

Technical Release Notes: 2020 Performance Period Electronic Clinical Quality Measures (eCQMs) for Eligible Professionals and Eligible Clinicians

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CMS2v9 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated description statement to include depression screenings performed 14 days prior to the encounter to allow alternative methods of depression screenings, such as pre-screenings within EHRs, to more closely align with the measure intent.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement to reflect current literature, and to align with clinical guideline recommendations and Healthy People 2020.	Header	Rationale	Expert Work Group Review
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Added guidance statements for: 1) Timing of the qualified depression screening encounter, and 2) Follow-up for positive pre-screening results to provide clarity and more closely align with the measure intent.	Header	Guidance	Measure Lead
Updated numerator statement to include depression screenings performed 14 days prior to the encounter to allow alternative methods of depression screenings, such as pre-screenings within EHRs, to more closely align with the measure intent.	Header	Numerator	Measure Lead
Added denominator exceptions statement for situations where a patient's cognitive capacity, functional capacity or motivation to improve may impact the accuracy of results of standardized depression assessment tools to align with American College of Physicians recommendation.	Header	Denominator Exceptions	Expert Work Group Review
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Replaced 'Intervention, Performed' with 'Assessment, Performed' to align with Quality Data Model (QDM) v5.4 changes.	Logic	Initial Population	Measure Lead
Updated numerator logic to include depression screenings performed 14 days prior to the encounter to allow alternative methods of depression screenings, such as pre-screenings within EHRs, to more closely align with the measure intent.	Logic	Numerator	Measure Lead
Replaced 'Intervention, Performed' with 'Assessment, Performed' to align with Quality Data Model (QDM) v5.4 changes.	Logic	Numerator	Measure Lead
Replaced 'Intervention, Performed' with 'Assessment, Performed' to align with Quality Data Model (QDM) v5.4 changes.	Logic	Denominator Exceptions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Depression Screening Encounter Codes (2.16.840.1.113883.3.600.1916): Added 11 CPT codes (96105, 96110, 96112, 96125, 96136, 96138, 99078, 99401, 99402, 99403, 99404) and deleted 1 CPT code (96118). Deleted 10 SNOMED CT codes (108250004, 252592009, 274803000, 30346009, 37894004, 277404009, 43362002, 48423005, 67533008, 91573000).	Value Set	Terminology	Annual Update

CMS2v9 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Bipolar Diagnosis (2.16.840.1.113883.3.600.450): Deleted 2 SNOMED CT codes (191632009, 61771000119106).	Value Set	Terminology	Annual Update
Value set Depression medications - adolescent (2.16.840.1.113883.3.600.469): Added 40 RxNorm codes.	Value Set	Terminology	Annual Update
Value set Depression medications - adult (2.16.840.1.113883.3.600.470): Deleted 2 RxNorm codes (199820, 313497).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS22v8 - 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 eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Added reason for referral 'Finding of Elevated Blood Pressure or Hypertension' to the CQL definition 'Referral to Alternate Provider' to reflect intended functionality and correct a prior logic omission. This logic change includes the addition of a new value set Finding of Elevated Blood Pressure or Hypertension (2.16.840.1.113762.1.4.1047.514).	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3129
Added 'exists' to CQL definitions 'Follow Up One Year' and 'Hypertensive Interventions at Most Recent Blood Pressure Encounter' to clarify the logic and reflect intended functionality; to return a true/false value rather than a potential list of interventions.	Logic	Definitions	Measure Lead
Removed 'exists' and/or 'is not null' from definitions 'Has First Hypertensive Reading With Interventions,' 'Has Prehypertensive Reading With Interventions,' and 'Has Second Hypertensive Reading With Intervention' to clarify the logic and reflect intended functionality; removing the possibility of meeting the numerator criteria without fulfilling all of the intended conditions.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-3546
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set Anti-Hypertensive Pharmacologic Therapy (2.16.840.1.113883.3.600.1476): Added 8 RxNorm codes (197956, 197958, 199797, 199798, 199799, 353386, 353387, 827073) and deleted 4 RxNorm codes (858593, 885880, 897719, 904561).	Value Set	Terminology	Annual Update
Value set BP Screening Encounter Codes (2.16.840.1.113883.3.600.1920): Deleted 2 SNOMED CT codes (30346009, 37894004). Added 7 CDT codes (D7111, D7220, D7230, D7240, D7241, D7250, D7251).	Value Set	Terminology	Annual Update

CMS22v8 - 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 Diagnosis of hypertension (2.16.840.1.113883.3.600.263): Deleted 1 SNOMED CT code (185717000).	Value Set	Terminology	Annual Update
Value set Dietary Recommendations (2.16.840.1.113883.3.600.1515): Added 7 SNOMED CT codes (289176001, 289177005, 437211000124103, 437231000124109, 437391000124102, 437421000124105, 438961000124108).	Value Set	Terminology	Annual Update
Value set Finding of Elevated Blood Pressure or Hypertension (2.16.840.1.113762.1.4.1047.514): Added Finding of Elevated Blood Pressure or Hypertension grouping value set, including SNOMED CT extensional value set (2.16.840.1.113762.1.4.1047.513), ICD-10-CM extensional value set (2.16.840.1.113762.1.4.1047.512), and SNOMED CT extensional value set (2.16.840.1.113883.3.600.2395). This grouping value set is used to define a reason for referral (attribute) in the Clinical Quality Language (CQL) logic.	Value Set	Terminology	ONC Project Tracking System (JIRA): CQM-3129
Value set Physical Activity Recommendation (2.16.840.1.113883.3.600.1518): Deleted ICD-9-CM extensional value set (2.16.840.1.113883.3.600.1517), including 1 ICD-9-CM code (V65.41).	Value Set	Terminology	Annual Update

CMS50v8 - Closing the Referral Loop: Receipt of Specialist Report

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated definition statement to clarify what constitutes a consultant report.	Header	Definition	Measure Lead
Updated guidance statement to clarify the referral process and action measured to improve alignment with measure intent.	Header	Guidance	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Merged Quality Data Model (QDM) Communication Datatypes to a single Datatype 'Communication, Performed.'	Logic	Numerator	Standards Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Value set Consultant Report (2.16.840.1.113883.3.464.1003.121.12.1006): Added LOINC extensional value set (2.16.840.1.113883.11.20.9.31) including 193 codes.	Value Set	Terminology	Annual Update
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1771) including 4 codes.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS52v8 - HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated and created definitions related to CD4 Count Tests to include oral clindamycin and primaquine for population 1 to align with guidelines for this age group.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3146
Updated Numerator 3 to align with logic in other numerators that allow for 'Medication, Order' OR 'Medication Active.'	Logic	Numerator	Measure Lead
Replaced definition 'less than 3 month' with 'occurs 3 months or less' in the denominator exceptions for Population 1.	Logic	Denominator Exceptions	ONC Project Tracking System (JIRA): CQM-3112
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set (2.16.840.1.113883.3.464.1003.121.12.1004): Renamed to CD4 Count.	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.121.12.1005): Renamed to CD4 Percentage.	Value Set	Terminology	Annual Update
Value set HIV 1 (2.16.840.1.113883.3.464.1003.120.12.1004): Added 53 SNOMED CT codes and deleted 1 SNOMED CT code (79019005).	Value Set	Terminology	Annual Update
Value set Oral Clindamycin (2.16.840.1.113883.3.464.1003.196.12.1511): Added Oral Clindamycin.	Value Set	Terminology	Annual Update
Value set Leucovorin (2.16.840.1.113883.3.464.1003.196.12.1205): Removed Leucovorin.	Value Set	Terminology	Annual Update
Replaced Dapsone and Pyrimethamine (2.16.840.1.113883.3.464.1003.196.12.1202) with direct reference code RxNorm code (904170).	Value Set	Terminology	Annual Update
Added intravenous and parental pentamidine to the Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis (2.16.840.1.113883.3.464.1003.196.12.1076) value set as related to all 3 numerators; Added 2 RxNorm codes (198229, 861601). Added direct reference code 'Primaquine Phosphate 26.3 MG Oral Tablet' (RxNorm Code (904170)) and created 'Oral Clindamycin' (2.16.840.1.113883.3.464.1003.196.12.1511) as related to numerator 1 value set to align with guidelines for this age group.	Value Set	Terminology	ONC Project Tracking System (JIRA): CQM-3146
Replaced Dapsone and Pyrimethamine (2.16.840.1.113883.3.464.1003.196.12.1202) with direct reference code RxNorm code (904170).	Value Set	Terminology	Annual Update

CMS52v8 - HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eQCM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eQCMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eQCM value set files.	Value Set	Terminology	Measure Lead

CMS56v8 - Functional Status Assessment for Total Hip Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement to correct grammatical errors for clarity and to improve alignment across measures.	Header	Guidance	Measure Lead
Updated multiple sections in header by defining acronyms and correcting grammatical errors for clarity.	Header	Multiple Sections	ONC Project Tracking System (JIRA): CQM-3114
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added logic to capture functional status assessments using the same tool before and after the procedure to improve alignment with measure intent.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3114
Replaced Numerator definitions 'Total Hip Arthroplasty with Initial Assessment' and 'Hip Assessment 270 to 365 Days after Total Hip Arthroplasty Procedure' with 'Assessed Initial and Followup HOOS with THA', 'Assessed Initial and Followup HOOSJr with THA', 'Assessed Initial and Followup PROMIS10 with THA', 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Orthogonal with THA' to capture functional status assessments using the same tool before and after the procedure to improve alignment with measure intent.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-3114
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Replaced value set VR12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with direct reference codes (LOINC codes (72026-8, 72028-4)).	Value Set	Terminology	Annual Update
Replaced value set VR12 Physical Component T Score (2.16.840.1.113883.3.464.1003.118.12.1176) with direct reference codes (LOINC codes (72025-0, 72027-6)).	Value Set	Terminology	Annual Update
Replaced value set PROMIS 10 Global Mental Health Score (2.16.840.1.113883.3.464.1003.118.12.1138) with direct reference code (LOINC code (71969-0)).	Value Set	Terminology	Annual Update
Replaced value set PROMIS 10 Global Physical Health Score (2.16.840.1.113883.3.464.1003.118.12.1139) with direct reference code (LOINC Code (71971-6)).	Value Set	Terminology	Annual Update
Value set Primary THA Procedure (2.16.840.1.113883.3.464.1003.198.12.1006): Deleted 1 SNOMED CT code (55423004).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update

CMS56v8 - Functional Status Assessment for Total Hip Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS66v8 - Functional Status Assessment for Total Knee Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement to correct grammatical errors for clarity and to improve alignment across measures.	Header	Guidance	Measure Lead
Updated denominator statement by capitalizing 'initial population' to align with other measures.	Header	Denominator	Measure Lead
Updated numerator exclusions statement by capitalizing the word 'Applicable' to align with other measures.	Header	Numerator Exclusions	Measure Lead
Updated multiple sections in header by defining acronyms and correcting grammatical errors for clarity.	Header	Multiple Sections	ONC Project Tracking System (JIRA): CQM-3114
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added logic to capture functional status assessments using the same tool before and after the procedure to improve alignment with measure intent.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3114
Replaced numerator definitions 'Total Knee Arthroplasty with Initial Assessment' and 'Knee Assessment 270 to 365 Days after Total Knee Arthroplasty Procedure' with 'Assessed Initial and Follow up KOOS with TKA', 'Assessed Initial and Follow up KOOSJr with TKA', 'Assessed Initial and Follow up PROMIS10 with TKA', 'Assessed Initial and Follow up VR12 Oblique with TKA', and 'Assessed Initial and Follow up VR12 Orthogonal with TKA' to capture functional status assessments using the same tool before and after the procedure to improve alignment with measure intent.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-3114
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Replaced value set VR12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with direct reference codes (LOINC codes (72026-8, 72028-4)).	Value Set	Terminology	Annual Update
Replaced value set VR12 Physical Component T Score (2.16.840.1.113883.3.464.1003.118.12.1176) with direct reference codes (LOINC codes (72025-0, 72027-6)).	Value Set	Terminology	Annual Update
Replaced value set PROMIS 10 Global Mental Health Score (2.16.840.1.113883.3.464.1003.118.12.1138) with direct reference code (LOINC code (71969-0)).	Value Set	Terminology	Annual Update
Replaced value set PROMIS 10 Global Physical Health Score (2.16.840.1.113883.3.464.1003.118.12.1139) with direct reference code (LOINC code (71971-6)).	Value Set	Terminology	Annual Update

CMS66v8 - Functional Status Assessment for Total Knee Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Activities of Daily Living Score (2.16.840.1.113883.3.464.1003.118.12.1153) with direct reference code (LOINC code (72100-1)).	Value Set	Terminology	Annual Update
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Pain Score (2.16.840.1.113883.3.464.1003.118.12.1180) with direct reference code (LOINC code (72102-7)).	Value Set	Terminology	Annual Update
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Sport Recreation Score (2.16.840.1.113883.3.464.1003.118.12.1152) with direct reference code (LOINC code (72099-5)).	Value Set	Terminology	Annual Update
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Symptoms Score (2.16.840.1.113883.3.464.1003.118.12.1182) with direct reference code (LOINC code (72101-9)).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS68v9 - Documentation of Current Medications in the Medical Record

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement based on recent literature.	Header	Rationale	Measure Lead
Updated clinical recommendation statement to align with updated clinical guidelines.	Header	Clinical Recommendation Statement	Expert Work Group Review
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Medications Encounter Code Set (2.16.840.1.113883.3.600.1.1834): Deleted 2 SNOMED CT codes (30346009, 37894004).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS69v8 - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement to align with recent literature.	Header	Rationale	Expert Work Group Review
Updated clinical recommendation statement to align with updated clinical guideline.	Header	Clinical Recommendation Statement	Expert Work Group Review
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic changes.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-3133
Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving palliative or hospice care' to align with the measure intent.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-3023
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, Order' for Above and Below Normal Follow-Up Interventions, and a 'union' operator of 'Intervention, Not Performed' for each 'Intervention, Not Ordered' for Above and Below Normal Follow-up Interventions not done due to a medical reason, to meet the measure intent.	Logic	Multiple Sections	ONC Project Tracking System (JIRA): CQM-2903
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set BMI Encounter Code Set (2.16.840.1.113883.3.600.1.1751): Deleted 2 SNOMED CT codes (30346009, 37894004). Added 7 CDT codes (D7111, D7220, D7230, D7240, D7241, D7250, D7251).	Value Set	Terminology	Annual Update
Value set Below Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added 7 HCPCS codes (97802, 97803, 97804, 98960, 99078, 99401, 99402) and deleted 1 HCPCS code (G8418).	Value Set	Terminology	Annual Update
Value set Above Normal Follow-Up (2.16.840.1.113883.3.600.1.1525): Added Gastric Procedures CPT extensional value set (2.16.840.1.113762.1.4.1047.515) including 16 codes. Deleted 16 CPT codes from Above Normal f/u CPT extensional value set (2.16.840.1.113883.3.600.1.1524).	Value Set	Terminology	Measure Lead
Changed the value set name from 'Palliative Care' to 'Palliative or Hospice Care' (2.16.840.1.113883.3.600.1.1579) to align with the measure intent.	Value Set	Terminology	ONC Project Tracking System (JIRA): CQM-3023
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS74v9 - Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated numerator statement to include a timing component to provide clarity.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS75v8 - Children Who Have Dental Decay or Cavities

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated numerator statement to include a timing component to provide clarity.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Dental Caries (2.16.840.1.113883.3.464.1003.125.12.1004): Added 9 SNOMED CT codes (768639006, 768641007, 768643005, 768646002, 768649009, 768653006, 769017001, 769020009, 769021008).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS82v7 - Maternal depression screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS90v9 - Functional Status Assessments for Congestive Heart Failure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated guidance statement for clarity and to improve alignment across measures.	Header	Guidance	Measure Lead
Updated numerator statement with addition of the KCCQ-12 tool to the list of functional status assessment tools to align with logic changes based on updated clinical guidelines.	Header	Numerator	ONC Project Tracking System (JIRA): CQM-3182
Updated numerator statement with addition of the Minnesota Living with Heart Failure Questionnaire (MLHQF) tool to the list of functional status assessment tools to align with logic changes.	Header	Numerator	Measure Lead
Updated multiple sections in header by defining acronyms and correcting grammatical errors for clarity.	Header	Multiple Sections	ONC Project Tracking System (JIRA): CQM-3114
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added logic to capture functional status assessments using the same tool for the initial and follow-up assessment to improve alignment with measure intent.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3114
Added logic to capture initial and follow-up functional status assessments using the KCCQ-12 tool to align with updated clinical guidelines.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3182
Added logic to capture initial and follow-up functional status assessments using the Minnesota Living with Heart Failure Questionnaire (MLHQF) tool to improve alignment with measure intent.	Logic	Numerator	Measure Lead
Replaced Numerator definitions 'Initial Congestive Heart Failure Functional Assessment' and 'Follow-up Congestive Heart Failure Functional Assessment' with 'Assessed Initial and Follow-up PROMIS10', 'Assessed Initial and Follow-up PROMIS29', 'Assessed Initial and Follow-up VR12 Oblique', 'Assessed Initial and Follow-up VR12 Orthogonal', 'Assessed Initial and Follow-up VR36 Oblique', 'Assessed Initial and Follow-up VR36 Orthogonal', 'Assessed Initial and Follow-up MLHFQ', 'Assessed Initial and Follow-up KCCQ12', and 'Assessed Initial and Follow-up KCCQ' to capture initial and follow-up functional status assessments using the same tool to improve alignment with measure intent.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-3114
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update

CMS90v9 - Functional Status Assessments for Congestive Heart Failure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eQOM value set files.	Value Set	Terminology	Measure Lead
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Deleted 4 ICD-10-CM codes (I50.810, I50.811, I50.812, I50.813). Added 33 SNOMED CT codes and deleted 10 SNOMED CT codes (10335000, 128404006, 277639002, 359617009, 367363000, 426012001, 5053004, 60856006, 66989003, 80479009).	Value Set	Terminology	Annual Update
Replaced value set KCCQ Physical Limitation Score (2.16.840.1.113883.3.464.1003.118.12.1220) with direct reference code LOINC code (72195-1).	Value Set	Terminology	Annual Update
Replaced value set KCCQ Self Efficacy Score (2.16.840.1.113883.3.464.1003.118.12.1221) with direct reference code LOINC code (72190-2).	Value Set	Terminology	Annual Update
Replaced value set KCCQ Social Limitation Score (2.16.840.1.113883.3.464.1003.118.12.1222) with direct reference code LOINC code (72196-9).	Value Set	Terminology	Measure Lead
Replaced value set KCCQ Total Symptom Score (2.16.840.1.113883.3.464.1003.118.12.1223) with direct reference code LOINC code (72191-0).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 10 Global Mental Health Score (2.16.840.1.113883.3.464.1003.118.12.1138) with direct reference code LOINC code (71969-0).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 10 Global Physical Health Score (2.16.840.1.113883.3.464.1003.118.12.1139) with direct reference code LOINC code (71971-6).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Anxiety Score (2.16.840.1.113883.3.464.1003.118.12.1216) with direct reference code LOINC code (71967-4).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Depression Score (2.16.840.1.113883.3.464.1003.118.12.1215) with direct reference code LOINC code (71965-8).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Fatigue Score (2.16.840.1.113883.3.464.1003.118.12.1214) with direct reference code LOINC code (71963-3).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Pain Interference Score (2.16.840.1.113883.3.464.1003.118.12.1213) with direct reference code LOINC code (71961-7).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Physical Function Score (2.16.840.1.113883.3.464.1003.118.12.1212) with direct reference code LOINC code (71959-1).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Sleep Disturbance Score (2.16.840.1.113883.3.464.1003.118.12.1211) with direct reference code LOINC code (71955-9).	Value Set	Terminology	Measure Lead
Replaced value set PROMIS 29 Social Roles Score (2.16.840.1.113883.3.464.1003.118.12.1217) with direct reference code LOINC code (71957-5).	Value Set	Terminology	Measure Lead
Replaced value set VR 12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with direct reference code LOINC codes (72026-8, 72028-4).	Value Set	Terminology	Measure Lead
Replaced value set VR12 Physical Component T Score (2.16.840.1.113883.3.464.1003.118.12.1176) with direct reference code LOINC codes (72025-0, 72027-6).	Value Set	Terminology	Measure Lead
Replaced value set VR 36 Mental Component Summary (MCS) Score (2.16.840.1.113883.3.464.1003.118.12.1225) with direct reference code LOINC codes (71990-6, 72008-6).	Value Set	Terminology	Measure Lead
Replaced VR 36 Physical Component Summary (PCS) Score (2.16.840.1.113883.3.464.1003.118.12.1226) with direct reference code LOINC codes (71989-8, 72007-8).	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (85609-6).	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (86924-8).	Value Set	Terminology	Measure Lead

CMS90v9 - Functional Status Assessments for Congestive Heart Failure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Added direct reference code LOINC code (86923-0).	Value Set	Terminology	Measure Lead
Added direct reference code LOINC code (85618-7).	Value Set	Terminology	Measure Lead

CMS117v8 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated description statement with addition of 4 dose HiB vaccinations to the description of the measure.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day calculation to be more accurate for leap years.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3199
Removed definition 'Three HiB Vaccinations' and added new definition statements 'HiB 3 Dose Immunizations or Procedures,' 'HiB 4 Dose Immunizations or Procedures,' 'HiB 3 or 4 Dose Immunizations,' 'All HiB Vaccinations,' and 'Has Appropriate Number of HiB Immunizations.' Revised logic to include the correct number of HiB doses depending on the manufacturer of the vaccine given to align with current guidelines.	Logic	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Value set Hepatitis A (2.16.840.1.113883.3.464.1003.110.12.1024): Added 5 SNOMED CT codes (105801000119103, 165997004, 278971009, 310875001, 428030001).	Value Set	Terminology	Annual Update
Value set Measles, Mumps and Rubella (MMR) Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1031): Added SNOMED CT extensional value set (2.16.840.1.113883.3.464.1003.110.11.1086) including 1 code.	Value Set	Terminology	Annual Update
Value set Mumps (2.16.840.1.113883.3.464.1003.110.12.1032): Added SNOMED CT extensional value set (2.16.840.1.113883.3.464.1003.110.11.1087) including 3 codes.	Value Set	Terminology	Annual Update
Value set Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Added 4 SNOMED CT codes (161421005, 165792000, 406112006, 406113001).	Value Set	Terminology	Annual Update
Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005).	Value Set	Terminology	Annual Update
Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes (105841000119101, 161419000, 371111005).	Value Set	Terminology	Annual Update

CMS117v8 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Encephalopathy due to Childhood Vaccination (2.16.840.1.113883.3.464.1003.114.12.1007): Added 9 SNOMED CT codes (192705005, 192706006, 192707002, 192708007, 192709004, 192713006, 192714000, 192715004, 192716003) and deleted 1 SNOMED CT code (31367003).	Value Set	Terminology	Annual Update
Value set Hepatitis B (2.16.840.1.113883.3.464.1003.110.12.1025): Added 5 SNOMED CT codes (165806002, 235865005, 271511000, 313234004, 406117000) and deleted 1 SNOMED CT code (29062009). Deleted 1 ICD-10-CM code (Z22.51).	Value Set	Terminology	Annual Update
Value set Malignant Neoplasm of Lymphatic and Hematopoietic Tissue (2.16.840.1.113883.3.464.1003.108.12.1009): Added 1 SNOMED CT code (404146005).	Value Set	Terminology	Annual Update
Value set Disorders of the Immune System (2.16.840.1.113883.3.464.1003.120.12.1001): Deleted 1 SNOMED CT code (267538002).	Value Set	Terminology	Annual Update
Value set Varicella Zoster (2.16.840.1.113883.3.464.1003.110.12.1039): Added 3 SNOMED CT codes (161423008, 371113008, 681221000119108).	Value Set	Terminology	Annual Update
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 54 SNOMED CT codes and deleted 1 SNOMED CT code (79019005).	Value Set	Terminology	Annual Update
Value set Hepatitis B Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1042): Deleted 1 SNOMED CT code (170374009). Added ICD-9-CM extensional value set (2.16.840.1.113883.3.464.1003.110.11.1145) including 1 code. Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.110.11.1147) including 1 code.	Value Set	Terminology	Annual Update
Value set HiB Vaccine (3 dose schedule) (2.16.840.1.113883.3.464.1003.110.12.1083): Added HiB Vaccine (3 dose schedule).	Value Set	Terminology	Annual Update
Value set HiB Vaccine (3 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1084): Added HiB Vaccine (3 dose schedule) Administered.	Value Set	Terminology	Annual Update
Value set HiB Vaccine (4 dose schedule) (2.16.840.1.113883.3.464.1003.110.12.1085): Added HiB Vaccine (4 dose schedule).	Value Set	Terminology	Annual Update
Value set HiB Vaccine (4 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1086): Added HiB Vaccine (4 dose schedule) Administered.	Value Set	Terminology	Annual Update
Value set Haemophilus Influenzae Type B (HiB) Vaccine (2.16.840.1.113883.3.464.1003.196.12.1217): Removed Haemophilus Influenzae Type B (HiB) Vaccine.	Value Set	Terminology	Annual Update
Value set Haemophilus Influenzae Type B (HiB) Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1043): Removed Haemophilus Influenzae Type B (HiB) Vaccine Administered.	Value Set	Terminology	Annual Update
Replaced direct reference code CPT (90681) with Value set Rotavirus Vaccine (2 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1048).	Value Set	Terminology	Measure Lead
Replaced direct reference code CPT (90680) with Value set Rotavirus Vaccine (3 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1047).	Value Set	Terminology	Measure Lead
The following values sets were added for use in revised numerator logic related to the HiB vaccines: 'HiB Vaccine (3 dose schedule) Administered' (2.16.840.1.113883.3.464.1003.110.12.1084); 'HiB Vaccine (3 dose schedule)' (2.16.840.1.113883.3.464.1003.110.12.1083); value set 'HiB Vaccine (4 dose schedule) Administered' (2.16.840.1.113883.3.464.1003.110.12.1086), and 'HiB Vaccine (4 dose schedule)' (2.16.840.1.113883.3.464.1003.110.12.1085).	Value Set	Terminology	Measure Lead
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update

CMS117v8 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS122v8 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Header	Denominator Exclusions	Measure Lead
Updated denominator exclusions statement with addition of patients with advanced illness and frailty because it is unlikely that patients will need the services being measured.	Header	Denominator Exclusions	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to include new exclusion for patients with advanced illness and frailty. The new logic excludes patients who are 80 or older, use of frailty devices, dementia medications and encounters with diagnosis of advance illness encompassing the measurement period or encounter.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Logic	Denominator Exclusions	Measure Lead
Updated the sort order for the most recent HBA1c to the end of the relevant period to ensure only the last test is being evaluated.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3186
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Added new CQL library with advanced illness and frailty exclusion definitions (AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	Logic	Multiple Sections	Measure Lead
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-1.2.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69 SNOMED CT codes.	Value Set	Terminology	Annual Update

CMS122v8 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added Acute Inpatient.	Value Set	Terminology	Annual Update
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added Advanced Illness.	Value Set	Terminology	Annual Update
Value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084): Added Nonacute Inpatient.	Value Set	Terminology	Annual Update
Value set ED (2.16.840.1.113883.3.464.1003.101.12.1085): Added ED.	Value Set	Terminology	Annual Update
Value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086): Added Observation.	Value Set	Terminology	Annual Update
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added Outpatient.	Value Set	Terminology	Annual Update
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added Frailty Device.	Value Set	Terminology	Annual Update
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Added Frailty Encounter.	Value Set	Terminology	Annual Update
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added Frailty Symptom.	Value Set	Terminology	Annual Update
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added Frailty Diagnosis.	Value Set	Terminology	Annual Update
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added Dementia Medications.	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014): Added Care Services in Long-Term Residential Facility.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1001 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1002 (ICD-10-CM), and 2.16.840.1.113883.3.464.1003.103.11.1003 (SNOMED CT)). Added eight extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1025 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1026 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1027 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1030 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1031 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1032 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1033 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1034 (ICD-9-CM)).	Value Set	Terminology	Measure Lead

CMS124v8 - Cervical Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated HPV test timing in definition 'Pap Test With HPV Co Test Within 5 Years': changed from 'HPVTest.relevantPeriod starts 1 day or less before or on day of start of PapTestOver30YearsOld.relevantPeriod' to 'HPVTest.relevantPeriod starts within 1 day of start of PapTestOver30YearsOld.relevantPeriod.'	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-3423
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Value set Hysterectomy with No Residual Cervix (2.16.840.1.113883.3.464.1003.198.12.1014): Added 15 SNOMED CT codes and deleted 18 SNOMED CT codes. Added 1 CPT code (58575). Added ICD-9-CM extensional value set (2.16.840.1.113883.3.464.1003.198.11.1134) including 13 codes. Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.198.11.1135) including 13 codes.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS125v8 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated description statement to include the timing component of 27 months prior to the end of the measurement period to provide clarity.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated denominator exclusions statement with addition of patients with advanced illness and frailty because it is unlikely that patients will need the services being measured.	Header	Denominator Exclusions	Measure Lead
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Header	Denominator Exclusions	Measure Lead
Updated numerator statement to include 27 months prior to the end of the measurement period to provide clarity and align with the logic.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to include new exclusion for patients with advanced illness and frailty. The new logic excludes patients who are 80 or older, use of frailty devices, dementia medications and encounters with diagnosis of advance illness encompassing the measurement period or encounter.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include definitions for right and left mastectomy procedure to ensure if a recent mastectomy could be captured with procedure codes.	Logic	Denominator Exclusions	Measure Lead
Revised the alias from 'UnilateralMastectomyProcedure' to 'UnilateralMastectomy' in the 'Unilateral Mastectomy Procedure' definition to align with the Clinical Quality Language (CQL) style guide recommendations.	Logic	Denominator Exclusions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-1.2.000).	Logic	Multiple Sections	Measure Lead
Added new CQL library with advanced illness and frailty exclusion definitions (AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	Logic	Multiple Sections	Measure Lead

CMS125v8 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Bilateral Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1005): Added SNOMED CT extensional value set (2.16.840.1.113883.3.464.1003.198.11.1005) including 3 codes. Added ICD-9-CM extensional value set (2.16.840.1.113883.3.464.1003.198.11.1139) including 4 codes. Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.198.11.1140) including 1 code.	Value Set	Terminology	Annual Update
Value set Unilateral Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1020): Deleted 8 SNOMED CT codes (428571003, 429400009, 726429001, 726430006, 726434002, 726435001, 726436000, 726437009).	Value Set	Terminology	Annual Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added Acute Inpatient.	Value Set	Terminology	Annual Update
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added Advanced Illness.	Value Set	Terminology	Annual Update
Value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084): Added Nonacute Inpatient.	Value Set	Terminology	Annual Update
Value set ED (2.16.840.1.113883.3.464.1003.101.12.1085): Added ED.	Value Set	Terminology	Annual Update
Value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086): Added Observation.	Value Set	Terminology	Annual Update
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added Outpatient.	Value Set	Terminology	Annual Update
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added Frailty Device.	Value Set	Terminology	Annual Update
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Added Frailty Encounter.	Value Set	Terminology	Annual Update
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added Frailty Symptom.	Value Set	Terminology	Annual Update
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added Frailty Diagnosis.	Value Set	Terminology	Annual Update
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added Dementia Medications.	Value Set	Terminology	Annual Update
Value set Unilateral Mastectomy Left (2.16.840.1.113883.3.464.1003.198.12.1133): Added Unilateral Mastectomy Left.	Value Set	Terminology	Annual Update
Value set Unilateral Mastectomy Right (2.16.840.1.113883.3.464.1003.198.12.1134): Added Unilateral Mastectomy Right.	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014): Added Care Services in Long-Term Residential Facility.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS127v8 - Pneumococcal Vaccination Status for Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement with addition of 'ACIP (Kobayashi 2015) provides guidance about the proper interval and relative timing for the administration of two pneumococcal vaccines; this measure assesses whether patients have received at least one of either vaccine.'	Header	Guidance	Measure Lead
Updated guidance statement from 'Immunization, Performed' to 'Immunization, Administered' to align with intent and logic.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-3119
Updated numerator statement to 'Patients who have ever received a pneumococcal vaccination before the end of the measurement period' to be more concise in regards to timing.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS128v8 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement with removal of cumulative medication duration as it was outdated.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-3153
Updated guidance statement to reflect the 105 day negative medication history.	Header	Guidance	Measure Lead
Updated initial population statement dispensing event period to be from May 1 of the year prior to the measurement period to April 30 of the measurement period to align with HEDIS parent measure.	Header	Initial Population	Measure Lead
Updated initial population statement to require the visit to be in the 60 days before or after the initial patient population (IPP) antidepressant medication dispensing event.	Header	Initial Population	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic of the 'Has Initial Major Depression Diagnosis' define statement to indicate the changed timing of the dispensed antidepressant in order to tie the clinician who could influence the medication choice and follow-up to the measure.	Logic	Initial Population	Measure Lead
Revised logic to indicate the revised timing of the IPP dispensing event period to be from May 1 of the year prior to the measurement period to April 30 of the measurement period to align with HEDIS parent measure.	Logic	Initial Population	Measure Lead
Revised the 'Qualifying Encounters' define statement to include nursing home encounters to expand those who can report the measure.	Logic	Initial Population	Measure Lead
Changed the timing of the antidepressant relevant period to overlaps so that medications that are active in the 105 days prior may count as an exclusion as well as those started in the 105 days prior.	Logic	Denominator Exclusions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Antidepressant Medication (2.16.840.1.113883.3.464.1003.196.12.1213): Added 34 RxNorm codes.	Value Set	Terminology	Annual Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.	Value Set	Terminology	Annual Update

CMS128v8 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Value set Major Depression (2.16.840.1.113883.3.464.1003.105.12.1007): Added 1 SNOMED CT code (16264901000119109) and deleted 4 SNOMED CT codes (268620009, 30605009, 321717001,70747007).	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS129v9 - 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 eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated description statement with removal of references to cryotherapy to align with the updated guideline.	Header	Description	Expert Work Group Review
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated rationale statement with in-text citation date to reflect updated reference.	Header	Rationale	Measure Lead
Updated clinical recommendation statement to align with current guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated definition statement to align with current guideline.	Header	Definition	Measure Lead
Updated denominator statement with removal of references to cryotherapy from the denominator statement to align with updated guideline.	Header	Denominator	Expert Work Group Review
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Replaced value set Cancer Staging (2.16.840.1.113883.3.526.3.1536) with direct reference code SNOMED CT code (258232002).	Logic	Denominator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Value set Prostate Cancer Treatment (2.16.840.1.113883.3.526.3.398): Deleted 1 CPT code (55873). Added 2 SNOMED CT codes (427541000119103, 764675000) and deleted 8 SNOMED CT codes (169374002, 176319004, 265589001, 29860002, 420529003, 427357007, 433225000, 64978007).	Value Set	Terminology	Annual Update
Value set Pain Related to Prostate Cancer (2.16.840.1.113883.3.526.3.451): Deleted 2 ICD-9-CM codes (V76.44, V84.03). Deleted 2 ICD-10-CM codes (Z12.5, Z15.03).	Value Set	Terminology	Annual Update
Replaced value set Cancer Staging (2.16.840.1.113883.3.526.3.1536) with direct reference code SNOMED CT code (258232002).	Value Set	Terminology	Measure Lead
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS130v8 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated denominator exclusions statement with addition of patients with advanced illness and frailty because it is unlikely that patients will need the services being measured.	Header	Denominator Exclusions	Measure Lead
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Header	Denominator Exclusions	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to include new exclusion for patients with advanced illness and frailty. The new logic excludes patients who are 80 or older, use of frailty devices, dementia medications and encounters with diagnosis of advance illness encompassing the measurement period or encounter.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Logic	Denominator Exclusions	Measure Lead
Change name of the define statement 'Fecal Immunochemical Test DNA' to 'Fecal Immunochemical Test DNA Performed' to align with the other tests in the numerator.	Logic	Numerator	Measure Lead
Replaced Quality Data Model (QDM) Procedure Performed category with Diagnostic Study Performed to align with QDM version 5.4.	Logic	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-1.2.000).	Logic	Multiple Sections	Measure Lead
Added new CQL library with advanced illness and frailty exclusion definitions (AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	Logic	Multiple Sections	Measure Lead
Value set Malignant Neoplasm of Colon (2.16.840.1.113883.3.464.1003.108.12.1001): Added 2 SNOMED CT codes (130381000119103, 766981007) and deleted 1 SNOMED CT code (93683002).	Value Set	Terminology	Annual Update

CMS130v8 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Flexible Sigmoidoscopy (2.16.840.1.113883.3.464.1003.198.12.1010): Added 1 SNOMED CT code (841000119107).	Value Set	Terminology	Annual Update
Value set Total Colectomy (2.16.840.1.113883.3.464.1003.198.12.1019): Added 1 SNOMED CT code (119771000119101). Added 3 ICD-9-CM codes (45.81, 45.82, 45.83). Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.198.11.1143) including 4 codes.	Value Set	Terminology	Annual Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set CT Colonography (2.16.840.1.113883.3.464.1003.108.12.1038): Deleted 3 CPT codes (74261, 74262, 74263). Deleted 1 SNOMED CT code (418714002). Added 6 LOINC codes (60515-4, 72531-7, 79069-1, 79071-7, 79101-2, 82688-3).	Value Set	Terminology	Annual Update
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added Acute Inpatient.	Value Set	Terminology	Annual Update
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added Advanced Illness.	Value Set	Terminology	Annual Update
Value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084): Added Nonacute Inpatient.	Value Set	Terminology	Annual Update
Value set ED (2.16.840.1.113883.3.464.1003.101.12.1085): Added ED.	Value Set	Terminology	Annual Update
Value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086): Added Observation.	Value Set	Terminology	Annual Update
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added Outpatient.	Value Set	Terminology	Annual Update
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added Frailty Device.	Value Set	Terminology	Annual Update
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Added Frailty Encounter.	Value Set	Terminology	Annual Update
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added Frailty Symptom.	Value Set	Terminology	Annual Update
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added Frailty Diagnosis.	Value Set	Terminology	Annual Update
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added Dementia Medications.	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014): Added Care Services in Long-Term Residential Facility.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set CT Colonography (2.16.840.1.113883.3.464.1003.108.12.1038): Deleted two extensional value sets (2.16.840.1.113883.3.464.1003.108.11.1143 (CPT) and 2.16.840.1.113883.3.464.1003.108.11.1144 (SNOMED CT)).	Value Set	Terminology	Measure Lead

CMS131v8 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated description statement to include patients with diabetes with and without a diagnosis of retinopathy overlapping the measurement period to align with logic changes.	Header	Description	ONC Project Tracking System (JIRA): CQM-2648
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated denominator exclusions statement with addition of patients with advanced illness and frailty because it is unlikely that patients will need the services being measured.	Header	Denominator Exclusions	Measure Lead
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Header	Denominator Exclusions	Measure Lead
Updated numerator statement to include patients with diabetes with and without a diagnosis of retinopathy overlapping the measurement period to align with logic changes.	Header	Numerator	ONC Project Tracking System (JIRA): CQM-2648
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to include new exclusion for patients with advanced illness and frailty. The new logic excludes patients who are 80 or older, use of frailty devices, dementia medications and encounters with diagnosis of advance illness encompassing the measurement period or encounter.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Logic	Denominator Exclusions	Measure Lead
Added logic using retinopathy diagnosis overlapping the measurement period as a proxy for a positive eye exam to provide flexibility in capturing eye exams when results are not available as structured data.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-2648
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Added new CQL library with advanced illness and frailty exclusion definitions (AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	Logic	Multiple Sections	Measure Lead
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update

CMS131v8 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1771) including 4 codes.	Value Set	Terminology	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added Acute Inpatient.	Value Set	Terminology	Annual Update
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added Advanced Illness.	Value Set	Terminology	Annual Update
Value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084): Added Nonacute Inpatient.	Value Set	Terminology	Annual Update
Value set ED (2.16.840.1.113883.3.464.1003.101.12.1085): Added ED.	Value Set	Terminology	Annual Update
Value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086): Added Observation.	Value Set	Terminology	Annual Update
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added Outpatient.	Value Set	Terminology	Annual Update
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added Frailty Device.	Value Set	Terminology	Annual Update
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Added Frailty Encounter.	Value Set	Terminology	Annual Update
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added Frailty Symptom.	Value Set	Terminology	Annual Update
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added Frailty Diagnosis.	Value Set	Terminology	Annual Update
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added Dementia Medications.	Value Set	Terminology	Annual Update
Value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014): Added Care Services in Long-Term Residential Facility.	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Value set Diabetic Retinopathy (2.16.840.1.113883.3.526.3.327): Added Diabetic Retinopathy.	Value Set	Terminology	Annual Update
Value set Negative Finding (2.16.840.1.113883.3.464.1003.195.12.1002): Removed Negative Finding.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1001 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1002 (ICD-10-CM), and 2.16.840.1.113883.3.464.1003.103.11.1003 (SNOMED CT)). Added eight extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1025 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1026 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1027 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1030 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1031 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1032 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1033 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1034 (ICD-9-CM)).	Value Set	Terminology	Measure Lead

CMS132v8 - Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Description	Expert Work Group Review
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Initial Population	Expert Work Group Review
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Denominator Exclusions	Expert Work Group Review
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Numerator	Expert Work Group Review
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added data elements 'Glaucoma Associated with Congenital Anomalies, Dystrophies and Systemic Syndromes,' 'Other Endophthalmitis,' and 'Purulent Endophthalmitis' to align with measure intent and clinical expert recommendation.	Logic	Denominator Exclusions	Expert Work Group Review
Removed data elements 'Aphakia and Other Disorders of Lens,' 'Cysts of Iris, Ciliary Body and Anterior Chamber,' 'Enophthalmos,' and 'Prior Pars Plana Vitrectomy' to align with measure intent and clinical expert recommendation.	Logic	Denominator Exclusions	Expert Work Group Review
Added a constraint to ensure that two unique procedures would be required to satisfy the numerator logic.	Logic	Numerator	ONC Project Tracking System (JIRA): CQM-3215
Removed 'Prior Pars Plana Vitrectomy Performed' definition due to the removal of this denominator exclusion per clinical expert recommendation.	Logic	Definitions	Expert Work Group Review
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Acute and Subacute Iridocyclitis (2.16.840.1.113883.3.526.3.1241): Added 35 SNOMED CT codes and deleted 5 SNOMED CT codes (11226001, 186266008, 193493000, 23798003, 416449002).	Value Set	Terminology	Annual Update
Value set Cataract Secondary to Ocular Disorders (2.16.840.1.113883.3.526.3.1410): Added 1 SNOMED CT code (766837000) and deleted 1 SNOMED CT code (21818003).	Value Set	Terminology	Annual Update

CMS132v8 - Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Cataract, Posterior Polar (2.16.840.1.113883.3.526.3.1414): Added 8 SNOMED CT codes (15639401000119105, 15639441000119107, 253225009, 15639481000119102, 15737881000119104, 15737921000119106, 15737961000119101, 342821000119103) and deleted 5 SNOMED CT codes (111515007, 1412008, 204124004, 204125003, 95723009). Added 3 ICD-10-CM codes (H25.041, H25.042, H25.043) and deleted 1 ICD-10-CM code (Q12.0).	Value Set	Terminology	Annual Update
Value set Cloudy Cornea (2.16.840.1.113883.3.526.3.1417): Added 6 SNOMED CT codes (1099031000119105, 1099041000119101, 1099051000119104, 336501000119105, 342111000119101, 347271000119100).	Value Set	Terminology	Annual Update
Value set Corneal Edema (2.16.840.1.113883.3.526.3.1418): Added 1 SNOMED CT code (373429003).	Value Set	Terminology	Annual Update
Value set Corneal Opacity and Other Disorders of Cornea (2.16.840.1.113883.3.526.3.1419): Added 10 SNOMED CT codes (1099031000119105, 1099041000119101, 1099051000119104, 193795008, 314005007, 336501000119105, 342111000119101, 347271000119100, 422947009, 95726001).	Value Set	Terminology	Annual Update
Value set High Hyperopia (2.16.840.1.113883.3.526.3.1425): Added 2 SNOMED CT codes (334851000119100, 340461000119106).	Value Set	Terminology	Annual Update
Value set Hypotony of Eye (2.16.840.1.113883.3.526.3.1426): Deleted 4 SNOMED CT codes (193281006, 23360000, 420011000, 6777006).	Value Set	Terminology	Annual Update
Value set Central Corneal Ulcer (2.16.840.1.113883.3.526.3.1428): Added 1 SNOMED CT code (7426009).	Value Set	Terminology	Annual Update
Value set Open Wound of Eyeball (2.16.840.1.113883.3.526.3.1430): Deleted 2 ICD-10-CM codes (S05.91XA, S05.92XA).	Value Set	Terminology	Annual Update
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Deleted 3 SNOMED CT codes (232133000, 232134006, 408757002).	Value Set	Terminology	Annual Update
Value set Posterior Lenticonus (2.16.840.1.113883.3.526.3.1433): Deleted 4 SNOMED CT codes (253221000, 419281007, 95480008, 95481007).	Value Set	Terminology	Annual Update
Value set Uveitis (2.16.840.1.113883.3.526.3.1444): Added 2 SNOMED CT codes (75315001, 75614007).	Value Set	Terminology	Annual Update
Value set Vitreous Procedures (2.16.840.1.113883.3.526.3.1447): Added 13 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Glaucoma (2.16.840.1.113883.3.526.3.1423): Added 3 SNOMED CT codes (15374009, 15996831000119101, 232083008).	Value Set	Terminology	Annual Update
Value set Glaucoma Associated with Congenital Anomalies, Dystrophies, and Systemic Syndromes (2.16.840.1.113883.3.526.3.1461): Added Glaucoma Associated with Congenital Anomalies, Dystrophies, and Systemic Syndromes.	Value Set	Terminology	Expert Work Group Review
Value set Other Endophthalmitis (2.16.840.1.113883.3.526.3.1473): Added Other Endophthalmitis.	Value Set	Terminology	Expert Work Group Review
Value set Purulent Endophthalmitis (2.16.840.1.113883.3.526.3.1477): Added Purulent Endophthalmitis.	Value Set	Terminology	Expert Work Group Review
Value set Aphakia and Other Disorders of Lens (2.16.840.1.113883.3.526.3.1407): Removed Aphakia and Other Disorders of Lens.	Value Set	Terminology	Expert Work Group Review
Value set Cysts of Iris, Ciliary Body, and Anterior Chamber (2.16.840.1.113883.3.526.3.1420): Removed Cysts of Iris, Ciliary Body, and Anterior Chamber.	Value Set	Terminology	Expert Work Group Review
Value set Enophthalmos (2.16.840.1.113883.3.526.3.1421): Removed Enophthalmos.	Value Set	Terminology	Expert Work Group Review
Value set Prior Pars Plana Vitrectomy (2.16.840.1.113883.3.526.3.1434): Removed Prior Pars Plana Vitrectomy.	Value Set	Terminology	Expert Work Group Review
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eQCM value set files.	Value Set	Terminology	Measure Lead

CMS133v8 - Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Description	Expert Work Group Review
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Initial Population	Expert Work Group Review
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Denominator Exclusions	Expert Work Group Review
Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient-based.	Header	Numerator	Expert Work Group Review
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added data elements 'Cataract, Congenital,' 'Cataract, Mature or Hypermature,' 'Cataract, Posterior Polar,' 'Hypotony of Eye,' 'Macular Scar of Posterior Polar,' 'Morgagnian Cataract,' 'Posterior Lenticonus,' 'Retrolental Fibroplasias,' 'Traumatic Cataract,' and 'Vascular Disorders of Iris and Ciliary Body' to align with measure intent and clinical expert recommendation.	Logic	Denominator Exclusions	Expert Work Group Review
Removed data elements 'Chorioretinal Scars,' 'Moderate or Severe Impairment, Better Eye, Profound Impairment, Lesser Eye,' 'Other Corneal Deformities,' 'Other Disorders of Sclera,' 'Other Retinal Disorders,' and 'Profound Impairment, Both Eyes' to align with measure intent and clinical expert recommendation.	Logic	Denominator Exclusions	Expert Work Group Review
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Value set Acute and Subacute Iridocyclitis (2.16.840.1.113883.3.526.3.1241): Added 35 SNOMED CT codes and deleted 5 SNOMED CT codes (11226001, 186266008, 193493000, 23798003, 416449002).	Value Set	Terminology	Annual Update
Value set Cataract Secondary to Ocular Disorders (2.16.840.1.113883.3.526.3.1410): Added 1 SNOMED CT code (766837000) and deleted 1 SNOMED CT code (21818003).	Value Set	Terminology	Annual Update

CMS133v8 - 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 Cloudy Cornea (2.16.840.1.113883.3.526.3.1417): Added 6 SNOMED CT codes (1099031000119105, 1099041000119101, 1099051000119104, 336501000119105, 342111000119101, 347271000119100).	Value Set	Terminology	Annual Update
Value set Corneal Edema (2.16.840.1.113883.3.526.3.1418): Added 1 SNOMED CT code (373429003).	Value Set	Terminology	Annual Update
Value set Corneal Opacity and Other Disorders of Cornea (2.16.840.1.113883.3.526.3.1419): Added 10 SNOMED CT codes (1099031000119105, 1099041000119101, 1099051000119104, 336501000119105, 342111000119101, 347271000119100, 193795008, 314005007, 422947009, 95726001).	Value Set	Terminology	Annual Update
Value set Central Corneal Ulcer (2.16.840.1.113883.3.526.3.1428): Added 1 SNOMED CT code (7426009).	Value Set	Terminology	Annual Update
Value set Open Wound of Eyeball (2.16.840.1.113883.3.526.3.1430): Deleted 2 ICD-10-CM codes (S05.91XA, S05.92XA).	Value Set	Terminology	Annual Update
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Deleted 3 SNOMED CT codes (232133000, 232134006, 408757002).	Value Set	Terminology	Annual Update
Value set Uveitis (2.16.840.1.113883.3.526.3.1444): Added 2 SNOMED CT codes (75315001, 75614007).	Value Set	Terminology	Annual Update
Value set Visual Field Defects (2.16.840.1.113883.3.526.3.1446): Deleted 4 SNOMED CT codes (231780001, 296867007, 3499006, 48671003).	Value Set	Terminology	Annual Update
Value set Amblyopia (2.16.840.1.113883.3.526.3.1448): Added 3 SNOMED CT codes (336451000119108, 342061000119102, 347241000119107).	Value Set	Terminology	Annual Update
Value set Choroidal Hemorrhage and Rupture (2.16.840.1.113883.3.526.3.1452): Added 1 SNOMED CT code (2532009).	Value Set	Terminology	Annual Update
Value set Disorders of Optic Chiasm (2.16.840.1.113883.3.526.3.1457): Deleted 1 SNOMED CT code (7869006).	Value Set	Terminology	Annual Update
Value set Disorders of Visual Cortex (2.16.840.1.113883.3.526.3.1458): Added 3 SNOMED CT codes (342741000119103, 342751000119101, 732251003).	Value Set	Terminology	Annual Update
Value set Hereditary Choroidal Dystrophies (2.16.840.1.113883.3.526.3.1462): Added 9 SNOMED CT codes (231996009, 231997000, 24950005, 41250005, 715417002, 715984007, 717761005, 720850008, 733110004).	Value Set	Terminology	Annual Update
Value set Hereditary Retinal Dystrophies (2.16.840.1.113883.3.526.3.1463): Added 1 SNOMED CT code (764939004) and deleted 1 SNOMED CT code (68222009).	Value Set	Terminology	Annual Update
Value set Nystagmus and Other Irregular Eye Movements (2.16.840.1.113883.3.526.3.1465): Added 7 ICD-10-CM codes (H55.00, H55.02, H55.03, H55.04, H55.09, H55.81, H55.89). Added 9 ICD-9-CM codes (379.50, 379.52, 379.53, 379.54, 379.55, 379.56, 379.57, 379.58, 379.59). Added 57 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Other and Unspecified Forms of Chorioretinitis and Retinochoroiditis (2.16.840.1.113883.3.526.3.1468): Added 1 SNOMED CT code (314428001).	Value Set	Terminology	Annual Update
Value set Other Disorders of Optic Nerve (2.16.840.1.113883.3.526.3.1471): Added 1 SNOMED CT code (733506009).	Value Set	Terminology	Annual Update
Value set Prior Penetrating Keratoplasty (2.16.840.1.113883.3.526.3.1475): Added 1 SNOMED CT code (700281002).	Value Set	Terminology	Annual Update
Value set Glaucoma (2.16.840.1.113883.3.526.3.1423): Added 3 SNOMED CT codes (15374009, 15996831000119101, 232083008).	Value Set	Terminology	Annual Update
Value set Cataract, Congenital (2.16.840.1.113883.3.526.3.1412): Added Cataract, Congenital.	Value Set	Terminology	Expert Work Group Review
Value set Cataract, Mature or Hypermature (2.16.840.1.113883.3.526.3.1413): Added Cataract, Mature or Hypermature.	Value Set	Terminology	Expert Work Group Review

CMS133v8 - 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 Cataract, Posterior Polar (2.16.840.1.113883.3.526.3.1414): Added Cataract, Posterior Polar.	Value Set	Terminology	Expert Work Group Review
Value set Hypotony of Eye (2.16.840.1.113883.3.526.3.1426): Added Hypotony of Eye.	Value Set	Terminology	Expert Work Group Review
Value set Posterior Lenticonus (2.16.840.1.113883.3.526.3.1433): Added Posterior Lenticonus.	Value Set	Terminology	Expert Work Group Review
Value set Retrolental Fibroplasias (2.16.840.1.113883.3.526.3.1438): Added Retrolental Fibroplasias.	Value Set	Terminology	Expert Work Group Review
Value set Traumatic Cataract (2.16.840.1.113883.3.526.3.1443): Added Traumatic Cataract.	Value Set	Terminology	Expert Work Group Review
Value set Vascular Disorders of Iris and Ciliary Body (2.16.840.1.113883.3.526.3.1445): Added Vascular Disorders of Iris and Ciliary Body.	Value Set	Terminology	Expert Work Group Review
Value set Morgagnian Cataract (2.16.840.1.113883.3.526.3.1558): Added Morgagnian Cataract.	Value Set	Terminology	Expert Work Group Review
Value set Macular Scar of Posterior Polar (2.16.840.1.113883.3.526.3.1559): Added Macular Scar of Posterior Polar.	Value Set	Terminology	Expert Work Group Review
Value set Chorioretinal Scars (2.16.840.1.113883.3.526.3.1449): Removed Chorioretinal Scars.	Value Set	Terminology	Expert Work Group Review
Value set Moderate or Severe Impairment, Better Eye, Profound Impairment Lesser Eye (2.16.840.1.113883.3.526.3.1464): Removed Moderate or Severe Impairment, Better Eye, Profound Impairment Lesser Eye.	Value Set	Terminology	Expert Work Group Review
Value set Other Corneal Deformities (2.16.840.1.113883.3.526.3.1470): Removed Other Corneal Deformities.	Value Set	Terminology	Expert Work Group Review
Value set Other Disorders of Sclera (2.16.840.1.113883.3.526.3.1472): Removed Other Disorders of Sclera.	Value Set	Terminology	Expert Work Group Review
Value set Other Retinal Disorders (2.16.840.1.113883.3.526.3.1474): Removed Other Retinal Disorders.	Value Set	Terminology	Expert Work Group Review
Value set Profound Impairment, Both Eyes (2.16.840.1.113883.3.526.3.1476): Removed Profound Impairment, Both Eyes.	Value Set	Terminology	Expert Work Group Review

CMS134v8 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated denominator exclusions statement with addition of patients with advanced illness and frailty because it is unlikely that patients will need the services being measured.	Header	Denominator Exclusions	Measure Lead
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Header	Denominator Exclusions	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to include new exclusion for patients with advanced illness and frailty. The new logic excludes patients who are 80 or older, use of frailty devices, dementia medications and encounters with diagnosis of advance illness encompassing the measurement period or encounter.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Logic	Denominator Exclusions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Added new CQL library with advanced illness and frailty exclusion definitions (AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	Logic	Multiple Sections	Measure Lead
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-1.2.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.109.11.1067) including 6 codes.	Value Set	Terminology	Annual Update
Value set Glomerulonephritis and Nephrotic Syndrome (2.16.840.1.113883.3.464.1003.109.12.1018): Added 5 SNOMED CT codes (722119002, 723074006, 724099000, 766249007, 90971000119103).	Value Set	Terminology	Annual Update

CMS134v8 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 4 CPT codes (1019320, 90957, 90958, 90959).	Value Set	Terminology	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added Acute Inpatient.	Value Set	Terminology	Annual Update
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added Advanced Illness.	Value Set	Terminology	Annual Update
Value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084): Added Nonacute Inpatient.	Value Set	Terminology	Annual Update
Value set ED (2.16.840.1.113883.3.464.1003.101.12.1085): Added ED.	Value Set	Terminology	Annual Update
Value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086): Added Observation.	Value Set	Terminology	Annual Update
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added Outpatient.	Value Set	Terminology	Annual Update
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added Frailty Device.	Value Set	Terminology	Annual Update
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Added Frailty Encounter.	Value Set	Terminology	Annual Update
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added Frailty Symptom.	Value Set	Terminology	Annual Update
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added Frailty Diagnosis.	Value Set	Terminology	Annual Update
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added Dementia Medications.	Value Set	Terminology	Annual Update
Value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014): Added Care Services in Long-Term Residential Facility.	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1001 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1002 (ICD-10-CM), and 2.16.840.1.113883.3.464.1003.103.11.1003 (SNOMED CT)). Added eight extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1025 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1026 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1027 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1030 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1031 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1032 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1033 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1034 (ICD-9-CM)).	Value Set	Terminology	Measure Lead

CMS135v8 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) or Angiotensin Receptor-Nepriylsin Inhibitor (ARNI) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated header statements to include ARNI therapy to align with previous and current measure specification and guidance.	Header	eCQM Title	Measure Lead
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated header statements to include ARNI therapy to align with previous and current measure specification and guidance.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated header statements to include ARNI therapy to align with previous and current measure specification and guidance.	Header	Rate Aggregation	Measure Lead
Updated clinical recommendation statement to align with current guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated header statements to include ARNI therapy to align with previous and current measure specification and guidance.	Header	Definition	Measure Lead
Updated header statements to include ARNI therapy to align with previous and current measure specification and guidance.	Header	Numerator	Measure Lead
Updated header statements to include ARNI therapy to align with previous and current measure specification and guidance.	Header	Denominator Exceptions	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
In Population Criteria 2, replaced Quality Data Model (QDM) datatype 'Medication, Order' with 'Medication, Discharge' to improve alignment with measure intent in capturing medication at inpatient discharge.	Logic	Numerator	Measure Lead
Added 'Patient Reason for ACE Inhibitor or ARB Decline' value set (2.16.840.1.113883.3.526.3.1140) as a negation rationale attribute in 'Medical Patient or System Reason for Not Ordering ACEI or ARB or ARNI Outpatient' and 'Medical Patient or System Reason for No ACEI or ARB or ARNI at Inpatient Discharge' definitions for consistency in capturing a patient reason denominator exception.	Logic	Denominator Exceptions	Standards Update
In Population Criteria 2, replaced Quality Data Model (QDM) datatype 'Medication, Not Ordered' with 'Medication, Not Discharged' to improve alignment with measure intent.	Logic	Denominator Exceptions	Measure Lead
Revised applicable definition titles to reflect modified Quality Data Model (QDM) 'Medication' datatype used within Population Criteria 2 Numerator and Denominator Exceptions.	Logic	Definitions	Measure Lead
Removed 'Patient Declined ACE Inhibitor or ARB Inpatient' and 'Patient Declined ACE Inhibitor or ARB Outpatient' definitions due to a change in how the value set is applied to the denominator exception.	Logic	Definitions	Standards Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update

CMS135v8 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) or Angiotensin Receptor-Nepriylsin Inhibitor (ARNI) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes (12843005, 18170008, 19681004, 207195004, 4525004, 439708006).	Value Set	Terminology	Annual Update
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Deleted 4 ICD-10-CM codes (I50.810, I50.811, I50.812, I50.813). Added 33 SNOMED CT codes and deleted 10 SNOMED CT codes (10335000, 128404006, 277639002, 359617009, 367363000, 426012001, 5053004, 60856006, 66989003, 80479009).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS136v9 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Value set Substance Abuse (2.16.840.1.113883.3.464.1003.106.12.1004): Added 11 SNOMED CT codes (191813001, 191821007, 191827006, 191833002, 191839003, 191875001, 191889006, 191851001, 191857002, 191869005, 425841004).	Value Set	Terminology	Annual Update
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Deleted 1 SNOMED CT code (79578000). Added 3 ICD-10-CM codes (F53.0, F53.1, F68.A).	Value Set	Terminology	Annual Update
Value set ADHD Medications (2.16.840.1.113883.3.464.1003.196.12.1171): Deleted 4 RxNorm codes (885880, 895018, 895020, 895023).	Value Set	Terminology	Annual Update
Value set Inpatient Encounter (2.16.840.1.113883.3.464.1003.101.12.1060): Removed Inpatient Encounter.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS137v8 - Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated description statement to indicate Numerator 2 time period for follow-up changed from 30 days to 34 days to accommodate injectable medications and align with HEDIS parent measure.	Header	Description	Measure Lead
Updated description statement with addition to Numerator statement Pharmacotherapy (Patients who initiated treatment with a medication need two or more engagement events where only one can be a medication treatment event) to align with current guidelines and HEDIS parent measure.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated definition statement to between January 1 to November 14 (intake period) of the measurement period to align with the parent measure.	Header	Definition	Measure Lead
Updated initial population statement visit time to between January 1 to November 14 (intake period) of the measurement period to align with the parent measure.	Header	Initial Population	Measure Lead
Updated numerator statement with addition of Pharmacotherapy (Patients who initiated treatment with a medication need two or more engagement events where only one can be a medication treatment event) to align with current guidelines and HEDIS parent measure.	Header	Numerator	Measure Lead
Updated numerator statement with addition to Numerator 2 time period for follow-up from 30 days to 34 days to accommodate injectable medications and align with HEDIS parent measure.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added telehealth services to the 'Qualifying Encounters' define statement.	Logic	Initial Population	Measure Lead
Revised the 'First Dependence Diagnosis' to constrain the intake period to between January 1 and November 14 (starts 47 days or more before end of measurement period) to align with HEDIS parent measure.	Logic	Initial Population	Measure Lead
Added telehealth services as an option for dependence intervention to particular define statements included in the numerator.	Logic	Numerator	Measure Lead
Added pharmacotherapy as an option for dependence treatment in the numerator to align with current guidelines.	Logic	Numerator	Measure Lead
Changed the Quality Data Model (QDM) category for the Alcohol and Drug Dependence Treatment value set (2.16.840.1.113883.3.464.1003.106.12.1005) from 'Encounter' to 'Intervention' to align with QDM standards.	Logic	Numerator	Measure Lead
Increased the time period for follow-up from 30 days to 34 days for all define statements included in the numerator.	Logic	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update

CMS137v8 - Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Value set Alcohol and Drug Dependence (2.16.840.1.113883.3.464.1003.106.12.1001): Added 84 SNOMED CT codes and deleted 12 SNOMED CT codes. Added 1 ICD-10-CM code (F12.23).	Value Set	Terminology	Annual Update
Value set Opiate Antagonists (2.16.840.1.113883.3.464.1003.198.12.1132): Added Opiate Antagonists.	Value Set	Terminology	Annual Update
Value set Telehealth Services (2.16.840.1.113883.3.464.1003.101.12.1031): Added Telehealth Services.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS138v8 - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated description statement to clarify the intent of Population Criteria 2.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated definition statement for 'Tobacco Cessation Intervention' to include information related to frequency.	Header	Definition	Measure Lead
Updated guidance statement last paragraph to further clarify the difference between the various populations.	Header	Guidance	Measure Lead
Updated guidance statement paragraph nine to specifically indicate which population is used for accountability reporting in CMS programs.	Header	Guidance	Measure Lead
Updated guidance statement with addition of wording to clarify that a patient must have at least one tobacco use screening during the specified timeframe.	Header	Guidance	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1774) including 2 codes.	Value Set	Terminology	Annual Update
Value set Psychoanalysis (2.16.840.1.113883.3.526.3.1141): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1778) including 2 codes.	Value Set	Terminology	Annual Update
Value set Tobacco User (2.16.840.1.113883.3.526.3.1170): Added 10 SNOMED CT codes (110483000, 228499007, 43381005, 449867007, 56578002, 56771006, 449869005, 450811000124104, 450821000124107, 713914004).	Value Set	Terminology	Annual Update
Value set Tobacco Non-User (2.16.840.1.113883.3.526.3.1189): Added 14 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1771) including 4 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Value set Speech and Hearing Evaluation (2.16.840.1.113883.3.526.3.1530): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1773) including 4 codes.	Value Set	Terminology	Annual Update

CMS138v8 - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Tobacco Use Cessation Counseling (2.16.840.1.113883.3.526.3.509): Added 1 SNOMED CT code (713700008).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eQm value set files.	Value Set	Terminology	Measure Lead

CMS139v8 - Falls: Screening for Future Fall Risk

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1771) including 4 codes.	Value Set	Terminology	Annual Update
Value set Falls Screening (2.16.840.1.113883.3.464.1003.118.12.1028): Deleted 10 SNOMED CT codes (401196007, 408422004, 408423009, 408589008, 414191008, 426938003, 427206005, 443731004, 445990009, 711054005).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set Falls Screening (2.16.840.1.113883.3.464.1003.118.12.1028): Deleted SNOMED CT extensional value set (2.16.840.1.113883.3.464.1003.118.11.1035).	Value Set	Terminology	Measure Lead

CMS142v8 - Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated clinical recommendation statement to align with current guideline.	Header	Clinical Recommendation Statement	Measure Lead
Updated reference.	Header	Reference	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Merged Quality Data Mode (QDM) Communication Datatypes to a single Datatype 'Communication, Performed' and added attributes of 'sender' and 'recipient' to align with previous construct that the communication should occur between providers.	Logic	Numerator	Standards Update
Merged Quality Data Model (QDM) Communication Datatypes to a single Datatype 'Communication, Not Performed.'	Logic	Denominator Exceptions	Standards Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1771) including 4 codes.	Value Set	Terminology	Annual Update
Added direct reference code SNOMED CT codes (223366009, 158965000, 422234006, 28229004, 309343006).	Value Set	Terminology	Standards Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Replaced value set Macular Edema Findings Absent (2.16.840.1.113883.3.526.3.1284) with direct reference code SNOMED CT code (428341000124108).	Value Set	Terminology	Measure Lead
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS143v8 - Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated clinical recommendation statement to support measure intent.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1771) including 4 codes.	Value Set	Terminology	Annual Update
Value set Primary Open-Angle Glaucoma (2.16.840.1.113883.3.526.3.326): Added 4 SNOMED CT codes (15633281000119103, 15633321000119108, 15640441000119104, 50485007).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS144v8 - Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
In Population Criteria 2, replaced Quality Data Model (QDM) datatype 'Medication, Order' with 'Medication, Discharge' to improve alignment with measure intent in capturing medication at inpatient discharge.	Logic	Numerator	Measure Lead
In Population Criteria 2, replaced Quality Data Model (QDM) datatype 'Medication, Not Ordered' with 'Medication, Not Discharged' to improve alignment with measure intent.	Logic	Denominator Exceptions	Measure Lead
Replaced direct reference code LOINC (8867-4) with value set Heart Rate (2.16.840.1.113883.3.526.3.1176).	Logic	Denominator Exceptions	Measure Lead
Updated timing operator for cardiac pacer in situ diagnosis to 'overlaps after' to align with measure intent.	Logic	Denominator Exceptions	Measure Lead
Revised applicable definition titles to reflect modified Quality Data Model (QDM) 'Medication' datatype used within Population Criteria 2 Numerator and Denominator Exceptions.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes (12843005, 18170008, 19681004, 207195004, 4525004, 439708006).	Value Set	Terminology	Annual Update
Value set Allergy to Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1177): Deleted 1 SNOMED CT code (293971000).	Value Set	Terminology	Annual Update
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Deleted 4 ICD-10-CM codes (I50.810, I50.811, I50.812, I50.813). Added 33 SNOMED CT codes and deleted 10 SNOMED CT codes (10335000, 128404006, 277639002, 359617009, 367363000, 426012001, 5053004, 60856006, 66989003, 80479009).	Value Set	Terminology	Annual Update
Replaced direct reference code LOINC (8867-4) with value set Heart Rate (2.16.840.1.113883.3.526.3.1176).	Value Set	Terminology	Measure Lead
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS145v8 - 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 eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Replaced direct reference code LOINC (8867-4) with value set Heart Rate (2.16.840.1.113883.3.526.3.1176).	Logic	Denominator Exceptions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes (12843005, 18170008, 19681004, 207195004, 4525004, 439708006).	Value Set	Terminology	Annual Update
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Deleted 1 RxNorm code (904561).	Value Set	Terminology	Annual Update
Value set Allergy to Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1177): Deleted 1 SNOMED CT code (293971000).	Value Set	Terminology	Annual Update
Value set Coronary Artery Disease No MI (2.16.840.1.113883.3.526.3.369): Deleted 1 SNOMED CT code (66189004).	Value Set	Terminology	Annual Update
Replaced direct reference code LOINC (8867-4) with value set Heart Rate (2.16.840.1.113883.3.526.3.1176).	Value Set	Terminology	Measure Lead
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS146v8 - Appropriate Testing for Children with Pharyngitis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Added denominator exclusions statement for competing diagnosis at the same encounter as the pharyngitis diagnosis or in the 3 days after the pharyngitis diagnosis to ensure the patient did not have another diagnosis for which it was appropriate to prescribe an antibiotic.	Header	Denominator Exclusions	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added the define statement 'Competing Diagnosis for Upper Respiratory Infection' to ensure the patient did not have another diagnosis for which it was appropriate to prescribe an antibiotic.	Logic	Denominator Exclusions	Measure Lead
Added the definition 'Qualifying Encounter' to provide more transparency into the encounters that qualify for the initial population.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Acute Tonsillitis (2.16.840.1.113883.3.464.1003.102.12.1012): Added 1 SNOMED CT code (10629231000119109).	Value Set	Terminology	Annual Update
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Deleted 3 RxNorm codes (1801142, 310156, 877486).	Value Set	Terminology	Annual Update
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added Competing Conditions for Respiratory Conditions.	Value Set	Terminology	Annual Update
Value set Discharge Services- Observation Care (2.16.840.1.113883.3.464.1003.101.12.1039): Added Discharge Services- Observation Care.	Value Set	Terminology	Annual Update
Value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010): Added Emergency Department Visit.	Value Set	Terminology	Annual Update
Value set Hospital Observation Care - Initial (2.16.840.1.113883.3.464.1003.101.12.1002): Added Hospital Observation Care - Initial.	Value Set	Terminology	Annual Update
Value set Medical Disability Exam (2.16.840.1.113883.3.464.1003.101.11.1233): Added Medical Disability Exam.	Value Set	Terminology	Annual Update
Value set Outpatient Consultation (2.16.840.1.113883.3.464.1003.101.12.1008): Added Outpatient Consultation.	Value Set	Terminology	Annual Update
Value set Preventive Care Services - Established Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1025): Added Preventive Care Services - Established Office Visit, 18 and Up.	Value Set	Terminology	Annual Update

CMS146v8 - Appropriate Testing for Children with Pharyngitis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Preventive Care Services - Group Counseling (2.16.840.1.113883.3.464.1003.101.12.1027): Added Preventive Care Services - Group Counseling.	Value Set	Terminology	Annual Update
Value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030): Added Preventive Care Services - Other.	Value Set	Terminology	Annual Update
Value set Preventive Care Services-Individual Counseling (2.16.840.1.113883.3.464.1003.101.12.1026): Added Preventive Care Services-Individual Counseling.	Value Set	Terminology	Annual Update
Value set Preventive Care Services-Initial Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1023): Added Preventive Care Services-Initial Office Visit, 18 and Up.	Value Set	Terminology	Annual Update
Value set Home Healthcare Services (2.16.840.1.113883.3.464.1003.101.12.1016): Added Home Healthcare Services.	Value Set	Terminology	Annual Update
Value set Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001): Added Office Visit.	Value Set	Terminology	Annual Update
Value set Preventive Care Services, Initial Office Visit, 0 to 17 (2.16.840.1.113883.3.464.1003.101.12.1022): Added Preventive Care Services, Initial Office Visit, 0 to 17.	Value Set	Terminology	Annual Update
Value set Preventive Care, Established Office Visit, 0 to 17 (2.16.840.1.113883.3.464.1003.101.12.1024): Added Preventive Care, Established Office Visit, 0 to 17.	Value Set	Terminology	Annual Update
Value set Ambulatory/ED Visit (2.16.840.1.113883.3.464.1003.101.12.1061): Removed Ambulatory/ED Visit and added value sets for encounters to be more transparent on what encounters were applicable.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS147v9 - Preventive Care and Screening: Influenza Immunization

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated clinical recommendation statement to align with current guideline.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement to remove reference to leap years for alignment with other changes in measure.	Header	Guidance	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Replaced Quality Data Model (QDM) category 'Communication' with 'Assessment' to better reflect how the clinical workflow assesses whether a patient previously received the influenza immunization.	Logic	Numerator	Standards Update
Added 'Influenza Vaccination Declined' value set (2.16.840.1.113883.3.526.3.1255) as a negation rationale attribute in 'Medical Patient or System Reason for Not Administering Influenza Vaccine' and 'Medical Patient or System Reason for Not Performing Influenza Vaccination' definitions for consistency in capturing a patient reason denominator exception.	Logic	Denominator Exceptions	Standards Update
Removed 'Patient Declined Influenza Vaccination' definition due to a change in how the value set is applied to the denominator exception.	Logic	Definitions	Standards Update
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Modified logic to better account for leap years and improve alignment with measure intent.	Logic	Multiple Sections	Measure Lead
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes (12843005, 18170008, 19681004, 4525004, 439708006, 207195004).	Value Set	Terminology	Annual Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Influenza Vaccination (2.16.840.1.113883.3.526.3.402): Added 1 CPT code (90689).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS149v8 - Dementia: Cognitive Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Value set Dementia & Mental Degenerations (2.16.840.1.113883.3.526.3.1005): Added 46 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1774) including 2 codes.	Value Set	Terminology	Annual Update
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes (12843005, 18170008, 19681004, 207195004, 4525004, 439708006).	Value Set	Terminology	Annual Update
Value set Behavioral/Neuropsych Assessment (2.16.840.1.113883.3.526.3.1023): Deleted 3 CPT codes (96118, 96119, 96120). Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1775) including 1 code.	Value Set	Terminology	Annual Update
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS153v8 - Chlamydia Screening for Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated authorDatetime logic in 'Pregnancy Test Exclusion Definition' to occur 7 days or less on or after day of Pregnancy test.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Delivery Live Births (2.16.840.1.113883.3.464.1003.111.12.1015): Deleted 116 SNOMED CT codes. Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.198.11.1146) including 10 codes.	Value Set	Terminology	Annual Update
Value set Gonococcal Infections and Venereal Diseases (2.16.840.1.113883.3.464.1003.112.12.1001): Deleted 1 SNOMED CT code (186932009).	Value Set	Terminology	Annual Update
Value set Syphilis (2.16.840.1.113883.3.464.1003.112.12.1002): Added 1 SNOMED CT code (735515000).	Value Set	Terminology	Annual Update
Value set Complications of Pregnancy, Childbirth and the Puerperium (2.16.840.1.113883.3.464.1003.111.12.1012): Added 14 ICD-10-CM codes and deleted 1 ICD-10-CM code (O86.0). Added 3 SNOMED CT codes (91948008, 769087009, 765182005) and deleted 25 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Other Female Reproductive Conditions (2.16.840.1.113883.3.464.1003.111.12.1006): Added 4 SNOMED CT codes (39591000119109, 707577004, 712584009, 712585005) and deleted 2 SNOMED CT codes (415168001, 415168001).	Value Set	Terminology	Annual Update
Value set Inflammatory Diseases of Female Reproductive Organs (2.16.840.1.113883.3.464.1003.112.12.1004): Deleted 6 SNOMED CT codes (186242002, 19372002, 198212006, 198220008, 403482003, 54275000).	Value Set	Terminology	Annual Update
Value set X-Ray Study (all inclusive) (2.16.840.1.113883.3.464.1003.198.12.1034): Added 37 LOINC codes.	Value Set	Terminology	Annual Update
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 54 SNOMED CT codes and deleted 1 SNOMED CT code (79019005).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS154v8 - Appropriate Treatment for Children with Upper Respiratory Infection (URI)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated denominator exclusions statement to 'Exclude children who are taking antibiotics in the 30 days prior to the encounter during which the diagnosis was established' to be succinct.	Header	Denominator Exclusions	ONC Project Tracking System (JIRA): CQM-3497
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Value set Upper Respiratory Infection (2.16.840.1.113883.3.464.1003.102.12.1022): Added 1 SNOMED CT code (43692000) and deleted 3 SNOMED CT codes (195708003, 281794004, 55355000).	Value Set	Terminology	Annual Update
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Deleted 3 RxNorm codes (1801142, 310156, 877486).	Value Set	Terminology	Annual Update
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added 206 SNOMED CT codes and deleted 15 SNOMED CT codes.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS155v8 - Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement to clarify that only the BMI percentile is valid for this measure because BMI norms for youth vary with age and sex.	Header	Guidance	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Height (2.16.840.1.113883.3.464.1003.121.12.1014): Deleted 1 LOINC code (3138-5).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS156v8 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement with removal of cumulative medication duration as it was outdated.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-3153
Updated guidance statement for Numerator 2 to include 'on different days' to clarify the intent of the multiple high risk medication orders.	Header	Guidance	Measure Lead
Updated numerator statement for Numerator 2 to include 'on different days' to clarify the intent of the multiple high risk medication orders.	Header	Multiple Sections	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Removed duplicate medication 'Acetaminophen / Diphenhydramine / Phenylephrine' in definition 'Same High Risk Medications Ordered on Different Days.'	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Acetaminophen / Chlorpheniramine / Dextromethorphan / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1321): Deleted 1 RxNorm code (1293298).	Value Set	Terminology	Annual Update
Value set Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1343): Deleted 1 RxNorm code (1876117).	Value Set	Terminology	Annual Update
Value set Acetaminophen / Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1350): Deleted 1 RxNorm code (1245374).	Value Set	Terminology	Annual Update
Value set Diphenhydramine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1371): Deleted 1 RxNorm code (1049918).	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.464.1003.101.11.1206): Renamed to Ophthalmologic Services.	Value Set	Terminology	Annual Update

CMS156v8 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set List of Single RxNorm Code Concepts for High Risk Drugs for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1272): Added RxNorm extensional value set (2.16.840.1.113883.3.464.1003.196.11.1302) including 1 code. Deleted 2 RxNorm codes (1291711, 251050).	Value Set	Terminology	Annual Update
Value set High Risk Medications for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1253): Added 1 RxNorm code (1664543) and deleted 12 RxNorm codes.	Value Set	Terminology	Annual Update
Value set Chlorpheniramine / Phenylephrine / Phenyltoloxamine (2.16.840.1.113883.3.464.1003.196.12.1453): Removed Chlorpheniramine / Phenylephrine / Phenyltoloxamine.	Value Set	Terminology	Annual Update
Value set Chlorpheniramine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1301): Removed Chlorpheniramine / Codeine.	Value Set	Terminology	Annual Update
Value set Chlorpheniramine / Phenylephrine / Pyrilamine (2.16.840.1.113883.3.464.1003.196.12.1309): Removed Chlorpheniramine / Phenylephrine / Pyrilamine.	Value Set	Terminology	Annual Update
Value set Brompheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1327): Removed Brompheniramine / Phenylephrine.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set High Risk Medications for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1253): Removed three RxNorm extensional value sets (2.16.840.1.113883.3.464.1003.196.11.1454, 2.16.840.1.113883.3.464.1003.196.11.1310, 2.16.840.1.113883.3.464.1003.196.11.1379).	Value Set	Terminology	Measure Lead
Value set List of Single RxNorm Code Concepts for High Risk Drugs for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1272): Removed two RxNorm extensional value sets (2.16.840.1.113883.3.464.1003.196.11.1379, 2.16.840.1.113883.3.464.1003.196.11.1454).	Value Set	Terminology	Measure Lead

CMS157v8 - Oncology: Medical and Radiation – Pain Intensity Quantified

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated rationale statement in-text citation date for updated reference.	Header	Rationale	Measure Lead
Updated clinical recommendation statement to align with current guideline.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement related to radiation treatment management CPT code (77427).	Header	Guidance	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Value set Chemotherapy Administration (2.16.840.1.113883.3.526.3.1027): Deleted 4 CPT codes (96411, 96415, 96417, 96423).	Value Set	Terminology	Annual Update
Value set Cancer (2.16.840.1.113883.3.526.3.1010): Added 4 SNOMED CT codes (702391001, 763131005, 764791008, 767448007) and deleted 3 SNOMED CT codes (186709004, 186723002, 186725009). Added 29 ICD-10-CM codes.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS159v8 - Depression Remission at Twelve Months

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated rationale statement to align with most recent literature and revised text to include the acronym MDE for major depressive episode.	Header	Rationale	Measure Lead
Updated clinical recommendation statement by deleting definitions for Response, Remission, Recovery, Relapse, and Recurrence to improve clarity.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated definition statement with addition of text for Index Event Date to align with measure intent: 'Patients may be screened using PHQ-9 and PHQ-9M up to 7 days prior to the office visit (including the day of the office visit).'	Header	Definition	ONC Project Tracking System (JIRA): CQM-3045
Updated initial population statement with addition of text to align with measure intent: 'or up to 7 days prior to.'	Header	Initial Population	ONC Project Tracking System (JIRA): CQM-3045
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to allow the PHQ-9/PHQ-9M depression assessment to be administered during the index encounter or up to 7 days prior to the encounter.	Logic	Initial Population	ONC Project Tracking System (JIRA): CQM-3045
Revised logic to replace the direct reference code with the 'PHQ 9 and PHQ 9M Tools' value set to improve alignment with measure intent.	Logic	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set (2.16.840.1.113883.3.600.1.1579): Renamed to Palliative or Hospice Care.	Value Set	Terminology	Annual Update
Value set PHQ 9 and PHQ 9M Tools (2.16.840.1.113883.3.67.1.101.1.263): Added PHQ 9 and PHQ 9M Tools.	Value Set	Terminology	Annual Update
Value set Bipolar Disorder (2.16.840.1.113883.3.67.1.101.1.128): Added 8 SNOMED CT codes (133091000119105, 261000119107, 723903001, 723905008, 765176007, 767631007, 767635003, 767636002).	Value Set	Terminology	Annual Update
Value set Personality Disorder (2.16.840.1.113883.3.67.1.101.1.246): Added 6 SNOMED CT codes (21586000, 24315006, 33693007, 430744005, 430751001, 76105009).	Value Set	Terminology	Annual Update
Value set Schizophrenia or Psychotic Disorder (2.16.840.1.113883.3.464.1003.105.12.1104): Added 4 SNOMED CT codes (31027006, 36158005, 55736003, 88975006).	Value Set	Terminology	Annual Update
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Added 2 SNOMED CT codes (16264901000119109, 104851000119103).	Value Set	Terminology	Annual Update

CMS159v8 - Depression Remission at Twelve Months

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced direct reference code 'Patient Health Questionnaire 9 item (PHQ-9) total score [Reported]' using 'LOINC Code (44261-6)' with value set 'PHQ 9 and PHQ 9M Tools' (2.16.840.1.113883.3.67.1.101.1.263).	Value Set	Terminology	Measure Lead
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Direct reference code for Dead (finding) (SNOMED CT Code (419099009)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS160v8 - Depression Utilization of the PHQ-9 Tool

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated rationale statement to align with most recent literature and revised text to include the acronym MDE for major depressive episode.	Header	Rationale	Measure Lead
Updated clinical recommendation statement by deleting definitions for Response, Remission, Recovery, Relapse, and Recurrence to improve clarity.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised logic to replace the direct reference code with the 'PHQ 9 and PHQ 9M Tools' value set to improve alignment with measure intent.	Logic	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Bipolar Disorder (2.16.840.1.113883.3.67.1.101.1.128): Added 8 SNOMED CT codes (133091000119105, 261000119107, 723903001, 723905008, 765176007, 767631007, 767635003, 767636002).	Value Set	Terminology	Annual Update
Value set (2.16.840.1.113883.3.600.1.1579): Renamed to Palliative or Hospice Care.	Value Set	Terminology	Annual Update
Value set Personality Disorder (2.16.840.1.113883.3.67.1.101.1.246): Added 6 SNOMED CT codes (21586000, 24315006, 33693007, 430744005, 430751001, 76105009).	Value Set	Terminology	Annual Update
Value set Schizophrenia or Psychotic Disorder (2.16.840.1.113883.3.464.1003.105.12.1104): Added 4 SNOMED CT codes (31027006, 36158005, 55736003, 88975006).	Value Set	Terminology	Annual Update
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Added 2 SNOMED CT codes (16264901000119109, 104851000119103).	Value Set	Terminology	Annual Update
Value set PHQ 9 and PHQ 9M Tools (2.16.840.1.113883.3.67.1.101.1.263): Added PHQ 9 and PHQ 9M Tools.	Value Set	Terminology	Annual Update
Replaced direct reference code 'Patient Health Questionnaire 9 item (PHQ-9) total score [Reported]' using 'LOINC Code (44261-6)' with value set 'PHQ 9 and PHQ 9M Tools' (2.16.840.1.113883.3.67.1.101.1.263).	Value Set	Terminology	Measure Lead
Direct reference code for Birth date (LOINC Code (21112-8)) is now displayed in Human Readable.	Value Set	Terminology	Annual Update
Direct reference code for Dead (finding) (SNOMED CT Code (419099009)) is now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update

CMS160v8 - Depression Utilization of the PHQ-9 Tool

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eQm value set files.	Value Set	Terminology	Measure Lead

CMS161v8 - Adult Major Depressive Disorder (MDD): Suicide Risk Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated rationale statement to align with measure updates.	Header	Rationale	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated definition statement for 'Suicide Risk Assessment' to reflect clinical expert recommendations.	Header	Definition	Measure Lead
Updated guidance statement to align with measure changes and per clinical expert recommendations.	Header	Guidance	Measure Lead
Updated guidance statement related to telehealth encounters based on clinical expert recommendations.	Header	Guidance	Expert Work Group Review
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated 'Major Depressive Disorder Encounter' definition to allow for Telehealth Services encounters to meet visit requirements based upon clinical expert recommendations.	Logic	Multiple Sections	Expert Work Group Review
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Major Depressive Disorder-Active (2.16.840.1.113883.3.526.3.1491): Added 17 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Psychoanalysis (2.16.840.1.113883.3.526.3.1141): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1778) including 2 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Value set Telehealth Services (2.16.840.1.113883.3.464.1003.101.12.1031): Added Telehealth Services.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS165v8 - Controlling High Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated description statement to include overlapping diagnosis of hypertension and the measurement period to align with most recent guidelines.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement related to blood pressure measurement readings to provide more details and align with newest guidelines.	Header	Guidance	Measure Lead
Updated initial population statement by replacing 'within first six months of the measurement period or any time prior to' with 'overlapping' measurement period to align with most recent guidelines. Added 'visit' to Initial Population.'	Header	Initial Population	Measure Lead
Updated denominator exclusions statement with addition of patients with advanced illness and frailty because it is unlikely that patients will need the services being measured.	Header	Denominator Exclusions	Measure Lead
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Header	Denominator Exclusions	Measure Lead
Updated numerator statement to 'Patients whose most recent blood pressure is adequately controlled (systolic blood pressure < 140 mmHg and diastolic blood pressure < 90 mmHg) during the measurement period' to be succinct.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Revised to include hypertension overlaps measurement period to align with most recent guidelines.	Logic	Initial Population	Measure Lead
Revised logic to include new exclusion for patients with advanced illness and frailty. The new logic excludes patients who are 80 or older, use of frailty devices, dementia medications and encounters with diagnosis of advance illness encompassing the measurement period or encounter.	Logic	Denominator Exclusions	Measure Lead
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with the HEDIS parent measure exclusion.	Logic	Denominator Exclusions	Measure Lead
Updated Numerator logic to use the lowest systolic and diastolic reading on the day of the most recent blood pressure.	Logic	Numerator	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update

CMS165v8 - Controlling High Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-1.2.000).	Logic	Multiple Sections	Measure Lead
Added new CQL library with advanced illness and frailty exclusion definitions (AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	Logic	Multiple Sections	Measure Lead
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1772) including 2 codes.	Value Set	Terminology	Annual Update
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 4 CPT codes (1019320, 90957, 90958, 90959).	Value Set	Terminology	Annual Update
Value set Essential Hypertension (2.16.840.1.113883.3.464.1003.104.12.1011): Added 1 SNOMED CT code (762463000).	Value Set	Terminology	Annual Update
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.109.11.1067) including 6 codes.	Value Set	Terminology	Annual Update
Value set Kidney Transplant Recipient (2.16.840.1.113883.3.464.1003.109.12.1029): Deleted 1 ICD-10-CM code (V42.0).	Value Set	Terminology	Annual Update
Value set Acute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1083): Added Acute Inpatient.	Value Set	Terminology	Annual Update
Value set Advanced Illness (2.16.840.1.113883.3.464.1003.110.12.1082): Added Advanced Illness.	Value Set	Terminology	Annual Update
Value set Nonacute Inpatient (2.16.840.1.113883.3.464.1003.101.12.1084): Added Nonacute Inpatient.	Value Set	Terminology	Annual Update
Value set ED (2.16.840.1.113883.3.464.1003.101.12.1085): Added ED.	Value Set	Terminology	Annual Update
Value set Observation (2.16.840.1.113883.3.464.1003.101.12.1086): Added Observation.	Value Set	Terminology	Annual Update
Value set Outpatient (2.16.840.1.113883.3.464.1003.101.12.1087): Added Outpatient.	Value Set	Terminology	Annual Update
Value set Frailty Device (2.16.840.1.113883.3.464.1003.118.12.1300): Added Frailty Device.	Value Set	Terminology	Annual Update
Value set Frailty Encounter (2.16.840.1.113883.3.464.1003.101.12.1088): Added Frailty Encounter.	Value Set	Terminology	Annual Update
Value set Frailty Symptom (2.16.840.1.113883.3.464.1003.113.12.1075): Added Frailty Symptom.	Value Set	Terminology	Annual Update
Value set Frailty Diagnosis (2.16.840.1.113883.3.464.1003.113.12.1074): Added Frailty Diagnosis.	Value Set	Terminology	Annual Update
Value set Dementia Medications (2.16.840.1.113883.3.464.1003.196.12.1510): Added Dementia Medications.	Value Set	Terminology	Annual Update
Value set Care Services in Long-Term Residential Facility (2.16.840.1.113883.3.464.1003.101.12.1014): Added Care Services in Long-Term Residential Facility.	Value Set	Terminology	Annual Update
Value set Nursing Facility Visit (2.16.840.1.113883.3.464.1003.101.12.1012): Added Nursing Facility Visit.	Value Set	Terminology	Annual Update
Value set Adult Outpatient Visit (2.16.840.1.113883.3.464.1003.101.12.1065): Removed Adult Outpatient Visit.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS177v8 - Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated definition statement to align with clinical expert recommendations.	Header	Definition	Expert Work Group Review
Updated guidance statement related to telehealth encounters based on clinical expert recommendations.	Header	Guidance	Expert Work Group Review
Updated guidance statement to align with clinical expert recommendations.	Header	Guidance	Expert Work Group Review
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated 'Major Depressive Disorder Encounter' definition to allow for Telehealth Services encounters to meet visit requirements based upon clinical expert recommendations.	Logic	Multiple Sections	Expert Work Group Review
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Psych Visit - Family Psychotherapy (2.16.840.1.113883.3.526.3.1018): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1780) including 1 code.	Value Set	Terminology	Annual Update
Value set Group Psychotherapy (2.16.840.1.113883.3.526.3.1187): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1779) including 1 code.	Value Set	Terminology	Annual Update
Value set Major Depressive Disorder-Active (2.16.840.1.113883.3.526.3.1491): Added 17 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Psychoanalysis (2.16.840.1.113883.3.526.3.1141): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1778) including 2 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.	Value Set	Terminology	Annual Update
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1777) including 13 codes.	Value Set	Terminology	Annual Update
Value set Telehealth Services (2.16.840.1.113883.3.464.1003.101.12.1031): Added Telehealth Services.	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS249v2 - 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 eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated header statements for the FRAX 10-year probability of all major osteoporosis related fracture results from 9.3% to 8.4% based on updated clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement with removal of cumulative medication duration as it was outdated.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-3153
Updated header statements for the FRAX 10-year probability of all major osteoporosis related fracture results from 9.3% to 8.4% based on updated clinical guidelines.	Header	Guidance	Measure Lead
Updated header statements for the FRAX 10-year probability of all major osteoporosis related fracture results from 9.3% to 8.4% based on updated clinical guidelines.	Header	Denominator Exclusions	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added logic for glucocorticoid average daily dosing to improve alignment with measure intent.	Logic	Denominator Exclusions	Measure Lead
Added the unit 'drinks/day' to express the average number of drinks per day as a quantity rather than an integer for clarity and to improve alignment with measure intent.	Logic	Denominator Exclusions	Measure Lead
Changed the probability assessment result from 9.3% to 8.4% in the 'Osteoporosis Fracture Probability Assessment' definition to align with updated clinical guidelines.	Logic	Denominator Exclusions	Measure Lead
Changed definition name from 'Average of More Than Two Drinks Per Drinking Day' to 'First Average Number of Drinks Assessments Indicating More Than Two Per Day' to better align with the measure intent.	Logic	Definitions	Measure Lead
Changed the probability assessment result from 9.3% to 8.4% in the 'Osteoporosis Fracture Probability Assessment' definition to align with updated clinical guidelines.	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Added new CQL library for day and month timing (DayMonthTimings-1.2.000).	Logic	Multiple Sections	Measure Lead
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Chronic Liver Disease (2.16.840.1.113883.3.464.1003.199.12.1035): Added 9 SNOMED CT codes (737202006, 767809001, 767810006, 768006009, 768125005, 768126006, 768127002, 768288001, 768289009).	Value Set	Terminology	Annual Update
Value set Glucocorticoids (oral only) (2.16.840.1.113883.3.464.1003.196.12.1266): Deleted 2 RxNorm codes (197543, 197545).	Value Set	Terminology	Annual Update

CMS249v2 - Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Marfan's Syndrome (2.16.840.1.113883.3.464.1003.113.12.1048): Added 1 SNOMED CT code (763839005).	Value Set	Terminology	Annual Update
Value set Type 1 Diabetes (2.16.840.1.113883.3.464.1003.103.12.1020): Added 24 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Ten-year probability of all major osteoporosis related fracture (2.16.840.1.113883.3.464.1003.118.12.1081): Removed Ten-year probability of all major osteoporosis related fracture.	Value Set	Terminology	Annual Update
Value set Osteoporosis (2.16.840.1.113883.3.464.1003.113.12.1038): Added 1 SNOMED CT code (203657009).	Value Set	Terminology	Annual Update
Replaced Ten year probability of hip fracture (2.16.840.1.113883.3.464.1003.118.11.1095) with direct reference code LOINC code (90265-0).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eQm value set files.	Value Set	Terminology	Measure Lead
Replaced Ten year probability of hip fracture (2.16.840.1.113883.3.464.1003.118.11.1095) with direct reference code LOINC code (90265-0).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (307469008)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396140003)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396131002)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (225756002)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396143001)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (307468000)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396139000)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396126004)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (225754004)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396127008)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (307470009)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396125000)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (225752000)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (307439001)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (229797004)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396109005)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396108002)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396107007)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (229798009)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (229799001)).	Value set	Terminology	Measure Lead
Added direct reference code (SNOMED CT code (396111001)).	Value set	Terminology	Measure Lead

CMS347v3 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated the rate aggregation statement to provide more specific instruction regarding the performance rate calculation.	Header	Rate Aggregation	Measure Lead
Updated the rationale to align with the most recent literature.	Header	Rationale	Expert Work Group Review
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated guidance statement to clarify the calculation of the performance rate is the weighted average of the three populations.	Header	Guidance	Expert Work Group Review
Updated denominator exceptions statement for 'Patients receiving palliative care' to 'Patients receiving palliative or hospice care' to align with the measure intent.	Header	Denominator Exceptions	ONC Project Tracking System (JIRA): CQM-3022
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Modified the 'Has Diabetes' definition to use the 'overlaps' operator, instead of 'starts before end of.'	Logic	Definitions	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Moderate intensity statin therapy (2.16.840.1.113762.1.4.1047.98): Added 2 RxNorm codes (1790679, 1944264).	Value Set	Terminology	Annual Update
Value set Low intensity statin therapy (2.16.840.1.113762.1.4.1047.107): Added 2 RxNorm codes (1790679, 1944264).	Value Set	Terminology	Annual Update
Value set Outpatient Encounters for Preventive Care (2.16.840.1.113762.1.4.1047.9): Deleted 2 SNOMED CT codes (30346009, 37894004).	Value Set	Terminology	Annual Update
Value set Carotid Intervention (2.16.840.1.113883.3.117.1.7.1.204): Deleted 4 SNOMED CT codes (209760000, 25007007, 55493009, 75538004).	Value Set	Terminology	Annual Update
Value set CABG Surgeries (2.16.840.1.113883.3.666.5.694): Added 4 SNOMED CT codes (736970002, 736971003, 736972005, 736973000).	Value Set	Terminology	Annual Update
Value set Hepatitis A (2.16.840.1.113883.3.464.1003.110.12.1024): Added 5 SNOMED CT codes (105801000119103, 165997004, 278971009, 310875001, 428030001).	Value Set	Terminology	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Statin Allergen (2.16.840.1.113762.1.4.1110.42): Added Statin Allergen.	Value Set	Terminology	Annual Update
Value set LDL-c (2.16.840.1.113883.3.117.1.7.1.215): Added LDL-c.	Value Set	Terminology	Annual Update
Value set LDL Test (2.16.840.1.113883.3.464.1003.198.11.1029): Removed LDL Test.	Value Set	Terminology	Annual Update
Value set Statin Allergen (2.16.840.1.113883.3.117.1.7.1.423): Removed Statin Allergen.	Value Set	Terminology	Annual Update

CMS347v3 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Changed the value set name from 'Palliative Care' to 'Palliative or Hospice Care' (2.16.840.1.113883.3.600.1.1579) to align with measure intent.	Value Set	Terminology	ONC Project Tracking System (JIRA): CQM-3022
Created Statin Allergen (2.16.840.1.113762.1.4.1110.41) with 1 SNOMED code (372912004) and combined with Statin Allergen (2.16.840.1.113883.3.117.1.7.1.423) to create the grouping value set Statin Allergen (2.16.840.1.113762.1.4.1110.42).	Value Set	Terminology	Measure Lead
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Standardized purpose statement language in value sets across eQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1001 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1002 (ICD-10-CM), and 2.16.840.1.113883.3.464.1003.103.11.1003 (SNOMED CT)). Added eight extensional value sets (2.16.840.1.113883.3.464.1003.103.11.1025 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1026 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1027 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1030 (SNOMED CT), 2.16.840.1.113883.3.464.1003.103.11.1031 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1032 (ICD-10-CM), 2.16.840.1.113883.3.464.1003.103.11.1033 (ICD-9-CM), 2.16.840.1.113883.3.464.1003.103.11.1034 (ICD-9-CM)).	Value Set	Terminology	Measure Lead

CMS349v2 - HIV Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated the description statement to clarify age criteria for HIV testing and during measurement period.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated references.	Header	Reference	Measure Lead
Updated the guidance statement to clarify that the LOINC code (75622-1) is used to document external HIV test results, and not a value set.	Header	Guidance	ONC Project Tracking System (JIRA): CQM-3402
Updated the guidance statement for clarity and to align with measure intent.	Header	Guidance	Measure Lead
Updated the initial population statement for clarity and to align with measure intent.	Header	Initial Population	Measure Lead
Updated the numerator statement for clarity and to align with measure intent.	Header	Numerator	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays.	Logic	Multiple Sections	Standards Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Standards Update
Value set Conditions Due To Human Immunodeficiency Virus (HIV) (2.16.840.1.113762.1.4.1056.54): Deleted 1 ICD-9-CM code (042-042.99). Deleted 3 ICD-10-CM codes (B20-B20, O98.7, O98.71). Added 12 SNOMED CT codes and deleted 61 SNOMED CT codes.	Value Set	Terminology	Annual Update
Value set Human Immunodeficiency Virus (HIV) Laboratory Test Codes (Ab and Ag) (2.16.840.1.113762.1.4.1056.50): Added 15 LOINC codes and deleted 3 LOINC codes (6429-5, 6430-3, 6431-1).	Value Set	Terminology	Annual Update
Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Value Set	Terminology	Standards Update
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead

CMS645v3 - 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 eCQM version number.	Header	eCQM Version number	Measure Lead
Updated the description statement with removal of '(indicated by HCPCS code)' because the code is being replaced by new SNOMED CT code. This change is also listed in guidance.	Header	Description	Measure Lead
Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Updated guidance statement to reflect that the new SNOMED CT code 456381000124102 replaces the custom J1950,cont code to align with updates in the logic.	Header	Guidance	Measure Lead
Updated initial population statement to 'Male patients with a qualifying encounter in the measurement period AND with a diagnosis of prostate cancer AND with an order for ADT or an active medication of ADT with an intent for treatment greater than or equal to 12 months during the measurement period' to clarify the qualifying encounter occurs in the measurement period.	Header	Initial Population	Measure Lead
Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Added Definition 'No Bone Density Scan Performed Due to Patient Refusal' and updated timeframe for measure's denominator exception. Logic adjusted to reflect the description is 'after the start of ADT.' Timing changes to 3 months or less after the start of ADT which is consistent with the denominator exception and timing of requirement for DEXA scan after ADT.	Logic	Definitions	ONC Project Tracking System (JIRA): CQM-3468
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.	Logic	Definitions and Functions	Standards Update
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3).	Logic	Multiple Sections	Standards Update
Replaced Procedure, Order: Injection leuprolide Acetate using 'Injection Leuprolide Acetate (2.16.840.1.113762.1.4.1151.16)' value set with the direct reference SNOMED CT code 456381000124102, which is Injection of leuprolide acetate for twelve month period (regime/therapy) that just recently became available and is most appropriate.	Value Set	Terminology	ONC Project Tracking System (JIRA): CQM-2935
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	Value Set	Terminology	Measure Lead