

CLINICAL QUALITY MEASURES FOR CMS'S 2014

EHR INCENTIVE PROGRAM FOR ELIGIBLE PROFESSIONALS: UPDATED RELEASE NOTES

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CLINICAL QUALITY MEASURES FOR CMS'S 2014 EHR INCENTIVE PROGRAM FOR ELIGIBLE PROFESSIONALS RELEASE NOTES

In August 2012, the Centers for Medicare & Medicaid Services (CMS) finalized the clinical quality measures (CQMs) for the 2014 Medicare and Medicaid Electronic Health Record (EHR) Incentive Program for Eligible Professionals for Stage 1 and 2 of Meaningful Use. This list of CQMs has been updated based on advances in technology and tools for eMeasure development, comments from stakeholders, changes initiated by measure developers, and CMS's standards as defined in the agency's Measures Management System Blueprint, Version 9 (Blueprint).¹

CMS recognizes the importance of providing support, training, and information to MU stakeholders, particularly as the EHR Incentive Programs transition to MU2. The purpose of this document is to inform eligible providers and the vendor community about updated program requirements related to the CQMs.

This document is intended for readers who are familiar with eMeasure components and the current standards for construction of an eMeasure. For more information on eMeasures, please visit the CMS website (<http://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/ClinicalQualityMeasures.html>) and download the *Guide for Reading the EHR Incentive Program EP Measures*.

Global Edit

- eMeasure version number incremented

¹ CMS. "CMS Measure Management System Blueprint,." Available at <http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/MMS/MeasuresManagementSystemBlueprint.html>). Accessed December 17, 2012. Since the completion of MU2 CQM's the latest Blueprint version is 9.0.

CMS2v3: Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan

Value Set Changes

- Added the following value sets:
 - Adolescent Depression Screening LOINC (2.16.840.1.113883.3.600.2452)
 - Adult Depression Screening LOINC (2.16.840.1.113883.3.600.2449)
 - Depression Screening Result SNOMED-CT (2.16.840.1.113883.3.600.2454)
 - Negative Depression Screening SNOMED-CT (2.16.840.1.113883.3.600.2451)
 - Positive Depression Screening SNOMED (2.16.840.1.113883.3.600.2450)

- Updated the following value sets:
 - Additional evaluation for depression – adolescent SNOMED-CT (2.16.840.1.113883.3.600.1542)
 - Additional evaluation for depression – adult SNOMED-CT (2.16.840.1.113883.3.600.1545)
 - Depression Screening Denominator Encounter Codes CPT (2.16.840.1.113883.3.600.1538)
 - Follow-up for depression - adolescent (2.16.840.1.113883.3.600.467)
 - Follow-up for depression – adult (2.16.840.1.113883.3.600.468)
 - Depression medications – adult RxNorm (2.16.840.1.113883.3.600.470)

- Deleted the following value sets:
 - Adolescent Depression Screening SNOMED (2.16.840.1.113883.3.600.425)
 - Adolescent depression screening HCPCS (2.16.840.1.113883.3.600.451)
 - Adolescent Depression Screening ICD9 (2.16.840.1.113883.3.600.453)
 - Adolescent depression screening ICD10 (2.16.840.1.113883.3.600.455)
 - Adult Depression Screening SNOMED (2.16.840.1.113883.3.600.427)
 - Adult Depression Screening HCPCS (2.16.840.1.113883.3.600.452)
 - Adult depression screening ICD9 (2.16.840.1.113883.3.600.454)
 - Adult depression screening ICD10 (2.16.840.1.113883.3.600.456)
 - Negative Depression Screening SNOMED (2.16.840.1.113883.3.600.794)
 - Positive Depression Screening SNOMED (2.16.840.1.113883.3.600.793)

Header Changes

- eMeasure version number incremented

- Copyright updated
- Rationale updated
- Clinical Recommendation Statement updated
- References updated
- Definition updated
- Guidance updated
- Denominator Exclusions updated

Logic Changes

- Denominator Exclusions
 - Technical updates and corrections to address timing, revised data elements and updated value sets
- Numerator
 - Screening Time logic changed to look for most recent screening to be used for the performance calculation
- Denominator Exceptions
 - Changed data element for exceptions from intervention to risk category assessment
 - Changed logic to account for updated value sets

CMS22v2: Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Value Set Changes

- Added the following value sets:
 - Dental Tooth Extraction CDT 2.16.840.1.113883.3.600.2466
 - ECG 12 lead or study order Grouping 2.16.840.1.113883.3.600.2448
 - ECG Study LOINC 2.16.840.1.113883.3.600.2446
 - ECG 12 lead LOINC 2.16.840.1.113883.3.600.2447
 - Finding of Hypertension SNOMED-CT 2.16.840.1.113883.3.600.2395
 - Followup within one year SNOMED-CT 2.16.840.1.113883.3.600.1474
 - Followup within 4 weeks SNOMED-CT 2.16.840.1.113883.3.600.1537
 - Laboratory Tests for Hypertension LOINC 2.16.840.1.113883.3.600.2462
- Updated the following value sets:
 - Anti-hypertensive Pharmacologic Therapy RxNorm 2.16.840.1.113883.3.600.1476

- BP Screening Denominator Encounter Codes CPT
2.16.840.1.113883.3.600.192
- BP Screening Denominator Encounter Codes Grouped New Grouping
2.16.840.1.113883.3.600.1920
- Dietary Recommendations SNOMED 2.16.840.1.113883.3.600.1511
- Laboratory Tests for Hypertension LOINC 2.16.840.1.113883.3.600.1482
- Dietary Recommendations HCPCS 2.16.840.1.113883.3.600.1512 HCPCS
- Lifestyle Recommendation SNOMED-CT (2.16.840.1.113883.3.600.1508)
- Moderation of ETOH Consumption Recommendation SNOMED-CT
2.16.840.1.113883.3.600.823
- Weight Reduction Recommendation SNOMED-CT
2.16.840.1.113883.3.600.805
- Weight Reduction Recommendation- 275919002 Weight loss advised
(situation); 401003006 Weight loss from baseline weight (observable entity)
- Removed the following value sets:
 - Laboratory Tests for Hypertension CPT 2.16.840.1.113883.3.600.1480
 - Laboratory Tests for Hypertension- SNOMED_CT
2.16.840.1.113883.3.600.1481
 - Blood Pressure Measured 2.16.840.1.113883.3.600.2012
 - Electrocardiogram (ECG) SNOMED-CT 2.16.840.1.113883.3.600.1483
 - Rescreen BP Within 1 Year SNOMED-CT 2.16.840.1.113883.3.600.1474
 - Rescreen BP within 4 weeks SNOMED-CT 2.16.840.1.113883.600.1537

Header Changes

- eMeasure version number incremented
- Rationale updated
- References updated
- Definition updated
- Guidance updated
- Numerator updated

Logic Changes

- Initial Patient Population
 - Corrected structure for Patient Characteristic Birthdate
- Numerator Reason attribute “Finding of Hypertension” added to:

- Intervention, Order: Referral to Alternative Provider/ Primary Care Provider
- Intervention, Order: Followup within one year
- Intervention, Order: Followup within 4 Weeks
- Numerator
 - Changed data element for ECG from Laboratory Test to Diagnostic Study

CMS50v2: Closing the Referral Loop: Receipt of Specialist Report

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated

Logic Changes

- Numerator
 - Changed AND: “Occurrence A of Intervention, Performed: Referral” ends before start of (“Communication: From Provider to Provider: Consultant Report” during “Measurement Period”) to AND: “Occurrence A of Intervention, Performed: Referral” ends before start of (“Occurrence A of Communication: From Provider to Provider: Consultant Report” during “Measurement Period”)

CMS52v2: HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis

Value Set Changes

- Deleted 7 RxNorm codes with values that are not prescribable. Four codes are from the Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis value set (2.16.840.1.113883.3.464.1003.196.11.1076) and three are from the Leucovorin value set (2.16.840.1.113883.3.464.1003.196.11.1205).

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic changes

- Initial Patient Population 2
 - Revised age to < 6 years based on eMIG guidance on age calculation

CMS56v2: Functional Status Assessment for Hip Replacement

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Clinical Recommendation Statement updated

Logic Changes

- Initial Patient Population
 - Changed “AND: “Encounter, Performed: Office Visit” <= 180 day(s) ...” to “AND: “Occurrence A of Encounter, Performed: Office Visit” <= 180 day(s)...”
- Denominator Exclusions
 - Changed AND NOT: “Diagnosis, Active: Severe Dementia”... to AND NOT: “Occurrence A of Diagnosis, Active: Severe Dementia”
 - Changed AND: “Diagnosis, Active: Severe Dementia”...AND: “Occurrence A of Diagnosis, Active: Severe Dementia”
- Numerator
 - Changed “ AND:”Functional Status, Result...” to “AND:”Occurrence A of Functional Status, Result”

CMS61v3: Preventive Care and Screening: Cholesterol-Fasting Low Density Lipoprotein (LDL-C) Test Performed

Value Set Changes

- Added the following value sets
 - Current Cigarette Smoker SNOMED-CT 2.16.840.1.113883.3.600.2390
 - Framingham coronary heart disease 10 year risk Grouping 2.16.840.1.113883.3.600.1561
 - Framingham coronary heart disease 10 year risk LOINC 2.16.840.1.113883.3.600.1560
 - LDL Code Grouping 2.16.840.1.113883.3.600.872
 - LDL Code LOINC 2.16.840.1.113883.3.600.869
- Updated the following value sets
 - Anti-Hypertensive Pharmacologic Therapy RxNorm 2.16.840.1.113883.3.600.1476
 - High Density Lipoprotein (HDL) 2.16.840.1.113883.3.600.875

- Palliative Care SNOMED-CT 2.16.840.1.113883.3.600.1.1578
- Smoking 2.16.840.1.113883.3.600.2390 SNOMED-CT
- Total Cholesterol Grouping 2.16.840.1.113883.3.600.879
- Triglycerides Grouping 2.16.840.1.113883.3.600.883
- Deleted the following value sets
 - High Density Lipoprotein (HDL) SNOMED-CT 2.16.840.1.113883.3.600.874
 - LDL Test Grouping 2.16.840.1.113883.3.464.1003.198.12.1016
 - LDL Test LOINC 2.16.840.1.113883.3.464.1003.198.11.1029
 - Patient Request SNOMED-CT 2.16.840.1.113883.3.600.1564
 - Smoking SNOMED-CT 2.16.840.1.113883.3.600.1559
 - Total Cholesterol CPT 2.16.840.1.113883.3.600.876
 - Total Cholesterol SNOMED-CT 2.16.840.1.113883.3.600.878
 - Triglycerides CPT 2.16.840.1.113883.3.600.880
 - Triglycerides SNOMED-CT 2.16.840.1.113883.3.600.882

Header Changes

- eMeasure version number incremented
- Stratification updated
- Rationale updated
- Clinical Recommendation Statement updated
- References updated
- Definition updated
- Guidance updated
- Denominator updated
- Denominator Exclusions updated
- Denominator Exceptions updated

Logic Changes

- Initial Patient Population 1
 - Changed upper age range to 79 to ensure appropriate patients are included in the measure
- Denominator 1
 - Added Risk Category Assessment of Framingham > 20%

- Denominator Exclusions 1
 - Changed Procedure for Palliative Care from Performed to Ordered
- Numerator 1
 - Updated value set for LDL laboratory test
- Denominator Exceptions 1
 - Removed exception for patient request
 - Updated value set for LDL laboratory test
- Initial Patient Population 2
 - Changed upper age range to 79 to ensure appropriate patients are included in the measure
- Denominator 2
 - Changed to reflect Risk Category Assessment of Framingham between 10 and 20%
 - Smoking data element changed to Patient Characteristic: Smoking
- Denominator Exclusions 2
 - Changed Procedure for Palliative Care from Performed to Ordered
- Numerator 2
 - Updated value set for LDL laboratory test
- Denominator Exceptions 2
 - Removed exception for patient request
 - Updated value set for LDL laboratory test
- Initial Patient Population 3
 - Changed upper age range to 79 to ensure appropriate patients are included in the measure
- Denominator 3
 - Changed to reflect Risk Category Assessment of Framingham less than 10%
 - Smoking data element changed to Patient Characteristic: Smoking
- Numerator 3
 - Updated value set for LDL laboratory test

- Denominator Exceptions 3
 - Removed exception for patient request
 - Updated value set for LDL laboratory test

CMS62v2: HIV/AIDS: Medical Visit

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated

CMS64v3: Preventive Care and Screening: Risk-Stratified Cholesterol – Fasting Low Density Lipoprotein (LDL-C)

Value Set Changes

- Added the following value sets
 - Current Cigarette Smoker SNOMED-CT 2.16.840.1.113883.3.600.2390
- Updated the following value sets
 - Anti-Hypertensive Pharmacologic Therapy RxNorm 2.16.840.1.113883.3.600.1476
 - Framingham coronary heart disease 10 year risk Grouping 2.16.840.1.113883.3.600.1561
 - High Density Lipoprotein (HDL) 2.16.840.1.113883.3.600.875
 - LDL Code Grouping 2.16.840.1.113883.3.600.872
 - Palliative Care SNOMED-CT 2.16.840.1.113883.3.600.1.1578
 - Smoking 2.16.840.1.113883.3.600.2390 SNOMED-CT
 - Total Cholesterol Grouping 2.16.840.1.113883.3.600.879
 - Triglycerides Grouping 2.16.840.1.113883.3.600.883
- Deleted the following value sets
 - Framingham coronary heart disease 10 year risk SNOMED-CT 2.16.840.1.113883.3.600.1478
 - High Density Lipoprotein (HDL) SNOMED-CT 2.16.840.1.113883.3.600.874
 - LDL Code CPT 2.16.840.1.113883.3.600.870
 - LDL Code SNOMED-CT 2.16.840.1.113883.3.600.871
 - LDL Test Grouping 2.16.840.1.113883.3.464.1003.198.12.1016
 - LDL Test LOINC 2.16.840.1.113883.3.464.1003.198.11.1029

- Patient Reason refused SNOMED-CT 2.16.840.1.113883.3.600.791
- Patient Request SNOMED-CT 2.16.840.1.113883.3.600.1564
- Smoking SNOMED-CT 2.16.840.1.113883.3.600.1559
- Total Cholesterol CPT 2.16.840.1.113883.3.600.876
- Total Cholesterol SNOMED-CT 2.16.840.1.113883.3.600.878
- Triglycerides CPT 2.16.840.1.113883.3.600.880
- Triglycerides SNOMED-CT 2.16.840.1.113883.3.600.882

Header Changes

- eMeasure version number incremented
- Stratification updated
- Rationale updated
- Clinical Recommendation Statement updated
- References updated
- Definition updated
- Guidance updated
- Denominator updated
- Numerator updated
- Denominator Exceptions updated to be none

Logic Changes

- Initial Patient Population 1
 - Changed upper age range to 79 to ensure appropriate patients are included in the measure
- Denominator 1
 - Added occurencing to Risk Category Assessment of Framingham > 20%
 - Updated value set for LDL laboratory test
 - Removed risk factor counts
- Numerator 1
 - Added occurencing to Laboratory Test
- Denominator Exceptions 1
 - Deleted exceptions

- Initial Patient Population 2
 - Changed upper age range to 79 to ensure appropriate patients are included in the measure
- Denominator 2
 - Changed Risk Category Assessment for Framingham from AND $\leq 20\%$ to AND NOT $> 20\%$
 - Updated value set for LDL laboratory test
 - Added occurrence of Risk Category Assessment for Framingham $\geq 10\%$ to risk factor conditions logic block
 - Changed Diagnosis of Smoking to Patient Characteristic
- Denominator Exclusions 2
 - Changed Procedure for Palliative Care from Performed to Ordered
- Numerator 2
 - Added occurring to Laboratory Test
- Denominator Exceptions 2
 - Deleted exceptions
- Initial Patient Population 3
 - Changed upper age range to 79 to ensure appropriate patients are included in the measure
- Denominator 3
 - Changed Risk Category Assessment for Framingham from AND $\leq 10\%$ to AND NOT $> 10\%$
 - Updated value set for LDL laboratory test
 - Added occurrence of Risk Category Assessment for Framingham $< 10\%$ to risk factor conditions logic block
 - Changed Diagnosis of Smoking to Patient Characteristic
- Denominator Exclusions 3
 - Changed Procedure for Palliative Care from Performed to Ordered
- Numerator 3
 - Updated value set for LDL laboratory test
- Denominator Exceptions 3
 - Deleted exceptions

CMS65v3: Hypertension: Improvement in Blood Pressure

Value Set Changes

- Deleted 7 ICD-10 codes flagged by NLM from the Pregnancy value set (2.16.840.1.113883.3.526.2.242)

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Definition: updated definitions of follow-up blood pressure, improvement in blood pressure, and Uncontrolled blood pressure; added a definition for uncontrolled baseline blood pressure

Logic Changes

- Initial Patient Population
 - AND NOT: “Diagnosis, Active: Hypertension” ends before start of “Measurement Period” added
 - Revised age to ≥ 18 years and < 85 years based on eMIG guidance on age calculation
 - Changed

AND: “Diagnosis, Active: Hypertension” starts before or during “Occurrence A of Encounter, Performed: Blood Pressure Visit”

TO:

AND: “Occurrence A of Diagnosis, Active: Hypertension” starts before or during “Occurrence A of Encounter, Performed: Blood Pressure Visit”

AND: “Occurrence A of Physical Exam, Finding: Systolic Blood Pressure (result ≥ 140 mmHg)”
- Denominator Exclusions
 - Changed

Diagnosis, Active: End Stage Renal Disease” using “End Stage Renal Disease Grouping Value Set (2.16.840.1.113883.3.526.3.353)” to

OR:

AND NOT: “Occurrence A of Diagnosis, Active: End Stage Renal Disease” ends before start of “Measurement Period”

AND: “Occurrence A of Diagnosis, Active: End Stage Renal Disease” starts before or during “Measurement Period”

- Changed
 - OR:
 - AND NOT: “Diagnosis, Active: Pregnancy ends before start of “Measurement Period”
 - AND: “Diagnosis, Active: Pregnancy” starts before or during “Measurement Period” to
 - OR:
 - AND NOT: “Occurrence A of Diagnosis, Active: Pregnancy” ends before start of “Measurement Period”
 - AND: “Occurrence A of Diagnosis, Active: Pregnancy” starts before or during “Measurement Period”

CMS66v2: Functional Status Assessment for Knee Replacement

Header Changes

- eMeasure version number incremented
- Disclaimer language updated
- Copyright language updated

Logic Changes

- Initial Patient Population
 - Changed AND: “Encounter, Performed: Outpatient Consultation” <= 180 day(s) ... to AND: “Occurrence A of Encounter, Performed: Outpatient Consultation” <= 180 days(s)...
 - Changed AND: “Encounter, Performed: Face-to-Face Interaction” <= 180 day(s) ... to AND: “Occurrence A of Encounter, Performed: Face-to-Face Interaction” <= 180 days(s)...
 - Changed AND NOT: “Diagnosis, Active: Severe Dementia” ... to AND: “Occurrence A of Diagnosis, Active: Severe Dementia” ...
- Denominator Exclusions
 - Changed AND: “Functional Status, Result: Functional Status Assessment for Knee Replacement” <= 180 day(s) ... to AND: “Occurrence A of Functional Status, Result: Functional Status Assessment for Knee Replacement” <= 180 days(s)...
- Numerator
 - Changed AND: “Functional Status, Result: Functional Status Assessment for Knee Replacement” <= 180 day(s) ... to AND: “Occurrence A of Functional Status, Result: Functional Status Assessment for Knee Replacement” <= 180 days(s)...

CMS68v3: Documentation of Current Medications in the Medical Record

Value Set Changes

- Updated the following value sets:
 - Encounter Medications CPT 2.16.840.1.113883.3.600.1.1609

Header Changes

- eMeasure version number incremented
- Rationale updated
- Clinical Recommendation Statement updated
- Description updated
- References updated
- Definition updated
- Guidance updated
- Numerator updated
- Denominator Exceptions updated

CMS69v2: Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up

Value Set Changes

- Value Sets Added
 - Dental Tooth Extraction CDT 2.16.840.1.113883.3.600.0001.2468
 - Overweight SNOMED-CT 2.16.840.1.113883.3.600.2387
 - Underweight SNOMED-CT 2.16.840.1.113883.3.600.2388
 - Referrals where weight assessment may occur Grouping 2.16.840.1.113883.3.600.1.1527
 - SNOMED Referral Codes 2.16.840.1.113883.3.600.1.1610
- Value Sets Updated
 - Above normal f/u snomed 2.16.840.1.113883.3.600.1.1526
 - BMI Evaluation Management codes SNOMED-CT 2.16.840.1.113883.3.600.1.886
 - BMI Encounter Code Set Grouping 2.16.840.1.113883.3.600.1.1751
 - BMI Outpatient encounter Code Set CPT 2.16.840.1.113883.3.600.1.695
 - Below Normal Medications RxNorm 2.16.840.1.113883.3.600.1.1499
 - Encounter HCPCS codes 2.16.840.1.113883.3.600.1.885

- Below BMI follow up SNOMED-CT 2.16.840.1.113883.3.600.1.1551
- Palliative SNOMED 2.16.840.1.113883.3.600.1.1578
- Renamed BMI Findings value set to BMI LOINC Value 2.16.840.1.113883.3.600.1.681
- Value Sets Deleted
 - Above Normal Referrals SNOMED-CT 2.16.840.1.113883.3.600.1.1527
 - BMI Finding Code Set 2.16.840.1.113883.3.600.1.890
 - BMI Ratio 2.16.840.1.113883.3.600.1.1490
 - BMI values 2.16.840.1.113883.3.600.1.888
 - BMI Values 2.16.840.1.113883.3.600.1.889
 - BMI LOINC calculation 2.16.840.1.113883.3.600.1.2040
 - Below BMI follow up SNOMED: 404923009
 - Below Normal Referrals Grouping 2.16.840.1.113883.3.600.1.1529
 - Below Normal Referral codes SNOMED-CT 2.16.840.1.113883.3.600.1.1552
 - Above Normal Referrals SNOMED-CT 2.16.840.1.113883.3.600.1.1610

Header Changes

- eMeasure version number incremented
- Description updated
- Rationale updated
- Clinical Recommendation Statement updated
- References updated
- Definition updated
- Guidance updated
- Initial Patient Population updated
- Numerator updated

Logic Changes

- Initial Patient Population 1
 - Change from “Laboratory Test, Performed not done: Patient Reason Refused” for “BMI LOINC calculation LOINC Value Set” to “Physical Exam, Performed not done: Patient Reason Refused” for “BMI LOINC Value LOINC Value Set”

- Numerator 1
 - Updated BMI value set
 - Added Overweight and Underweight reason attributes to Intervention, Ordered
- Initial Patient Population 2
 - Change from “Laboratory Test, Performed not done: Patient Reason Refused” for “BMI LOINC calculation LOINC Value Set” to “Physical Exam, Performed not done: Patient Reason Refused” for “BMI LOINC Value LOINC Value Set”
 - Changed upper age range to < 64
- Numerator 2
 - Updated BMI value set reference
 - Added Overweight and Underweight reason attributes to Intervention, Ordered
 - “AND: MOST RECENT: “Occurrence A of Physical Exam, Performed: BMI LOINC Value” <= 6 month(s) starts before or during “Occurrence A of Encounter, Performed: BMI Encounter Code Set”
 - AND: “Occurrence A of Physical Exam, Finding: BMI LOINC Value (result >= 23 kg/m2)”
 - AND: “Occurrence A of Physical Exam, Finding: BMI LOINC Value (result < 30 kg/m2)”
- Changed “Laboratory Test, Performed not done: Patient Reason Refused” for “BMI LOINC calculation LOINC Value Set”
- Changed “Physical Exam, Performed not done: Medical or Other reason not done” for “BMI LOINC Value LOINC Value Set”

CMS74v3: Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Measure Steward updated
- Measure Developer updated

Logic Changes

- Initial Patient Population
 - Revised age to ≥ 0 years and < 20 years based on eMIG guidance on age calculation
- Reporting Stratum 3
 - Revised age to ≥ 0 years and < 20 years based on eMIG guidance on age calculation

CMS75v2: Children Who Have Dental Decay or Cavities

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Measure Steward updated
- Measure Developer updated
- Numerator updated

Logic Changes

- Initial Patient Population
 - Revised age to ≥ 0 years and < 20 years based on eMIG guidance on age calculation
- Numerator
 - Added AND NOT: “Occurrence A of Diagnosis, Active: Dental Caries” ends before start of “Measurement Period”

CMS77v2: HIV/AIDS: RNA Control for Patients with HIV

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Measure Steward updated
- Measure Developer updated

CMS82v1: Maternal Depression Screening

- No changes

CMS90v3: Functional Status Assessment for Complex Chronic Conditions

Value Set Changes

- Descriptors updated for 9 LOINC codes to conform with preferred descriptions for value set “Functional Status Assessment for Heart Failure” (2.16.840.1.113883.3.526.2.23)
- Leave in SNOMED codes 187758006, 188561006, and 277608004 for the “All Cancer” (.16.840.1.113883.3.464.1003.108.12.1011) value set even though these codes were deprecated as the value set looks back in time

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Measure Steward updated
- Measure Developer updated

Logic Changes

- Initial Patient Population
 - Changed AND NOT: “Diagnosis, Active: Heart Failure” ends before ...to AND NOT: “Occurrence A of Diagnosis, Active: Heart Failure” ends before...
 - Changed AND: “Diagnosis, Active: Heart Failure” starts before or during...to AND: “Occurrence A of Diagnosis, Active: Heart Failure” starts before or during...
- Denominator Exclusions
 - Changed AND NOT: “Diagnosis, Active: Severe Dementia” ends before ...to AND NOT: “Occurrence A of Diagnosis, Active: Severe Dementia” ends before...
 - Changed AND: “Diagnosis, Active: Severe Dementia” starts before or during...to AND: “Occurrence A of Diagnosis, Active: Severe Dementia” starts before or during...

CMS117v2: Childhood Immunization Status

Value Set Changes

- Added the following value sets:
 - Pneumococcal Conjugate Vaccine Administered
2.16.840.1.113883.3.464.1003.110.11.1133 SNOMED-CT
 - Rotavirus Vaccine (2 dose schedule) Administered
2.16.840.1.113883.3.464.1003.110.11.1131 SNOMED-CT
 - Rotavirus Vaccine (3 dose schedule) Administered
2.16.840.1.113883.3.464.1003.110.11.1132 SNOMED-CT
- Updated the following value sets:
 - Pneumococcal Conjugate Vaccine Administered
2.16.840.1.113883.3.464.1003.110.12.1046 Grouping
 - Rotavirus Vaccine (2 dose schedule) Administered
2.16.840.1.113883.3.464.1003.110.12.1048 Grouping
 - Rotavirus Vaccine (3 dose schedule) Administered
2.16.840.1.113883.3.464.1003.110.12.1047 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

CMS122v2: Diabetes: Hemoglobin A1c Poor Control

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 75 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure to ensure Diagnosis, Active: Diabetes is active during the measurement period.

CMS123v2: Diabetes: Foot Exam

Value Set Changes:

- Added the following value sets:
 - Bilateral Amputee 2.16.840.1.113883.3.67.1.101.1.140 Grouping
 - Left foot Amputee 2.16.840.1.113883.3.67.1.101.11.718 Grouping
 - Right foot Amputee 2.16.840.1.113883.3.67.1.101.11.719 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Denominator Exclusions updated
- Numerator updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 75 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure to ensure Diagnosis, Active: Diabetes is active during the measurement period.
- Denominator Exclusions
 - Revised logic to exclude people with bilateral foot or leg amputation, as they would not need a foot exam.
- Numerator
 - Revised logic to require all 3 inspections (visual, pulse and sensory) because the guidance states all 3 exams should be performed.

CMS124v2: Cervical Cancer Screening

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Initial Patient Population updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 23 years and < 64 years to ensure the appropriate people are included in the measure.

CMS125v2: Breast Cancer Screening

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Initial Patient Population updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 41 years and < 69 years to ensure the appropriate people are included in the measure.

CMS126v2: Use of Appropriate Medications for Asthma

Value Set Changes

- Updated the following value sets:
 - Preferred Asthma Therapy 2.16.840.1.113883.3.464.1003.196.12.1212 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 5 years and < 64 years to ensure the appropriate people are included in the measure.
- Reporting Stratum 4
 - Revised age to be ≥ 51 years and < 64 years to ensure the appropriate people are included in the stratum.

CMS127v2: Pneumonia Vaccination Status for Older Adults

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

CMS128v2: Anti-depressant Medication Management

Value Set Changes

- Added the following Value sets:
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Updated the following value sets:
 - Antidepressant Medication 2.16.840.1.113883.3.464.1003.196.12.1213 Grouping
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1017 SNOMED-CT
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1018 ICD-9
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1019 ICD-10
- Removed the following Value sets:
 - Psych Visit - Diagnostic or Evaluative Interview 2.16.840.1.113883.3.526.2.1053 CPT
 - Psych Visit - Diagnostic or Evaluative Interview 2.16.840.1.113883.3.526.3.1013 Grouping
 - Psych Visit - Individual Outpatient Interactive Psychotherapy 2.16.840.1.113883.3.526.2.1055 CPT
 - Psych Visit - Individual Outpatient Interactive Psychotherapy 2.16.840.1.113883.3.526.3.1015 Grouping
 - Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.2.1054 CPT
 - Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.3.1014 Grouping
 - Psych Visit - Medication Management 2.16.840.1.113883.3.526.2.1059 CPT

- Psych Visit - Medication Management 2.16.840.1.113883.3.526.3.1019 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Guidance updated
- Initial Patient Population updated

Logic Changes

- Initial Patient Population
 - Revised the dates for identifying Diagnosis, Active: Major Depression, to allow all numerator events to occur prior to the end of the year.
 - Revised logic to accommodate removal of several Psych Visit value sets.

CMS129v3: Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Clinical Recommendation Statement updated
- Reference updated
- Definition updated
- Guidance updated

Logic Changes

- Initial Patient Population
 - Revised logic to include the AND/AND NOT structure for ‘Diagnosis, Active’
- Denominator
 - Logic changes made to clarify relative timings and constraints of the data elements (eg, Prostate Specific Antigen, Clinical Staging Procedure, Gleason Score)

CMS130v2: Colorectal Cancer Screening

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Initial Patient Population updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 50 years and < 75 years to ensure the appropriate people are included in the measure.
- Numerator
 - Updated numerator to show that the procedures had to end before or during the measurement period to ensure the procedures were completed.

CMS131v2: Diabetes: Eye Exam

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 75 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure to ensure Diagnosis, Active: Diabetes is active during the measurement period.

CMS132v2: Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures

Value Set Changes

- Updated the following value sets:
 - Glaucoma 2.16.840.1.113883.3.526.2.1561 ICD-10
 - Glaucoma 2.16.840.1.113883.3.526.3.1423 Grouping
 - Chronic Iridocyclitis 2.16.840.1.113883.3.526.2.1543 ICD-10

- Chronic Iridocyclitis 2.16.840.1.113883.3.526.3.1416 Grouping
- Pseudoexfoliation Syndrome 2.16.840.1.113883.3.526.2.1596 ICD-10
- Pseudoexfoliation Syndrome 2.16.840.1.113883.3.526.3.1435 Grouping
- Use of Systemic Sympathetic alpha-1a Antagonist Medication for Treatment of Prostatic Hypertrophy 2.16.840.1.113883.3.526.2.1611 RxNorm
- Use of Systemic Sympathetic alpha-1a Antagonist Medication for Treatment of Prostatic Hypertrophy 2.16.840.1.113883.3.526.3.1442 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Rationale updated
- Reference updated
- Initial Patient Population updated
- Denominator Exclusions updated

CMS133v2: Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Value Set Changes

- Added the following value sets:
 - Best Corrected Visual Acuity 2.16.840.1.113883.3.526.2.1920 SNOMED-CT
 - Best Corrected Visual Acuity 2.16.840.1.113883.3.526.3.1488 Grouping
- Updated the following value sets:
 - Glaucoma 2.16.840.1.113883.3.526.2.1561 ICD-10
 - Glaucoma 2.16.840.1.113883.3.526.3.1423 Grouping
 - Chronic Iridocyclitis 2.16.840.1.113883.3.526.2.1543 ICD-10
 - Chronic Iridocyclitis 2.16.840.1.113883.3.526.3.1416 Grouping
 - Other Endophthalmitis 2.16.840.1.113883.3.526.2.1701 ICD-10
 - Other Endophthalmitis 2.16.840.1.113883.3.526.3.1473 Grouping
 - Disseminated Chorioretinitis and Disseminated Retinochoroiditis 2.16.840.1.113883.3.526.2.1659 ICD-10
 - Disseminated Chorioretinitis and Disseminated Retinochoroiditis 2.16.840.1.113883.3.526.3.1459 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Rationale updated
- Clinical Recommendation Statement updated
- Reference updated
- Guidance updated
- Denominator Exclusions updated

Logic Changes

- Numerator
 - Data element for ‘Physical Exam, Finding: Best Corrected Visual Acuity’ was added

CMS134v2: Diabetes: Urine Protein Screening

Value Set Changes

- Updated the following value sets:
 - ACE inhibitor or ARB 2.16.840.1.113883.3.526.2.39 RxNorm
 - ACE inhibitor or ARB 2.16.840.1.113883.3.526.3.1139 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 75 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure to ensure Diagnosis, Active: Diabetes is active during the measurement period.

CMS135v2: Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Value Set Changes

- Added the following value sets:
 - ACE inhibitor or ARB Allergen 2.16.840.1.113883.3.526.2.1926 RxNorm
 - ACE inhibitor or ARB Allergen 2.16.840.1.113883.3.526.3.1489 Grouping
- Updated the following value sets:
 - ACE inhibitor or ARB 2.16.840.1.113883.3.526.2.39 RxNorm
 - ACE inhibitor or ARB 2.16.840.1.113883.3.526.3.1139 Grouping
 - Pregnancy 2.16.840.1.113883.3.526.2.242 ICD-10
 - Pregnancy 2.16.840.1.113883.3.526.3.378 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Clinical Recommendation Statement updated
- Numerator updated
- Denominator Exceptions updated

Logic Changes

- Denominator Exceptions
 - Data element for ‘Medication, Allergy: ACE inhibitor or ARB Allergen’ was added
 - Data element for ‘Medication, Allergy: ACE inhibitor or ARB’ was removed

CMS136v3: ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication

Value Set Changes

- Added the following value sets:
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping

- Updated the following value sets:
 - ADHD Medications 2.16.840.1.113883.3.464.1003.196.11.1171 RxNorm
 - Behavioral Health Follow-up Visit
2.16.840.1.113883.3.464.1003.101.11.1221 CPT
 - Mental Health Diagnoses 2.16.840.1.113883.3.464.1003.105.11.1010
SNOMED-CT
 - Mental Health Diagnoses 2.16.840.1.113883.3.464.1003.105.11.1011 ICD-9

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Guidance updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 6 years and < 12 years to ensure the appropriate people are included in the measure.
- Denominator Exclusion
 - Revised logic to exclude patients with “Diagnosis, Active: Narcolepsy” starting before or during measurement period.
- Numerator
 - Revised logic to accommodate removal of several Psych Visit value sets.

CMS137v2: Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Value Set Changes

- Added the following value sets:
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Removed the following value sets:
 - Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.2.1055 CPT
 - Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.3.1015 Grouping

- Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.2.1054 CPT
- Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.3.1014 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Denominator Exclusion
 - Updated occurring in the denominator exclusion section to clarify that an event is needed 60 days prior to exclude the patient.
- Numerator
 - Revised logic to accommodate removal of several Psych Visit value sets

CMS138v2: Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Value Set Changes

- Added the following value sets:
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Removed the following value sets:
 - Psych Visit - Diagnostic or Evaluative Interview
2.16.840.1.113883.3.526.2.1053 CPT
 - Psych Visit - Diagnostic or Evaluative Interview
2.16.840.1.113883.3.526.3.1013 Grouping
 - Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.2.1055 CPT
 - Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.3.1015 Grouping
 - Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.2.1054 CPT

- Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.3.1014 Grouping
- Psych Visit - Medication Management 2.16.840.1.113883.3.526.2.1059 CPT
- Psych Visit - Medication Management 2.16.840.1.113883.3.526.3.1019 Grouping
- Updated the following value sets:
 - Tobacco Use Cessation Pharmacotherapy 2.16.840.1.113883.3.526.2.423 RxNorm
 - Tobacco Use Cessation Pharmacotherapy 2.16.840.1.113883.3.526.3.1190 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Rationale updated
- Clinical Recommendation Statement updated
- Reference updated
- Guidance updated

Logic Changes

- Initial Patient Population
 - Removed data elements as indicated in Value Set changes above
 - Added data elements as indicated in Value Set changes above
- Denominator Exceptions
 - QDM Category and Data Type changed for value set titled ‘Tobacco Use Screening’
 - Removed ‘Intervention, Performed not done: Tobacco Use Cessation Counseling’ as a valid medical reason denominator exception
 - Removed ‘Medication, Order not done: Tobacco Use Cessation Pharmacotherapy’ as a valid medical reason denominator exception

CMS139v2: Falls: Screening for Future Fall Risk

Header Changes

- eMeasure version number incremented
- Copyright updated

- Disclaimer updated

Logic Changes

- Denominator Exception
 - Revised logic to include the AND/AND NOT structure for Risk Category Assessment: Patient not ambulatory.

CMS140v2: Breast Cancer: Hormonal Therapy for Stage IC-IIIC Estrogen Receptor/Progesterone Receptor (ER/PR) Positive Breast Cancer

Value Set Changes

- Added the following value sets:
 - Tamoxifen or Aromatase Inhibitor Therapy Allergen
2.16.840.1.113883.3.526.2.1913 RxNorm
 - Tamoxifen or Aromatase Inhibitor Therapy Allergen
2.16.840.1.113883.3.526.3.1487 Grouping
- Updated the following value sets:
 - Gonadotropin-releasing hormone analogue medication
2.16.840.1.113883.3.526.2.467 RxNorm
 - Gonadotropin-releasing hormone analogue medication
2.16.840.1.113883.3.526.3.1316 Grouping
 - Tamoxifen or Aromatase Inhibitor Therapy 2.16.840.1.113883.3.526.2.285 RxNorm
 - Tamoxifen or Aromatase Inhibitor Therapy 2.16.840.1.113883.3.526.3.1315 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Clinical Recommendation Statement updated
- Reference updated
- Denominator Exceptions updated

Logic Changes

- Initial Patient Population
 - The concept of occurring was removed from the data elements used in the logic for 'Count >=2': 'Encounter, Performed: Office Visit' and 'Encounter, Performed: Patient Provider Interaction'

- Denominator
 - QDM Data Type changed for value set titled ‘Clinical Staging Procedure’
 - Revised logic to include the AND/AND NOT structure for ‘Diagnosis, Active’
 - Revised logic to include the AND/AND NOT structure for ‘Procedure, Result’
- Denominator Exceptions
 - Data element for ‘Medication, Allergy: Tamoxifen or Aromatase Inhibitor Therapy Allergen’ was added
 - Data element for ‘Medication, Allergy: Tamoxifen or Aromatase Inhibitor Therapy’ was removed

CMS141v3: Colon Cancer: Chemotherapy for AJCC Stage III Colon Cancer Patients

Value Set Changes

- Added the following value sets:
 - Chemotherapy for Colon Cancer - capecitabine allergen
2.16.840.1.113883.3.526.2.1914 RxNorm
 - Chemotherapy for Colon Cancer - capecitabine allergen
2.16.840.1.113883.3.526.3.1485 Grouping
 - Chemotherapy for Colon Cancer - fluorouracil allergen
2.16.840.1.113883.3.526.2.1915 RxNorm
 - Chemotherapy for Colon Cancer - fluorouracil allergen
2.16.840.1.113883.3.526.3.1486 Grouping
 - Chemotherapy for Colon Cancer - leucovorin and levo-leucovorin allergen
2.16.840.1.113883.3.526.2.1916 RxNorm
 - Chemotherapy for Colon Cancer - leucovorin and levo-leucovorin allergen
2.16.840.1.113883.3.526.3.1490 Grouping
 - Chemotherapy for Colon Cancer - oxaliplatin allergen
2.16.840.1.113883.3.526.2.1917 RxNorm
 - Chemotherapy for Colon Cancer - oxaliplatin allergen
2.16.840.1.113883.3.526.3.1495 Grouping
- Updated the following value sets:
 - Chemotherapy for Colon Cancer - fluorouracil
2.16.840.1.113883.3.526.2.1023 RxNorm
 - Chemotherapy for Colon Cancer - fluorouracil
2.16.840.1.113883.3.526.3.1289 Grouping
 - Chemotherapy for Colon Cancer - leucovorin and levo-leucovorin
2.16.840.1.113883.3.526.2.1024 RxNorm

- Chemotherapy for Colon Cancer - leucovorin and levo-leucovorin
2.16.840.1.113883.3.526.3.1290 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Reference updated

Logic Changes

- Initial Patient Population
 - Upper age limit revised to < 80 years to capture patients who will turn 80 years old during the measurement period
- Denominator
 - QDM Data Type changed for value set titled 'Clinical Staging Procedure'
- Numerator
 - QDM Data Type changed for value set titled 'Clinical Staging Procedure'
- Denominator Exceptions
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - capecitabine allergen' was added
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - fluorouracil allergen' was added
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - leucovorin and levo-leucovorin allergen' was added
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - oxaliplatin allergen' was added
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - capecitabine' was removed
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - fluorouracil' was removed
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - leucovorin and levo-leucovorin' was removed
 - Data element for 'Medication, Allergy: Chemotherapy for Colon Cancer - oxaliplatin' was removed

CMS142v2: Diabetic Retinopathy: Communication with the Physician Managing On-going Diabetes Care

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Clinical Recommendation Statement updated
- Reference updated

CMS143v2: Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation

Value Set Changes

- Updated the following value sets:
 - Primary Open Angle Glaucoma (POAG) 2.16.840.1.113883.3.526.2.73 ICD-10
 - Primary Open Angle Glaucoma (POAG) 2.16.840.1.113883.3.526.2.72 ICD-9
 - Primary Open Angle Glaucoma (POAG) 2.16.840.1.113883.3.526.3.326 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Clinical Recommendation Statement updated
- Reference updated

Logic Changes

- Denominator Exceptions
 - Changed logical operators from ‘AND’ to ‘OR’ – satisfying either statement would allow for valid medical reason denominator exception

CMS144v2: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Value Set Changes

- Added the following value sets:
 - Beta Blocker Therapy Allergen 2.16.840.1.113883.3.526.2.1921 RxNorm
 - Beta Blocker Therapy Allergen 2.16.840.1.113883.3.526.3.1493 Grouping
 - Cardiac Pacer in Situ 2.16.840.1.113883.3.526.2.1924 SNOMED-CT

- Updated the following value sets:
 - Beta Blocker Therapy 2.16.840.1.113883.3.526.2.133 RxNorm
 - Beta Blocker Therapy 2.16.840.1.113883.3.526.3.1174 Grouping
 - Beta Blocker Therapy for LVSD 2.16.840.1.113883.3.526.2.1342 RxNorm
 - Beta Blocker Therapy for LVSD 2.16.840.1.113883.3.526.3.1184 Grouping
 - Cardiac Pacer in Situ 2.16.840.1.113883.3.526.3.368 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Numerator updated

Logic Changes

- Denominator Exceptions
 - Data element for ‘Medication, Allergy: Beta Blocker Therapy Allergen’ was added
 - Data element for ‘Medication, Allergy: Beta Blocker Therapy’ was removed

CMS145v2: Coronary Artery Disease (CAD): Beta-Blocker Therapy—Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF <40%)

Value Set Changes

- Added the following value sets:
 - Beta Blocker Therapy Allergen 2.16.840.1.113883.3.526.2.1921 RxNorm
 - Beta Blocker Therapy Allergen 2.16.840.1.113883.3.526.3.1493 Grouping
 - Cardiac Pacer in Situ 2.16.840.1.113883.3.526.2.1924 SNOMED-CT
- Updated the following value sets:
 - Beta Blocker Therapy for LVSD 2.16.840.1.113883.3.526.2.1342 RxNorm
 - Beta Blocker Therapy for LVSD 2.16.840.1.113883.3.526.3.1184 Grouping
 - Cardiac Pacer in Situ 2.16.840.1.113883.3.526.3.368 Grouping
 - Cardiac Surgery 2.16.840.1.113883.3.526.2.169 CPT
 - Cardiac Surgery 2.16.840.1.113883.3.526.3.371 Grouping
 - Coronary Artery Disease No MI 2.16.840.1.113883.3.526.2.56 ICD-9
 - Coronary Artery Disease No MI 2.16.840.1.113883.3.526.2.57 ICD-10
 - Coronary Artery Disease No MI 2.16.840.1.113883.3.526.3.369 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Rate Aggregation reordered
- Guidance updated

Logic Changes

- Initial Patient Population
 - Added Occurrence A to Encounter, Performed: Office Visit
- Denominator Exceptions
 - Data element for 'Medication, Allergy: Beta Blocker Therapy Allergen' was added
 - Data element for 'Medication, Allergy: Beta Blocker Therapy' was removed

CMS146v2: Appropriate Testing for Children with Pharyngitis

Value Set Changes

- Updated the following value sets:
 - Antibiotic Medications 2.16.840.1.113883.3.464.1003.196.11.1001 RxNorm

Header Changes

- Copyright updated
- Disclaimer updated
- Guidance updated.

Logic Changes

- Initial Patient Population
 - Revised logic to remove AND NOT structure that was limiting the Initial Patient Population to the first episode during the year.
 - Revised age to be ≥ 2 years and < 18 years to ensure the appropriate people are included in the measure.
 - Revised logic to remove redundant Antibiotic Medication order clause

CMS147v2: Preventive Care and Screening: Influenza Immunization

Value Set Changes

- Updated the following value sets:
 - Influenza Vaccination 2.16.840.1.113883.3.526.2.199 CPT
 - Influenza Vaccination 2.16.840.1.113883.3.526.3.402 Grouping
 - Influenza Vaccine 2.16.840.1.113883.3.526.2.1348 CVX
 - Influenza Vaccine 2.16.840.1.113883.3.526.3.1254 Grouping

Header Changes

- Disclaimer updated
- Clinical Recommendation Statement updated
- Definition updated

CMS148v2: Hemoglobin A1c Test for Pediatric Patients

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Initial Patient Population updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 5 years and < 17 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure to ensure Diagnosis, Active: Diabetes is active during the measurement period.

CMS149v2: Dementia: Cognitive Assessment

Value Set Changes

- Added the following value sets:
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT

- Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Updated the following value sets:
 - Dementia & Mental Degenerations 2.16.840.1.113883.3.526.2.1067 ICD-10
 - Dementia & Mental Degenerations 2.16.840.1.113883.3.526.3.1005 Grouping
- Removed the following value sets:
 - Psych Visit - Diagnostic or Evaluative Interview
2.16.840.1.113883.3.526.2.1053 CPT
 - Psych Visit - Diagnostic or Evaluative Interview
2.16.840.1.113883.3.526.3.1013 Grouping
 - Psych Visit - Individual Inpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.2.1057 CPT
 - Psych Visit - Individual Inpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.3.1017 Grouping
 - Psych Visit - Individual Inpatient Psychotherapy
2.16.840.1.113883.3.526.2.1056 CPT
 - Psych Visit - Individual Inpatient Psychotherapy
2.16.840.1.113883.3.526.3.1016 Grouping
 - Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.2.1055 CPT
 - Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.3.1015 Grouping
 - Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.2.1054 CPT
 - Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.3.1014 Grouping
 - Psych Visit - Medication Management 2.16.840.1.113883.3.526.2.1059 CPT
 - Psych Visit - Medication Management 2.16.840.1.113883.3.526.3.1019
Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Rationale updated
- Reference updated
- Numerator updated

Logic Changes

- Initial Patient Population
 - Removed data elements as indicated in value set changes above
 - Added data elements as indicated in value set changes above
- Denominator Exceptions
 - Added 'Intervention, Performed not done: Cognitive Assessment' as a valid medical reason denominator exception
 - Added 'Intervention, Performed not done: Cognitive Assessment' as a valid patient reason denominator exception

CMS153v2: Chlamydia Screening for Women

Value Set Changes

- Updated the following value sets:
 - Complications of Pregnancy, Childbirth and the Puerperium
2.16.840.1.113883.3.464.1003.111.11.1023 SNOMED-CT
 - Contraceptive Medications 2.16.840.1.113883.3.464.1003.196.11.1080
RxNorm
 - Diagnostic Studies During Pregnancy
2.16.840.1.113883.3.464.1003.111.11.1013 LOINC
 - Procedures Involving Contraceptive Devices
2.16.840.1.113883.3.464.1003.111.11.1018 SNOMED-CT
 - X-Ray Study (all inclusive) 2.16.840.1.113883.3.464.1003.198.11.1055
LOINC

Header Changes

- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age from ≤ 24 year(s) to < 24 year(s) based on eMIG guidance on age calculation
- Reporting Stratum 2
 - Revised age from ≤ 24 year(s) to < 24 year(s) based on eMIG guidance on age calculation

CMS154v2: Appropriate Treatment for Children with Upper Respiratory Infection (URI)

Value Set Changes

- Updated the following value sets:
 - Antibiotic Medications 2.16.840.1.113883.3.464.1003.196.11.1001 RxNorm

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Guidance updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 3 months and < 18 years to ensure the appropriate people are included in the measure.

CMS155v2: Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents

Value Set Changes

- Updated the following value sets:
 - Pregnancy 2.16.840.1.113883.3.526.2.242 ICD-10
 - Pregnancy 2.16.840.1.113883.3.526.3.378 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 3 years and < 17 years to ensure the appropriate people are included in the measure.
- Reporting Stratum
 - Revised age from ≤ 17 year(s) to < 17 year(s)

CMS156v2: Use of High-Risk Medications in the Elderly

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Guidance updated

CMS157v2: Oncology: Medical and Radiation – Pain Intensity

Value Set Changes

- Updated the following value sets:
 - Cancer 2.16.840.1.113883.3.526.2.1078 ICD-10
 - Cancer 2.16.840.1.113883.3.526.2.1079 SNOMED-CT
 - Cancer 2.16.840.1.113883.3.526.3.1010 Grouping
 - Standardized Pain Assessment Tool 2.16.840.1.113883.3.526.2.1073 LOINC
 - Standardized Pain Assessment Tool 2.16.840.1.113883.3.526.3.1028 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Guidance updated

Logic Changes

- Initial Patient Population
 - Revised logic to include the AND/AND NOT structure for ‘Diagnosis, Active’
 - The concept of occurring was added to the data element ‘Diagnosis, Active: Cancer’

CMS158v2: Pregnant women that had HBsAg testing

Value Set Changes

- Created the following new value sets:
 - Delivery 2.16.840.1.113883.3.67.1.101.1.2433 ICD-10
 - HBsAg 2.16.840.1.113883.3.67.1.101.1.2435 CPT

- Updated the following value sets:
 - Delivery 2.16.840.1.113883.3.67.1.101.1.278 ICD-10
 - Delivery 2.16.840.1.113883.3.67.1.101.1.82 SNOMED-CT
 - Delivery 2.16.840.1.113883.3.67.1.101.1.83 ICD-9
 - Live Birth or Delivery 2.16.840.1.113883.3.67.1.101.1.274 ICD-10
 - Live Birth or Delivery 2.16.840.1.113883.3.67.1.101.1.276 ICD-9
 - HBsAg 2.16.840.1.113883.3.67.1.101.1.279 Grouping
 - HBsAg 2.16.840.1.113883.3.67.1.101.1.281 LOINC
- Title was changed for the following value sets:
 - Live Birth or Delivery 2.16.840.1.113883.3.67.1.101.1.273 Grouping
 - Live Birth or Delivery 2.16.840.1.113883.3.67.1.101.1.274 ICD-10
 - Live Birth or Delivery 2.16.840.1.113883.3.67.1.101.1.275 SNOMED-CT
 - Live Birth or Delivery 2.16.840.1.113883.3.67.1.101.1.276 ICD-9

Header Changes

- eMeasure version number incremented
- Initial Patient Population updated

Logic Changes

- Initial Patient Population
 - “Most Recent” clause was added to “Occurrence A of Procedure, Performed: Delivery” during “Measurement Period”
 - Full Term Delivery label was changed to Live Birth Delivery
 - The logic for Patient Characteristic birth date was updated: “birth date” \geq 12 year(s) at the start of the measurement period.”
 - The following clause was added: Occurrence A of Procedure, Performed: Delivery” = 0 days starts before or during “Occurrence A of Diagnosis, Active: Live Birth or Delivery”
- Denominator Exception
 - The following clause was added:
 - \leq 365 day(s) starts before start of “Occurrence A of Procedure, Performed: Delivery”

CMS159v2: Depression Remission at Twelve Months

Value Set Changes

- Added the following value sets:
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.11.1060 SNOMED-CT
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.11.1061 ICD-9
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.11.1062 ICD-10
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.12.1042 Grouping
 - Major Depression Including Remission 2.16.840.113883.3.67.1.101.3.2444 Grouping
 - Psych Visit 2.16.840.113883.3.67.1.101.3.2445 Grouping
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
 - Care Services in Long-Term Residential Facility 2.16.840.1.113883.3.464.1003.101.12.1014 Grouping
- Updated the following value sets:
 - Bipolar Disorder 2.16.840.1.113883.3.67.1.101.1.44 SNOMED-CT
 - Bipolar Disorder 2.16.840.1.113883.3.67.1.101.1.45 ICD-10
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1017 SNOMED-CT
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1018 ICD-9
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1019 ICD-10
 - Personality Disorder 2.16.840.1.113883.3.67.1.101.1.247 ICD-9
 - Personality Disorder 2.16.840.1.113883.3.67.1.101.1.248 ICD-10
 - Personality Disorder 2.16.840.1.113883.3.67.1.101.1.249 SNOMED-CT
- Removed the following value sets:
 - Nursing Home 2.16.840.1.113883.3.67.1.101.1.259 SNOMED-CT
 - Nursing Home 2.16.840.1.113883.3.67.1.101.11.722 Grouping
 - Residence 2.16.840.1.113883.3.67.1.101.1.258 SNOMED-CT

- Residence 2.16.840.1.113883.3.67.1.101.11.725 Grouping
- Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.2.1054 CPT
- Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.3.1014 Grouping

Header Changes

- eMeasure version number incremented
- Clinical Recommendation Statement updated
- References updated

Logic Change

- Initial Patient Population
 - Revised logic to include patients with Major Depression Including Remission or Dysthymia within 1 - 13 months before the start of Measurement Period.
 - Revised logic to account for Psych visit value set update.
 - Revised logic to look for the first occurrence of PHQ-9 Tool test results > 9, this is the event that kicks off the 13 month window.
- Denominator Exclusion
 - Updated logic to exclude patients who were permanent nursing home residents (Long-Term Residential Facility > 1) by utilizing the new value set “Care Services in Long-Term Residential Facility” Grouping Value Set (2.16.840.1.113883.3.464.1003.101.12.1014).
- Numerator
 - Revised measure logic to check for PHQ-9 Tool (result < 5) in the time frame 11 to 13 months (+/- 30 days from the first elevated PHQ-9 test result).

CMS160v2: Depression Utilization of the PHQ-9 Tool

Value Set Changes

- Added the following new value sets:
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.11.1060 SNOMED-CT
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.11.1061 ICD-9
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.11.1062 ICD-10
 - Major Depression in Remission 2.16.840.1.113883.3.464.1003.105.12.1042 Grouping

- Major Depression Including Remission 2.16.840.1.113883.3.67.1.101.3.2444 Grouping
- Psych Visit 2.16.840.1.113883.3.67.1.101.3.2445 Grouping
- Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
- Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
- Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
- Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Care Services in Long-Term Residential Facility 2.16.840.1.113883.3.464.1003.101.12.1014 Grouping
- Updated the following value sets:
 - Bipolar Disorder 2.16.840.1.113883.3.67.1.101.1.44 SNOMED-CT
 - Bipolar Disorder 2.16.840.1.113883.3.67.1.101.1.45 ICD-10
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1017 SNOMED-CT
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1018 ICD-9
 - Major Depression 2.16.840.1.113883.3.464.1003.105.11.1019 ICD-10
 - Personality Disorder 2.16.840.1.113883.3.67.1.101.1.247 ICD-9
 - Personality Disorder 2.16.840.1.113883.3.67.1.101.1.248 ICD-10
 - Personality Disorder 2.16.840.1.113883.3.67.1.101.1.249 SNOMED-CT
- Removed the following value sets:
 - Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.2.1054 CPT
 - Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.3.1014 Grouping
 - Residence 2.16.840.1.113883.3.67.1.101.1.258 SNOMED-CT
 - Residence 2.16.840.1.113883.3.67.1.101.11.725 Grouping

Header Changes

- eMeasure version number incremented
- Clinical Recommendation Statement updated

Logic Changes

- Initial Patient Population
 - Revised logic to use to include patients with Major Depression Including Remission or Dysthymia during each 4 month period.

- Revised logic to account for Psych visit value set update.
- Updated the logic for Encounter, Performed: Office Visit” or Encounter, Performed: Psych Visit” during each 4 month period.
- Denominator Exclusions
 - Updated logic to exclude patients who were permanent nursing home residents (Long-Term Residential Facility > 1) by utilizing the new value set “Care Services in Long-Term Residential Facility” Grouping Value Set (2.16.840.1.113883.3.464.1003.101.12.1014).
 - Logic was added for Encounter, Performed: Care Services in Long-Term Residential Facility

CMS161v2: Major Depressive Disorder (MDD): Suicide Risk Assessment

Value Set Changes

- Added the following value sets:
 - Emergency Department Visit 2.16.840.1.113883.3.464.1003.101.11.1050 CPT
 - Emergency Department Visit 2.16.840.1.113883.3.464.1003.101.12.1010 Grouping
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.2.1922 ICD-9
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.2.1918 ICD-10
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.2.1912 SNOMED-CT
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.3.1491 Grouping
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Removed the following value sets:
 - Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.2.347 ICD-9
 - Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.2.557 ICD-10
 - Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.2.556 SNOMED-CT
 - Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.3.558 Grouping

- Patient Provider Interaction 2.16.840.1.113883.3.526.2.1049 SNOMED-CT
- Patient Provider Interaction 2.16.840.1.113883.3.526.3.1012 Grouping
- Psych Visit - Diagnostic or Evaluative Interview
2.16.840.1.113883.3.526.2.1053 CPT
- Psych Visit - Diagnostic or Evaluative Interview
2.16.840.1.113883.3.526.3.1013 Grouping
- Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.2.1055 CPT
- Psych Visit - Individual Outpatient Interactive Psychotherapy
2.16.840.1.113883.3.526.3.1015 Grouping
- Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.2.1054 CPT
- Psych Visit - Individual Outpatient Psychotherapy
2.16.840.1.113883.3.526.3.1014 Grouping
- Psych Visit - Medication Management 2.16.840.1.113883.3.526.2.1059 CPT
- Psych Visit - Medication Management 2.16.840.1.113883.3.526.3.1019
Grouping

Header Changes

- eMeasure version number incremented
- Description updated
- Disclaimer updated
- Rationale updated
- Clinical Recommendation Statement updated
- References updated
- Definition updated
- Guidance updated
- Initial Patient Population updated
- Numerator updated

Logic Changes

- Initial Patient Population
 - Lower age limit revised to ≥ 17 years to capture patients who will turn 18 years old during the measurement period
 - Removed ‘Count ≥ 2 ’ for all QDM types ‘Encounter, Performed’; this measure now focuses on the encounter in which the episode of Major Depressive Disorder is identified (new or recurrent)

- Removed data elements as indicated in value set changes above
- Added data elements as indicated in value set changes above
- Numerator
 - Updated data elements as indicated in value set changes above

CMS163v2: Diabetes: Low Density Lipoprotein (LDL) Management

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 75 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure to ensure Diagnosis, Active: Diabetes is active during the measurement period.

CMS164v2: Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic

Value Set Changes

- Updated the following value sets:
 - Aspirin and Other Anti-thrombotics
2.16.840.1.113883.3.464.1003.196.11.1211 RxNorm
 - Percutaneous Coronary Interventions
2.16.840.1.113883.3.464.1003.104.11.1026 CPT

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised logic to remove AND NOT statement to reflect an active Acute Myocardial Infarction in the prior year qualifies the patient for the measure.

CMS165v2: Controlling High Blood Pressure

Value Set Changes

- Updated the following value sets:
 - Pregnancy 2.16.840.1.113883.3.526.2.242 ICD-10
 - Pregnancy 2.16.840.1.113883.3.526.3.378 Grouping

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated
- Numerator updated.

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 85 years to ensure the appropriate people are included in the measure.
 - Revised logic to include the AND/AND NOT structure for active diagnoses to make it consistent with other measures that require active diagnoses.

CMS166v3: Use of Imaging Studies for Low Back Pain

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised age to be ≥ 18 years and < 50 years to ensure the appropriate people are included in the measure.
 - Revised logic to include Encounter, Performed: Face-to-Face Interaction.

CMS167v2: Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy

Header Changes

- eMeasure version number incremented

- Disclaimer updated
- Clinical Recommendation Statement updated
- Reference updated

CMS169v2: Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use

Header Changes

- eMeasure version number incremented

Logic Changes

- Numerator
 - Revised logic of BH Assessment to include OR statements
 - Added: BH Assessment with OR statements that includes procedures, occurrences, medication, or encounters

CMS177v2: Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment

Value Set Changes

- Added the following value sets:
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.2.1922 ICD-9
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.2.1918 ICD-10
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.2.1912 SNOMED-CT
 - Major Depressive Disorder-Active 2.16.840.1.113883.3.526.3.1491 Grouping
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.2.1923 CPT
 - Psych Visit - Diagnostic Evaluation 2.16.840.1.113883.3.526.3.1492 Grouping
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.2.1927 CPT
 - Psych Visit - Psychotherapy 2.16.840.1.113883.3.526.3.1496 Grouping
- Updated the following value sets:
 - Group Psychotherapy 2.16.840.1.113883.3.526.2.1251 CPT
 - Group Psychotherapy 2.16.840.1.113883.3.526.3.1187 Grouping
- Removed the following value sets:
 - Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.2.347 ICD-9

- Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.2.556 SNOMED-CT
- Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.2.557 ICD-10
- Major Depressive Disorder New or Recurrent 2.16.840.1.113883.3.526.3.558 Grouping
- Psych Visit - Diagnostic or Evaluative Interview 2.16.840.1.113883.3.526.2.1053 CPT
- Psych Visit - Diagnostic or Evaluative Interview 2.16.840.1.113883.3.526.3.1013 Grouping
- Psych Visit - Individual Outpatient Interactive Psychotherapy 2.16.840.1.113883.3.526.2.1055 CPT
- Psych Visit - Individual Outpatient Interactive Psychotherapy 2.16.840.1.113883.3.526.3.1015 Grouping
- Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.2.1054 CPT
- Psych Visit - Individual Outpatient Psychotherapy 2.16.840.1.113883.3.526.3.1014 Grouping
- Psych Visit - Medication Management 2.16.840.1.113883.3.526.2.1059 CPT
- Psych Visit - Medication Management 2.16.840.1.113883.3.526.3.1019 Grouping

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Rationale updated
- Clinical Recommendation Statement updated
- Reference updated
- Definition updated
- Guidance updated
- Numerator updated

Logic Changes

- Initial Patient Population
 - Upper age limit revised to < 17 years to capture patients who will turn 17 years old during the measurement period
 - Revised logic to include the AND/AND NOT structure for ‘Diagnosis, Active’

- Removed data elements as indicated in value set changes above
- Added data elements as indicated in value set changes above
- The concept of occurring was added to the data elements with the QDM Category and Data Type of ‘Encounter, Performed’ to limit qualifying visits to the ‘Measurement Period’
- Numerator
 - Updated data elements as indicated in value set changes above

CMS179v2: ADE Prevention and Monitoring: Warfarin Time in Therapeutic Range

Value Set Changes

- Deleted deprecated SNOMED code 250981008 from the “Valvular Heart Disease” (2.16.840.1.113883.3.464.1003.104.11.1039) value set. Note that the recommended code replacing this code was already included in the value set.

Header Changes

- eMeasure version number incremented
- Disclaimer updated
- Copyright updated
- Guidance updated
- Measure Steward updated
- Measure Developer updated

Logic Changes

- Measure Population
 - simplified to
AND: Count >=3 of: “Laboratory Test, Result: INR (result)” during “Measurement Period”

CMS182v3: Ischemic Vascular Disease (IVD): Complete Lipid Panel and LDL Control

Value Set Changes

- Updated the following value sets:
 - Percutaneous Coronary Interventions
2.16.840.1.113883.3.464.1003.104.11.1026 CPT

Header Changes

- eMeasure version number incremented
- Copyright updated
- Disclaimer updated

Logic Changes

- Initial Patient Population
 - Revised logic to remove AND NOT statement to reflect an active Acute Myocardial Infarction in the prior year qualifies the patient for the measure.
- Numerator 1
 - Removed “Occurrence A of” from Laboratory Test, Result: LDL-C Laboratory Test (result).