Technical Release Notes:

2023 Performance Period Electronic Clinical Quality Measures (eCQMs)

for Eligible Clinicians

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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
Added the 2018 American College of Obstetricians and Gynecologists recommendation statement about perinatal depression to ensure the measure includes updated evidence and clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Added 'Psychiatric Nurse Practitioners' and replaced 'social worker' with 'clinical social worker' to improve alignment with measure intent and clarify appropriate follow-up providers after a positive depression screen.	Header	Guidance	Expert Work Group Review
Revised existing guidance to clarify that the depression screening can take place up to 14 CALENDAR days prior to the date of the qualifying encounter in order to maintain consistency with the level of specificity included in the guidance.	Header	Guidance	Measure Lead
Revised existing language to improve alignment with measure intent and clarify that patients who have ever been diagnosed with depression or bipolar disorder should be excluded from the measure.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-4608
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised existing language to improve alignment with measure intent and clarify that patients who have ever been diagnosed with depression or bipolar disorder should be excluded from the measure.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4608
Made minor updates to grammar, wording, and formatting to improve readability and consistency.	Header	Multiple Sections	Measure Lead
Added new and revised existing language to allow a grace period of up to two calendar days after the qualifying encounter for provider documentation of a follow-up plan in order to allow flexibility based on feedback from implementers about clinical workflows.	Header	Multiple Sections	Measure Lead
Added the Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080) value set to the 'Qualifying Encounter During Measurement Period' definition to improve alignment with measure intent and expand eligible telehealth encounters to meet denominator criteria.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-5039
Added logic to mulitple definitions to allow providers to document a follow-up plan on the day of or up to two calendar days after the qualifying encounter in order to allow flexibility based on feedback from implementers about clinical workflows.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	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

CMS2v12 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Physical Therapy Evaluation (2.16.840.1.113883.3.526.3.1022): Added 6 SNOMED CT codes (410158009, 410160006, 183326003, 410159001, 424203006, 424291000) based on review by technical experts, SMEs, and/or public feedback. Added 1 CPT code (97164) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Adolescent Depression Medications (2.16.840.1.113883.3.526.3.1567): Added 7 RxNorm codes (403969, 403970, 403971, 403972, 721787, 251201, 410584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Adult Depression Medications (2.16.840.1.113883.3.526.3.1566): Added 21 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Bipolar Diagnosis (2.16.840.1.113883.3.600.450): Added 9 ICD-10-CM codes (F30.10, F30.11, F30.12, F30.13, F30.2, F30.3, F30.4, F30.8, F30.9) based on review by technical experts, SMEs, and/or public feedback. Added 2 ICD-9-CM codes (296.81, 296.82) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Depression Diagnosis (2.16.840.1.113883.3.600.145): Added 1 ICD-10-CM code (F32.A) based on terminology update.	Value Set	Terminology	Annual Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Referral for Adolescent Depression (2.16.840.1.113883.3.526.3.1570): Deleted 1 SNOMED CT code (183851006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Referral for Adult Depression (2.16.840.1.113883.3.526.3.1571): Deleted 1 SNOMED CT code (305922005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS22v11 - 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 copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated references.	Header	Reference	Measure Lead
Clarified definition for second hypertensive blood pressure reading (Systolic Blood Pressure [SBP] 130-139 or Diastolic Blood Pressure [DBP] 80-89) to align with intent of measure.	Header	Definition	ONC Project Tracking System (JIRA): CQM-5102
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated grammar, wording, and formatting to improve readability and consistency.	Header	Multiple Sections	Measure Lead
Updated logic for second hypertensive blood pressure reading (SBP 130-139 or DBP 80-89) to align with intent of measure.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-5102
Revised logic of First Hypertensive (SBP >=130 OR DBP >= 80); Second Hypertensive (SBP >= 140 OR DBP >= 90); and Encounter with Elevated Blood Pressure Reading (SBP 120 to 129) and (DBP less than 80) to ensure values are captured for both diastolic and systolic blood pressure when evaluating criteria.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated logic using the new QDM 5.6 'Encounter, Performed' class attribute to exclude telehealth (or virtual) encounters using the logical representation (class !~ virtual), for measures containing telehealth-eligible codes, where telehealth is not appropriate. For more information, please refer to the 2023 Telehealth Guidance document.	Logic	Multiple Sections	Standards/Technical Update
Value set Dietary Recommendations (2.16.840.1.113883.3.600.1515): Added 2 SNOMED CT codes (436691000124108, 436951000124105) based on terminology update. Deleted 5 SNOMED CT codes (182954008, 182955009, 182956005, 182960008, 361231003) based on terminology update.	Value Set	Terminology	Annual Update
Value set Encounter to Screen for Blood Pressure (2.16.840.1.113883.3.600.1920): Added 1 CDT code (D3921) based on terminology update.	Value Set	Terminology	Annual Update
Value set Pharmacologic Therapy for Hypertension (2.16.840.1.113883.3.526.1577): Added 4 RxNorm codes (2477889, 2047715, 2047716, 2047717) based on terminology update. Deleted 1 RxNorm code (1191185) based on terminology update.	Value Set	Terminology	Annual Update
Value set Referral or Counseling for Alcohol Consumption (2.16.840.1.113883.3.526.3.1583): Added 16 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS22v11 - Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Weight Reduction Recommended (2.16.840.1.113883.3.600.1510): Added 8 SNOMED CT codes (307818003, 248114003, 289169006, 388962008, 388970003, 388976009, 410199003, 718361005) based on review by technical experts, SMEs, and/or public feedback. Added 7 HCPCS codes (S9452, S9470, S9451, G0270, G0271, G0447, G0473) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ActCode code (VR) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS50v11 - 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 copyright.	Header	Copyright	Annual Update
Made minor updates to grammar, wording, and formatting to improve readability and consistency.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Standardized language to reference 'clinicians' throughout the specification rather than 'provider' or 'practitioner'.	Header	Multiple Sections	Measure Lead
Shortened the measurement period to 10 months to allow for a 2-month period to close the referral loop.	Header	Multiple Sections	Expert Work Group Review
Shortened the measurement period to 10 months to allow for a 2-month period to close the referral loop.	Logic	Multiple Sections	Expert Work Group Review
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Removed references to 'face to face' in logic definition titles and aliases to signal certain virtual visits may be considered as eligible encounters.	Logic	Multiple Sections	Measure Lead
Value set Consultant Report (2.16.840.1.113883.3.464.1003.121.12.1006): Added 2 SNOMED CT codes (721916007, 721927009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS56v11 - 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
Revised the description to better capture the measure intent and logic surrounding the age requirement and to provide clarity and alignment across the header and logic.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the narrative to exclude patients who have 2 lower body fractures within exactly 24 hours of the total hip arthroplasty (THA) to better meet the measure intent.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4858
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the measure logic to exclude patients who have 2 lower body fractures within exactly 24 hours of the THA to better meet the measure intent.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4858
Updated the logic to add the 'NormalizeInterval' function to additional QDM datatypes to decrease implementation burden due to variable use of timing attributes.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the 'HOOSJr Total Assessment Completed' definition name to align with the modeling across similar measures.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Lower Body Fracture (2.16.840.1.113883.3.464.1003.113.12.1037): Deleted 1 SNOMED CT code (764932008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS56v11 - Functional Status Assessment for Total Hip Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS66v11 - 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
Revised the description to capture the measure intent and logic surrounding the age requirement to provide clarity and alignment across the header and logic.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated grammar and punctuation to improve readability.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the narrative to exclude patients who have 2 lower body fractures within exactly 24 hours of the total knee arthroplasty (TKA) to better meet the measure intent.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4858
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the measure logic to exclude patients who have 2 lower body fractures within exactly 24 hours of the TKA to better meet the measure intent.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4858
Updated the logic to add the 'NormalizeInterval' function to additional QDM datatypes to decrease implementation burden due to variable use of timing attributes.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the 'KOOSJr Total Assessment Completed' definition name to align with the modeling across similar measures.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Lower Body Fracture (2.16.840.1.113883.3.464.1003.113.12.1037): Deleted 1 SNOMED CT code (764932008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS66v11 - Functional Status Assessment for Total Knee Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS68v12 - 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
Updated copyright.	Header	Copyright	Annual Update
Updated to use '%' instead of 'percent' for consistency.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated guidance and definition to add cannabis and cannabidiol products as current medications to be documented.	Header	Multiple Sections	Expert Work Group Review
Removed references to 'eligible professional' throughout the measure.	Header	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS69v11 - Preventive Care and Screening: Body Mass Index (BMI) Screening 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
Updated copyright.	Header	Copyright	Annual Update
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised language by adding timing elements for denominator exclusions for clarification and to better align with measure intent and logic.	Header	Denominator Exclusions	Measure Lead
Revised wording related to the timing of documentation for BMI and low or high BMI interventions to align with revised logic and to reduce burden on clinicians and implementers.	Header	Multiple Sections	Measure Lead
Updated grammar, wording, and formatting to improve readability and consistency.	Header	Multiple Sections	Measure Lead
Added 'ascending' to sort expression in the 'BMI during Measurement Period' definition to indicate the sort order and improve clarity.	Logic	Definitions	Measure Lead
Added the QDM datatype 'Diagnosis' to the logic to allow abnormal BMIs to be captured as diagnoses, providing an alternate way to capture the intent and applicability of the intervention.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4602
Revised numerator definition to remove unnecessary parentheses to improve readability.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added Palliative Care Exclusion Library v2.0.000.	Logic	Multiple Sections	Measure Lead
Added Hospice Library v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated logic using the new QDM 5.6 'Encounter, Performed' class attribute to exclude telehealth (or virtual) encounters using the logical representation (class !~ virtual) for measures containing telehealth-eligible codes, where telehealth is not appropriate. For more information, please refer to the 2023 Telehealth Guidance document.	Logic	Multiple Sections	Standards/Technical Update
Revised timing for documentation of interventions in 'High BMI and Follow up Provided' and 'Low BMI and Follow up Provided' logic to reduce clinician and implementer burden.	Logic	Multiple Sections	Measure Lead
Replaced the 'Patient Has Order for or Receiving Hospice Care or Palliative Care' definition with Hospice and Palliative Care libraries and QDM datatypes to harmonize across measures and reduce clinician and implementer burden.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Removed direct reference code LOINC code (21112-8) based on 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): Added 17 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS69v11 - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584): Added 3 SNOMED CT codes (170935008, 170936009, 305911006) based on review by technical experts, SMEs, and/or public feedback. Added 2 CPT codes (99377, 99378) based on review by technical experts, SMEs, and/or public feedback. Added 1 HCPCS code (G0182) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Follow Up for Below Normal BMI (2.16.840.1.113883.3.600.1.1528): Added 1 SNOMED CT code (182922004) based on terminology update.	Value Set	Terminology	Annual Update
Value set Follow Up for Above Normal BMI (2.16.840.1.113883.3.600.1.1525): Added 1 SNOMED CT code (182922004) based on terminology update. Deleted 1 SNOMED CT code (361231003) based on terminology update.	Value Set	Terminology	Annual Update
Value set Encounter to Evaluate BMI (2.16.840.1.113883.3.600.1.1751): Added 1 CDT code (D3921) based on terminology update.	Value Set	Terminology	Annual Update
Removed value set Palliative or Hospice Care (2.16.840.1.113883.3.600.1.1579) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced direct reference code SNOMED CT code (248342006) with value set Underweight (2.16.840.1.113883.3.526.3.1563) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code ActCode code (VR) 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 Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428371000124100) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428361000124107) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) 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
Added direct reference code LOINC code (45755-6) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Medications for Below Normal BMI (2.16.840.1.113883.3.526.3.1562): Added 1 RxNorm code (1928948) based on review by technical experts, SMEs, and/or public feedback.	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

CMS69v11 - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Pregnancy or Other Related Diagnoses (2.16.840.1.113883.3.600.1.1623): Added 1 SNOMED CT code (417044008) based on terminology update. Deleted 2 SNOMED CT codes (127363001, 44782008) based on terminology update.	Value Set	Terminology	Annual Update

CMS74v12 - Primary Caries Prevention Intervention as Offered by 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
Revised the stratification language in the header to better align with the logic and measure intent.	Header	Stratification	Measure Lead
Updated the clinical recommendation statement based on the most recent findings from published literature and guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the header to explicitly state that the age criteria should be at the start of the measurement period to provide additional clarity.	Header	Initial Population	Measure Lead
Revised the description and initial population statements to align with revisions to limit the measure reporting to dentists only.	Header	Multiple Sections	Measure Lead
Removed references to 'Primary Care Providers' in the measure title and header to clarify that this measure is to be reported by dentists.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the logic to limit the eligible encounter for the denominator to the clinical oral evaluation value set, applicable to dentists only.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the stratification logic, to use closed brackets to capture the age intervals, and to better align with the measure header.	Logic	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Refined the logic to update use of parentheses for added clarity.	Logic	Multiple Sections	Measure Lead
Updated the age criteria in the logic to include patients who are 20 years of age at the start of the measurement period to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS74v12 - Primary Caries Prevention Intervention as Offered by Dentists

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Fluoride Varnish Application for Children (2.16.840.1.113883.3.464.1003.125.12.1002): Deleted 1 CPT code (99188) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Preventive Care Services-Initial Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1023) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Preventive Care Services - Established Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1025) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed 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
Removed value set Online Assessments (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
Removed value set Preventive Care Services, Initial Office Visit, 0 to 17 (2.16.840.1.113883.3.464.1003.101.12.1022) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Preventive Care, Established Office Visit, 0 to 17 (2.16.840.1.113883.3.464.1003.101.12.1024) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS75v11 - 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
Updated copyright.	Header	Copyright	Annual Update
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised the description and initial population narrative to clarify the measure intent and align with the logic.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the initial population logic to accurately capture patients based on age requirements.	Logic	Multiple Sections	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS90v12 - Functional Status Assessments for Heart Failure

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 grammar and punctuation to improve readability.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised the Initial Population header language regarding the timing of the encounters and diagnosis to align with the current logic and to provide clarity.	Header	Initial Population	Measure Lead
Revised the numerator language and guidance related to the timing of the initial functional status assessment to align with the current logic and to provide clarity.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS117v11 - 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 references.	Header	Reference	Measure Lead
Removed language related to adverse reactions from the guidance to align with the measure intent.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Removed seropositive test results from the narrative because conducting antibody testing to determine immunity from a disease in lieu of vaccination is not specifically recommended by the CDC.	Header	Numerator	Measure Lead
Relocated information regarding vaccination guidelines from the clinical recommendation statement to the numerator to improve clarity.	Header	Multiple Sections	Measure Lead
Relocated the numerator inclusion criteria from the guidance field to the denominator exclusions for children with severe combined immunodeficiency, immunodeficiency, HIV, lymphoreticular cancer, multiple myeloma or leukemia, and intussusception before their second birthday.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the logic to replace the value set, 'Encephalopathy due to Childhood Vaccination' with 'Encephalitis Due to Diphtheria, Tetanus or Pertussis Vaccine' to align with the measure intent.	Logic	Definitions	Measure Lead
Revised the logic timing requirement for the Hepatitis A, MMR, and VZV vaccination to align with the intent of the measure and CDC recommendations.	Logic	Definitions	Measure Lead
Removed the Anaphylactic Reaction to Common Baker's Yeast value set from the logic to align with the measure intent.	Logic	Definitions	Measure Lead
Removed seropositive test results from the numerator logic because conducting antibody testing to determine immunity from a disease in lieu of vaccination is not specifically recommended by the CDC.	Logic	Definitions	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the logic to add the 'NormalizeInterval' function to additional QDM datatypes to decrease implementation burden due to variable use of timing attributes.	Logic	Definitions	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Relocated the numerator inclusion criteria logic to the denominator exclusions logic for children with severe combined immunodeficiency, immunodeficiency, HIV, lymphoreticular cancer, multiple myeloma or leukemia, and intussusception before their second birthday.	Logic	Multiple Sections	Measure Lead
Updated the logic to align with the numerator requirement for the Hepatitis B vaccine criteria.	Logic	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead

CMS117v11 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the logic to remove adverse reaction criteria related to vaccines to align with the intent of the measure.	Logic	Multiple Sections	Measure Lead
Value set Inactivated Polio Vaccine (IPV) (2.16.840.1.113883.3.464.1003.196.12.1219): Added 1 CVX code (146) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Severe Combined Immunodeficiency (2.16.840.1.113883.3.464.1003.120.12.1007): Added 8 SNOMED CT codes (763623001, 765188009, 783617001, 789777007, 765145001, 771517009, 782751003, 987840791000119102) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Inactivated Polio Vaccine (IPV) Administered (2.16.840.1.113883.3.464.1003.110.12.1045): Added 1 SNOMED CT code (16290681000119103) based on review by technical experts, SMEs, and/or public feedback. Added 1 CPT code (90697) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Influenza Vaccine (2.16.840.1.113883.3.464.1003.196.12.1218): Added 2 CVX codes (171, 186) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 CVX code (135) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Influenza Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1044): Added 2 CPT codes (90674, 90756) based on review by technical experts, SMEs, and/or public feedback. Added 1 SNOMED CT code (786847005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Malignant Neoplasm of Lymphatic and Hematopoietic Tissue (2.16.840.1.113883.3.464.1003.108.12.1009): Added 28 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 16 SNOMED CT codes based on validity of code during timing of look back period. Added 1 ICD-10-CM code (C84.7A) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 ICD-10-CM code (C96.2) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 2 SNOMED CT codes (417145006, 424306000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Pneumococcal Conjugate Vaccine (2.16.840.1.113883.3.464.1003.196.12.1221): Added 1 CVX code (109) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Varicella Zoster (2.16.840.1.113883.3.464.1003.110.12.1039): Added 8 SNOMED CT codes (1087131000119102, 15678841000119100, 15680281000119103, 15991751000119109, 15992351000119104, 16000751000119105, 16000791000119100, 16000831000119106) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (292927007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Hib Vaccine (4 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1086): Deleted 6 SNOMED CT codes (127787002, 170343007, 170344001, 170345000, 170346004, 312869001) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 CPT code (90748) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (292925004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (292992006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (293116002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (293117006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (293126009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code SNOMED CT code (420113004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hib Vaccine (4 dose schedule) (2.16.840.1.113883.3.464.1003.110.12.1085): Added 1 CVX code (146) based on review by technical experts, SMEs, and/or public feedback. Deleted 2 CVX codes (50, 51) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Anaphylactic Reaction to DTaP Vaccine (2.16.840.1.113883.3.464.1003.199.12.1031): Deleted 2 SNOMED CT codes (219084006, 293108006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hib Vaccine (3 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1084): Added 2 CPT codes (90697, 90748) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Mumps Antibody Test (IgG Antibody presence) (2.16.840.1.113883.3.464.1003.198.12.1062) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Hepatitis B Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1042): Added 1 CPT code (90697) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Encephalopathy due to Childhood Vaccination (2.16.840.1.113883.3.464.1003.114.12.1007) with value set Encephalitis Due to Diphtheria, Tetanus or Pertussis Vaccine (2.16.840.1.113883.3.464.1003.1164) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) 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
Removed value set Anaphylactic Reaction to Common Baker's Yeast (2.16.840.1.113883.3.464.1003.199.12.1032) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Anti Hepatitis A IgG Antigen Test (2.16.840.1.113883.3.464.1003.198.12.1033) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Anti Hepatitis B Virus Surface Ab (2.16.840.1.113883.3.464.1003.198.12.1073) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Measles Antibody Test (IgG Antibody Titer) (2.16.840.1.113883.3.464.1003.198.12.1059) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Measles Antibody Test (IgG Antibody presence) (2.16.840.1.113883.3.464.1003.198.12.1060) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Mumps Antibody Test (IgG Antibody Titer) (2.16.840.1.113883.3.464.1003.198.12.1061) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Hib Vaccine (3 dose schedule) (2.16.840.1.113883.3.464.1003.110.12.1083): Added 2 CVX codes (17, 51) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Rubella Antibody Test (IgG Antibody Titer) (2.16.840.1.113883.3.464.1003.198.12.1063) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Rubella Antibody Test (IgG Antibody presence) (2.16.840.1.113883.3.464.1003.198.12.1064) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Varicella Zoster Antibody Test (IgG Antibody Presence) (2.16.840.1.113883.3.464.1003.198.12.1067) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Varicella Zoster Antibody Test (IgG Antibody Titer) (2.16.840.1.113883.3.464.1003.198.12.1066) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set DTaP Vaccine (2.16.840.1.113883.3.464.1003.196.12.1214): Added 1 CVX code (146) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set DTaP Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1022): Added 1 CPT code (90697) 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 4 SNOMED CT codes (724361001, 1144907001, 1144908006, 1144963000) 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 HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 6 ICD-10-CM codes (O98.711, O98.712, O98.713, O98.719, O98.72, O98.73) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hepatitis B Vaccine (2.16.840.1.113883.3.464.1003.196.12.1216): Added 1 CVX code (146) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Positive Finding (2.16.840.1.113883.3.464.1003.121.12.1016) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS122v11 - 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 section based on current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement based on the most recent clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Standards/Technical Update
Added clarity by removing references limiting the measure to primary diagnoses of Type 1 or Type 2 diabetes, because the text does not adequately capture the measure intent.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-4497
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Added detail to the frailty and advanced illness exclusion language to clarify the measure requirements.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4971
Revised denominator exclusion narrative from living long term in an institution for more than 90 consecutive days language to living long term in a nursing home to reflect revised logic.	Header	Denominator Exclusions	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added age anchor specification to the initial population and denominator exclusion descriptions to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the timing precision of advanced illness encounter definitions by replacing the syntax '2 years or less on or before' with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the logic in the Qualifying Encounters definition to add eligible encounter codes for dieticians and nutritionists.	Logic	Definitions	Measure Lead
Replaced the retired QDM datatype Device, Applied with Assessment, Performed for identifying frailty device usage.	Logic	Definitions	Measure Lead
Refined the logic to update use of parentheses for added clarity.	Logic	Definitions	Measure Lead
Added QDM datatype Diagnosis to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Replaced QDM datatype Encounter, Performed with Assessment, Performed and new modeling to improve data capturing of patients receiving long-term care.	Logic	Multiple Sections	Measure Lead
Replaced AdultOutpatientEncounters.'Qualifying Encounters' and 'Telehealth Services' with a single definition 'Qualifying Encounters' to simplify the logic.	Logic	Multiple Sections	Measure Lead
Revised the long-term care denominator exclusion logic to improve readability and clarity.	Logic	Multiple Sections	Measure Lead
Removed the Adult Outpatient Encounters Library.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead

CMS122v11 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v7.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the initial population and denominator exclusions age anchor from the start of the measurement period to the end of the measurement period to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71802-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (160734000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code CPT code (97802) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code HCPCS code (G0271) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code CPT code (97804) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code CPT code (97803) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (98181-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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 3 RxNorm codes (1858970, 996572, 996624) 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): Deleted 1 SNOMED CT code (459821000124104) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS122v11 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 24 ICD-10-CM codes based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) 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 108 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 122 SNOMED CT codes based on terminology update. Added 2 ICD-10-CM codes (C79.63, G35) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Nutrition Services (2.16.840.1.113883.3.464.1003.1006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code HCPCS code (G0270) 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): Deleted 2 SNOMED CT codes (30346009, 37894004) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS124v11 - 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 references.	Header	Reference	Measure Lead
Removed references to QRDA I guidance to avoid duplicating information provided in the CMS QRDA I Implementation Guide.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population description to clarify measure requirements.	Header	Initial Population	Measure Lead
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Updated the timing precision in the definitions to align with the measure intent by replacing the syntax, such as '3 years or less on or before', with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Expanded options for evaluating age at the time of the HPV test to improve flexibility for capturing data.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Added QDM datatype Diagnosis to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the initial population age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Replaced value set Female (2.16.840.1.113883.3.560.100.2) with direct reference code AdministrativeGender code (F) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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 1 SNOMED CT code (473171009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS124v11 - Cervical Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Congenital or Acquired Absence of Cervix (2.16.840.1.113883.3.464.1003.111.12.1016): Added 1 SNOMED CT code (473171009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set HPV Test (2.16.840.1.113883.3.464.1003.110.12.1059): Added 1 LOINC code (95539-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS125v11 - 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
Removed references to QRDA I guidance to avoid duplicating information provided in the CMS QRDA I Implementation Guide.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population description to clarify measure requirements.	Header	Initial Population	Measure Lead
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Added detail to the frailty and advanced illness exclusion language to clarify the measure requirements.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4971
Added age anchor specification to the denominator exclusion descriptions to clarify measure requirements.	Header	Denominator Exclusions	Measure Lead
Revised denominator exclusion narrative from living long term in an institution for more than 90 consecutive days language to living long term in a nursing home to reflect revised logic.	Header	Denominator Exclusions	Measure Lead
Added clarity to the numerator requirement by updating the mammogram lookback timeframe from during the 27 months prior to the end of the measurement period to any time on or between October 1 two years prior to the measurement period and the end of the measurement period to better align with measure intent.	Header	Numerator	Measure Lead
Added a clinical recommendation statement to provide evidence that supports the inclusion of digital breast tomosynthesis (DBT) codes.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Combined AdultOutpatientEncounters.'Qualifying Encounters' and 'Telehealth Services' into a single definition to improve stylistic consistency across measures.	Logic	Initial Population	Measure Lead
Replaced QDM datatype Encounter, Performed with Assessment, Performed and new modeling to improve data capturing of patients receiving long-term care.	Logic	Denominator Exclusions	Measure Lead
Combined AdultOutpatientEncounters.'Qualifying Encounters' and 'Telehealth Services' into a single definition to improve stylistic consistency across measures.	Logic	Definitions	Measure Lead
Updated the timing precision of advanced illness encounter definitions by replacing the syntax '2 years or less on or before' with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Replaced the retired QDM datatype 'Device, Applied' with 'Assessment, Performed' for identifying frailty device usage.	Logic	Definitions	Measure Lead
Replaced QDM datatype 'Encounter, Performed' with 'Assessment, Performed' and new modeling to improve data capturing of patients receiving long-term care.	Logic	Definitions	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Added QDM datatype 'Diagnosis' to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Revised the long-term care denominator exclusion logic to improve readability and clarity.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Adult Outpatient Encounters Library to v3.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Added clarity to the numerator requirement by updating the mammogram lookback timeframe from during the 27 months prior to the end of the measurement period to any time on or between October 1 two years prior to the measurement period and the end of the measurement period to better align with measure intent.	Logic	Multiple Sections	Measure Lead
Revised the initial population and denominator exclusions age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v7.0.000.	Logic	Multiple Sections	Measure Lead
Added direct reference code LOINC code (98181-1) 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): Deleted 1 SNOMED CT code (459821000124104) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71802-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Female (2.16.840.1.113883.3.560.100.2) with direct reference code AdministrativeGender code (F) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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): Deleted 2 SNOMED CT codes (30346009, 37894004) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead

CMS125v11 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Unilateral Mastectomy Right (2.16.840.1.113883.3.464.1003.198.12.1134): Added 1 SNOMED CT code (836435007) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (12275171000119105) 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 108 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 122 SNOMED CT codes based on terminology update. Added 2 ICD-10-CM codes (C79.63, G35) 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 6 LOINC codes (91517-3, 91518-1, 91519-9, 91520-7, 91521-5, 91522-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) 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 3 RxNorm codes (1858970, 996572, 996624) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (160734000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Unilateral Mastectomy Left (2.16.840.1.113883.3.464.1003.198.12.1133): Added 1 SNOMED CT code (836437004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 timing intent of when the patient received the vaccination.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement based on most recent published Advisory Committee on Immunization Practices (ACIP) guidelines.	Header	Clinical Recommendation Statement	ONC Project Tracking System (JIRA): CQM-5153
Updated references.	Header	Reference	Measure Lead
Removed references to QRDA I guidance to avoid duplicating information provided in the CMS QRDA I Implementation Guide.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population statement to clarify measure requirements.	Header	Initial Population	Measure Lead
Removed language related to adverse reactions to align with the measure intent.	Header	Numerator	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the logic to add the 'NormalizeInterval' function to additional QDM datatypes to decrease implementation burden due to variable use of timing attributes.	Logic	Definitions	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the logic to account for the recommended vaccine formulations based on most recent published Advisory Committee on Immunization Practices (ACIP) guidelines.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-5153
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the logic to remove adverse reaction criteria related to vaccines to align with the intent of the measure.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code CPT code (90732) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS127v11 - Pneumococcal Vaccination Status for Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed direct reference code SNOMED CT code (293116002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Pneumococcal Polysaccharide 23 Vaccine (2.16.840.1.113883.3.464.1003.110.12.1089) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Discharge Services - Nursing Facility (2.16.840.1.113883.3.464.1003.101.11.1065) with value set Discharge Services Nursing Facility (2.16.840.1.113883.3.464.1003.101.12.1013) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Adult Pneumococcal Vaccine (2.16.840.1.113883.3.464.1003.1161) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1014): Renamed to Care Services in Long Term Residential Facility based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Adult Pneumococcal Vaccine Administered (2.16.840.1.113883.3.464.1003.1162) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised age anchor specification by adding 'as of April 30 of the measurement period' to specify that the patient is at least 18 years old relative to the intake period, which aligns more closely with measure intent.	Header	Initial Population	Measure Lead
Updated continuous treatment descriptions to clarify that treatment timeframes also include IPSD as specified in the logic.	Header	Multiple Sections	Measure Lead
Revised text to refer to 'Index Prescription Start Date' as 'IPSD' after the acronym is first defined to improve readability.	Header	Multiple Sections	Measure Lead
Updated the rationale based on updated evidence to support the measure intent.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added definition of 'Intake Period' and applied the term across the specification to improve readability.	Header	Multiple Sections	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Logic	Measure Lead
Added Cumulative Medication Duration Library v1.0.000.	Logic	Logic	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Added 'let' statements to define 'IPSD' to improve logic readability.	Logic	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Added the 'NormalizeInterval' function to QDM datatype 'Medication, Dispensed' to decrease implementation burden due to variable use of timing attributes.	Logic	Multiple Sections	Measure Lead
Added definition of 'Intake Period' and applied the definition across specification to improve readability.	Logic	Multiple Sections	Measure Lead
Revised the age anchor from the start of the measurement period to the end of the intake period, or 'April 30 of the measurement period', to specify that the patient is at least 18 years old relative to the intake period, rather than the measurement period, which aligns more closely with measure intent.	Logic	Multiple Sections	Measure Lead

CMS128v11 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced QDM datatype 'Medication, Active' with 'Medication, Dispensed' and revised logic to more accurately compute medication duration based on stakeholder feedback.	Logic	Multiple Sections	Measure Lead
Added direct reference code SNOMED CT code (225754004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396127008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307470009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396125000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225752000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307439001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396108002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229797004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396109005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396107007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229798009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229799001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396126004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.526.3.1492): Renamed to Psych Visit Diagnostic Evaluation based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT code (307468000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396143001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225756002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396131002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS128v11 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code SNOMED CT code (396140003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307469008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Antidepressant Medication (2.16.840.1.113883.3.464.1003.196.12.1213): Added 11 RxNorm codes (1086789, 1433249, 1653469, 2200168, 2200175, 2200178, 2200181, 251201, 2532159, 2532163, 410584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.526.3.1496): Renamed to Psych Visit Psychotherapy based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT code (396111001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396139000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS129v12 - 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 copyright.	Header	Copyright	Annual Update
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Replaced direct reference code SNOMED CT code (258232002) with direct reference code SNOMED CT code (254292007) based on terminology updates and review by technical experts, SMEs, and/or public feedback.	Logic	Denominator	Annual Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Replaced direct reference code SNOMED CT code (258232002) with direct reference code SNOMED CT code (254292007) based on terminology updates and review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Annual Update

CMS130v11 - 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
Removed references to QRDA I guidance to avoid duplicating information provided in the CMS QRDA I Implementation Guide.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added detail to the frailty and advanced illness exclusion language to clarify the measure requirements.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4971
Revised denominator exclusion narrative from living long term in an institution for more than 90 consecutive days language to living long term in a nursing home to reflect revised logic.	Header	Denominator Exclusions	Measure Lead
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Updated the initial population age requirement and added age stratifications to align with updated clinical recommendations.	Header	Multiple Sections	Measure Lead
Updated the listing order of appropriate screenings by lookback period to improve readability.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added age anchor specification to the initial population and denominator exclusion descriptions to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions to align with the measure intent by replacing the syntax, such as '3 years or less on or before', with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Replaced the retired QDM datatype 'Device, Applied' with 'Assessment, Performed' for identifying frailty device usage.	Logic	Definitions	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Added QDM datatype 'Diagnosis' to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v7.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Adult Outpatient Encounters Library to v3.0.000.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the initial population age requirement and added age stratifications logic to align with updated clinical recommendations.	Logic	Multiple Sections	Measure Lead

CMS130v11 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the listing order of appropriate screenings by lookback period to improve readability.	Logic	Multiple Sections	Measure Lead
Revised the long-term care denominator exclusion logic to improve readability and clarity.	Logic	Multiple Sections	Measure Lead
Replaced QDM datatype Encounter, Performed with Assessment, Performed and new modeling to improve data capturing of patients receiving long-term care.	Logic	Multiple Sections	Measure Lead
Combined AdultOutpatientEncounters.'Qualifying Encounters' and 'Telehealth Services' into a single definition to improve stylistic consistency across measures.	Logic	Multiple Sections	Measure Lead
Revised the initial population, denominator exclusions and stratification age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code SNOMED CT code (160734000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71802-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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): Deleted 2 SNOMED CT codes (30346009, 37894004) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Deleted 1 SNOMED CT code (459821000124104) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) 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 3 RxNorm codes (1858970, 996572, 996624) 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 108 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 122 SNOMED CT codes based on terminology update. Added 2 ICD-10-CM codes (C79.63, G35) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS130v11 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (98181-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Malignant Neoplasm of Colon (2.16.840.1.113883.3.464.1003.108.12.1001): Added 54 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (716654007) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 section based on current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement based on the most recent clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Added clarity by removing references limiting the measure to primary diagnoses of Type 1 or Type 2 diabetes, because the text does not adequately capture the measure intent.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-4497
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Revised denominator exclusion narrative from living long term in an institution for more than 90 consecutive days language to living long term in a nursing home to reflect revised logic.	Header	Denominator Exclusions	Measure Lead
Added detail to the frailty and advanced illness exclusion language to clarify the measure requirements.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4971
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added age anchor specification to the initial population and denominator exclusion descriptions to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Updated the timing precision of advanced illness encounter definitions by replacing the syntax '2 years or less on or before' with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Replaced the retired QDM datatype Device, Applied with Assessment, Performed for identifying frailty device usage.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Added QDM datatype Diagnosis to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Replaced QDM datatype Encounter, Performed with Assessment, Performed and new modeling to improve data capturing of patients receiving long-term care.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v7.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Revised the long-term care denominator exclusion logic to improve readability and clarity.	Logic	Multiple Sections	Measure Lead

CMS131v11 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the initial population and denominator exclusions age anchor from the start of the measurement period to the end of the measurement period to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Added direct reference code SNOMED CT code (160734000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71802-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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): Deleted 2 SNOMED CT codes (30346009, 37894004) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Deleted 1 SNOMED CT code (459821000124104) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) 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 3 RxNorm codes (1858970, 996572, 996624) 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 108 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 122 SNOMED CT codes based on terminology update. Added 2 ICD-10-CM codes (C79.63, G35) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS131v11 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (98181-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 24 ICD-10-CM codes based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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	Standards/Technical Update
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Deleted 2 SNOMED CT codes (3712000, 193276002) based on terminology update.	Value Set	Terminology	Annual Update
Value set Optic Neuritis (2.16.840.1.113883.3.526.3.1467): Deleted 1 SNOMED CT code (314787009) based on terminology update.	Value Set	Terminology	Annual Update
Value set Injury to Optic Nerve and Pathways (2.16.840.1.113883.3.526.3.1427): Deleted 1 SNOMED CT code (230515007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Visual Field Defects (2.16.840.1.113883.3.526.3.1446): Added 1 ICD-10-CM code (H53.47) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Retinal Detachment with Retinal Defect (2.16.840.1.113883.3.526.3.1478): Added 3 ICD-10-CM codes (H33.41, H33.42, H33.43) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Other and Unspecified Forms of Chorioretinitis and Retinochoroiditis (2.16.840.1.113883.3.526.3.1468): Added 2 SNOMED CT codes (699515009, 699763005) based on terminology update. Deleted 1 SNOMED CT code (44674000) based on terminology update.	Value Set	Terminology	Annual Update
Value set Hereditary Corneal Dystrophies (2.16.840.1.113883.3.526.3.1424): Added 1 SNOMED CT code (231927007) based on terminology update. Deleted 1 SNOMED CT code (123670005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Glaucoma Associated with Congenital Anomalies and Dystrophies and Systemic Syndromes (2.16.840.1.113883.3.526.3.1461): Added 1 SNOMED CT code (1137633000) based on terminology update. Deleted 1 SNOMED CT code (404634005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Focal Chorioretinitis and Focal Retinochoroiditis (2.16.840.1.113883.3.526.3.1460): Added 3 SNOMED CT codes (373667006, 699515009, 699763005) based on terminology update. Deleted 1 SNOMED CT code (44674000) 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 1 SNOMED CT code (4041005) based on terminology update. Deleted 1 SNOMED CT code (204179007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Uveitis (2.16.840.1.113883.3.526.3.1444): Deleted 2 SNOMED CT codes (95706000, 95707009) based on terminology update.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.526.3.1461): Renamed to Glaucoma Associated with Congenital Anomalies and Dystrophies and Systemic Syndromes based on recommended value set naming conventions.	Value Set	Terminology	Annual Update

CMS133v11 - 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 (2.16.840.1.113883.3.526.3.1414): Renamed to Cataract Posterior Polar based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.526.3.1413): Renamed to Cataract Mature or Hypermature based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.526.3.1412): Renamed to Cataract Congenital based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set Glaucoma (2.16.840.1.113883.3.526.3.1423): Added 1 SNOMED CT code (15673041000119101) based on review by technical experts, SMEs, and/or public feedback. Added 2 SNOMED CT codes (1137633000, 1003657004) based on terminology update. Deleted 2 SNOMED CT codes (15673081000119106, 404634005) based on terminology update.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS134v11 - 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 section based on current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement based on the most recent clinical recommendations.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Added clarity by removing references limiting the measure to primary diagnoses of Type 1 or Type 2 diabetes, because the text does not adequately capture the measure intent.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-4497
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised denominator exclusion narrative from living long term in an institution for more than 90 consecutive days language to living long term in a nursing home to reflect revised logic.	Header	Denominator Exclusions	Measure Lead
Added detail to the frailty and advanced illness exclusion language to clarify the measure requirements.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4971
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added age anchor specification to the initial population and denominator exclusion descriptions to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Replaced AdultOutpatientEncounters.'Qualifying Encounters' and 'Telehealth Services' with a single definition 'Qualifying Encounters' to simplify the logic.	Logic	Initial Population	Measure Lead
Replaced QDM datatype 'Encounter, Performed' with 'Assessment, Performed' and new modeling to improve data capturing of patients receiving long-term care.	Logic	Denominator Exclusions	Measure Lead
Added QDM datatype 'Diagnosis' to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Updated the timing precision of advanced illness encounter definitions by replacing the syntax '2 years or less on or before' with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Replaced the retired QDM datatype 'Device, Applied' with 'Assessment, Performed' for identifying frailty device usage.	Logic	Definitions	Measure Lead
Replaced QDM datatype 'Encounter, Performed' with 'Assessment, Performed' and new modeling to improve data capturing of patients receiving long-term care.	Logic	Definitions	Measure Lead
Replaced AdultOutpatientEncounters.'Qualifying Encounters' and 'Telehealth Services' with a single definition 'Qualifying Encounters' to simplify the logic.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Removed the Adult Outpatient Encounters Library.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v7.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the long-term care denominator exclusion logic to improve readability and clarity.	Logic	Multiple Sections	Measure Lead
Revised the initial population and denominator exclusions age anchor from the start of the measurement period to the end of the measurement period to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Added direct reference code LOINC code (98181-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (160734000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71802-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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): Deleted 2 SNOMED CT codes (30346009, 37894004) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Deleted 1 SNOMED CT code (459821000124104) 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 108 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 122 SNOMED CT codes based on terminology update. Added 2 ICD-10-CM codes (C79.63, G35) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set ACE Inhibitor or ARB or ARNI (2.16.840.1.113883.3.526.3.1139): Added 7 RxNorm codes (1798281, 1806884, 251856, 251857, 401965, 401968, 1996254) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS134v11 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) 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 3 RxNorm codes (1858970, 996572, 996624) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 24 ICD-10-CM codes based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS135v11 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) or Angiotensin Receptor-Neprilysin Inhibitor (ARNI) 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 name of measure steward.	Header	Measure Steward	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated rationale to align with most recent guidelines.	Header	Rationale	Measure Lead
Update clinical recommendation statement to align with most recent guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated guidance to spell out first use of abbreviations for clarity and consistency.	Header	Guidance	Measure Lead
Updated initial population statement to align with measure logic requiring at least two qualifying encounters.	Header	Initial Population	Measure Lead
Updated the denominator statement to include patients with a left ventricular ejection fraction (LVEF) less than or equal to 40% to align with clinical guidelines.	Header	Denominator	Measure Lead
Added denominator exclusions for patients with a history of heart transplant or with a Left Ventricular Assist Device (LVAD), because these patients were not included in clinical treatment trials for low LVEF heart failure.	Header	Denominator Exclusions	Measure Lead
Updated the numerator statement to more closely align with measure logic.	Header	Numerator	Measure Lead
Removed system reason denominator exception due to wide-availability of medications.	Header	Denominator Exceptions	Measure Lead
Updated denominator exception statement to better align with specific medical conditions in the logic.	Header	Denominator Exceptions	Measure Lead
Removed Population 2, the inpatient population, from the measure to address implementer feedback and keep measure intent contained to the outpatient setting.	Header	Multiple Sections	Measure Lead
Revised language to harmonize with other measures.	Header	Multiple Sections	Measure Lead
Updated the logic to include an LVEF less than or equal to 40% to align with clinical guidelines.	Logic	Denominator	Measure Lead
Added denominator exclusions to the logic excluding patients with a history of heart transplant or a Left Ventricular Assist Device (LVAD), heart transplant-related diagnoses, and LVAD-related diagnoses, because these patients were not included in clinical treatment trials for low LVEF heart failure.	Logic	Denominator Exclusions	Measure Lead
Removed system reason denominator exception due to wide-availability of medications.	Logic	Denominator Exceptions	Measure Lead
Updated encounter logic definition name by adding 'History of' to align with intent of capturing patients with a history of left ventricular systolic dysfunction (LVSD).	Logic	Definitions	Measure Lead
Removed Population 2, the inpatient population, from the measure to address implementer feedback and keep measure intent contained to the outpatient setting.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update

CMS135v11 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) or Angiotensin Receptor-Neprilysin Inhibitor (ARNI) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Ejection Fraction (2.16.840.1.113883.3.526.3.1134): Added 3 LOINC codes (93644-3, 93645-0, 93646-8) based on terminology update.	Value Set	Terminology	Annual Update
Value set ACE Inhibitor or ARB Ingredient (2.16.840.1.113883.3.526.3.1489): Added 2 RxNorm codes (1091643, 1656328) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set ACE Inhibitor or ARB or ARNI (2.16.840.1.113883.3.526.3.1139): Added 7 RxNorm codes (1798281, 1806884, 251856, 251857, 401965, 401968, 1996254) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set System Reason (2.16.840.1.113883.3.526.3.1009) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Left Ventricular Assist Device Related Diagnoses (2.16.840.1.113762.1.4.1178.58) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Left Ventricular Assist Device Placement (2.16.840.1.113762.1.4.1178.61) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Heart Transplant Related Diagnoses (2.16.840.1.113762.1.4.1178.56) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Heart Transplant (2.16.840.1.113762.1.4.1178.33) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Discharge Services - Hospital Inpatient (2.16.840.1.113883.3.464.1003.101.12.1007) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Replaced value set Renal Failure Due to ACE Inhibitor (2.16.840.1.113883.3.526.3.1151) with direct reference code SNOMED CT code (422593004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 with more recent evidence to support the measure.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement with more recent evidence to support the measure.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Extended the intake period from 5 months to 12 months to ensure assessment of follow-up for patients newly prescribed ADHD medication at any point within a year rather than only in the fall or winter.	Header	Definition	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor narrative specifications to reflect revised logic and clarify measure requirements.	Header	Initial Population	Measure Lead
Updated the initial population language to clarify that index prescription start date can be included in the count of 210 days of continuous treatment.	Header	Initial Population	Measure Lead
Replaced 'mental health or substance abuse' with 'mental, behavioral or neurodevelopmental disorder' to reflect current terminology.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4789
Moved non-clinical conditions exclusion criteria from the denominator exclusions and re-designated them as removals from the initial population. This change allows a distinction between methodological removals and clinical condition exclusions and aligns with the measure intent.	Header	Multiple Sections	Measure Lead
Updated language from 'dispensed' to 'prescribed' to reflect revised logic.	Header	Multiple Sections	Measure Lead
Updated the term 'Continuation and Maintenance Phase' to improve clarity and applied terms defined in the Definitions section, including 'Initiation Phase', across the specification.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions to align with the measure intent by adding or removing the syntax 'on or'.	Logic	Definitions	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Extended the intake period from 5 months to 12 months to ensure assessment of follow-up for patients newly prescribed ADHD medication at any point within a year rather than only in the fall or winter.	Logic	Multiple Sections	Measure Lead
Updated the logic to exclude patients who start ADHD medication during the 120-day lookback period as well as patients who start ADHD medication before and continue the medication into the 120-day lookback period.	Logic	Multiple Sections	Measure Lead

CMS136v12 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Revised numerator 2 logic to require at least two synchronous follow-up visits, or one synchronous follow-up visit and one online assessment visit, to meet numerator compliance and align with measure intent.	Logic	Multiple Sections	ONC Project Tracking System (JIRA): CQM-4772
Revised initial population age anchor from the start of the measurement period to age 6 or greater at start of intake period and age 12 or less at end of intake period to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced QDM datatype Medication, Active' with Medication, Order and additional logic to accurately compute medication duration based on stakeholder feedback.	Logic	Multiple Sections	Measure Lead
Moved non-clinical conditions exclusion criteria from the denominator exclusions and re-designated them as removals from the initial population. This change allows a distinction between methodological removals and clinical conditions exclusions and aligns with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced QDM datatype Medication, Dispensed' with Medication, Order for determining an index prescription dispensing event to improve the measure's clinical relevance.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Added Cumulative Medication Duration Library v1.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the term 'Continuation and Maintenance Phase' to improve clarity and applied terms defined in the Definitions section, including 'Initiation Phase', across the specification.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code SNOMED CT code (396127008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307470009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396125000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225752000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307439001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229799001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229797004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396109005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396108002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS136v12 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code SNOMED CT code (396107007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229798009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225754004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396126004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307469008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307468000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396143001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225756002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396131002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396140003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Mental Behavioral and Neurodevelopmental Disorders (2.16.840.1.113883.3.464.1003.105.12.1203): Added 28 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 20 SNOMED CT codes based on validity of code during timing of look back period. Deleted 5 SNOMED CT codes (225479002, 309279000, 56194001, 70655008, 95635002) based on review by technical experts, SMEs, and/or public feedback. Added 3 ICD-10-CM codes (F32.A, F78.A1, F78.A9) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 ICD-10-CM code (F78) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set ADHD Medications (2.16.840.1.113883.3.464.1003.196.12.1171): Added 11 RxNorm codes (2119559, 2119563, 2119567, 2119571, 2119574, 2119577, 2168857, 2168861, 2168864, 2168866, 2168868) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Telehealth Services (2.16.840.1.113883.3.464.1003.101.12.1031) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS136v12 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set (2.16.840.1.113883.3.464.1003.101.12.1002): Renamed to Initial Hospital Observation Care based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396111001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396139000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS137v11 - Initiation and Engagement of Substance Use Disorder 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
Revised age stratifications from 'age 13-17 and 18 or older' to 'age 13-17, 18-64 and 65 or older' to increase measure utility and actionability.	Header	Stratification	Measure Lead
Updated the definition for 'initiation treatment' to clarify the timing requirement.	Header	Definition	Measure Lead
Updated the definition of 'treatment' to include medications to reflect the measure logic and intent.	Header	Definition	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population description to clarify measure requirements.	Header	Initial Population	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated narrative specification to replace references to 'substance abuse and dependence' with 'substance use disorder' (SUD) to align with current Diagnostic and Statistical Manual of Mental Disorders (DSM) terminology.	Header	Multiple Sections	Measure Lead
Updated numerator 2 language to allow one long-acting medication event to meet the full engagement criteria to align with the measure intent.	Header	Multiple Sections	Measure Lead
Moved 'negative treatment history' criteria currently captured as denominator exclusions to initial population by redefining a 'new SUD episode' to align with the measure intent.	Header	Multiple Sections	Measure Lead
Updated the definition for a new episode of substance use disorder to align with the measure intent, and relocated the definition from 'Guidance' to 'Definition' section.	Header	Multiple Sections	Measure Lead
Revised language related to the second numerator option to no longer require pharmacotherapy be accompanied by at least one psychosocial treatment for the treatment of substance use disorder per current clinical practice guidelines.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated logic to align with the intent of allowing initiation treatment to start the same day as the new episode or during the 13 days after.	Logic	Definitions	Measure Lead
Modified logic from 'diagnosis with encounter' to 'encounter with diagnosis' to align with measure intent.	Logic	Definitions	Measure Lead
Added QDM datatypes 'Encounter, Performed' and 'Assessment, Performed' and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Removed 'Encounter, Performed' of ED visits and medically managed withdrawals from list of qualifying treatment history events to align with the measure intent.	Logic	Definitions	Measure Lead
Added 'Min' operators to the treatment engagement definitions to require the first treatment initiation event to be used in the instances of multiple qualifying initiation events to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Moved 'negative treatment history' criteria currently captured as denominator exclusions to initial population to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Revised age stratifications from 'age 13-17 and 18 or older' to 'age 13-17, 18-64 and 65 or older' to increase measure utility and actionability.	Logic	Multiple Sections	Measure Lead
Separated medication value sets into long-acting medications and short-acting medications; added new medication administration value sets and QDM datatype Procedure, Performed to identify qualifying medication administration events for treatment history, initiation and engagement; and updated numerator 2 logic to allow one long-acting medication or medication administration event to meet the full engagement criteria to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Replaced references to 'substance abuse and dependence' with 'substance use disorder' (SUD) to align with current DSM terminology.	Logic	Multiple Sections	Measure Lead
Revised numerator 2 to no longer require pharmacotherapy be accompanied by at least one psychosocial treatment for the treatment of substance use disorder per current clinical practice guidelines.	Logic	Multiple Sections	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Opiate Antagonists (2.16.840.1.113883.3.464.1003.198.12.1132) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Substance Use Disorder Long Acting Medication (2.16.840.1.113883.3.464.1003.1149) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Substance Use Disorder Long Acting Medication Administration (2.16.840.1.113883.3.464.1003.1156) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Substance Use Disorder Short Acting Medication Administration (2.16.840.1.113883.3.464.1003.1157) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.106.12.1001): Renamed to Substance Use Disorder based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1004): Renamed to Initial Hospital Inpatient Visit based on recommended value set naming conventions.	Value Set	Terminology	Annual Update

CMS137v11 - Initiation and Engagement of Substance Use Disorder Treatment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set (2.16.840.1.113883.3.464.1003.106.12.1005): Renamed to Substance Use Disorder Treatment based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Substance Use Disorder (2.16.840.1.113883.3.464.1003.106.12.1001): Added 8 SNOMED CT codes (12398281000119105, 16236661000119100, 361150008, 1142050005, 191877009, 231475006, 703846009, 703847000) based on review by technical experts, SMEs, and/or public feedback. Deleted 14 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1002): Renamed to Initial Hospital Observation Care based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Substance Use Disorder Short Acting Medication (2.16.840.1.113883.3.464.1003.1150) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 references.	Header	Reference	Measure Lead
Updated the guidance language to align with 2021 US Preventive Services Task Force (USPSTF) recommendations.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-4576
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised the denominator statement for population 2 to clarify the timing of the tobacco use screening and align with the logic.	Header	Denominator	Measure Lead
Updated the timing requirement for the tobacco cessation interventions to allow for greater flexibility in implementation and to capture more patients in the numerator.	Header	Multiple Sections	Measure Lead
Updated the definition and clinical recommendation statement language to align with 2021 USPSTF recommendations.	Header	Multiple Sections	Measure Lead
Removed the header language for denominator exceptions and added denominator exclusions to exclude patients who are receiving hospice care to meet the clinical intent of the measure.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the numerator definitions to allow for a 6-month lookback prior to the current measurement period for tobacco cessation interventions to allow for greater flexibility in implementation and to capture more patients in the numerator.	Logic	Definitions	Measure Lead
Updated the logic to include dietician visits as eligible encounters for the denominator.	Logic	Definitions	Measure Lead
Updated the logic to include an additional 'Diagnosis' QDM datatype to meet numerator compliance.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4358
Updated the logic to add postoperative follow-up visit as an eligible encounter.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-2639
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429).	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added Hospice Library v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Removed denominator exceptions logic and added denominator exclusion logic to exclude patients who are receiving hospice care to meet the clinical intent of the measure.	Logic	Multiple Sections	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code CPT code (99024) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428361000124107) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428371000124100) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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 1 RxNorm code (1313059) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Physical Therapy Evaluation (2.16.840.1.113883.3.526.3.1022): Added 6 SNOMED CT codes (410158009, 410160006, 183326003, 410159001, 424203006, 424291000) based on review by technical experts, SMEs, and/or public feedback. Added 1 CPT code (97164) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added 6 SNOMED CT codes (228653003, 410156008, 423602000, 424574000, 59694001, 84478008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Limited Life Expectancy (2.16.840.1.113883.3.526.3.1259) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Medical Reason (2.16.840.1.113883.3.526.3.1007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Nutrition Services (2.16.840.1.113883.3.464.1003.1006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.526.3.1189): Renamed to Tobacco Non User based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1026): Renamed to Preventive Care Services Individual Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1027): Renamed to Preventive Care Services Group Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.526.3.1496): Renamed to Psych Visit Psychotherapy based on recommended value set naming conventions.	Value Set	Terminology	Annual Update

CMS138v11 - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set (2.16.840.1.113883.3.526.3.1492): Renamed to Psych Visit Diagnostic Evaluation based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code ICD-10-CM code (Z71.6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population description to clarify measure requirements.	Header	Initial Population	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the logic to include occupational and physical therapy evaluation visits as applicable encounters.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4424
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Physical Therapy Evaluation (2.16.840.1.113883.3.526.3.1022) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1013): Renamed to Discharge Services Nursing Facility based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1014): Renamed to Care Services in Long Term Residential Facility based on recommended value set naming conventions.	Value Set	Terminology	Annual Update

CMS139v11 - Falls: Screening for Future Fall Risk

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1026): Renamed to Preventive Care Services Individual Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS142v11 - 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 copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated citations to align with APAv6 citation style.	Header	Rationale	Measure Lead
Revised punctuation in references to align with APAv6 citation style.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated logic using the new QDM v5.6 'Encounter, Performed' class attribute to exclude telehealth (or virtual) encounters using the logical representation (class !~ virtual), for measures containing telehealth-eligible codes, where telehealth is not appropriate. For more information, please refer to the 2023 Telehealth Guidance document.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ActCode code (VR) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS143v11 - 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 copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated logic using the new QDM 5.6 'Encounter, Performed' class attribute to exclude telehealth (or virtual) encounters using the logical representation (class !~ virtual), for measures containing telehealth-eligible codes, where telehealth is not appropriate. For more information, please refer to the 2023 Telehealth Guidance document.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Primary Open-Angle Glaucoma (2.16.840.1.113883.3.526.3.326): Deleted 1 SNOMED CT code (193533000) based on terminology update.	Value Set	Terminology	Annual Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ActCode code (VR) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS144v11 - 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 name of measure steward.	Header	Measure Steward	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated rationale to align with most recent guidelines.	Header	Rationale	Measure Lead
Update clinical recommendation statement to align with most recent guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated initial population statement to align with measure logic requiring at least two qualifying encounters.	Header	Initial Population	Measure Lead
Updated the denominator statement to include patients with a left ventricular ejection fraction (LVEF) less than or equal to 40% to align with clinical guidelines.	Header	Denominator	Measure Lead
Added denominator exclusions for patients with a history of heart transplant or with a Left Ventricular Assist Device (LVAD), because these patients were not included in clinical treatment trials for low LVEF heart failure.	Header	Denominator Exclusions	Measure Lead
Updated the numerator statement to more closely align with measure logic.	Header	Numerator	Measure Lead
Removed system reason denominator exception due to wide-availability of medications.	Header	Denominator Exceptions	Measure Lead
Updated denominator exception statement to better align with specific medical conditions in the logic.	Header	Denominator Exceptions	Measure Lead
Removed Population 2, the inpatient population, from the measure to address implementer feedback and keep measure intent contained to the outpatient setting.	Header	Multiple Sections	Measure Lead
Updated the logic to include an LVEF less than or equal to 40%, to align with clinical guidelines.	Logic	Denominator	Measure Lead
Added denominator exclusions to the logic excluding patients with a history of heart transplant or a Left Ventricular Assist Device (LVAD), heart transplant-related diagnoses, and LVAD-related diagnoses, because these patients were not included in clinical treatment trials for low LVEF heart failure.	Logic	Denominator Exclusions	Measure Lead
Removed system reason denominator exception due to wide-availability of medications.	Logic	Denominator Exceptions	Measure Lead
Replaced 'Device, Applied' with 'Procedure, Performed' in Cardiac Pacer Implanted expression to align with current QDM.	Logic	Denominator Exceptions	Measure Lead
Replaced timing operator 'overlaps after' with 'starts before end of' to allow use of 'NormalizeInterval' function, where applicable.	Logic	Denominator Exceptions	Measure Lead
Updated encounter logic definition name by adding 'History of' to align with intent of capturing patients with a history of left ventricular systolic dysfunction (LVSD).	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Removed Population 2, the inpatient population, from the measure to address implementer feedback and keep measure intent contained to the outpatient setting.	Logic	Multiple Sections	Measure Lead

CMS144v11 - Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Added the 'NormalizeInterval' function to 'Procedure, Performed', 'Physical Exam, Performed', and 'Diagnosis' to decrease implementation burden due to variable use of timing attributes.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Value set Cardiac Pacer in Situ (2.16.840.1.113883.3.526.3.368): Added 1 SNOMED CT code (443325000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Bradycardia (2.16.840.1.113883.3.526.3.412): Added 2 SNOMED CT codes (1142110005, 1142111009) based on terminology update.	Value Set	Terminology	Annual Update
Value set Beta Blocker Therapy for LVSD (2.16.840.1.113883.3.526.3.1184): Added 4 RxNorm codes (1999031, 1999033, 1999035, 1999037) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493): Added 2 RxNorm codes (31555, 9947) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Asthma (2.16.840.1.113883.3.526.3.362): Added 1 SNOMED CT code (762521001) based on terminology update. Deleted 2 SNOMED CT codes (304527002, 708038006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Arrhythmia (2.16.840.1.113883.3.526.3.366): Added 26 SNOMED CT codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Ejection Fraction (2.16.840.1.113883.3.526.3.1134): Added 3 LOINC codes (93644-3, 93645-0, 93646-8) based on terminology update.	Value Set	Terminology	Annual Update
Removed value set System Reason (2.16.840.1.113883.3.526.3.1009) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Discharge Services - Hospital Inpatient (2.16.840.1.113883.3.464.1003.101.12.1007) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Left Ventricular Assist Device Placement (2.16.840.1.113762.1.4.1178.61) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Left Ventricular Assist Device Related Diagnoses (2.16.840.1.113762.1.4.1178.58) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Heart Transplant Related Diagnoses (2.16.840.1.113762.1.4.1178.56) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Heart Transplant (2.16.840.1.113762.1.4.1178.33) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Cardiac Pacer (2.16.840.1.113762.1.4.1178.53) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update

CMS144v11 - Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Cardiac Pacer (2.16.840.1.113883.3.526.3.1193) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS145v11 - 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 name of measure steward.	Header	Measure Steward	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated Initial Population header statement to align with measure logic.	Header	Initial Population	Measure Lead
Updated initial population statement to align with measure logic requiring at least two qualifying encounters.	Header	Denominator	Measure Lead
Updated denominator exception statement to better align with specific medical conditions in the logic.	Header	Denominator Exceptions	Measure Lead
Updated denominator logic for Population 2 so that patients with left ventricular systolic dysfunction (LVSD) will not be captured in the denominator.	Logic	Denominator	ONC Project Tracking System (JIRA): CQM-4638
Updated the logic to include a left ventricular ejection fraction (LVEF) less than or equal to 40%, to align with clinical guidelines.	Logic	Denominator	Measure Lead
Replaced 'Device, Applied' with 'Procedure, Performed' in Cardiac Pacer Implanted expression to align with current QDM.	Logic	Denominator Exceptions	Measure Lead
Replaced timing operator 'overlaps after' with 'starts before end of' to allow use of 'NormalizeInterval' function, where applicable.	Logic	Denominator Exceptions	Measure Lead
Updated encounter logic definition name by adding 'History of' to align with intent of capturing patients with a history of LVSD.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Added the 'NormalizeInterval' function to 'Procedure, Performed', 'Physical Exam, Performed', and 'Diagnosis' to decrease implementation burden due to variable use of timing attributes.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Deleted 1 SNOMED CT code (397745006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Myocardial Infarction (2.16.840.1.113883.3.526.3.403): Added 23 SNOMED CT codes based on terminology update. Deleted 1 SNOMED CT code (371068009) based on terminology update.	Value Set	Terminology	Annual Update

CMS145v11 - 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): Added 7 SNOMED CT codes (15960341000119104, 15960461000119105, 876856005, 876857001, 876858006, 876859003, 896690007) based on terminology update.	Value Set	Terminology	Annual Update
Value set Cardiac Surgery (2.16.840.1.113883.3.526.3.371): Added 29 SNOMED CT codes based on terminology update. Deleted 12 SNOMED CT codes based on terminology update. Deleted 6 CPT codes (92980, 92981, 92982, 92984, 92995, 92996) based on terminology update.	Value Set	Terminology	Annual Update
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Added 8 RxNorm codes (1234256, 1999031, 1999033, 1999035, 1999037, 856443, 896771, 904630) based on review by technical experts, SMEs, and/or public feedback. Added 4 RxNorm codes (2477889, 2479564, 2479566, 2479567) based on terminology update. Deleted 1 RxNorm code (1191185) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Cardiac Pacer in Situ (2.16.840.1.113883.3.526.3.368): Added 1 SNOMED CT code (443325000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Bradycardia (2.16.840.1.113883.3.526.3.412): Added 2 SNOMED CT codes (1142110005, 1142111009) based on terminology update.	Value Set	Terminology	Annual Update
Value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493): Added 2 RxNorm codes (31555, 9947) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Asthma (2.16.840.1.113883.3.526.3.362): Added 1 SNOMED CT code (762521001) based on terminology update. Deleted 2 SNOMED CT codes (304527002, 708038006) based on terminology update.	Value Set	Terminology	Annual Update
Value set Arrhythmia (2.16.840.1.113883.3.526.3.366): Added 26 SNOMED CT codes based on terminology update.	Value Set	Terminology	Annual Update
Value set Ejection Fraction (2.16.840.1.113883.3.526.3.1134): Added 3 LOINC codes (93644-3, 93645-0, 93646-8) based on terminology update.	Value Set	Terminology	Annual Update
Removed value set Cardiac Pacer (2.16.840.1.113883.3.526.3.1193) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Cardiac Pacer (2.16.840.1.113762.1.4.1178.53) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Beta Blocker Therapy for LVSD (2.16.840.1.113883.3.526.3.1184): Added 4 RxNorm codes (1999031, 1999033, 1999035, 1999037) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS146v11 - Appropriate Testing for 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
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the initial population language to align with the logic and the current value sets.	Header	Initial Population	Measure Lead
Revised the description, guidance, and initial population to use 'order' instead of 'dispense' to align with the measure logic.	Header	Multiple Sections	Measure Lead
Updated the description and guidance to clarify the strep test timing requirements.	Header	Multiple Sections	ONC Project Tracking System (JIRA): CQM-4726
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the timing precision in definitions from datetime to date by adding the 'day of' operator to align with measure intent.	Logic	Definitions	Measure Lead
Revised the logic to exclude patients with an antibiotic that is active before the encounter but is still active the same day of the encounter date.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4749
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429).	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Revised the timing requirements for the strep test to occur in the interval between the 3 days before through the 3 days after the encounter.	Logic	Multiple Sections	ONC Project Tracking System (JIRA): CQM-4726
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added 136 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 55 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 1 ICD-10-CM code (A04.7) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Comorbid Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1025): Added 8 SNOMED CT codes (1092771000119104, 1144499001, 1149259003, 1153413001, 1153415008, 15984271000119108, 16016231000119109, 16016311000119107) based on review by technical experts, SMEs, and/or public feedback. Deleted 9 SNOMED CT codes (266355005, 77690003, 34320001, 186231006, 203271005, 25042006, 418750009, 59190009, 724502006) based on review by technical experts, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 11 RxNorm codes (1291986, 1650198, 1809083, 2099768, 2122343, 309042, 351121, 757968, 758019, 853019, 861416) based on review by technical experts, SMEs, and/or public feedback. Deleted 94 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1026): Renamed to Preventive Care Services Individual Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1002): Renamed to Initial Hospital Observation Care based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1027): Renamed to Preventive Care Services Group Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 references.	Header	Reference	Measure Lead
Removed the language regarding the Encounter-Influenza value set from the guidance section to align with the logic.	Header	Guidance	Measure Lead
Removed references to QRDA I guidance to avoid duplicating information provided in the CMS QRDA I Implementation Guide.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added denominator exclusions to remove patients in hospice care to align with other immunization measures.	Header	Denominator Exclusions	Measure Lead
Revised the denominator exceptions language to remove medical, patient, and system reason exceptions to align with the clinical guidelines and the measure intent.	Header	Denominator Exceptions	Measure Lead
Updated the details about the live attenuated nasal spray vaccine (LAIV) in the clinical recommendation statement and guidance to align with the updated clinical guidelines.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Revised the header language for the definition, denominator, and numerator to align with expanding the immunization period.	Header	Multiple Sections	Measure Lead
Replaced the Encounter-Influenza value set with individual value sets grouped into a definition to define encounters during the influenza season to follow the pattern of other qualifying encounter related definitions and improve transparency.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the numerator definitions to add receipt of the live attenuated nasal spray vaccine (LAIV) during the influenza season.	Logic	Definitions	Measure Lead
Updated the definition names and logic to expand the immunization period from July of the prior year to June of the measurement period to align with the licensing for each vaccine.	Logic	Definitions	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429).	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added Hospice Library v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed the denominator exceptions logic for medical, patient, and system reasons, including identified examples, to align with the clinical guidelines and the measure intent.	Logic	Multiple Sections	Measure Lead
Added denominator exclusion logic to remove patients in hospice care.	Logic	Multiple Sections	Measure Lead
Removed value set System Reason (2.16.840.1.113883.3.526.3.1009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Allergy to Eggs (2.16.840.1.113883.3.526.3.1253) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Allergy to Influenza Vaccine (2.16.840.1.113883.3.526.3.1256) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Egg Substance (2.16.840.1.113883.3.526.3.1537) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Encounter-Influenza (2.16.840.1.113883.3.526.3.1252) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Intolerance to Influenza Vaccine (2.16.840.1.113883.3.526.3.1257) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Patient Reason (2.16.840.1.113883.3.526.3.1008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428371000124100) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428361000124107) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Influenza Vaccination Declined (2.16.840.1.113883.3.526.3.1255) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Medical Reason (2.16.840.1.113883.3.526.3.1007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429) 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 Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1013): Renamed to Discharge Services Nursing Facility based on recommended value set naming conventions.	Value Set	Terminology	Annual Update

CMS147v12 - Preventive Care and Screening: Influenza Immunization

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set (2.16.840.1.113883.3.464.1003.101.12.1026): Renamed to Preventive Care Services Individual Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1027): Renamed to Preventive Care Services Group Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1014): Renamed to Care Services in Long Term Residential Facility based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code LOINC code (45755-6) 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 direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS149v11 - 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 copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Revised spelling to improve readability.	Header	Clinical Recommendation Statement	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised grammar to improve readability and consistency.	Header	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added 6 SNOMED CT codes (228653003, 410156008, 423602000, 424574000, 59694001, 84478008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS153v11 - Chlamydia Screening in Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the measure title from 'Chlamydia Screening for Women' to 'Chlamydia Screening in Women' to align with naming conventions.	Header	eCQM Title	Measure Lead
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Removed references to QRDA I guidance to avoid duplicating information provided in the CMS QRDA I Implementation Guide.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the stratification and initial population descriptions to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions to align with the measure intent by replacing 'before end of' with 'on or before end of'.	Logic	Definitions	Measure Lead
Revised the stratifications age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Definitions	Measure Lead
Revised the initial population age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Revised the initial population and stratifications age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced value set Female (2.16.840.1.113883.3.560.100.2) with direct reference code AdministrativeGender code (F) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set XRay Study (2.16.840.1.113883.3.464.1003.198.12.1034): Added 235 LOINC codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS153v11 - Chlamydia Screening in Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Lab Tests for Sexually Transmitted Infections (2.16.840.1.113883.3.464.1003.110.12.1051): Added 4 LOINC codes (97156-4, 97157-2, 98221-5, 98223-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Isotretinoin (2.16.840.1.113883.3.464.1003.196.12.1143): Added 4 RxNorm codes (2262711, 2262717, 2262725, 2262729) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Diagnostic Studies During Pregnancy (2.16.840.1.113883.3.464.1003.111.12.1008): Added 1 LOINC code (98032-6) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 LOINC code (11767-1) based on validity of code during timing of look back period.	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 28 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 205 SNOMED CT codes based on validity of code during timing of look back period. Deleted 1 ICD-10-CM code (O86.0) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Contraceptive Medications (2.16.840.1.113883.3.464.1003.196.12.1080): Added 26 RxNorm codes based on review by technical experts, SMEs, and/or public feedback. Deleted 3 RxNorm codes (2396242, 248310, 402250) 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 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 6 ICD-10-CM codes (O98.711, O98.712, O98.713, O98.719, O98.72, O98.73) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Sexually Active (2.16.840.1.113883.3.464.1003.121.12.1040) with direct reference code LOINC code (64728-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Diagnoses Used to Indicate Sexual Activity (2.16.840.1.113883.3.464.1003.111.12.1018): Added 6 SNOMED CT codes (1142045004, 1142055000, 1142043006, 1142099009, 1148858008, 1148927006) based on review by technical experts, SMEs, and/or public feedback. Deleted 8 SNOMED CT codes (420687005, 72621000119104, 72631000119101, 76981000119106, 76991000119109, 23550005, 291831004, 296899001) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS154v11 - Appropriate Treatment for 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
Revised the description to use 'order' instead of 'dispense' to align with the measure logic.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the clinical recommendation statement based on literature review.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the denominator exclusion language to align with the measure logic.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4749
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Revised the logic to exclude patients with an antibiotic that is active before the encounter but is still active the same day of the encounter date.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4749
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429).	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added 136 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 55 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 1 ICD-10-CM code (A04.7) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead

CMS154v11 - Appropriate Treatment for Upper Respiratory Infection (URI)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Comorbid Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1025): Added 8 SNOMED CT codes (1092771000119104, 1144499001, 1149259003, 1153413001, 1153415008, 15984271000119108, 16016231000119109, 16016311000119107) based on review by technical experts, SMEs, and/or public feedback. Deleted 9 SNOMED CT codes (266355005, 77690003, 34320001, 186231006, 203271005, 25042006, 418750009, 59190009, 724502006) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 11 RxNorm codes (1291986, 1650198, 1809083, 2099768, 2122343, 309042, 351121, 757968, 758019, 853019, 861416) based on review by technical experts, SMEs, and/or public feedback. Deleted 94 RxNorm codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1026): Renamed to Preventive Care Services Individual Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1002): Renamed to Initial Hospital Observation Care based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1023): Renamed to Preventive Care Services Initial Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1025): Renamed to Preventive Care Services Established Office Visit, 18 and Up based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1027): Renamed to Preventive Care Services Group Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS155v11 - Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated the description narrative to improve clarity and to align with the measure intent.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population and stratification language to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the initial population and stratifications age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set (2.16.840.1.113883.3.464.1003.101.12.1027): Renamed to Preventive Care Services Group Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.12.1026): Renamed to Preventive Care Services Individual Counseling based on recommended value set naming conventions.	Value Set	Terminology	Annual Update
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 provide more recent evidence to support the measure.	Header	Rationale	Measure Lead
Added language to the clinical recommendation statement to clarify measure intent.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Added definition for 'order' to allow an order to be identified as a prescription order or a prescription refill to meet the measure requirement of two orders.	Header	Definition	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the guidance to clarify that at least two high-risk medications 'from the same drug class' are required, not 'two of the same high-risk medications'.	Header	Guidance	Measure Lead
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Revised the age criteria from 65 at start of measurement period to 67 at end of measurement period to align measure versions across programs to reduce implementation burden.	Header	Multiple Sections	Measure Lead
Added detail within the definition, guidance, and numerator narrative to reflect the addition of high-risk average daily dose criteria to Numerator 1 based on clinical recommendations.	Header	Multiple Sections	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Updated the narrative to define acronyms at first use to improve readability.	Header	Multiple Sections	Measure Lead
Added QDM datatype Diagnosis to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated logic and terminology to align with the measure intent to require at least two high-risk medications 'from the same drug class' as opposed to 'two of the same high-risk medications'.	Logic	Definitions	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the measure to look for refills counting towards numerator compliance by updating the function More Than One Order, and to look for orders occurring on different dates rather than at least 24 hours apart.	Logic	Multiple Sections	Measure Lead
Revised the medication duration calculation method by replacing the approach of counting days during a Medication Order relevantPeriod to the approach of counting Medication Order days supply, which captures the medication duration more accurately.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Added Cumulative Medication Duration Library v1.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Added logic and terminology to reflect the addition of high-risk average daily dose criteria to Numerator 1 based on clinical recommendations.	Logic	Multiple Sections	Measure Lead
Revised the age criteria from 65 at start of measurement period to 67 at end of measurement period to align measure versions across programs to reduce implementation burden.	Logic	Multiple Sections	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Antipsychotic (2.16.840.1.113883.3.464.1003.196.12.1523): Added 8 RxNorm codes (2570392, 2570399, 2570402, 2570405, 2570418, 2570420, 991053, 991332) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Benzodiazepine (2.16.840.1.113883.3.464.1003.196.12.1522): Added 10 RxNorm codes (197653, 197654, 198183, 198317, 198318, 2541170, 2541171, 2569564, 2569573, 2569577) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Seizure Disorder (2.16.840.1.113883.3.464.1003.105.12.1206): Added 3 SNOMED CT codes (191714002, 230455006, 322112361000132104) based on review by technical experts, SMEs, and/or public feedback. Deleted 3 SNOMED CT codes (68448003, 192992007, 77450009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000048) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000064) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000058) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1408) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000070) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000076) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000097) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1000054) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Trimipramine (2.16.840.1.113883.3.464.1003.196.12.1285) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Methyldopa (2.16.840.1.113883.3.464.1003.196.12.1331) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Secobarbital (2.16.840.1.113883.3.464.1003.196.12.1521) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Scopolamine (2.16.840.1.113883.3.464.1003.196.12.1520) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Pyrilamine (2.16.840.1.113883.3.464.1003.196.12.1524) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Protriptyline (2.16.840.1.113883.3.464.1003.196.12.1509) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Propantheline (2.16.840.1.113883.3.464.1003.196.12.1519) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Promethazine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1367) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Phenobarbital (2.16.840.1.113883.3.464.1003.196.12.1348) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Pentobarbital (2.16.840.1.113883.3.464.1003.196.12.1518) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Paroxetine (2.16.840.1.113883.3.464.1003.196.12.1508) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Orphenadrine (2.16.840.1.113883.3.464.1003.196.12.1302) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Nortriptyline (2.16.840.1.113883.3.464.1003.196.12.1507) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Nifedipine (2.16.840.1.113883.3.464.1003.196.12.1353) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (104208) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Trihexyphenidyl (2.16.840.1.113883.3.464.1003.196.12.1334) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (1441565) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307468000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (197606) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396111001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS156v11 - Use of High-Risk Medications in Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code SNOMED CT code (229799001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229798009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396107007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396108002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396109005) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (229797004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307439001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225752000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396125000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (307470009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396127008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225754004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396126004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396139000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed 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 direct reference code SNOMED CT code (396143001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (225756002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396131002) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (396140003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code SNOMED CT code (307469008) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (966793) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (966787) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (393245) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (245273) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (204504) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (198197) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (198196) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code RxNorm code (197604) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Methocarbamol (2.16.840.1.113883.3.464.1003.196.12.1370) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Estropipate (2.16.840.1.113883.3.464.1003.196.12.1319) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Meprobamate (2.16.840.1.113883.3.464.1003.196.12.1284) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Carisoprodol (2.16.840.1.113883.3.464.1003.196.12.1369) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Carbinoxamine (2.16.840.1.113883.3.464.1003.196.12.1306) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Butalbital (2.16.840.1.113883.3.464.1003.196.12.1514) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Butabarbital (2.16.840.1.113883.3.464.1003.196.12.1402) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Brompheniramine (2.16.840.1.113883.3.464.1003.196.12.1427) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Benztropine (2.16.840.1.113883.3.464.1003.196.12.1361) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Atropine (2.16.840.1.113883.3.464.1003.196.12.1274) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Amoxapine (2.16.840.1.113883.3.464.1003.196.12.1273) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Amitriptyline Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1373) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Endocrine system, sulfonylureas, long duration (2.16.840.1.113883.3.464.1003.1059) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Central nervous system, other (2.16.840.1.113883.3.464.1003.1057) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Endocrine system, estrogens with or without progestins (2.16.840.1.113883.3.464.1003.1058) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Central nervous system, barbiturates (2.16.840.1.113883.3.464.1003.1055) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Central nervous system, vasodilators (2.16.840.1.113883.3.464.1003.1056) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Cardiovascular, other (2.16.840.1.113883.3.464.1003.1053) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Central nervous system, antidepressants (2.16.840.1.113883.3.464.1003.1054) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Antithrombotic (2.16.840.1.113883.3.464.1003.1051) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Cardiovascular, alpha agonists, central (2.16.840.1.113883.3.464.1003.1052) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Antispasmodics (2.16.840.1.113883.3.464.1003.1050) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Anticholinergics, anti Parkinson agents (2.16.840.1.113883.3.464.1003.1049) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Reserpine (2.16.840.1.113883.3.464.1003.1044) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Anticholinergics, first generation antihistamines (2.16.840.1.113883.3.464.1003.1043) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Doxepin (2.16.840.1.113883.3.464.1003.1067) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Digoxin (2.16.840.1.113883.3.464.1003.1065) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Pain medications, skeletal muscle relaxants (2.16.840.1.113883.3.464.1003.1062) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Pain medications, other (2.16.840.1.113883.3.464.1003.1063) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Endocrine system, other (2.16.840.1.113883.3.464.1003.1060) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Chlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1352) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Metaxalone (2.16.840.1.113883.3.464.1003.196.12.1358) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Chlorpropamide (2.16.840.1.113883.3.464.1003.196.12.1303) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Clemastine (2.16.840.1.113883.3.464.1003.196.12.1308) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Meperidine (2.16.840.1.113883.3.464.1003.196.12.1351) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Megestrol (2.16.840.1.113883.3.464.1003.196.12.1342) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Meclizine (2.16.840.1.113883.3.464.1003.196.12.1506) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed 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) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Ketorolac Tromethamine (2.16.840.1.113883.3.464.1003.196.12.1364) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Isoxsuprine (2.16.840.1.113883.3.464.1003.196.12.1422) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Indomethacin (2.16.840.1.113883.3.464.1003.196.12.1366) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Imipramine (2.16.840.1.113883.3.464.1003.196.12.1359) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Hyoscyamine (2.16.840.1.113883.3.464.1003.196.12.1501) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Hydroxyzine (2.16.840.1.113883.3.464.1003.196.12.1374) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Guanfacine (2.16.840.1.113883.3.464.1003.196.12.1341) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Glyburide (2.16.840.1.113883.3.464.1003.196.12.1368) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Estradiol (2.16.840.1.113883.3.464.1003.196.12.1365) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS156v11 - Use of High-Risk Medications in Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed value set Esterified Estrogens (2.16.840.1.113883.3.464.1003.196.12.1419) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Doxylamine (2.16.840.1.113883.3.464.1003.196.12.1515) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Disopyramide (2.16.840.1.113883.3.464.1003.196.12.1311) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Dipyridamole (2.16.840.1.113883.3.464.1003.196.12.1349) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1293) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Dimenhydrinate (2.16.840.1.113883.3.464.1003.196.12.1500) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Dicyclomine (2.16.840.1.113883.3.464.1003.196.12.1279) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Dexchlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1300) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Dexbrompheniramine (2.16.840.1.113883.3.464.1003.196.12.1375) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Desipramine (2.16.840.1.113883.3.464.1003.196.12.1278) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Desiccated Thyroid (2.16.840.1.113883.3.464.1003.196.12.1354) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Cyproheptadine (2.16.840.1.113883.3.464.1003.196.12.1277) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Cyclobenzaprine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1372) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Conjugated Estrogens (2.16.840.1.113883.3.464.1003.196.12.1357) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Clomipramine (2.16.840.1.113883.3.464.1003.196.12.1336) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Chlorzoxazone (2.16.840.1.113883.3.464.1003.196.12.1362) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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	Standards/Technical Update
Updated the rationale to align with current evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with current evidence.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised numerator 2 logic to add data element 'Encounter, Performed': 'Radiation treatment management, 5 treatments' with a 'union' clause, providing a lookback period to assist implementers in instances when CPT code 77427 is used or reported.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-4496
Revised definition 'Chemotherapy Within 31 Days Prior and After Measurement Period' to constrain data collection requirements to not exceed the end of the measurement period, and revised definition name to reflect the logic update.	Logic	Definitions	Measure Lead
Changed the QDM datatype representing the classification of Radiation Treatment Management from 'Procedure, Performed' to 'Encounter, Performed' to align the population basis for both populations of the measure and clarify that Population 2 intends to capture the clinician-patient encounter component of the radiation treatment management.	Logic	Multiple Sections	Measure Lead
Revised 'Face to Face or Telehealth Encounter with Ongoing Chemotherapy' logic so that two chemotherapy administrations done on the same day do not satisfy the measure criteria, to align with measure intent.	Logic	Multiple Sections	ONC Project Tracking System (JIRA): CQM-4575
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Cancer (2.16.840.1.113883.3.526.3.1010): Added 13 SNOMED CT codes based on terminology update. Added 3 ICD-10-CM codes (C84.7A, C56.3, C79.63) based on terminology update.	Value Set	Terminology	Annual Update
Added direct reference code CPT code (77427) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS159v11 - 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
Revised formatting and grammar to improve readability.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Replaced reference to 'baseline assessment' with 'index assessment' to align with the phrase used elsewhere in the header and logic.	Header	Guidance	Measure Lead
Added denominator exclusion timeframes to reflect the measure logic.	Header	Denominator Exclusions	Measure Lead
Added clarifying text of 'most recent' depression assessment to align with the logic.	Header	Numerator	Measure Lead
Revised formatting and grammar for improved clarity and readability.	Header	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability.	Logic	Multiple Sections	Measure Lead
Updated logic to use 'let' statement and updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDate' to align with the measure intent.	Logic	Multiple Sections	Measure Lead
Updated denominator exclusion logic related to patients who receive hospice or palliative care to better harmonize with other measures, and restricted the lookback period to begin during the denominator identification period.	Logic	Multiple Sections	ONC Project Tracking System (JIRA): CQM-4194
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code SNOMED CT code (428361000124107) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed two value sets (Palliative Care Encounter 2.16.840.1.113883.3.600.1.1575 and Palliative or Hospice Care 2.16.840.1.113883.3.600.1.1579) and added five value sets (Hospice Care Ambulatory 2.16.840.1.113883.3.526.3.1584, Hospice Encounter 2.16.840.1.113883.3.464.1003.1003, Palliative Care Encounter 2.16.840.1.113883.3.464.1003.101.12.1090, Palliative Care Intervention 2.16.840.1.113883.3.464.1003.198.12.1135, and Encounter Inpatient 2.16.840.1.113883.3.666.5.307) to harmonize with other measures and better identify patients receiving hospice or palliative care for denominator exclusion.	Value Set	Terminology	ONC Project Tracking System (JIRA): CQM-4194
Value set Contact or Office Visit (2.16.840.1.113762.1.4.1080.5): Added 8 CPT codes (99384, 99394, 99385, 99386, 99387, 99395, 99396, 99397) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 CPT code (99201) based on terminology update.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428371000124100) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS159v11 - Depression Remission at Twelve Months

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code LOINC code (71007-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS161v11 - 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 copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated the rationale section to further support measure intent.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the age description in the description, guidance, and initial population statements to better align with measure logic.	Header	Multiple Sections	Measure Lead
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 recently published evidence.	Header	Rationale	Measure Lead
Updated the clinical recommendation statement to align with recently published evidence.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Added blood pressure reading guidance to clarify that numeric results are required.	Header	Guidance	Measure Lead
Removed blood pressure reading guidance not specified in the logic to reduce confusion.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised denominator exclusion narrative from living long term in an institution for more than 90 consecutive days language to living long term in a nursing home to reflect revised logic.	Header	Denominator Exclusions	Measure Lead
Added detail to the frailty and advanced illness exclusion language to clarify the measure requirements.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-4971
Revised the palliative care exclusion language to clarify the timing requirement.	Header	Denominator Exclusions	Measure Lead
Updated grammar and punctuation to improve readability.	Header	Multiple Sections	Measure Lead
Added age anchor specification to the initial population and denominator exclusion descriptions to clarify measure requirements.	Header	Multiple Sections	Measure Lead
Combined AdultOutpatientEncounters.'Qualifying Encounters', 'Online Assessments', and 'Telephone Visits' encounters into a single definition to improve stylistic consistency across measures.	Logic	Initial Population	Measure Lead
Replaced QDM datatype Encounter, Performed with Assessment, Performed and new modeling to improve data capturing of patients receiving long-term care.	Logic	Denominator Exclusions	Measure Lead
Updated the order of appearance of systolic and diastolic blood pressure reading definitions to align with clinical workflow.	Logic	Numerator	Measure Lead
Added QDM datatypes Encounter, Performed and Assessment, Performed and associated logic to the Hospice.'Has Hospice Services' definition to provide additional approaches for identifying patients receiving hospice services.	Logic	Definitions	Measure Lead
Updated the timing precision of advanced illness encounter definitions by replacing the syntax '2 years or less on or before' with an interval.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the order of appearance of systolic and diastolic blood pressure reading definitions to align with clinical workflow.	Logic	Definitions	Measure Lead
Replaced the retired QDM datatype Device, Applied with Assessment, Performed for identifying frailty device usage.	Logic	Definitions	Measure Lead
Replaced QDM datatype Encounter, Performed with Assessment, Performed and new modeling to improve data capturing of patients receiving long-term care.	Logic	Definitions	Measure Lead
Replaced CQL keyword 'ascending' with 'asc' to improve readability.	Logic	Definitions	Measure Lead
Combined AdultOutpatientEncounters.'Qualifying Encounters', 'Online Assessments', and 'Telephone Visits' encounters into a single definition to improve stylistic consistency across measures.	Logic	Definitions	Measure Lead

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added QDM datatype Diagnosis to provide an alternate approach for identifying patients receiving palliative care.	Logic	Definitions	Measure Lead
Updated the version number of the Palliative Care Exclusion Library to v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Hospice Library to v4.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Advanced Illness and Frailty Exclusion ECQM Library to v7.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Adult Outpatient Encounters Library to v3.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the long-term care denominator exclusion logic to improve readability and clarity.	Logic	Multiple Sections	Measure Lead
Revised the initial population and denominator exclusions age anchor from the 'start of the measurement period' to the 'end of the measurement period' to align with the measure intent and CQL style best practices.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code LOINC code (98181-1) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (160734000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (71802-3) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ICD-10-CM code (Z51.5) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) 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): Deleted 2 SNOMED CT codes (30346009, 37894004) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Removed value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Palliative Care Intervention (2.16.840.1.113883.3.464.1003.198.12.1135): Added 3 SNOMED CT codes (305686008, 305824005, 441874000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

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 3 RxNorm codes (1858970, 996572, 996624) 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 108 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Deleted 122 SNOMED CT codes based on terminology update. Added 2 ICD-10-CM codes (C79.63, G35) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Hospice Care Ambulatory (2.16.840.1.113762.1.4.1108.15) with value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584) 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): Deleted 1 SNOMED CT code (459821000124104) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (373066001) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS177v11 - 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 the measure description to add the acronym MDD for clarity.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Standards/Technical Update
Updated the rationale section to further support measure intent.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS249v5 - 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 references.	Header	Reference	Measure Lead
Removed National Institute for Health and Care Excellence (NICE) guidelines that are only applicable to the U.K. Population.	Header	Clinical Recommendation Statement	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Added age anchor specification to the initial population description to clarify measure requirements.	Header	Initial Population	Measure Lead
Updated the grouping category of glucocorticoids risk factor to reflect the timing requirement to improve readability and provide clarity.	Header	Denominator Exclusions	Measure Lead
Added exclusion risk factors associated with increased risk for osteoporosis based on recent evidence and stakeholder support.	Header	Denominator Exclusions	Measure Lead
Revised the timing requirement to align the onset of osteoporosis and osteopenia to prior to the measurement period.	Header	Denominator Exclusions	Measure Lead
Added new osteoporosis risk assessment tools to identify patients with increased risk for osteoporosis to align with USPSTF clinical recommendations.	Header	Multiple Sections	Measure Lead
Removed patients with qualifying risk assessment scores from the numerator exclusions instead of from the denominator exclusions to align with the measure intent.	Header	Multiple Sections	Measure Lead
Removed age combination risk factors 'race' and 'smoking status' and retained all others as independent risk factors to simplify the measure specification per the addition of new risk assessment tools.	Header	Multiple Sections	Measure Lead
Updated glucocorticoid active medication duration calculation to accurately capture total days covered by the period instead of 24-hour durations.	Logic	Definitions	Measure Lead
Updated the timing precision in the definitions from datetime to date by adding 'day of', 'date from', and/or function 'ToDateInterval' to align with the measure intent.	Logic	Definitions	Measure Lead
Updated the grouping category of glucocorticoids risk factor to reflect the timing requirement to improve readability.	Logic	Definitions	Measure Lead
Revised the timing requirement to align the onset of osteoporosis and osteopenia to prior to the measurement period.	Logic	Definitions	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429).	Logic	Definitions	Measure Lead
Added QDM datatypes 'Diagnosis' and 'Procedure, Performed' to capture additional exclusion risk factors associated with increased risk for osteoporosis based on recent evidence and stakeholder support.	Logic	Multiple Sections	Measure Lead
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the timing precision in the definitions to align with the measure intent by replacing 'starts before' to 'starts on or before'.	Logic	Multiple Sections	Measure Lead
Revised logic to remove patients with qualifying risk assessment scores from numerator exclusions instead of from denominator exclusions to align with revised narrative and clinical recommendations.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update

CMS249v5 - 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
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Revised the age interval to use closed intervals within the logic to align with CQL style best practices.	Logic	Multiple Sections	Measure Lead
Removed age combination risk factors logic and retained all as independent risk factors except for 'race' and 'smoking status' to reflect the revised narrative.	Logic	Multiple Sections	Measure Lead
Added new 'Assessment, Performed' logic to account for new osteoporosis risk assessment tools to align with revised narrative and clinical recommendations.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Value set Chronic Liver Disease (2.16.840.1.113883.3.464.1003.199.12.1035): Added 1 SNOMED CT code (1010616001) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 ICD-10-CM code (K74.0) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Osteoporosis (2.16.840.1.113883.3.464.1003.113.12.1038): Added 39 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hyperparathyroidism (2.16.840.1.113883.3.464.1003.117.12.1016): Added 1 SNOMED CT code (190045361000119101) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Malabsorption Syndromes (2.16.840.1.113883.3.464.1003.199.12.1050): Added 5 SNOMED CT codes (453720571000119100, 721702009, 880001008, 966011731000119103, 969688801000119108) based on review by technical experts, SMEs, and/or public feedback. Deleted 1 ICD-10-CM code (K90.4) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Marfan's Syndrome (2.16.840.1.113883.3.464.1003.113.12.1048): Added 1 SNOMED CT code (1003407000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Osteogenesis Imperfecta (2.16.840.1.113883.3.464.1003.113.12.1044): Added 1 SNOMED CT code (1003379004) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Rheumatoid Arthritis (2.16.840.1.113883.3.464.1003.113.12.1005): Added 65 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (7771000) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Type 1 Diabetes (2.16.840.1.113883.3.464.1003.103.12.1020): Deleted 8 ICD-10-CM codes (E10.321, E10.329, E10.331, E10.339, E10.341, E10.349, E10.351, E10.359) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set Female (2.16.840.1.113883.3.560.100.2) with direct reference code AdministrativeGender code (F) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (98133-2) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS249v5 - 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
Added direct reference code LOINC code (98139-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set White (2.16.840.1.113883.3.464.1003.123.12.1007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Ehlers Danlos Syndrome (2.16.840.1.113883.3.464.1003.113.12.1047): Deleted 1 ICD-10-CM code (Q79.6) based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Removed value set Current Tobacco Smoker (2.16.840.1.113883.3.600.2390) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Major Transplant (2.16.840.1.113883.3.464.1003.198.12.1075) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Chemotherapy (2.16.840.1.113883.3.526.3.485) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Replaced value set BMI Ratio (2.16.840.1.113883.3.600.1.1490) with direct reference code LOINC code (39156-5) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Measure Lead
Replaced value set Average Number of Drinks per Drinking Day (2.16.840.1.113883.3.464.1003.106.12.1018) with direct reference code LOINC code (11287-0) based on applicability of a single code to represent clinical data.	Value Set	Terminology	Measure Lead
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (98146-4) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Amenorrhea (2.16.840.1.113883.3.464.1003.1022) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Bone Marrow Transplant (2.16.840.1.113883.3.666.5.336) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Evidence of Bilateral Oophorectomy (2.16.840.1.113883.3.464.1003.1048) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Unilateral Oophorectomy Left (2.16.840.1.113883.3.464.1003.1028) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Bilateral Oophorectomy (2.16.840.1.113883.3.526.3.471) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Unilateral Oophorectomy Right (2.16.840.1.113883.3.464.1003.1032) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Multiple Myeloma (2.16.840.1.113883.3.464.1003.1011) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Unilateral Oophorectomy, Unspecified Laterality (2.16.840.1.113883.3.464.1003.1035) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS249v5 - 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
Added value set Premature Menopause (2.16.840.1.113883.3.464.1003.1013) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added value set Eating Disorders (2.16.840.1.113883.3.464.1003.1039) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed value set Tobacco Use Screening (2.16.840.1.113883.3.526.3.1278) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (24028007) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS347v6 - 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 copyright.	Header	Copyright	Annual Update
Updated references.	Header	Reference	Measure Lead
Added Ezetimibe/Rosuvastatin (Roszet), a new fixed-dose combination statin, to the Statin Medication Therapy List to align with measure intent.	Header	Definition	Measure Lead
Added guidance for conversion of LDL value to milligrams per deciliter (mg/dL) for consistency with numerator logic requirements.	Header	Guidance	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Removed diagnosis of pregnancy as a denominator exclusions to align with the new FDA recommendations.	Header	Denominator Exclusions	Expert Work Group Review
Added exception for documentation of a medical reason for not being prescribed statin therapy to align with guidelines.	Header	Denominator Exceptions	Expert Work Group Review
Updated grammar, wording, and formatting to improve readability and consistency.	Header	Multiple Sections	Measure Lead
Updated narrative description, rate aggregation, and guidance to clarify the intent to look for only active diagnoses of atherosclerotic cardiovascular disease (ASCVD).	Header	Multiple Sections	Expert Work Group Review
Removed 'Diagnosis': 'Pregnancy or Other Related Diagnoses' to align with the new FDA recommendations.	Logic	Denominator Exclusions	Expert Work Group Review
Replaced the 'Has Order for or Receiving Hospice Care or Palliative Care' definition with Hospice and Palliative Care shared libraries and QDM datatypes for consistency and to reduce clinician and implementer burden.	Logic	Denominator Exclusions	Measure Lead
Added 'Has Medical Reason for Not Ordering Statin Therapy' to align with guidelines and for consistency with other eCQMs.	Logic	Denominator Exceptions	Expert Work Group Review
Replaced value set Preventive Care Services Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429).	Logic	Definitions	Measure Lead
Replaced the 'Has Order for or Receiving Hospice Care or Palliative Care' definition with Hospice and Palliative Care libraries and QDM datatypes for consistency and to reduce clinician and implementer burden.	Logic	Definitions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Added Hospice Library v4.0.000.	Logic	Multiple Sections	Measure Lead
Added Palliative Care Exclusion Library v2.0.000.	Logic	Multiple Sections	Measure Lead
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Revised measure logic to look for only active diagnoses of atherosclerotic cardiovascular disease (ASCVD), as inactive diagnoses do not represent high-risk of cardiovascular event.	Logic	Multiple Sections	Expert Work Group Review

CMS347v6 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted 24 ICD-10-CM codes based on validity of code during timing of look back period.	Value Set	Terminology	Measure Lead
Value set Cerebrovascular Disease, Stroke, TIA (2.16.840.1.113762.1.4.1047.44): Deleted 1 SNOMED CT code (288723005) based on terminology update.	Value Set	Terminology	Annual Update
Value set Liver Disease (2.16.840.1.113762.1.4.1047.42): Deleted 1 SNOMED CT code (197279005) based on terminology update.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT code (428361000124107) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code SNOMED CT code (428371000124100) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set Moderate Intensity Statin Therapy (2.16.840.1.113883.3.526.3.1575): Added 2 RxNorm codes (2535747, 2535750) based on terminology update.	Value Set	Terminology	Annual Update
Added direct reference code LOINC code (71007-9) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (45755-6) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Hospice Care Ambulatory (2.16.840.1.113883.3.526.3.1584): Added 3 SNOMED CT codes (170935008, 170936009, 305911006) based on review by technical experts, SMEs, and/or public feedback. Added 2 CPT codes (99377, 99378) based on review by technical experts, SMEs, and/or public feedback. Added 1 HCPCS code (G0182) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Statin Allergen (2.16.840.1.113762.1.4.1110.42): Added 1 SNOMED CT code (96302009) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set CABG Surgeries (2.16.840.1.113883.3.666.5.694): Added 17 ICD-10-PCS codes based on review by technical experts, SMEs, and/or public feedback. Deleted 1 SNOMED CT code (309814006) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Myocardial Infarction (2.16.840.1.113883.3.526.3.403): Added 23 SNOMED CT codes based on terminology update. Deleted 1 SNOMED CT code (371068009) based on terminology update.	Value Set	Terminology	Annual Update
Removed value set Pregnancy or Other Related Diagnoses (2.16.840.1.113883.3.600.1.1623) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Removed value set Palliative or Hospice Care (2.16.840.1.113883.3.600.1.1579) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Medical Reason (2.16.840.1.113883.3.526.3.1007) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS347v6 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307) 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 Hospice Encounter (2.16.840.1.113883.3.464.1003.1003) 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 SNOMED CT code (373066001) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Value set High Intensity Statin Therapy (2.16.840.1.113883.3.526.3.1572): Added 2 RxNorm codes (2535745, 2535749) based on terminology update.	Value Set	Terminology	Annual Update
Replaced value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030) with direct reference code CPT code (99429) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS349v5 - 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 the measure description to spell out the acronym HIV for clarity.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Revised formatting of text for improved readability.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Replaced the Global.CalendarAgeInYearsAt function with the native CQL function AgeInYearsAt to take advantage of existing CQL features and increase human readability. As a result of this change, the LOINC code 21112-8 is no longer required and has been removed from the Terminology section of the human readable specification.	Logic	Multiple Sections	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Replaced value set Indicators of Human Immunodeficiency Virus (HIV) (2.16.840.1.113762.1.4.1056.54) with value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Removed direct reference code LOINC code (21112-8) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS645v6 - 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	Annual Update
Updated copyright.	Header	Copyright	Annual Update
Removed reference to a value set within the definition to point to the terminology section as the source of truth.	Header	Definition	Measure Lead
Updated grammar and formatting to improve readability.	Header	Definition	Measure Lead
Revised grammar in reference to First Androgen Deprivation Therapy.	Header	Definition	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Revised the narrative to better align with the logic.	Header	Denominator Exceptions	Measure Lead
Added definition 'First ADT During Measurement Period and Order for 12 Months of ADT During Measurement Period' to correctly capture the initial population, and properly anchor the first ADT and the order for intended 12 months of treatment.	Logic	Definitions	Measure Lead
Replaced definition 'Androgen Deprivation Therapy Start Date With Prostate Cancer And Intended 12 Months Therapy' definition and logic to accurately capture measure intent of linking the ADT, prostate cancer diagnosis, and the provider's intention to continue treatment for 12 months.	Logic	Definitions	Measure Lead
Revised the timing in the 'Prostate Cancer Diagnosis' definition by replacing the timing of 'same day or before end' with 'overlaps' to anchor the timing of prostate cancer to the measurement period.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-4761
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Replaced value set Patient Declined (2.16.840.1.113883.3.600.791) with value set Patient Declined (2.16.840.1.113883.3.526.3.1582) based on new or changed coding guidelines.	Value Set	Terminology	Annual Update

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 citations to align with APAv6 Style Guide standards.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated grammar, punctuation, and formatting to improve readability.	Header	Multiple Sections	Measure Lead
Restructured denominator exclusion definitions into a group to streamline by combining definitions with the same timing.	Logic	Definitions	Measure Lead
Removed one set of open brackets from each exclusion definition to comply with the CQL Style Guide.	Logic	Definitions	Measure Lead
Revised timing from 'end Measurement Period' to 'end of Measurement Period' in the 'Bladder Cancer Diagnoses' definition to improve readability.	Logic	Definitions	Measure Lead
Replaced 'Bladder Cancer Diagnoses' definition in the initial population with 'First Bladder Cancer Staging Procedure during Measurement Period' to align with measure intent to capture patients whose first bladder cancer staging occurred during the measurement period.	Logic	Definitions	Measure Lead
Updated the names of CQL definitions, functions, and/or aliases for clarification and to align with the CQL Style Guide.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Replaced direct reference code SNOMED CT code (258232002) with direct reference code SNOMED CT code (254292007).	Logic	Multiple Sections	Measure Lead
Updated logic using the new QDM 5.6 'Encounter, Performed' class attribute to exclude telehealth (or virtual) encounters using the logical representation (class !~ virtual), for measures containing telehealth-eligible codes, where telehealth is not appropriate. For more information, please refer to the 2023 Telehealth Guidance document.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Value set Immunocompromised Conditions (2.16.840.1.113883.3.666.5.1940): Deleted 1 SNOMED CT code (404145009) based on new or changed coding guidelines. Deleted 1 ICD-10-CM code (D84.8) based on new or changed coding guidelines.	Value Set	Terminology	Annual Update
Replaced direct reference code SNOMED CT code (258232002) with direct reference code SNOMED CT code (254292007) based on terminology updates and 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 13 SNOMED CT codes based on review by technical experts, SMEs, and/or public feedback. Added 6 ICD-10-CM codes (O98.711, O98.712, O98.713, O98.719, O98.72, O98.73) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Added direct reference code ActCode code (VR) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead

CMS771v4 - 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
Defined LUTS acronym as 'lower urinary tract symptoms' with the first usage to improve clarity.	Header	Clinical Recommendation Statement	Measure Lead
Updated version number of the Quality Data Model (QDM) used in the measure specification to v5.6.	Header	Guidance	Standards/Technical Update
Updated the header to reflect CDC guidelines that describe Morbid Obesity as greater than or equal to 40 kg/m2.	Header	Denominator Exclusions	Expert Work Group Review
Updated the logic to reflect current CDC guidelines that describe Morbid Obesity as greater than or equal to 40 kg/m2.	Logic	Definitions	Expert Work Group Review
Updated logic using the new QDM 5.6 'Encounter, Performed' class attribute to exclude telehealth (or virtual) encounters using the logical representation (class !~ virtual), for measures containing telehealth-eligible codes, where telehealth is not appropriate. For more information, please refer to the 2023 Telehealth Guidance document.	Logic	Multiple Sections	Standards/Technical Update
Updated the version number of the Measure Authoring Tool (MAT) Global Common Functions Library to v7.0.000.	Logic	Multiple Sections	Standards/Technical Update
Updated the version of the Quality Data Model (QDM) to 5.6 and Clinical Quality Language (CQL) to 1.5.	Logic	Multiple Sections	Standards/Technical Update
Added direct reference code ActCode code (VR) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead