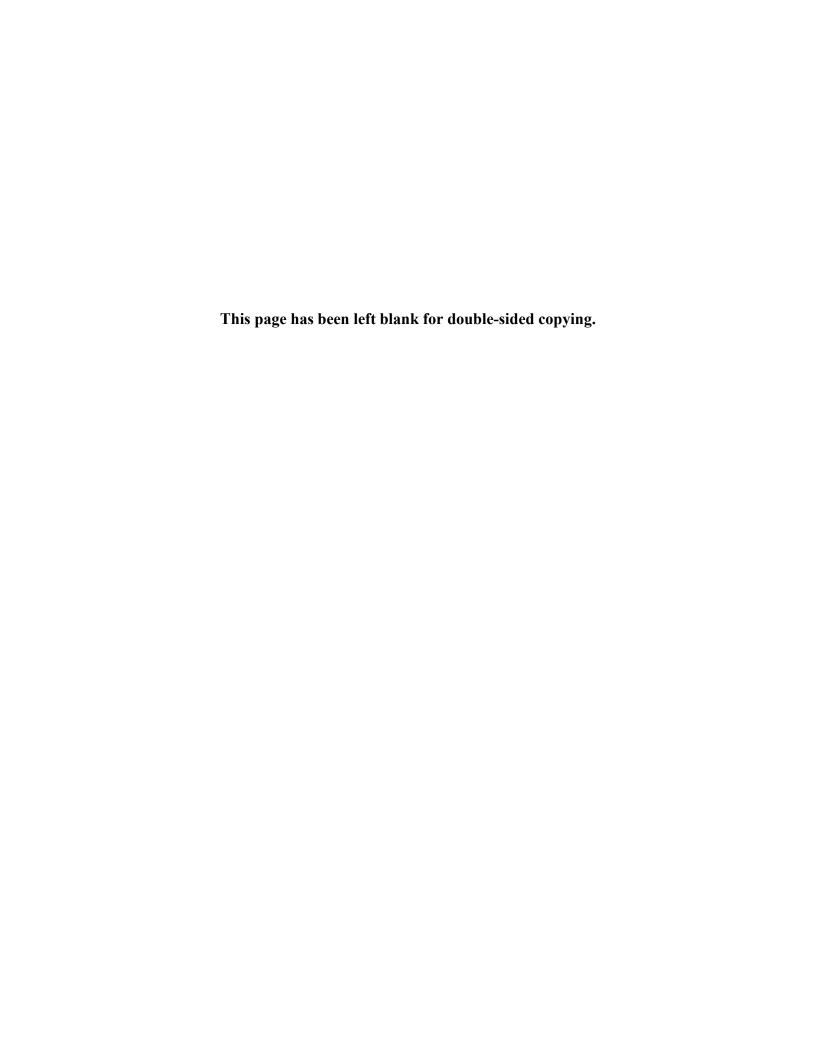
Technical Release Notes: 2020 Performance Period Electronic Clinical Quality Measures (eCQMs) for Eligible Professionals and Eligible Clinicians

Updated November 2019



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	Header	Description	Measure Lead
allow alternative methods of depression screenings, such as pre-screenings within EHRs, to more closely align			
with the measure intent.			
Updated copyright.	Header	Copyright	Annual Update
Updated rationale statement to reflect current literature, and to align with clinical guideline	Header	Rationale	Expert Work Group Review
recommendations and Healthy People 2020.			
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	Header	Guidance	Measure Lead
for positive pre-screening results to provide clarity and more closely align with the measure intent.			
Updated numerator statement to include depression screenings performed 14 days prior to the encounter to		Numerator	Measure Lead
allow alternative methods of depression screenings, such as pre-screenings within EHRs, to more closely align			
with the measure intent.			
Added denominator exceptions statement for situations where a patient's cognitive capacity, functional	Header	Denominator Exceptions	Expert Work Group Review
capacity or motivation to improve may impact the accuracy of results of standardized depression assessment			
tools to align with American College of Physicians recommendation.			
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)	Logic	Initial Population	Measure Lead
v5.4 changes.			
Updated numerator logic to include depression screenings performed 14 days prior to the encounter to allow	Logic	Numerator	Measure Lead
alternative methods of depression screenings, such as pre-screenings within EHRs, to more closely align with			
the measure intent.			
Replaced 'Intervention, Performed' with 'Assessment, Performed' to align with Quality Data Model (QDM)	Logic	Numerator	Measure Lead
v5.4 changes.			
Replaced 'Intervention, Performed' with 'Assessment, Performed' to align with Quality Data Model (QDM)	Logic	Denominator Exceptions	Measure Lead
v5.4 changes.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			6
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).		T	A I II I . I
Value set Depression Screening Encounter Codes (2.16.840.1.113883.3.600.1916): Added 11 CPT codes	Value Set	Terminology	Annual Update
(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).			

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,	Value Set	Terminology	Annual Update
61771000119106).			
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,	Value Set	Terminology	Annual Update
313497).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions use	d		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Logic	Numerator	ONC Project Tracking System
definition 'Referral to Alternate Provider' to reflect intended functionality and correct a prior			(JIRA): CQM-3129
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).			
Added 'exists' to CQL definitions 'Follow Up One Year' and 'Hypertensive Interventions at Most	Logic	Definitions	Measure Lead
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.			
Removed 'exists' and/or 'is not null' from definitions 'Has First Hypertensive Reading With	Logic	Definitions	ONC Project Tracking System
Interventions,' 'Has Prehypertensive Reading With Interventions,' and 'Has Second			(JIRA): CQM-3546
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.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for	Logic	Definitions and Functions	Standards Update
clarification and to align with CQL Style Guide.			·
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical	Logic	Multiple Sections	Standards Update
Quality Language Specification, Release 1 STU 3 (CQL 1.3).		•	
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common	Logic	Multiple Sections	Standards Update
Functions Library to align with standards changes, Clinical Quality Language (CQL) Style Guide,			
and to include two new functions related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions	Logic	Multiple Sections	Standards Update
Library (MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Standards Update
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.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose	Value Set	Terminology	Measure Lead
statements are visible in the Value Set Authority Center (VSAC) as well as the downloadable			
eCQM value set files.			
Value set Anti-Hypertensive Pharmacologic Therapy (2.16.840.1.113883.3.600.1476): Added 8	Value Set	Terminology	Annual Update
RxNorm codes (197956, 197958, 199797, 199798, 199799, 353386, 353387, 827073) and			
deleted 4 RxNorm codes (858593, 885880, 897719, 904561).			
Value set BP Screening Encounter Codes (2.16.840.1.113883.3.600.1920): Deleted 2 SNOMED	Value Set	Terminology	Annual Update
CT codes (30346009, 37894004). Added 7 CDT codes (D7111, D7220, D7230, D7240, D7241,			-
D7250, D7251).			

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	Value Set	Terminology	Annual Update
code (185717000).			
Value set Dietary Recommendations (2.16.840.1.113883.3.600.1515): Added 7 SNOMED CT	Value Set	Terminology	Annual Update
codes (289176001, 289177005, 437211000124103, 437231000124109, 437391000124102,			
437421000124105, 438961000124108).			
Value set Finding of Elevated Blood Pressure or Hypertension	Value Set	Terminology	ONC Project Tracking System
(2.16.840.1.113762.1.4.1047.514): Added Finding of Elevated Blood Pressure or Hypertension			(JIRA): CQM-3129
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 Physical Activity Recommendation (2.16.840.1.113883.3.600.1518): Deleted ICD-9-	Value Set	Terminology	Annual Update
CM extensional value set (2.16.840.1.113883.3.600.1517), including 1 ICD-9-CM code (V65.41)			

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	Header	Guidance	Measure Lead
measure intent.			
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,	Logic	Numerator	Standards Update
Performed.'			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Value set Consultant Report (2.16.840.1.113883.3.464.1003.121.12.1006): Added LOINC extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.11.20.9.31) including 193 codes.			
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1771) including 4 codes.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

CMS56v8 - Functional Status Assessment for Total Hip Replacement

Updated eCQM version number Measure Lead Updated copyright Annual Update Dudated copyright Annual Update Dudated carbonale. Header Rationale Measure Lead Updated clinical recommendation statement. Header Rationale Measure Lead Updated clinical recommendation statement. Header Rationale Statement Statement Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated references. Measure Lead Updated references. Measure Lead Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated guidance statement to correct grammatical errors for clarity, and to improve alignment across Header Guidance Measure Lead Updated pullple sections in header by defining acronyms and correcting grammatical errors for clarity. Header Multiple Sections ONC Project Tracking System Updated multiple sections in header by defining acronyms and correcting grammatical errors for clarity. Header Multiple Sections ONC Project Tracking System Updated purporter functional status assessments using the same tool before and after the procedure to Logic Numerator ONC Project Tracking System Updated parenthetical clatitions to align with American Psychological Association (APA) style. Header Multiple Sections Measure Lead Measure Lead Multiple Sections Measure Lead Updated version	Technical Release Notes	Type of TRN	Measure Section	Source of Change
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Updated references to align with American Psychological Association (APA) style. Updated references. Updated references. Updated references. Header Reference Measure Lead Updated guidance statement to correct grammatical errors for clarity and to improve alignment across Header Guidance Measure Lead Updated guidance statement to correct grammatical errors for clarity and to improve alignment across Header Guidance Measure Lead Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated the manuscript of the Measure Lead Measure Lead Multiple Sections Measure Lead (Updated Updated	Updated rationale.	Header	Rationale	Measure Lead
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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 Logic Numerator Unitary (JIRA): COM-3114 (September 2014) (September 2014	measures.			
Updated parenthetical citations to align with American Psychological Association (APA) style. Header Multiple Sections Measure Lead	Updated multiple sections in header by defining acronyms and correcting grammatical errors for clarity.	Header	Multiple Sections	
Added logic to capture functional status assessments using the same tool before and after the procedure to logic limprove alignment with measure intent. Meplaced Numerator definitions 'Total Hip Arthroplasty with Initial Assessment' and 'Hip Assessment 270 to logic Definitions ONC Project Tracking System (JIRA): CQM-3114 Assessed Initial and Followup Procedure' with 'Assessed Initial and Followup HOOS with THA', 'Assessed Initial and Followup PROMIS10 with THA', 'Assessed Initial and Followup PROMIS10 with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique with THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique With THA', and 'Assessed Initial and Followup VR12 Oblique Wit	Undated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	
Improve alignment with measure intent. Replaced Numerator definitions of Total Hip Arthroplasty with initial Assessment and 'Hip Assessment 270 to Logic Definitions ONC Project Tracking System 355 Days after Total Hip Arthroplasty Procedure' with 'Assessed Initial and Followup HOOS with THA', 'Assessed Initial and Followup PROMIS10 with THA', 'Assessed Initial and Followup PROMIS114 with THA', 'Assessed Initial and Followup PROMIS10 with THA', 'Assessed Initia			•	
Replaced Numerator definitions "Total Hip Arthroplasty with Initial Assessment" and "Hip Assessment 270 to Logic Definitions 365 Days after Total Hip Arthroplasty Procedure" with "Assessed Initial and Followup HOSDs" with "THA", "Assessed Initial and Followup HOSDs" with "THA", "Assessed Initial and Followup HOSDs" with "THA", "Assessed Initial and Followup WR12 Ofthogonal with THA", "Assessed Initial and Followup WR12 Ofthogonal with THA" to capture functional status assessments using the same tool before and after the procedure to improve alignment with measure intent. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). 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. 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 Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Replaced value set VR12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with direct Value Set Terminology Annual Update reference codes (LOINC codes (72026-8, 72028-4)). Replaced value set VR12 Cholocodes (72025-0, 72027-6). Replaced value set PROMIS 10 Global Mental Health Score (2.16.840.1.113883.3.464.1003.118.12.1138) with Value Set Terminology Annual Update direct reference code (LOINC code (71971-6)). Value set Primary THA Procedure (2.16.840.1.113883.3.464.1003.198.12.1006): Deleted 1 SNOMED CT code Value Set Terminology Annual Update direct reference code (L		6		
365 Days after Total Hip Arthroplasty Procedure' with 'Assessed Initial and Followup HOOS with THA', 'Assessed Initial and Followup HOOS with THA', 'Assessed Initial and Followup W12 Oblique with THA', 'Assessed Initial and Followup W12 Othogonal with THA' to capture functional status assessments using the same tool before and after the procedure to improve alignment with measure intent. Updated names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). 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. Updated version number of the Hospice Library (Hospice-2.0.000). Updated version number of the Hospice Library (Hospice-2.0.000). Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Replaced value set VR12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with direct Value Set Terminology Annual Update reference codes (LOINC codes (72026-8, 72028-4)). Replaced value set VR12 Physical Component T Score (2.16.840.1.113883.3.464.1003.118.12.1176) with Value Set Terminology Annual Update direct reference codes (LOINC codes (72025-0, 72027-6). Replaced value set PROMIS 10 Global Physical Health Score (2.16.840.1.113883.3.464.1003.118.12.1139) with Value Set Terminology Annual Update direct reference code (LOINC code (71969-0)). Replaced value set PROMIS 10 Global Physical Health Score (2.16.840.1.113883.3.464.1003.118.12.1139) with Value Set Terminology Annual Update direct reference code (LOINC code (71971-6)).		Logic	Definitions	
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Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable. Value Set Terminology Annual Update	<u>(</u> 55423004).			
	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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions us	ed		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Guidance	Measure Lead
measures.			
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	Logic	Numerator	ONC Project Tracking System
improve alignment with measure intent.			(JIRA): CQM-3114
Replaced numerator definitions 'Total Knee Arthroplasty with Initial Assessment' and 'Knee Assessment 270 to	o Logic	Definitions	ONC Project Tracking System
365 Days after Total Knee Arthroplasty Procedure' with 'Assessed Initial and Follow up KOOS with TKA',			(JIRA): CQM-3114
'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.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.	· ·		·
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).	· ·	·	·
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions	· ·	·	·
related to calculating hospital stays.			
<u> </u>	Logic	Multiple Sections	Standards Update
related to calculating hospital stays. 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 Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic		Standards Update Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000). Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections Multiple Sections Terminology	<u> </u>
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000).	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000). Updated version number of the Hospice Library (Hospice-2.0.000). Replaced value set VR12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with direct	Logic	Multiple Sections	Measure Lead
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000). Updated version number of the Hospice Library (Hospice-2.0.000). 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)).	Logic Value Set	Multiple Sections Terminology	Measure Lead Annual Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000). Updated version number of the Hospice Library (Hospice-2.0.000). 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)). Replaced value set VR12 Physical Component T Score (2.16.840.1.113883.3.464.1003.118.12.1176) with	Logic t Value Set Value Set	Multiple Sections Terminology	Measure Lead Annual Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000). Updated version number of the Hospice Library (Hospice-2.0.000). 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)). 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).	Logic t Value Set Value Set	Multiple Sections Terminology Terminology	Measure Lead Annual Update Annual Update
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library (MATGlobalCommonFunctions-4.0.000). Updated version number of the Hospice Library (Hospice-2.0.000). 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)). 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). Replaced value set PROMIS 10 Global Mental Health Score (2.16.840.1.113883.3.464.1003.118.12.1138) with	Logic t Value Set Value Set Value Set	Multiple Sections Terminology Terminology	Measure Lead Annual Update 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	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.118.12.1153) with direct reference code (LOINC code (72100-1)).			
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Pain Score	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.118.12.1180) with direct reference code (LOINC code (72102-7)).			
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Sport Recreation Score	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.118.12.1152) with direct reference code (LOINC code (72099-5)).			
Replaced value set Knee Dysfunction and Osteoarthritis Outcome Score [KOOS] Symptoms Score	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.118.12.1182) with direct reference code (LOINC code (72101-9)).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	d		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Expert Work Group Review
		Statement	
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Medications Encounter Code Set (2.16.840.1.113883.3.600.1.1834): Deleted 2 SNOMED CT codes	Value Set	Terminology	Annual Update
(30346009, 37894004).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	ł		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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

Updated clinical recommendation statement to align with updated clinical guideline. Distance Header Header Header Reference Measure Lead Meas	Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated copyright. Updated copyright. Header of Copyright Annual Update Deptated and a copyright and the properties of t	Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated critionale statement to align with recent literature. Updated clinical recommendation statement to align with updated clinical guideline. Updated references to align with American Psychological Association (APA) style. Updated references to align with American Psychological Association (APA) style. Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic Header Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic Header Denominator Exclusions Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving palliative or hospice care' to align with the measure intent. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CLL Style Guide. Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, Not Ordered' for Above and Below Updated Clinical Quality Language (CQL) expression to conform with the HLT Standard: Clinical Quality Updated Clinical Quality Language (CQL) expression to conform with the HLT Standard: Clinical Quality Updated Verification, Release 1 STU 3 (CQL 1.3). Updated Verification, Release 1 STU 3 (CQL 1.3). Updated Verification and functions and function	Added 'e' to NQF number.	Header	NQF Number	Standards Update
Updated clinical recommendation statement to align with updated clinical guideline. Header Statement Statement Statement Statement Statement Statement Statement Statement Statement Reference Measure Lead Updated references. Measure Lead Updated references. Measure Lead Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic Header Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Dadated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Dadated parentletical citations to align with American Psychological Association (APA) style. Header Denominator Exclusions ONC Project Tracking System Updated parentletical 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 American Psychological Association (APA) style. Header Multiple Sections Measure Lead Updated the names of Clinical Quality Language (CQL) style Guide. Added a 'union' operator of Intervention, Performed' for each 'Intervention, Not Performed' for each 'Intervention, Performed' for each 'Intervention, Performed' for each 'Intervention, Not Deredor' for Above and Below Note a	Updated copyright.	Header	Copyright	Annual Update
Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated references. Updated references. Updated references. Wheather the Reference Measure Lead Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic Header Denominator Exclusions (DNC Project Tracking System Jurian) (DNC	Updated rationale statement to align with recent literature.	Header	Rationale	Expert Work Group Review
Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated references. Measure Lead Updated references. Measure Lead Updated references. Measure Lead Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic Patients receiving Palliative care' to 'Patients receiving Palliative Care' to 'Palliative Ca	Updated clinical recommendation statement to align with updated clinical guideline.	Header	Clinical Recommendation	Expert Work Group Review
Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic bedated denominator exclusions statement with removal of follow-up refusal wording to align with logic Denominator Exclusions Unitary CoM-3133 Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Header Denominator Exclusions ONC Project Tracking System (JIRA): COM-3133 Updated denominator exclusions to align with the measure intent. Updated parenthetical citations to align with American Psychological Association (APA) style. Header Multiple Sections Measure Lead Updated the aneas of Clinical Quality Language (COL) definitions, functions, and/or aliases for clarification Logic Definitions and Functions Standards Update and to align with CQL Style Guide. 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 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. Updated clinical Quality Language (COL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 15TU 3 (CQL 1.3). Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update Version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Log			Statement	
Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Header Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Palliative or hospice care' to align with the measure intent. Updated perhetical citations to align with American Psychological Association (APA) style. Header Updated parenthetical citations to align with American Psychological Association (APA) style. Header Updated parenthetical citations to align with American Psychological Association (APA) style. Header Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Syte Guide. Updated of "intervention, Syte Guide. Updated provided the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Syte Guide. Updated of "intervention, Syte Guide. Updated provided the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with Standards Update Updated of "intervention, Syte Guide. Updated provided the names of Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Updated of Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Updated Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MIRA): COM-2903 **Standards Update** **Gravi	Updated references to align with American Psychological Association (APA) style.	Header	Reference	Measure Lead
Changes. Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving palliative	Updated references.	Header	Reference	Measure Lead
Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving Header Denominator Exclusions ONC Project Tracking System palliative or hospice care' to align with the measure intent. 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 Logic Definitions and Functions Standards Update and to align with CQL Style Guide. Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, North Performed' for each 'Univervention, Not Ordered' for Above and Below Normal Follow-up Interventions, and a 'union' operator of 'Intervention, Not Performed' for each 'Univervention, Not Ordered' for Above and Below Normal Follow-up Interventions not done due to a medical reason, to meet the measure intent. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Languages Specification, Release 1 STU 3 (CQL 1.3). Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGiobalCommonFunctions-4-0.000). Value set MB fine Founter Code Set (2.16.840.1.113883.3.600.1.1751): Deleted 2 SNOMED CT codes Value Set Terminology Annual Update (30346009, 37894004). Added 7 CDT codes (D7111, D7220, D7230, D7240, D7241, D7250, D7251). Value set Bellow Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added 7 HCPCS codes (97802, 97803, Value Set Terminology Annual Update (216.840.1.113883.3.600.1.1529): Added Gastric Proceedures CPT Value Set Term	Updated denominator exclusions statement with removal of follow-up refusal wording to align with logic	Header	Denominator Exclusions	ONC Project Tracking System
palliative or hospice care' to align with the measure intent. 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. Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, Not Performed' for each 'Union' operator of 'Intervention, Not Performed' for each 'Intervention, Not Ordered' 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 Intervention, Not Ordered' for Above and Below Normal Follow-Up Intervention, Not Ordered' for Above and Below Normal Follow-up Intervention, Not Ordered' for Above and Below Normal Follow-up Intervention, Not Ordered' for Above and Below Normal Follow-up Interventions intervention, Not Ordered' for Above and Below Normal Follow-up Interventions intervention Intervention Interventions Intervention Interventions Intervention Intervention Intervention Interventions Interventions Interventions Interventions Interventions Interventions Interventions Intervention Interventions Intervent	changes.			(JIRA): CQM-3133
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 Logic Definitions and Functions Standards Update and to align with CQL Style Guide. Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, Not Performed' for each 'Intervention, Not Ordered' 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. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). 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. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MAT) Global Common Functions Library Logic Multiple Sections Standards Update Standards Update Sections Standards Upd	Updated denominator exclusions statement for 'Patients receiving palliative care' to 'Patients receiving	Header	Denominator Exclusions	ONC Project Tracking System
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, Not Performed' for each 'Intervention, Not Drafered' for Above and Below Normal Follow-up Interventions, and a 'union' operator of 'Intervention, Not Drafered' for Above and Below Normal Follow-up Interventions not done due to a medical reason, to meet the measure intent. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). Updated Clinical Quality Language, CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). 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. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Value set BMI Encounter Code Set (2.16.840.1.113883.3.600.1.1751): Deleted 2 SNOMED CT codes (MATGlobalCommonFunctions-4.0.000). Value set Blow Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added 7 HCPCS codes (97802, 97803, 97803, 97803, 99809, 99978, 99401, 99402) and deleted 1 HCPCS code (68418). Value set Blow Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Annual Update Procedures CPT Value Set Terminology Annual Update Value Set Terminology Update (2.16.840.1.113883.3.600.1.1529): Added Gastric Procedures CPT Value Set Terminology Annual Update Value S	palliative or hospice care' to align with the measure intent.			(JIRA): CQM-3023
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Added a 'union' operator of 'Intervention, Performed' for each 'Intervention, Not Performed' for each 'Intervention, Not Drafered' for Above and Below Normal Follow-up Interventions, and a 'union' operator of 'Intervention, Not Drafered' for Above and Below Normal Follow-up Interventions not done due to a medical reason, to meet the measure intent. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). Updated Clinical Quality Language, CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). 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. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Value set BMI Encounter Code Set (2.16.840.1.113883.3.600.1.1751): Deleted 2 SNOMED CT codes (MATGlobalCommonFunctions-4.0.000). Value set Blow Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added 7 HCPCS codes (97802, 97803, 97803, 97803, 99809, 99978, 99401, 99402) and deleted 1 HCPCS code (68418). Value set Blow Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Annual Update Procedures CPT Value Set Terminology Annual Update Value Set Terminology Update (2.16.840.1.113883.3.600.1.1529): Added Gastric Procedures CPT Value Set Terminology Annual Update Value S	Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
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 '(JIRA): CQM-2903 '(JIRA):	Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
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. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3). Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to logic Multiple Sections Standards Update align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Value set BMI Encounter Code Set (2.16.840.1.113883.3.600.1.1751): Deleted 2 SNOMED CT codes Value Set Terminology Annual Update (30346009, 37894004). Added 7 CDT codes (D7111, D7220, D7230, D7241, D7250, D7251). Value set Below Normal Follow up (2.16.840.1.113883.3.600.1.1528): Added 7 HCPCS codes (97802, 97803, 9860, 99078, 99401, 99402) and deleted 1 HCPCS code (G8418). Value set Above Normal Follow-up (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Measure Lead extensional value set (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Measure Lead extensional value set (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Measure Lead extensional value set (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Measure Lead extensional value set (2.16.840.1.113883.3.600.1.1528): Added Gastric Procedures CPT Value Set Terminology Once Procedures CPT Value Set Terminology Standards Update CPT (10.1840.1.113883.3.600.1	and to align with CQL Style Guide.			
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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). 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. Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable. 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.	97804, 98960, 99078, 99401, 99402) and deleted 1 HCPCS code (G8418).			
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Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Value Set Terminology Standards Update Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	(2.16.840.1.113883.3.600.1.1579) to align with the measure intent.			(JIRA): CQM-3023
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used in the eCQM specifications for 2020 reporting/performance.	Direct reference code for Birth date (LOINC Code (21112-8)) now displayed in Human Readable.	Value Set	Terminology	Annual Update
in the eCQM specifications for 2020 reporting/performance.	Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic	Value Set	Terminology	Standards Update
	Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are Value Set Terminology Measure Lead	in the eCQM specifications for 2020 reporting/performance.			
	Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.	visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	b		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Dental Caries (2.16.840.1.113883.3.464.1003.125.12.1004): Added 9 SNOMED CT codes	Value Set	Terminology	Annual Update
(768639006, 768641007, 768643005, 768646002, 768649009, 768653006, 769017001, 769020009, 768653006, 7690170000000000000000000000000000000000			
769021008).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	l		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Numerator	ONC Project Tracking System
tools to align with logic changes based on updated clinical guidelines.			(JIRA): CQM-3182
Updated numerator statement with addition of the Minnesota Living with Heart Failure Questionnaire	Header	Numerator	Measure Lead
(MLHQF) tool to the list of functional status assessment tools to align with logic changes.			
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	Logic	Numerator	ONC Project Tracking System
assessment to improve alignment with measure intent.			(JIRA): CQM-3114
Added logic to capture initial and follow-up functional status assessments using the KCCQ-12 tool to align with	Logic	Numerator	ONC Project Tracking System
updated clinical guidelines.			(JIRA): CQM-3182
Added logic to capture initial and follow-up functional status assessments using the Minnesota Living with	Logic	Numerator	Measure Lead
Heart Failure Questionnaire (MLHQF) tool to improve alignment with measure intent.			
Replaced Numerator definitions 'Initial Congestive Heart Failure Functional Assessment' and 'Follow-up	Logic	Definitions	ONC Project Tracking System
Congestive Heart Failure Functional Assessment' with 'Assessed Initial and Follow-up PROMIS10', 'Assessed			(JIRA): CQM-3114
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.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			

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 eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Deleted 4 ICD-10-CM codes (I50.810, I50.811,	Value Set	Terminology	Annual Update
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).			
Replaced value set KCCQ Physical Limitation Score (2.16.840.1.113883.3.464.1003.118.12.1220) with direct	Value Set	Terminology	Annual Update
reference code LOINC code (72195-1).			
Replaced value set KCCQ Self Efficacy Score (2.16.840.1.113883.3.464.1003.118.12.1221) with direct	Value Set	Terminology	Annual Update
reference code LOINC code (72190-2).			
Replaced value set KCCQ Social Limitation Score (2.16.840.1.113883.3.464.1003.118.12.1222) with direct	Value Set	Terminology	Measure Lead
reference code LOINC code (72196-9).			
Replaced value set KCCQ Total Symptom Score (2.16.840.1.113883.3.464.1003.118.12.1223) with direct	Value Set	Terminology	Measure Lead
reference code LOINC code (72191-0).			
Replaced value set PROMIS 10 Global Mental Health Score (2.16.840.1.113883.3.464.1003.118.12.1138) with	Value Set	Terminology	Measure Lead
direct reference code LOINC code (71969-0).			
Replaced value set PROMIS 10 Global Physical Health Score (2.16.840.1.113883.3.464.1003.118.12.1139) with	Value Set	Terminology	Measure Lead
direct reference code LOINC code (71971-6).			
Replaced value set PROMIS 29 Anxiety Score (2.16.840.1.113883.3.464.1003.118.12.1216) with direct	Value Set	Terminology	Measure Lead
reference code LOINC code (71967-4).			
Replaced value set PROMIS 29 Depression Score (2.16.840.1.113883.3.464.1003.118.12.1215) with direct	Value Set	Terminology	Measure Lead
reference code LOINC code (71965-8).			
Replaced value set PROMIS 29 Fatigue Score (2.16.840.1.113883.3.464.1003.118.12.1214) with direct	Value Set	Terminology	Measure Lead
reference code LOINC code (71963-3).			
Replaced value set PROMIS 29 Pain Interference Score (2.16.840.1.113883.3.464.1003.118.12.1213) with	Value Set	Terminology	Measure Lead
direct reference code LOINC code (71961-7).			
Replaced value set PROMIS 29 Physical Function Score (2.16.840.1.113883.3.464.1003.118.12.1212) with	Value Set	Terminology	Measure Lead
direct reference code LOINC code (71959-1).			
Replaced value set PROMIS 29 Sleep Disturbance Score (2.16.840.1.113883.3.464.1003.118.12.1211) with	Value Set	Terminology	Measure Lead
direct reference code LOINC code (71955-9).			
Replaced value set PROMIS 29 Social Roles Score (2.16.840.1.113883.3.464.1003.118.12.1217) with direct	Value Set	Terminology	Measure Lead
reference code LOINC code (71957-5).			
Replaced value set VR 12 Mental Component T Score (2.16.840.1.113883.3.464.1003.118.12.1177) with	Value Set	Terminology	Measure Lead
direct reference code LOINC codes (72026-8, 72028-4).			
Replaced value set VR12 Physical Component T Score (2.16.840.1.113883.3.464.1003.118.12.1176) with	Value Set	Terminology	Measure Lead
direct reference code LOINC codes (72025-0, 72027-6).			
Replaced value set VR 36 Mental Component Summary (MCS) Score	Value Set	Terminology	Measure Lead
(2.16.840.1.113883.3.464.1003.118.12.1225) with direct reference code LOINC codes (71990-6, 72008-6).			
Replaced VR 36 Physical Component Summary (PCS) Score (2.16.840.1.113883.3.464.1003.118.12.1226) with	Value Set	Terminology	Measure Lead
direct reference code LOINC codes (71989-8, 72007-8).			
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

Updated eCOM version number Updated eCOM version number Updated endorsed by field to 'None.' Updated experigion statement with addition of 4 dose Hilb vaccinations to the description of the measure. Header Updated economic to the control of the Measure Lead of the Updated convergibility of the Measure Lead of Updated convergibility. Updated experigion statement with addition of 4 dose Hilb vaccinations to the description of the measure. Header Updated convergibility of the Measure Lead of Updated convergibility. Updated experiment with addition of 4 dose Hilb vaccinations and the Measure Lead of Updated experiment. Updated preferences. Updated preferences to align with American Psychological Association (APA) style. Updated preferences to align with American Psychological Association (APA) style. Updated preferences to align with American Psychological Association (APA) style. Updated preferences to align with American Psychological Association (APA) style. Updated the logic to use the second birthday (patient birthdate) plus 2 years) rather than the 730 day Updated definition 'Three Hilb Vaccinations' and added new definition statements' Hilb 3 dose Immunizations to logic Numerator Updated the flag to use the Second birthday (patient birthdate) plus 2 years) rather than the 730 day Updated definition 'Three Hilb Vaccinations' and added new definition statements' Hilb 3 dose Immunizations to logic Numerator Updated the names of Clinical Quality Language (CQL) definitions, 'Revised logic to include the correct number of Hilb Gose depending on the manufacture of the vaccine given to align with transferation and to align with CQL Style Gailde. Updated Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification Logic Multiple Sections Standards Update Updated definitions and functions in the Measure Authoring Tool	Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated endorsed by field to 'None.' Updated description statement with addition of 4 dose HIB vaccinations to the description of the measure. Updated description statement with addition of 4 dose HIB vaccinations to the description of the measure. Updated copyright. Updated copyright. Updated copyright. Updated rationale. Updated recommendation statement. Updated references. Updated references. Updated references to align with American Psychological Association (APA) style. Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated be logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator Measure Lead Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator Measure Lead Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator Numerator Measure Lead Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator Measure Lead Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator Numerator Measure Lead Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator Numerator Measure Lead Updated the logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day Logic Numerator	Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Updated description statement with addition of 4 dose HiB vaccinations to the description of the measure. Updated rationale. Updated rationale. Updated rationale. Updated rationale. Updated clinical recommendation statement. Header Rationale Measure Lead Updated references. Updated references. Updated references. Updated references to align with American Psychological Association (APA) style. Header Updated reference to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated parenthetical cliations to align with American Psychological Association (APA) style. Header Updated parenthetical cliations to align with American Psychological Association (APA) style. Header Nultiple Sections Measure Lead Updated be looked parenthetical cliations to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated the looked parenthetical cliations to align with American Psychological Association (APA) style. Header Nultiple Sections Measure Lead Updated the looked parenthetical cliations to align with American Psychological Association (APA) style. Header Reference Measure Lead Multiple Sections Measure Lead Nultiple Sections Measure Lead Numerator Measure Lead Nultiple Sections Numerator Measure Lead Power Development of the Number of Hill Bimmunizations or Proceedures, "Hill 3 or 4 Dose Immunizations," and His Appropriate Number of Hill Bimmunizations," and Hill dose Immunizations, and Julian statements of Clinical Quality Language (CQL) geression to conform with the HT Standard: Clinical Quality Language (CQL) geression to conform with the HT Standard: Clinical Quality Language (CQL) geression to conform with the HT Standard: Clinical Quality Language (CQL) geression to conform with the HT Standard: Clinical Quality Language (CQL) geression to conform with the HT Standard: Clinical Quality Language (CQL) geression to conform with the HT Standard: Clinical Quality Language (CQL) geression to conform wit	Updated NQF number to 'Not Applicable.'	Header	NQF Number	Standards Update
Updated copyright. Updated criticonale. Updated criticonale. Updated criticonale. Updated criticonale. Updated criticonale recommendation statement. Updated criticolar recommendation statement. Updated criticolar recommendation statement. Updated references. Updated references to align with American Psychological Association (APA) style. Updated references to align with American Psychological Association (APA) style. Header Updated perferences to align with American Psychological Association (APA) style. Header Updated perferences to align with American Psychological Association (APA) style. Updated be logic to use the second birthday (patient birthdate plus 2 years) rather than the 730 day (ogic Numerator ONE Project Tracking System (IJRA) cQuital store to be more accurate for leavy years. Removed definition 'Three Hi8 Vaccinations' and added new definition statements' Hi8 3 Dose Immunizations to align with Cultary to the System (IJRA) cQuital style and Was Appropriate Number of Hi8 ilmunizations. Revised logic to include the correct number of Hi8 doses depending on the manufacturer of the vaccine given to align with current guidelines. Updated definition (Quality Language (CQL) sepression to conform with the HL7 Standard: Clinical Quality Updated Clinical Quality Language (CQL) sepression to conform with the HL7 Standard: Clinical Quality Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) sepression to conform with the HL7 Standard: Clinical Quality Language (CQL) sepression to conform with the HL7 Standard: Clinical Quality Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to align with standards changes, Clinical Quality Language (CQL) sepression to conform with the New York Conformance of Clinical Quality Language (CQL) sepression to conform with the New York Conformance of Clinical Quality Language (CQL) sepression to conform with the	Updated endorsed by field to 'None.'	Header	Endorsed By	Standards Update
Updated clinical recommendation statement. Updated clinical recommendation statement. Updated references. Updated references. 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 Reference Measure Lead Updated parenthetical citations to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated the logic to use the second birthady plainten birthdate plus 2 years) rather than the 730 day Logic Updated the logic to use the second birthady plus 2 years) rather than the 730 day Logic All Aparts of the Updated the logic to use the second birthady plus 1 years) rather than the 730 day Logic All Aparts of Procedures, "Illia Dose Immunizations and added new definition statements 'HiB 3 Dose Immunizations Logic American Procedures," 'HiB 3 or 4 Dose Immunizations, 'Nal HiB Waccinations,' and 'Has Appropriate Number of HiB Immunizations,' Revised logic to include the correct number of HiB doses depending on the manufacture of the vaccine given to align with current guidelines. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated the names of Clinical Quality Language (CQL) expression to conform with the HLT Standard: Clinical Quality Logic Multiple Sections Standards Update Updated Version number of Hib Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update Updated Version number of the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update Updated Version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated Version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated Version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Updated description statement with addition of 4 dose HiB vaccinations to the description of the measure.	Header	Description	Measure Lead
Updated references Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated preferences to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated preferences 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 per Individual Sections of the Apart of the	Updated copyright.	Header	Copyright	Annual Update
Updated references. Header Reference Measure Lead Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated to parenthetical citations to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated the logic to use the second birthady (patient birthdate plus 2 years) Reference plus 2 years (Project Tracking System Calculation to be more accurate for leap years. Removed definition Three Hills Vaccinations' and added new definition statements 'Hill 3 Dose Immunizations Logic Numerator Measure Lead or Procedures,' 'Hill 4 Dose Immunizations or Procedures,' 'Hill 3 or 4 Dose Immunizations,' 'All Hills Vaccinations,' and 'Has Appropriate Number of Hill Immunizations.' Revised logic to include the correct number of Hills doses depending on the manufacturer of the vaccine given to align with current guidelines. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Ubrary to logic Multiple Sections Standards Update Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Ubrary Logic Multiple Sections Standards Update Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Ubrary Logic Multiple Sections Standards Update Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Ubrary Logic Multiple Sections Standards Update Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Ubrary Logic Multiple Sections Standards Update Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Ubrary Logic Multiple Sections S	Updated rationale.	Header	Rationale	Measure Lead
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Updated references to align with American Psychological Association (APA) style. Header Multiple Sections Measure Lead Updated the logic to use the second birthday (patient birthdated plus 2 years) rather than the 730 day Logic Numerator ONC Project Tracking System calculation to be more accurate for leap years. Removed definition "Three HiB Vaccinations" and added new definition statements "HiB 3 Dose Immunizations Logic Numerator ONC Project Tracking System (JIRA): COM-3199 Weasure Lead OF 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 manifecture of the vaccine given to align with current guidelines. Updated the names of Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language Specification, Release 1 STU 3 (CQL 1.3). Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Measure Lead (MATGlobalCommonFunctions-4.0.000). Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Annual Updat			Statement	
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 Logic Numerator ONC Project Tracking System JIRA): CQM-3199 Removed definition 'Three Hi8 Vaccinations' and added new definition statements 'Hi8 3 os Dose Immunizations. Logic Numerator Measure Lead or Procedures,' "Hi8 4 Dose Immunizations or Procedures,' "Hi8 3 os Hi8 3 os Dose Immunizations Logic Numerator Measure Lead or Procedures,' "Hi8 4 Dose Immunizations or "All Hi8 Vaccinations,' and 'Has Appropriate Number of Hi8 Immunizations.' Revised logic to include the correct number of Hi8 doses depending on the manufacturer of the vaccine given to align with current guidelines. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Language (CQL) style Guide, and to include two new functions align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). 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 Value Set Measise, Mumps and Rubella (MMR) Vaccine Administered Value Set Terminology Annual Update Value set Hospitalis A (2.16.840.1.113883.3.464.1003.110.1.2.1037): Added SNOMED CT extensional value set Value Set Terminology Annual Update Value set	Updated references.	Header	Reference	Measure Lead
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Comparison Com	related to calculating hospital stays.			
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 Value Set Terminology Annual Update (105801000119103, 165997004, 278971009, 310875001, 428030001). Value Set Terminology Annual Update Value set Measles, Mumps and Rubella (MMR) Vaccine Administered Value Set Terminology Annual Update (2.16.840.1.113883.3.464.1003.110.11.1086) including 1 code. Value Set Terminology Annual Update Value set Mumps (2.16.840.1.113883.3.464.1003.110.11.1087) 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, 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 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value Set Terminology Annual Update	Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
Value set Hepatitis A (2.16.840.1.113883.3.464.1003.110.12.1024): Added 5 SNOMED CT codes Value Set Terminology Annual Update (105801000119103, 165997004, 278971009, 310875001, 428030001). 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 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 Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Added 4 SNOMED CT codes (161421005, Value Set Terminology Annual Update 165792000, 406112006, 406113001). Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes Value Set Terminology Annual Update Terminology Annual Update	(MATGlobalCommonFunctions-4.0.000).			
Value set Measles, Mumps and Rubella (MMR) Vaccine Administered Value Set Terminology Annual Update	Updated version number of the Hospice Library (Hospice-2.0.000).	Logic	Multiple Sections	Measure Lead
Value set Measles, Mumps and Rubella (MMR) Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1031): Added SNOMED CT extensional value set (2.16.840.1.113883.3.464.1003.110.11.1086) including 1 code. 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 Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Added 4 SNOMED CT codes (161421005, Value Set Terminology Annual Update 165792000, 406112006, 406113001). Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes 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	Value Set	Terminology	Annual Update
(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 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 Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Added 4 SNOMED CT codes (161421005, Value Set Terminology Annual Update 165792000, 406112006, 406113001). Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes Value Set Terminology Annual Update	(105801000119103, 165997004, 278971009, 310875001, 428030001).			
(2.16.840.1.113883.3.464.1003.110.11.1086) including 1 code. Value set Mumps (2.16.840.1.113883.3.464.1003.110.12.1032): Added SNOMED CT extensional value set	Value set Measles, Mumps and Rubella (MMR) Vaccine Administered	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	(2.16.840.1.113883.3.464.1003.110.12.1031): Added SNOMED CT extensional value set			
(2.16.840.1.113883.3.464.1003.110.11.1087) including 3 codes. Value set Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Added 4 SNOMED CT codes (161421005, Value Set Terminology Annual Update 165792000, 406112006, 406113001). Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes Value Set Terminology Annual Update	(2.16.840.1.113883.3.464.1003.110.11.1086) including 1 code.			
Value set Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Added 4 SNOMED CT codes (161421005, Value Set Terminology Annual Update 165792000, 406112006, 406113001). Value Set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update 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 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	Value Set	Terminology	Annual Update
165792000, 406112006, 406113001). Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes Value Set Terminology Annual Update	(2.16.840.1.113883.3.464.1003.110.11.1087) including 3 codes.			
Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 Value Set Terminology Annual Update SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT 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,	Value Set	Terminology	Annual Update
SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005). Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes Value Set Terminology Annual Update	165792000, 406112006, 406113001).			
Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes 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	Value Set	Terminology	Annual Update
· · · · · · · · · · · · · · · · · · ·	SNOMED CT code (473164004) and deleted 1 SNOMED CT code (68525005).			
(105841000119101, 161419000, 371111005).	Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Added 3 SNOMED CT codes	Value Set	Terminology	Annual Update
1	<u>(</u> 105841000119101, 161419000, 371111005).			

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	Value Set	Terminology	Annual Update
9 SNOMED CT codes (192705005, 192706006, 192707002, 192708007, 192709004, 192713006, 192714000,			
192715004, 192716003) and deleted 1 SNOMED CT code (31367003).			
Value set Hepatitis B (2.16.840.1.113883.3.464.1003.110.12.1025): Added 5 SNOMED CT codes (165806002,	Value Set	Terminology	Annual Update
235865005, 271511000, 313234004, 406117000) and deleted 1 SNOMED CT code (29062009). Deleted 1 ICD-			
10-CM code (Z22.51).			
Value set Malignant Neoplasm of Lymphatic and Hematopoietic Tissue	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.108.12.1009): Added 1 SNOMED CT code (404146005).		0,	·
Value set Disorders of the Immune System (2.16.840.1.113883.3.464.1003.120.12.1001): Deleted 1 SNOMED	Value Set	Terminology	Annual Update
CT code (267538002).		<i>51</i>	·
Value set Varicella Zoster (2.16.840.1.113883.3.464.1003.110.12.1039): Added 3 SNOMED CT codes	Value Set	Terminology	Annual Update
(161423008, 371113008, 681221000119108).			·
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 54 SNOMED CT codes and deleted 1	Value Set	Terminology	Annual Update
SNOMED CT code (79019005).			·
Value set Hepatitis B Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1042): Deleted 1 SNOMED	Value Set	Terminology	Annual Update
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 HiB Vaccine (3 dose schedule) (2.16.840.1.113883.3.464.1003.110.12.1083): Added HiB Vaccine (3	Value Set	Terminology	Annual Update
dose schedule).		0,	·
Value set HiB Vaccine (3 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1084): Added	Value Set	Terminology	Annual Update
HiB Vaccine (3 dose schedule) Administered.			
Value set HiB Vaccine (4 dose schedule) (2.16.840.1.113883.3.464.1003.110.12.1085): Added HiB Vaccine (4	Value Set	Terminology	Annual Update
dose schedule).			
Value set HiB Vaccine (4 dose schedule) Administered (2.16.840.1.113883.3.464.1003.110.12.1086): Added	Value Set	Terminology	Annual Update
HiB Vaccine (4 dose schedule) Administered.			
Value set Haemophilus Influenzae Type B (HiB) Vaccine (2.16.840.1.113883.3.464.1003.196.12.1217):	Value Set	Terminology	Annual Update
Removed Haemophilus Influenzae Type B (HiB) Vaccine.			
Value set Haemophilus Influenzae Type B (HiB) Vaccine Administered	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.110.12.1043): Removed Haemophilus Influenzae Type B (HiB) Vaccine			
Administered.			
Replaced direct reference code CPT (90681) with Value set Rotavirus Vaccine (2 dose schedule) Administered	Value Set	Terminology	Measure Lead
(2.16.840.1.113883.3.464.1003.110.12.1048).		o,	
Replaced direct reference code CPT (90680) with Value set Rotavirus Vaccine (3 dose schedule) Administered	Value Set	Terminology	Measure Lead
(2.16.840.1.113883.3.464.1003.110.12.1047).		o,	
The following values sets were added for use in revised numerator logic related to the HiB vaccines: 'HiB	Value Set	Terminology	Measure Lead
Vaccine (3 dose schedule) Administered' (2.16.840.1.113883.3.464.1003.110.12.1084); 'HiB Vaccine (3 dose		3 ,	
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).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions us	sed		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Denominator Exclusions	Measure Lead
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.			
Updated denominator exclusions statement with addition of patients with advanced illness and frailty	Header	Denominator Exclusions	Measure Lead
because it is unlikely that patients will need the services being measured.			
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	Logic	Denominator Exclusions	Measure Lead
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.			
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term	Logic	Denominator Exclusions	Measure Lead
institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with	_		
the HEDIS parent measure exclusion.			
Updated the sort order for the most recent HBA1c to the end of the relevant period to ensure only the last	Logic	Numerator	ONC Project Tracking System
test is being evaluated.	_		(JIRA): CQM-3186
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Added new CQL library with advanced illness and frailty exclusion definitions	Logic	Multiple Sections	Measure Lead
(AdvancedIllnessandFrailtyExclusionECQM-4.0.000).			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-	Logic	Multiple Sections	Measure Lead
1.2.000).			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69	Value Set	Terminology	Annual Update
SNOMED CT codes.			

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	Value Set	Terminology	Annual Update
Care Services in Long-Term Residential Facility.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	l		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets	Value Set	Terminology	Measure Lead
(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-10-10-10-10-10-10-10-10-10-10-10-10-10-	-		
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)).			

CMS124v8 - Cervical Cancer Screening

Updated eCQM version number. Updated NQF number to 'Not Applicable.'	Header	eCQM Version number	
Updated NOF number to 'Not Applicable.'		CCQIVI VCI SIOTI HUITIDEI	Measure Lead
The state of the s	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	Logic	Definitions	ONC Project Tracking System
'HPVTest.relevantPeriod starts 1 day or less before or on day of start of			(JIRA): CQM-3423
PapTestOver30YearsOld.relevantPeriod' to 'HPVTest.relevantPeriod starts within 1 day of start of			
PapTestOver30YearsOld.relevantPeriod.'			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	o Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Annual Update
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.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions use	ed		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Description	Measure Lead
measurement period to provide clarity.			
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	Header	Denominator Exclusions	Measure Lead
because it is unlikely that patients will need the services being measured.			
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living	Header	Denominator Exclusions	Measure Lead
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.			
Updated numerator statement to include 27 months prior to the end of the measurement period to provide	Header	Numerator	Measure Lead
clarity and align with the logic.			
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	Logic	Denominator Exclusions	Measure Lead
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.			
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term	Logic	Denominator Exclusions	Measure Lead
institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with	_		
the HEDIS parent measure exclusion.			
Revised logic to include definitions for right and left mastectomy procedure to ensure if a recent mastectomy	Logic	Denominator Exclusions	Measure Lead
could be captured with procedure codes.	· ·		
Revised the alias from 'UnilateralMastectomyProcedure' to 'UnilateralMastectomy' in the 'Unilateral	Logic	Denominator Exclusions	Measure Lead
Mastectomy Procedure' definition to align with the Clinical Quality Language (CQL) style guide	J		
recommendations.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.	_		·
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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-	Logic	Multiple Sections	Measure Lead
1.2.000).	-	•	
Added new CQL library with advanced illness and frailty exclusion definitions	Logic	Multiple Sections	Measure Lead
(AdvancedIllnessandFrailtyExclusionECQM-4.0.000).	-	•	
(Navaniceannicssanar ranty).ActusioniceQvi-4.0.000j.			

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	Terminology	Annual Update
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 Unilateral Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1020): Deleted 8 SNOMED CT codes	Value Set	Terminology	Annual Update
(428571003, 429400009, 726429001, 726430006, 726434002, 726435001, 726436000, 726437009).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
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	Value Set	Terminology	Annual Update
Mastectomy Left.			
Value set Unilateral Mastectomy Right (2.16.840.1.113883.3.464.1003.198.12.1134): Added Unilateral	Value Set	Terminology	Annual Update
Mastectomy Right.			
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	Value Set	Terminology	Annual Update
Care Services in Long-Term Residential Facility.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Guidance	Measure Lead
interval and relative timing for the administration of two pneumococcal vaccines; this measure assesses			
whether patients have received at least one of either vaccine.'			
Updated guidance statement from 'Immunization, Performed' to 'Immunization, Administered' to align with	Header	Guidance	ONC Project Tracking System
intent and logic.			(JIRA): CQM-3119
Updated numerator statement to 'Patients who have ever received a pneumococcal vaccination before the	Header	Numerator	Measure Lead
end of the measurement period' to be more concise in regards to timing.			
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	I		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Initial Population	Measure Lead
measurement period to April 30 of the measurement period to align with HEDIS parent measure.			
Updated initial population statement to require the visit to be in the 60 days before or after the initial patien	nt Header	Initial Population	Measure Lead
population (IPP) antidepressant medication dispensing event.			
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	Logic	Initial Population	Measure Lead
of the dispensed antidepressant in order to tie the clinician who could influence the medication choice and			
follow-up to the measure.			
Revised logic to indicate the revised timing of the IPP dispensing event period to be from May 1 of the year	Logic	Initial Population	Measure Lead
prior to the measurement period to April 30 of the measurement period to align with HEDIS parent measure			
Revised the 'Qualifying Encounters' define statement to include nursing home encounters to expand those	Logic	Initial Population	Measure Lead
who can report the measure.			
Changed the timing of the antidepressant relevant period to overlaps so that medications that are active in	Logic	Denominator Exclusions	Measure Lead
the 105 days prior may count as an exclusion as well as those started in the 105 days prior.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	o Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Antidepressant Medication (2.16.840.1.113883.3.464.1003.196.12.1213): Added 34 RxNorm codes		Terminology	Annual Update
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.			

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	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.			
Value set Major Depression (2.16.840.1.113883.3.464.1003.105.12.1007): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(16264901000119109) and deleted 4 SNOMED CT codes (268620009, 30605009, 321717001,70747007).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	l		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Description	Expert Work Group Review
guideline.			
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	Measure Lead
		Statement	
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	Header	Denominator	Expert Work Group Review
to align with updated guideline.			
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	Logic	Denominator	Measure Lead
code (258232002).			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Value set Prostate Cancer Treatment (2.16.840.1.113883.3.526.3.398): Deleted 1 CPT code (55873). Added 2	Value Set	Terminology	Annual Update
SNOMED CT codes (427541000119103, 764675000) and deleted 8 SNOMED CT codes (169374002,			
176319004, 265589001, 29860002, 420529003, 427357007, 433225000, 64978007).			
Value set Pain Related to Prostate Cancer (2.16.840.1.113883.3.526.3.451): Deleted 2 ICD-9-CM codes	Value Set	Terminology	Annual Update
(V76.44, V84.03). Deleted 2 ICD-10-CM codes (Z12.5, Z15.03).			
Replaced value set Cancer Staging (2.16.840.1.113883.3.526.3.1536) with direct reference code SNOMED CT	Value Set	Terminology	Measure Lead
code (258232002).			
Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Denominator Exclusions	Measure Lead
because it is unlikely that patients will need the services being measured.			
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living	Header	Denominator Exclusions	Measure Lead
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.			
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	Logic	Denominator Exclusions	Measure Lead
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.			
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term	Logic	Denominator Exclusions	Measure Lead
institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with			
the HEDIS parent measure exclusion.			
Change name of the define statement 'Fecal Immunochemical Test DNA' to 'Fecal Immunochemical Test DNA	Logic	Numerator	Measure Lead
Performed' to align with the other tests in the numerator.			
$Replaced\ Quality\ Data\ Model\ (QDM)\ Procedure\ Performed\ category\ with\ Diagnostic\ Study\ Performed\ to\ align$	Logic	Numerator	Measure Lead
with QDM version 5.4.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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-	Logic	Multiple Sections	Measure Lead
1.2.000).			
Added new CQL library with advanced illness and frailty exclusion definitions	Logic	Multiple Sections	Measure Lead
(AdvancedIllnessandFrailtyExclusionECQM-4.0.000).			
Value set Malignant Neoplasm of Colon (2.16.840.1.113883.3.464.1003.108.12.1001): Added 2 SNOMED CT	Value Set	Terminology	Annual Update
codes (130381000119103, 766981007) and deleted 1 SNOMED CT code (93683002).			

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	Value Set	Terminology	Annual Update
(841000119107).			
Value set Total Colectomy (2.16.840.1.113883.3.464.1003.198.12.1019): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(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 Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
Value set CT Colonography (2.16.840.1.113883.3.464.1003.108.12.1038): Deleted 3 CPT codes (74261, 74262,	Value Set	Terminology	Annual Update
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 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
$Value\ set\ Care\ Services\ in\ Long-Term\ Residential\ Facility\ (2.16.840.1.113883.3.464.1003.101.12.1014):\ Added$	Value Set	Terminology	Annual Update
Care Services in Long-Term Residential Facility.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set CT Colonography (2.16.840.1.113883.3.464.1003.108.12.1038): Deleted two extensional value sets	Value Set	Terminology	Measure Lead
$ (2.16.840.1.113883.3.464.1003.108.11.1143 \ (\text{CPT}) \ \text{and} \ 2.16.840.1.113883.3.464.1003.108.11.1144 \ (\text{SNOMED}) \ \text{CPT}) \ \text{CPT})$			
CT)).			

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	/ Header	Description	ONC Project Tracking System
overlapping the measurement period to align with logic changes.			(JIRA): CQM-2648
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation	Measure Lead
		Statement	
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	Header	Denominator Exclusions	Measure Lead
because it is unlikely that patients will need the services being measured.			
Updated denominator exclusions statement with addition of patients 66 years of age and older who are livin	g Header	Denominator Exclusions	Measure Lead
in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period	d		
to align with the HEDIS parent measure exclusion.			
Updated numerator statement to include patients with diabetes with and without a diagnosis of retinopathy	Header	Numerator	ONC Project Tracking System
overlapping the measurement period to align with logic changes.			(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	Logic	Denominator Exclusions	Measure Lead
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.			
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term	Logic	Denominator Exclusions	Measure Lead
institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with			
the HEDIS parent measure exclusion.			
Added logic using retinopathy diagnosis overlapping the measurement period as a proxy for a positive eye	Logic	Numerator	ONC Project Tracking System
exam to provide flexibility in capturing eye exams when results are not available as structured data.			(JIRA): CQM-2648
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Added new CQL library with advanced illness and frailty exclusion definitions	Logic	Multiple Sections	Measure Lead
(AdvancedIllnessandFrailtyExclusionECQM-4.0.000).			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	o Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			

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	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1771) including 4 codes.			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69	Value Set	Terminology	Annual Update
SNOMED CT codes.			
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	Value Set	Terminology	Annual Update
Care Services in Long-Term Residential Facility.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	i		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets	Value Set	Terminology	Measure Lead
(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)).			

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

Updated eCQM version number. Measure Lead Added e's to NGP Number. Standards Update Didded header statements to reflect the measure is episode-based, per cataract surgery, rather than patient: Header Description Expert Work Group Review Discislance. Header Discislance. Updated descioner. Header Discislance. Header Discislance. Measure Lead Updated references to align with American Psychological Association (APA) style. Header Reference 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: Header Reference Measure Lead Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient: Header Denominator Exclusions Expert Work Group Review Daxed. Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient: Header Denominator Exclusions Expert Work Group Review Daxed. Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient: Header Numerator Exclusions Expert Work Group Review Daxed. Updated parentherical citations to align with American Psychological Association (APA) style. Header Numerator Exclusions Expert Work Group Review Physiotropy of Eye; "Macular Scar of Posterior Polar," Morgagalina Cataract, "Posterior Polar," Legic Denominator Exclusions Expert Work Group Review Physiotropy of Eye; "Macular Scar of Posterior Polar," Morgagalina Cataract, "Posterior Lenticonus," Retrolental Fibripalssis, "Traumatic Cataract," and "Vascular Disorders of Iris and Clinical Expert Review Impairment, Lesser Eye," Viber Corneal Deformatics, "Other Disorders of Sclera," Vother Review Impairment, Lesser Eye, "1900 the Review Science Policy Macular Scar," Moderate or Severe Impairment, Better Eye, Profound Logic Denominator Exclusions Standards Update Update Header Science Policy Policy Cataracter Science P	Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated copyright. Header Copyright Annual Update Updated copyright. Header Copyright Annual Update Updated copyright. Header Disclaimer Measure Lead Updated disclaimer. Measure Lead Updated edisclaimer. Measure Lead Updated references to align with American Psychological Association (APA) style. Header Disclaimer Measure Lead Updated references to align with American Psychological Association (APA) style. Header Disclaimer Measure Lead Updated references to align with American Psychological Association (APA) style. Header Disclaimer Measure Lead Updated header statements to reflect the measure is episode-based, per cataract surgery, rather than patient- Header Denominator Exclusions Expert Work Group Review Disclaim Expert Work Group Review Disclaim Discl	Updated eCQM version number.	Header	eCQM Version number	Measure Lead
Dashed dusclaimer. Header Copyright Annual Update	Added 'e' to NQF number.	Header	NQF Number	Standards Update
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Hypotony of Eye, 'Macular Scar of Posterior Polar, 'Morgagnian Cataract, 'Posterior Lenticonus,' 'Retrolental Fibroplasias,' 'Traumatic Cataract,' and 'Vascular Disorders of Iris and Clinizal Body' to align with measure intent and clinical expert recommendation. 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. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic 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. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Updated version number of	Updated parenthetical citations to align with American Psychological Association (APA) style.	Header	Multiple Sections	Measure Lead
Fibroplasias, "Traumatic Cataract," and 'Vascular Disorders of Iris and Ciliary Body' to align with measure intent and clinical expert recommendation. Removed data elements 'Chorizoretinal 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. Updated Impairment, Both Eyes' to align with measure intent and clinical expert recommendation. Updated Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	the state of the s	Logic	Denominator Exclusions	Expert Work Group Review
And clinical expert recommendation. Removed data elements 'Chorioretinal Scars,' 'Moderate or Severe Impairment, Better Eye, Profound Logic Denominator Exclusions Expert Work Group Review 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. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions related to calculating hospital stays. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-40.000). Updated Version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-40.000). Updated Version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-40.000). Weasure Lead Value Set Terminology Annual Update Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are Value Set Terminology Measure Lead Value Set Terminology Standards Update (Linical 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 Acute and Subacute Iridocyclitis (2.16.840.1.113883.3.526.3.1241): Added 35 SNOMED CT Odes (1226001, 18	'Hypotony of Eye,' 'Macular Scar of Posterior Polar,' 'Morgagnian Cataract,' 'Posterior Lenticonus,' 'Retrolental			
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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. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update Language Specification, Release 1 STU 3 (CQL 1.3). 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. Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library Logic Multiple Sections Standards Update (MATGlobalCommonFunctions-4.0.000). 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. Removed code system versions from direct reference codes. Please refer to Appendix A of the Electronic Value Set Terminology Standards Update 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 Acute and Subacute Indiocyclitis (2.16.840.1.113883.3.526.3.1241): Added 35 SNOMED CT codes and Subacute Indiocyclitis (2.16.840.1.113883.3.526.3.1410): Added 1 SNOMED CT Value Set Terminology Annual Update	and clinical expert recommendation.			
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Value set Cataract Secondary to Ocular Disorders (2.16.840.1.113883.3.526.3.1410): Added 1 SNOMED CT Value Set Terminology Annual Update	Value set Acute and Subacute Iridocyclitis (2.16.840.1.113883.3.526.3.1241): Added 35 SNOMED CT codes	Value Set	Terminology	Annual Update
	and deleted 5 SNOMED CT codes (11226001, 186266008, 193493000, 23798003, 416449002).			
code (766837000) and deleted 1 SNOMED CT code (21818003).	Value set Cataract Secondary to Ocular Disorders (2.16.840.1.113883.3.526.3.1410): Added 1 SNOMED CT	Value Set	Terminology	Annual Update
	code (766837000) and deleted 1 SNOMED CT code (21818003).			

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,	, Value Set	Terminology	Annual Update
1099041000119101, 1099051000119104, 336501000119105, 342111000119101, 347271000119100).			
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	Value Set	Terminology	Annual Update
SNOMED CT codes (1099031000119105, 1099041000119101, 1099051000119104, 336501000119105,			
342111000119101, 347271000119100, 193795008, 314005007, 422947009, 95726001).			
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,	Value Set	Terminology	Annual Update
S05.92XA).			
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Deleted 3 SNOMED CT codes (232133000,	Value Set	Terminology	Annual Update
232134006, 408757002).			
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,	Value Set	Terminology	Annual Update
296867007, 3499006, 48671003).			
Value set Amblyopia (2.16.840.1.113883.3.526.3.1448): Added 3 SNOMED CT codes (336451000119108,	Value Set	Terminology	Annual Update
342061000119102, 347241000119107).			
Value set Choroidal Hemorrhage and Rupture (2.16.840.1.113883.3.526.3.1452): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(2532009).			
Value set Disorders of Optic Chiasm (2.16.840.1.113883.3.526.3.1457): Deleted 1 SNOMED CT code	Value Set	Terminology	Annual Update
(7869006).			
Value set Disorders of Visual Cortex (2.16.840.1.113883.3.526.3.1458): Added 3 SNOMED CT codes	Value Set	Terminology	Annual Update
(342741000119103, 342751000119101, 732251003).			
Value set Hereditary Choroidal Dystrophies (2.16.840.1.113883.3.526.3.1462): Added 9 SNOMED CT codes	Value Set	Terminology	Annual Update
(231996009, 231997000, 24950005, 41250005, 715417002, 715984007, 717761005, 720850008,			
733110004).			
Value set Hereditary Retinal Dystrophies (2.16.840.1.113883.3.526.3.1463): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(764939004) and deleted 1 SNOMED CT code (68222009).			
Value set Nystagmus and Other Irregular Eye Movements (2.16.840.1.113883.3.526.3.1465): Added 7 ICD-10-	Value Set	Terminology	Annual Update
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 Other and Unspecified Forms of Chorioretinitis and Retinochoroiditis	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.3.1468): Added 1 SNOMED CT code (314428001).			
Value set Other Disorders of Optic Nerve (2.16.840.1.113883.3.526.3.1471): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(733506009).			
Value set Prior Penetrating Keratoplasty (2.16.840.1.113883.3.526.3.1475): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(700281002).			
Value set Glaucoma (2.16.840.1.113883.3.526.3.1423): Added 3 SNOMED CT codes (15374009,	Value Set	Terminology	Annual Update
15996831000119101, 232083008).			
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	Value Set	Terminology	Expert Work Group Review
Hypermature.			

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	Value Set	Terminology	Expert Work Group Review
Disorders of Iris and Ciliary Body.			
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	Value Set	Terminology	Expert Work Group Review
Polar.			
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	Value Set	Terminology	Expert Work Group Review
(2.16.840.1.113883.3.526.3.1464): Removed Moderate or Severe Impairment, Better Eye, Profound			
Impairment Lesser Eye.			
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	Value Set	Terminology	Expert Work Group Review
Impairment, Both Eyes.			

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	Measure Lead
		Statement	
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	Header	Denominator Exclusions	Measure Lead
because it is unlikely that patients will need the services being measured.			
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living	Header	Denominator Exclusions	Measure Lead
in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement period	i		
to align with the HEDIS parent measure exclusion.			
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	Logic	Denominator Exclusions	Measure Lead
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.			
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term	Logic	Denominator Exclusions	Measure Lead
institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with			
the HEDIS parent measure exclusion.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Added new CQL library with advanced illness and frailty exclusion definitions	Logic	Multiple Sections	Measure Lead
(AdvancedIllnessandFrailtyExclusionECQM-4.0.000).			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Adult_Outpatient_Encounters Library (Adult_Outpatient_Encounters-	Logic	Multiple Sections	Measure Lead
1.2.000).			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Added ICD-10-PCS extensional	Value Set	Terminology	Annual Update
value set (2.16.840.1.113883.3.464.1003.109.11.1067) including 6 codes.			
Value set Glomerulonephritis and Nephrotic Syndrome (2.16.840.1.113883.3.464.1003.109.12.1018): Added	Value Set	Terminology	Annual Update
5 SNOMED CT codes (722119002, 723074006, 724099000, 766249007, 90971000119103).			

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,	Value Set	Terminology	Annual Update
90957, 90958, 90959).			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 69	Value Set	Terminology	Annual Update
SNOMED CT codes.			
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	Value Set	Terminology	Annual Update
Care Services in Long-Term Residential Facility.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	l		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets	Value Set	Terminology	Measure Lead
(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)).			

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

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated header statements to include ARNI therapy to align with previous and current measure specification	Header	eCQM Title	Measure Lead
and guidance.			
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	Header	Description	Measure Lead
and guidance.			
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	Header	Rate Aggregation	Measure Lead
and guidance.			
Updated clinical recommendation statement to align with current guidelines.	Header	Clinical Recommendation	Measure Lead
		Statement	
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	Header	Definition	Measure Lead
and guidance.			
Updated header statements to include ARNI therapy to align with previous and current measure specification	Header	Numerator	Measure Lead
and guidance.			
Updated header statements to include ARNI therapy to align with previous and current measure specification	Header	Denominator Exceptions	Measure Lead
and guidance.			
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,	Logic	Numerator	Measure Lead
Discharge' to improve alignment with measure intent in capturing medication at inpatient discharge.			
Added 'Patient Reason for ACE Inhibitor or ARB Decline' value set (2.16.840.1.113883.3.526.3.1140) as a	Logic	Denominator Exceptions	Standards Update
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.			
In Population Criteria 2, replaced Quality Data Model (QDM) datatype 'Medication, Not Ordered' with	Logic	Denominator Exceptions	Measure Lead
'Medication, Not Discharged' to improve alignment with measure intent.			
Revised applicable definition titles to reflect modified Quality Data Model (QDM) 'Medication' datatype used	Logic	Definitions	Measure Lead
within Population Criteria 2 Numerator and Denominator Exceptions.			
Removed 'Patient Declined ACE Inhibitor or ARB Inpatient' and 'Patient Declined ACE Inhibitor or ARB	Logic	Definitions	Standards Update
Outpatient' definitions due to a change in how the value set is applied to the denominator exception.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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CMS135v8 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) or Angiotensin Receptor-Neprilysin Inhibitor (ARNI) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes	Value Set	Terminology	Annual Update
(12843005, 18170008, 19681004, 207195004, 4525004, 439708006).			
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Deleted 4 ICD-10-CM codes (I50.810, I50.811,	Value Set	Terminology	Annual Update
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).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions us	ed		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Annual Update
(191813001, 191821007, 191827006, 191833002, 191839003, 191875001, 191889006, 191851001,			·
191857002, 191869005, 425841004).			
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.			
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.		<i>5.</i>	·
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Deleted 1 SNOMED CT code	Value Set	Terminology	Annual Update
(79578000). Added 3 ICD-10-CM codes (F53.0, F53.1, F68.A).			·
Value set ADHD Medications (2.16.840.1.113883.3.464.1003.196.12.1171): Deleted 4 RxNorm codes (885880,	, Value Set	Terminology	Annual Update
895018, 895020, 895023).		<i>5.</i>	·
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			·
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.		. .	

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

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

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	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.			
Value set Alcohol and Drug Dependence (2.16.840.1.113883.3.464.1003.106.12.1001): Added 84 SNOMED CT	Value Set	Terminology	Annual Update
codes and deleted 12 SNOMED CT codes. Added 1 ICD-10-CM code (F12.23).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Definition	Measure Lead
frequency.			
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	Header	Guidance	Measure Lead
accountability reporting in CMS programs.			
Updated guidance statement with addition of wording to clarify that a patient must have at least one tobacco	Header	Guidance	Measure Lead
use screening during the specified timeframe.			
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added SNOMED CT extensional	l Value Set	Terminology	Annual Update
value set (2.16.840.1.113883.3.526.2.1774) including 2 codes.			
Value set Psychoanalysis (2.16.840.1.113883.3.526.3.1141): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1778) including 2 codes.			
Value set Tobacco User (2.16.840.1.113883.3.526.3.1170): Added 10 SNOMED CT codes (110483000,	Value Set	Terminology	Annual Update
228499007, 43381005, 449867007, 56578002, 56771006, 449869005, 450811000124104,			
450821000124107, 713914004).			
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	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value	· Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1771) including 4 codes.			
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.			
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value	e Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.			
Value set Speech and Hearing Evaluation (2.16.840.1.113883.3.526.3.1530): Added SNOMED CT extensional	Value Set	Terminology	Annual Update
value set (2.16.840.1.113883.3.526.2.1773) including 4 codes.			

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	Value Set	Terminology	Annual Update
(713700008).			
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	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

CMS139v8 - Falls: Screening for Future Fall Risk

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 Measure Lead Statement 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 Reference Measure Lead Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification Logic Definitions and Functions Standards Update Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Update
Updated endorsed by field to 'None.' Updated copyright. Updated clinical recommendation statement. Updated clinical recommendation statement. Updated references to align with American Psychological Association (APA) style. Updated references. Updated references. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Header Endorsed By Standards Update Annual Update Measure Lead Measure Lead Measure Lead Measure Lead Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.
Updated copyright.HeaderCopyrightAnnual UpdateUpdated clinical recommendation statement.HeaderClinical Recommendation StatementMeasure LeadUpdated references to align with American Psychological Association (APA) style.HeaderReferenceMeasure LeadUpdated references.HeaderReferenceMeasure LeadUpdated parenthetical citations to align with American Psychological Association (APA) style.HeaderMultiple SectionsMeasure LeadUpdated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide.LogicDefinitions and FunctionsStandards Update
Updated clinical recommendation statement. 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 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.
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.
Updated references to align with American Psychological Association (APA) style. Header Reference Measure Lead Updated references. 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.
Updated references. Updated parenthetical citations to align with American Psychological Association (APA) style. Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification and to align with CQL Style Guide. Header Multiple Sections Measure Lead Definitions and Functions Standards Update
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 Logic Definitions and Functions Standards Update and to align with CQL Style Guide.
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification Logic Definitions and Functions Standards Update and to align with CQL Style Guide.
and to align with CQL Style Guide.
Undated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality Logic Multiple Sections Standards Undate
operated chinesis quality Language (equ) expression to comorni with the rile standard, chinesis quality Logic multiple sections standards operate
Language Specification, Release 1 STU 3 (CQL 1.3).
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to Logic Multiple Sections Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions
related to calculating hospital stays.
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 Logic Multiple Sections Standards Update
(MATGlobalCommonFunctions-4.0.000).
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set Value Set Terminology Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value Value Set Terminology Annual Update
set (2.16.840.1.113883.3.526.2.1771) including 4 codes.
Value set Falls Screening (2.16.840.1.113883.3.464.1003.118.12.1028): Deleted 10 SNOMED CT codes Value Set Terminology Annual Update
(401196007, 408422004, 408423009, 408589008, 414191008, 426938003, 427206005, 443731004,
445990009, 711054005).
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 Value Set Terminology Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used
in the eCQM specifications for 2020 reporting/performance.
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are Value Set Terminology Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.
Value set Falls Screening (2.16.840.1.113883.3.464.1003.118.12.1028): Deleted SNOMED CT extensional Value Set Terminology Measure Lead
value set (2.16.840.1.113883.3.464.1003.118.11.1035).

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	Measure Lead
		Statement	
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,	Logic	Numerator	Standards Update
Performed' and added attributes of 'sender' and 'recipient' to align with previous construct that the			
communication should occur between providers.			
Merged Quality Data Model (QDM) Communication Datatypes to a single Datatype 'Communication, Not	Logic	Denominator Exceptions	Standards Update
Performed.'			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1771) including 4 codes.			
Added direct reference code SNOMED CT codes (223366009, 158965000, 422234006, 28229004,	Value Set	Terminology	Standards Update
309343006).			
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	Value Set	Terminology	Measure Lead
code SNOMED CT code (428341000124108).			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Ophthalmological Services (2.16.840.1.113883.3.526.3.1285): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1771) including 4 codes.			
Value set Primary Open-Angle Glaucoma (2.16.840.1.113883.3.526.3.326): Added 4 SNOMED CT codes	Value Set	Terminology	Annual Update
(15633281000119103, 15633321000119108, 15640441000119104, 50485007).			
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	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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,	Logic	Numerator	Measure Lead
Discharge' to improve alignment with measure intent in capturing medication at inpatient discharge.			
In Population Criteria 2, replaced Quality Data Model (QDM) datatype 'Medication, Not Ordered' with	Logic	Denominator Exceptions	Measure Lead
'Medication, Not Discharged' to improve alignment with measure intent.			
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	Logic	Definitions	Measure Lead
within Population Criteria 2 Numerator and Denominator Exceptions.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes	Value Set	Terminology	Annual Update
(12843005, 18170008, 19681004, 207195004, 4525004, 439708006).			
Value set Allergy to Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1177): Deleted 1 SNOMED CT code	Value Set	Terminology	Annual Update
(293971000).			
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Deleted 4 ICD-10-CM codes (I50.810, I50.811,	Value Set	Terminology	Annual Update
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).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions use	d		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Denominator Exclusions	Measure Lead
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.			
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	Logic	Denominator Exclusions	Measure Lead
not have another diagnosis for which it was appropriate to prescribe an antibiotic.			
Added the definition 'Qualifying Encounter' to provide more transparency into the encounters that qualify for	or Logic	Definitions	Measure Lead
the initial population.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Acute Tonsillitis (2.16.840.1.113883.3.464.1003.102.12.1012): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
<u>(</u> 10629231000119109).			
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Deleted 3	Value Set	Terminology	Annual Update
RxNorm codes (1801142, 310156, 877486).			
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017):	Value Set	Terminology	Annual Update
Added Competing Conditions for Respiratory Conditions.			
Value set Discharge Services- Observation Care (2.16.840.1.113883.3.464.1003.101.12.1039): Added	Value Set	Terminology	Annual Update
Discharge Services- Observation Care.			
Value set Emergency Department Visit (2.16.840.1.113883.3.464.1003.101.12.1010): Added Emergency	Value Set	Terminology	Annual Update
Department Visit.			
Value set Hospital Observation Care - Initial (2.16.840.1.113883.3.464.1003.101.12.1002): Added Hospital	Value Set	Terminology	Annual Update
Observation Care - Initial.			
Value set Medical Disability Exam (2.16.840.1.113883.3.464.1003.101.11.1233): Added Medical Disability	Value Set	Terminology	Annual Update
Exam.			
Value set Outpatient Consultation (2.16.840.1.113883.3.464.1003.101.12.1008): Added Outpatient	Value Set	Terminology	Annual Update
Consultation.			
Value set Preventive Care Services - Established Office Visit, 18 and Up	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.101.12.1025): Added Preventive Care Services - Established Office Visit, 18			
and Up.			

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	Value Set	Terminology	Annual Update
Preventive Care Services - Group Counseling.			
Value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030): Added Preventive	Value Set	Terminology	Annual Update
Care Services - Other.			
Value set Preventive Care Services-Individual Counseling (2.16.840.1.113883.3.464.1003.101.12.1026): Added	Value Set	Terminology	Annual Update
Preventive Care Services-Individual Counseling.			
Value set Preventive Care Services-Initial Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1023):	Value Set	Terminology	Annual Update
Added Preventive Care Services-Initial Office Visit, 18 and Up.			
Value set Home Healthcare Services (2.16.840.1.113883.3.464.1003.101.12.1016): Added Home Healthcare	Value Set	Terminology	Annual Update
Services.			
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):	Value Set	Terminology	Annual Update
Added Preventive Care Services, Initial Office Visit, 0 to 17.			
Value set Preventive Care, Established Office Visit, 0 to 17 (2.16.840.1.113883.3.464.1003.101.12.1024):	Value Set	Terminology	Annual Update
Added Preventive Care, Established Office Visit, 0 to 17.			
Value set Ambulatory/ED Visit (2.16.840.1.113883.3.464.1003.101.12.1061): Removed Ambulatory/ED Visit	Value Set	Terminology	Annual Update
and added value sets for encounters to be more transparent on what encounters were applicable.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Logic	Numerator	Standards Update
clinical workflow assesses whether a patient previously received the influenza immunization.			
Added 'Influenza Vaccination Declined' value set (2.16.840.1.113883.3.526.3.1255) as a negation rationale	Logic	Denominator Exceptions	Standards Update
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.			
Removed 'Patient Declined Influenza Vaccination' definition due to a change in how the value set is applied to	Logic	Definitions	Standards Update
the denominator exception.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
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	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes	Value Set	Terminology	Annual Update
(12843005, 18170008, 19681004, 4525004, 439708006, 207195004).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
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	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
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	Terminology	Annual Update
value set (2.16.840.1.113883.3.526.2.1774) including 2 codes.			
Value set Patient Provider Interaction (2.16.840.1.113883.3.526.3.1012): Deleted 6 SNOMED CT codes	Value Set	Terminology	Annual Update
(12843005, 18170008, 19681004, 207195004, 4525004, 439708006).			
Value set Behavioral/Neuropsych Assessment (2.16.840.1.113883.3.526.3.1023): Deleted 3 CPT codes (96118,	Value Set	Terminology	Annual Update
96119, 96120). Added SNOMED CT extensional value set (2.16.840.1.113883.3.526.2.1775) including 1 code.			
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.			
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Logic	Definitions	Measure Lead
of Pregnancy test.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Delivery Live Births (2.16.840.1.113883.3.464.1003.111.12.1015): Deleted 116 SNOMED CT codes.	Value Set	Terminology	Annual Update
Added ICD-10-PCS extensional value set (2.16.840.1.113883.3.464.1003.198.11.1146) including 10 codes.			
Value set Gonococcal Infections and Venereal Diseases (2.16.840.1.113883.3.464.1003.112.12.1001): Deletec	l Value Set	Terminology	Annual Update
1 SNOMED CT code (186932009).			
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	Value Set	Terminology	Annual Update
(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 Other Female Reproductive Conditions (2.16.840.1.113883.3.464.1003.111.12.1006): Added 4	Value Set	Terminology	Annual Update
SNOMED CT codes (39591000119109, 707577004, 712584009, 712585005) and deleted 2 SNOMED CT codes			
(415168001, 415168001).			
Value set Inflammatory Diseases of Female Reproductive Organs	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.112.12.1004): Deleted 6 SNOMED CT codes (186242002, 19372002,			
198212006, 198220008, 403482003, 54275000).			
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	Value Set	Terminology	Annual Update
SNOMED CT code (79019005).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	d		-
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
Standardized purpose statement language in value sets across eccivis, value set purpose statements are	value set	reminology	Wicasai C Ecaa

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	Header	Denominator Exclusions	ONC Project Tracking System
prior to the encounter during which the diagnosis was established' to be succinct.			(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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Annual Update
code (43692000) and deleted 3 SNOMED CT codes (195708003, 281794004, 55355000).			
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Deleted 3	Value Set	Terminology	Annual Update
RxNorm codes (1801142, 310156, 877486).			
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017):	Value Set	Terminology	Annual Update
Added 206 SNOMED CT codes and deleted 15 SNOMED CT codes.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	I		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Guidance	Measure Lead
norms for youth vary with age and sex.			
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	d		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Measure Lead
		Statement	
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	Header	Guidance	Measure Lead
multiple high risk medication orders.			
Updated numerator statement for Numerator 2 to include 'on different days' to clarify the intent of the	Header	Multiple Sections	Measure Lead
multiple high risk medication orders.			
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	Logic	Definitions	Measure Lead
Risk Medications Ordered on Different Days.'	J		
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.	· ·		·
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).	· ·	·	·
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions		·	·
related to calculating hospital stays.			
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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).	· ·	·	·
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.		S,	·
Value set Acetaminophen / Chlorpheniramine / Dextromethorphan / Pseudoephedrine	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.196.12.1321): Deleted 1 RxNorm code (1293298).		S,	·
Value set Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1343): Deleted 1 RxNorm	Value Set	Terminology	Annual Update
code (1876117).		S,	·
Value set Acetaminophen / Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1350): Deleted 1	Value Set	Terminology	Annual Update
RxNorm code (1245374).		<i>5.</i>	•
Value set Diphenhydramine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1371): Deleted 1 RxNorm	Value Set	Terminology	Annual Update
code (1049918).		07	
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	Value Set	Terminology	Annual Update
(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 High Risk Medications for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1253): Added 1	Value Set	Terminology	Annual Update
RxNorm code (1664543) and deleted 12 RxNorm codes.			
Value set Chlorpheniramine / Phenylephrine / Phenyltoloxamine	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.196.12.1453): Removed Chlorpheniramine / Phenylephrine /			
Phenyltoloxamine.			
Value set Chlorpheniramine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1301): Removed	Value Set	Terminology	Annual Update
Chlorpheniramine / Codeine.			
Value set Chlorpheniramine / Phenylephrine / Pyrilamine (2.16.840.1.113883.3.464.1003.196.12.1309):	Value Set	Terminology	Annual Update
Removed Chlorpheniramine / Phenylephrine / Pyrilamine.			
Value set Brompheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1327): Removed	Value Set	Terminology	Annual Update
Brompheniramine / Phenylephrine.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set High Risk Medications for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1253): Removed three	Value Set	Terminology	Measure Lead
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 List of Single RxNorm Code Concepts for High Risk Drugs for the Elderly	Value Set	Terminology	Measure Lead
(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).			

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	Measure Lead
		Statement	
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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Value set Chemotherapy Administration (2.16.840.1.113883.3.526.3.1027): Deleted 4 CPT codes (96411,	Value Set	Terminology	Annual Update
96415, 96417, 96423).			
Value set Cancer (2.16.840.1.113883.3.526.3.1010): Added 4 SNOMED CT codes (702391001, 763131005,	Value Set	Terminology	Annual Update
764791008, 767448007) and deleted 3 SNOMED CT codes (186709004, 186723002, 186725009). Added 29			
ICD-10-CM codes.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Rationale	Measure Lead
for major depressive episode.			
Updated clinical recommendation statement by deleting definitions for Response, Remission, Recovery,	Header	Clinical Recommendation	Measure Lead
Relapse, and Recurrence to improve clarity.		Statement	
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:	Header	Definition	ONC Project Tracking System
'Patients may be screened using PHQ-9 and PHQ-9M up to 7 days prior to the office visit (including the day of			(JIRA): CQM-3045
the office visit).'			
Updated initial population statement with addition of text to align with measure intent: 'or up to 7 days prior	Header	Initial Population	ONC Project Tracking System
to.'			(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	Logic	Initial Population	ONC Project Tracking System
encounter or up to 7 days prior to the encounter.			(JIRA): CQM-3045
Revised logic to replace the direct reference code with the 'PHQ 9 and PHQ 9M Tools' value set to improve	Logic	Numerator	Measure Lead
alignment with measure intent.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).	_	·	·
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	Value Set	Terminology	Annual Update
(133091000119105, 261000119107, 723903001, 723905008, 765176007, 767631007, 767635003,			
767636002).			
Value set Personality Disorder (2.16.840.1.113883.3.67.1.101.1.246): Added 6 SNOMED CT codes (21586000,	Value Set	Terminology	Annual Update
24315006, 33693007, 430744005, 430751001, 76105009).			-
Value set Schizophrenia or Psychotic Disorder (2.16.840.1.113883.3.464.1003.105.12.1104): Added 4	Value Set	Terminology	Annual Update
SNOMED CT codes (31027006, 36158005, 55736003, 88975006).			•
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Added 2 SNOMED CT	Value Set	Terminology	Annual Update
codes (16264901000119109, 104851000119103).		.	·
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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	Value Set	Terminology	Measure Lead
LOINC Code (44261-6)' with value set 'PHQ 9 and PHQ 9M Tools' (2.16.840.1.113883.3.67.1.101.1.263).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	d		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated 'Major Depressive Disorder Encounter' definition to allow for Telehealth Services encounters to	Logic	Multiple Sections	Expert Work Group Review
meet visit requirements based upon clinical expert recommendations.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1778) including 2 codes.			
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.			
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value	· Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	I		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	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	Header	Description	Measure Lead
period to align with most recent guidelines.			
Updated copyright.	Header	Copyright	Annual Update
Updated rationale.	Header	Rationale	Measure Lead
Updated clinical recommendation statement.	Header	Clinical Recommendation	Measure Lead
		Statement	
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	Header	Guidance	Measure Lead
align with newest guidelines.			
Updated initial population statement by replacing 'within first six months of the measurement period or any	Header	Initial Population	Measure Lead
time prior to' with 'overlapping' measurement period to align with most recent guidelines. Added 'visit' to			
Initial Population.'			
Updated denominator exclusions statement with addition of patients with advanced illness and frailty	Header	Denominator Exclusions	Measure Lead
because it is unlikely that patients will need the services being measured.			
Updated denominator exclusions statement with addition of patients 66 years of age and older who are living	g Header	Denominator Exclusions	Measure Lead
in a long-term institutional setting, such as a nursing home, for more than 90 days in the measurement perio	d		
to align with the HEDIS parent measure exclusion.			
Updated numerator statement to 'Patients whose most recent blood pressure is adequately controlled	Header	Numerator	Measure Lead
(systolic blood pressure < 140 mmHg and diastolic blood pressure < 90 mmHg) during the measurement			
period' to be succinct.			
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	Logic	Denominator Exclusions	Measure Lead
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.			
Revised logic to include new exclusion for patients 66 years of age and older who are living in a long-term	Logic	Denominator Exclusions	Measure Lead
institutional setting, such as a nursing home, for more than 90 days in the measurement period to align with			
the HEDIS parent measure exclusion.			
Updated Numerator logic to use the lowest systolic and diastolic reading on the day of the most recent blood	Logic	Numerator	Measure Lead
pressure.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).	-	-	
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to			
opuated definitions and functions in the Measure Additioning 1001 (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions	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	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
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-	Logic	Multiple Sections	Measure Lead
1.2.000).			
Added new CQL library with advanced illness and frailty exclusion definitions	Logic	Multiple Sections	Measure Lead
(AdvancedIllnessandFrailtyExclusionECQM-4.0.000).			
Value set Annual Wellness Visit (2.16.840.1.113883.3.526.3.1240): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1772) including 2 codes.			
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 4 CPT codes (1019320,	Value Set	Terminology	Annual Update
90957, 90958, 90959).			
Value set Essential Hypertension (2.16.840.1.113883.3.464.1003.104.12.1011): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(762463000).			
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Added ICD-10-PCS extensional	Value Set	Terminology	Annual Update
value set (2.16.840.1.113883.3.464.1003.109.11.1067) including 6 codes.			
Value set Kidney Transplant Recipient (2.16.840.1.113883.3.464.1003.109.12.1029): Deleted 1 ICD-10-CM	Value Set	Terminology	Annual Update
code (V42.0).			
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	Value Set	Terminology	Annual Update
Care Services in Long-Term Residential Facility.			
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	Value Set	Terminology	Annual Update
Visit.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	I		·
in the eCQM specifications for 2020 reporting/performance.			
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Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated 'Major Depressive Disorder Encounter' definition to allow for Telehealth Services encounters to	Logic	Multiple Sections	Expert Work Group Review
meet visit requirements based upon clinical expert recommendations.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Psych Visit - Family Psychotherapy (2.16.840.1.113883.3.526.3.1018): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1780) including 1 code.			
Value set Group Psychotherapy (2.16.840.1.113883.3.526.3.1187): Added SNOMED CT extensional value set	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1779) including 1 code.			
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	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.526.2.1778) including 2 codes.			
Value set Psych Visit - Diagnostic Evaluation (2.16.840.1.113883.3.526.3.1492): Added SNOMED CT	Value Set	Terminology	Annual Update
extensional value set (2.16.840.1.113883.3.526.2.1776) including 5 codes.			
Value set Psych Visit - Psychotherapy (2.16.840.1.113883.3.526.3.1496): Added SNOMED CT extensional value	Value Set	Terminology	Annual Update
set (2.16.840.1.113883.3.526.2.1777) including 13 codes.			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used	I		
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Clinical Recommendation	Measure Lead
from 9.3% to 8.4% based on updated clinical guidelines.		Statement	
Updated clinical recommendation statement.	Header	Clinical Recommendation	Measure Lead
		Statement	
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	Header	Guidance	Measure Lead
from 9.3% to 8.4% based on updated clinical guidelines.			
Updated header statements for the FRAX 10-year probability of all major osteoporosis related fracture results	Header	Denominator Exclusions	Measure Lead
from 9.3% to 8.4% based on updated clinical guidelines.			
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	Logic	Denominator Exclusions	Measure Lead
integer for clarity and to improve alignment with measure intent.			
Changed the probability assessment result from 9.3% to 8.4% in the 'Osteoporosis Fracture Probability	Logic	Denominator Exclusions	Measure Lead
Assessment' definition to align with updated clinical guidelines.			
Changed definition name from 'Average of More Than Two Drinks Per Drinking Day' to 'First Average Number	Logic	Definitions	Measure Lead
of Drinks Assessments Indicating More Than Two Per Day' to better align with the measure intent.			
Changed the probability assessment result from 9.3% to 8.4% in the 'Osteoporosis Fracture Probability	Logic	Definitions	Measure Lead
Assessment' definition to align with updated clinical guidelines.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
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	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Chronic Liver Disease (2.16.840.1.113883.3.464.1003.199.12.1035): Added 9 SNOMED CT codes	Value Set	Terminology	Annual Update
(737202006, 767809001, 767810006, 768006009, 768125005, 768126006, 768127002, 768288001,			-
768289009).			
Value set Glucocorticoids (oral only) (2.16.840.1.113883.3.464.1003.196.12.1266): Deleted 2 RxNorm codes	Value Set	Terminology	Annual Update
(197543, 197545).		- ·	•

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	Value Set	Terminology	Annual Update
(763839005).			
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	Value Set	Terminology	Annual Update
(2.16.840.1.113883.3.464.1003.118.12.1081): Removed Ten-year probability of all major osteoporosis related	ed		
fracture.			
Value set Osteoporosis (2.16.840.1.113883.3.464.1003.113.12.1038): Added 1 SNOMED CT code	Value Set	Terminology	Annual Update
(203657009).			
Replaced Ten year probability of hip fracture (2.16.840.1.113883.3.464.1003.118.11.1095) with direct	Value Set	Terminology	Annual Update
reference code LOINC code (90265-0).			
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	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Replaced Ten year probability of hip fracture (2.16.840.1.113883.3.464.1003.118.11.1095) with direct	Value set	Terminology	Measure Lead
reference code LOINC code (90265-0).			
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	Header	Rate Aggregation	Measure Lead
calculation.			
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	e Header	Guidance	Expert Work Group Review
three populations.			
Updated denominator exceptions statement for 'Patients receiving palliative care' to 'Patients receiving	Header	Denominator Exceptions	ONC Project Tracking System
palliative or hospice care' to align with the measure intent.			(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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Moderate intensity statin therapy (2.16.840.1.113762.1.4.1047.98): Added 2 RxNorm codes	Value Set	Terminology	Annual Update
<u>(</u> 1790679, 1944264).			
Value set Low intensity statin therapy (2.16.840.1.113762.1.4.1047.107): Added 2 RxNorm codes (1790679,	Value Set	Terminology	Annual Update
1944264).			
Value set Outpatient Encounters for Preventive Care (2.16.840.1.113762.1.4.1047.9): Deleted 2 SNOMED CT	Value Set	Terminology	Annual Update
codes (30346009, 37894004).			
Value set Carotid Intervention (2.16.840.1.113883.3.117.1.7.1.204): Deleted 4 SNOMED CT codes	Value Set	Terminology	Annual Update
(209760000, 25007007, 55493009, 75538004).			
Value set CABG Surgeries (2.16.840.1.113883.3.666.5.694): Added 4 SNOMED CT codes (736970002,	Value Set	Terminology	Annual Update
736971003, 736972005, 736973000).			
Value set Hepatitis A (2.16.840.1.113883.3.464.1003.110.12.1024): Added 5 SNOMED CT codes	Value Set	Terminology	Annual Update
(105801000119103, 165997004, 278971009, 310875001, 428030001).			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMED CT codes and deleted 6	9 Value Set	Terminology	Annual Update
SNOMED CT codes.			
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'	Value Set	Terminology	ONC Project Tracking System
(2.16.840.1.113883.3.600.1.1579) to align with measure intent.			(JIRA): CQM-3022
Created Statin Allergen (2.16.840.1.113762.1.4.1110.41) with 1 SNOMED code (372912004) and combined	Value Set	Terminology	Measure Lead
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).			
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	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Deleted three extensional value sets	Value Set	Terminology	Measure Lead
(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-1	0-		
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-1	0-		
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)).			

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	Header	Guidance	ONC Project Tracking System
test results, and not a value set.			(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	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Updated definitions and functions in the Measure Authoring Tool (MAT) Global Common Functions Library to	Logic	Multiple Sections	Standards Update
align with standards changes, Clinical Quality Language (CQL) Style Guide, and to include two new functions			
related to calculating hospital stays.			
Updated version number of the Measure Authoring Tool (MAT) Global Common Functions Library	Logic	Multiple Sections	Standards Update
(MATGlobalCommonFunctions-4.0.000).			
Value set Conditions Due To Human Immunodeficiency Virus (HIV) (2.16.840.1.113762.1.4.1056.54): Deleted	Value Set	Terminology	Annual Update
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 Human Immunodeficiency Virus (HIV) Laboratory Test Codes (Ab and Ag)	Value Set	Terminology	Annual Update
(2.16.840.1.113762.1.4.1056.50): Added 15 LOINC codes and deleted 3 LOINC codes (6429-5, 6430-3, 6431-			
1).			
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	Value Set	Terminology	Standards Update
Clinical Quality Measure Logic and Implementation Guidance document for a list of code system versions used			
in the eCQM specifications for 2020 reporting/performance.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

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	Header	Description	Measure Lead
replaced by new SNOMED CT code. This change is also listed in guidance.			
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	Header Guidance Measure Lead		
custom J1950, cont code to align with updates in the logic.			
Updated initial population statement to 'Male patients with a qualifying encounter in the measurement	Header	Initial Population	Measure Lead
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 th	e		
qualifying encounter occurs in the measurement period.			
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	Logic	Definitions	ONC Project Tracking System
measure's denominator exception. Logic adjusted to reflect the description is 'after the start of ADT.' Timing			(JIRA): CQM-3468
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.			
Updated the names of Clinical Quality Language (CQL) definitions, functions, and/or aliases for clarification	Logic	Definitions and Functions	Standards Update
and to align with CQL Style Guide.			
Updated Clinical Quality Language (CQL) expression to conform with the HL7 Standard: Clinical Quality	Logic	Multiple Sections	Standards Update
Language Specification, Release 1 STU 3 (CQL 1.3).			
Replaced Procedure, Order: Injection leuprolide Acetate using 'Injection Leuprolide Acetate	Value Set	Terminology	ONC Project Tracking System
(2.16.840.1.113762.1.4.1151.16)' value set with the direct reference SNOMED CT code 456381000124102,			(JIRA): CQM-2935
which is Injection of leuprolide acetate for twelve month period (regime/therapy) that just recently became			
available and is most appropriate.			
Standardized purpose statement language in value sets across eCQMs. Value set purpose statements are	Value Set	Terminology	Measure Lead
visible in the Value Set Authority Center (VSAC) as well as the downloadable eCQM value set files.			

Version History

Date	Comments		
November 2019	Revised document to reflect program rule updates for 2020 reporting:		
	Removed the following measures from the table:		
	o CMS52v8: HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis		
	 CMS132v8: Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures 		
	 CMS160v8: Depression Utilization of the PHQ-9 Tool 		
	CMS82v7: Maternal Depression Screening		
May 2019	Original Publication		