Logic	Definitions	Logic Review
Updated logic from 'starts on or before end' of prostate cancer prevalence period to 'during' prostate cancer prevalence period in the Androgen Deprivation Therapy Start Date definition as ADT must occur during the prostate cancer prevalence period, not before.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Value set Androgen deprivation therapy for Urology Care (2.16.840.1.113762.1.4.1151.48): Added 1 RxNorm code (314008) based on terminology update. Deleted 1 RxNorm code (571914) based on terminology update.	Value Set	Terminology	Annual Update

CMS646v2 - Intravesical Bacillus-Calmette-Guerin for nonmuscle invasive bladder cancer

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated the Rationale to reflect current citations and statistics.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Annual Update
Corrected spelling of 'immunosupppressed' to 'immunosuppressed' for accuracy.	Header	Denominator Exclusions	Measure Lead
Replaced 'overlaps' with 'during' the measurement period for clarity.	Header	Numerator	Annual Update
Replaced 'None' with 'Not Applicable' to conform with Blueprint recommended language.	Header	Numerator Exclusions	Annual Update
Updated punctuation for 'nonmuscle' to 'non-muscle' for consistency.	Header	Multiple Sections	Measure Lead
Changed timing in the Bladder Cancer Diagnosis definition from 'starts same day or before' to 'starts before' end of measurement period to reflect measure intent.	Logic	Initial Population	Measure Lead
Changed timing in the Most Recent Bladder Cancer Staging Procedure definition to 'overlaps day of' bladder cancer prevalence period to correctly meet measure intent.	Logic	Initial Population	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Changed timing in the Acute Tuberculosis Diagnosis definition to allow for a resolved diagnosis to no longer be excluded from the measure.	Logic	Multiple Sections	Expert Work Group Review
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Changed spelling in 'Has Most Recent Bladder Cancer Tumor Staging isTa HG, Tis, T1' to 'Has Most Recent Bladder Cancer Tumor Staging is Ta HG, Tis, T1' for accuracy.	Logic	Definition	Measure Lead
Changed 'BCG Not Available' definition to 'BCG Not Available Within 6 Months After Bladder Cancer Staging' for clarity.	Logic	Definition	Measure Lead
Value set Immunosuppressive Drugs for Urology Care (2.16.840.1.113762.1.4.1151.32): Deleted 3 RxNorm codes (1654082, 199343, 199967) based on terminology update.	Value Set	Terminology	Annual Update
Renamed value set Immunocompromised Conditions (2.16.840.1.113883.3.666.5.1940) based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Immunocompromised Conditions (2.16.840.1.113883.3.666.5.1940): Deleted 1 SNOMED CT code (404132005) based on terminology update. Added 3 ICD-10-CM codes (D84.81, D84.821, D84.822) based on new or changed coding guidelines.	Value Set	Terminology	Annual Update
Value set Chemotherapy for Advanced Cancer (2.16.840.1.113883.3.7643.3.1048): Deleted 15 RxNorm codes based on terminology update.	Value Set	Terminology	Annual Update
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 10 SNOMED codes (838377003, 840498003, 10755671000119100, 15928141000119107, 771119002, 771126002, 771127006, 72631000119101, 79019005, 840442003) based on terminology update.	Value Set	Terminology	Annual Update

CMS771v3 - Urinary Symptom Score Change 6-12 Months After Diagnosis of Benign Prostatic Hyperplasia

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Added clarifying language to guidance section indicating that the measure is not eligible for telehealth visits.	Header	Guidance	Measure Lead
Added new functions: Earliest, EarliestOf, and Global HasStart, to provide clarity in handling when null values arise in logic that includes an interval with either a closed or open boundary(ies).	Logic	Functions	Annual Update
Added 'sort by start of prevalence period' to the Initial BPH Diagnosis Starts Within 6 Months Before or After Start of Measurement Period definition to return the first instance of the BPH diagnosis.	Logic	Multiple Sections	ONC Project Tracking System (Jira): CQM-4063
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-6.2.000). Updated the 'Inpatient Encounter' definition to include a 'day of' timing clarification. Added the following timing functions: Normalize Interval, Has Start, Has End, Latest, Latest Of, Earliest, and Earliest Of. Please see individual measure details for application of specific timing functions.	Logic	Multiple Sections	Standards Update
Added new NormalizeInterval function to timing attributes to decrease implementation burden due to variable use of timing attributes for select QDM data types. The NormalizeInterval function was applied, where applicable, for the following data elements: Assessment, Performed; Device, Applied; Diagnostic Study, Performed; Intervention, Performed; Laboratory Test, Performed; Medication, Administered; Medication, Dispensed; Physical Exam, Performed; Procedure, Performed; Substance, Administered.	Logic	Multiple Sections	Standards Update
Replaced direct reference code LOINC code (88087-2) with direct reference code LOINC code (39156-5) based on review by technical experts, SMEs, and/or public feedback and to harmonize with other measures.	Value Set	Terminology	Measure Lead