

Technical Release Notes:
2018 Reporting/Performance Period Electronic Clinical Quality Measure (eCQM)
Value Set Addendum for Eligible Hospitals, Critical Access Hospitals,
Eligible Professionals, and Eligible Clinicians

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CMS9v6 - Exclusive Breast Milk Feeding

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated the link from 'http://www.ahrq.gov/downloads/pub/evidence/pdf/brfout/brfout.pdf' to 'http://archive.ahrq.gov/downloads/pub/evidence/pdf/brfout/brfout.pdf' because the previous link is no longer functional.	Header	Reference	Measure Lead
Added 'that ends during the measurement period' to the Initial Population narrative statement to better align with the logic.	Header	Initial Population	JIRA (CQM-2520)
Changed the datatype 'Physical Exam, Performed' to 'Assessment, Performed' for the data elements of Gestational Age, Time of Delivery, and Labor due to the QDM 4.3 changes.	Logic	Initial Population	QDM Standards
Value set Single Live Born Newborn Born in Hospital (2.16.840.1.113883.3.117.1.7.1.26): Deleted 2 ICD9CM codes (V30.00, V30.01).	Value Set	QDM Data Elements	Annual Update
Value set Galactosemia (2.16.840.1.113883.3.117.1.7.1.35): Deleted 1 ICD9CM code (271.1).	Value Set	QDM Data Elements	Annual Update
Value set Parenteral Nutrition (2.16.840.1.113883.3.117.1.7.1.38): Deleted 1 ICD9CM code (99.15).	Value Set	QDM Data Elements	Annual Update

CMS26v5 - Home Management Plan of Care (HMPC) Document Given to Patient/Caregiver

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added 'ends during the measurement period' to the Initial Population narrative statement to better align with the logic.	Header	Initial Population	JIRA (CQM-2520)
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Annual Update
Value set Asthma (2.16.840.1.113883.3.117.1.7.1.271): Deleted 11 ICD9CM codes (493.00, 493.01, 493.02, 493.10, 493.11, 493.12, 493.81, 493.82, 493.90, 493.91, 493.92).	Value Set	QDM Data Elements	Annual Update

CMS31v6 - Hearing Screening Prior To Hospital Discharge

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Removed duplicate reference to the HRSA Title V Block Grant.	Header	Reference	Measure Lead
Added language to provide clarity on the intent of the Medical Reasons value set and specificity regarding what is not included.	Header	Guidance	JIRA (CQM-2380)
Updated Initial Population narrative statement by adding 'that ends' during the measurement period to better align with the measure intent and harmonize across measures.	Header	Initial Population	JIRA (CQM-2520)
Updated Numerator narrative statement by removing the 'during the measurement period' text to better align with the measure intent and harmonize across measures.	Header	Numerator	JIRA (CQM-2520)
Changed timing operator from 'during' to 'starts during' to harmonize with other EH eQMs and potentially minimize missing data elements within reporting files. By using the 'starts during' operator, only the start time of the procedure is required rather than both the start and end times.	Logic	Denominator Exclusions	Expert Work Group Review
Changed timing operator from 'during' to 'starts during' to harmonize with other EH eQMs and potentially minimize missing data elements within reporting files. By using the 'starts during' operator, only the start time of the procedure is required rather than both the start and end times.	Logic	Numerator	Expert Work Group Review
Value set Newborn Hearing Screen Left (2.16.840.1.114222.4.1.214079.1.1.3): Added 1 LOINC code (73741-1).	Value Set	QDM Data Elements	Annual Update
Value set Newborn Hearing Screen Right (2.16.840.1.114222.4.1.214079.1.1.4): Added 1 LOINC code (73744-5).	Value Set	QDM Data Elements	Annual Update
Value set Live Birth Newborn Born in Hospital (2.16.840.1.113762.1.4.1046.6): Added 5 SNOMEDCT codes (442311008, 442327001, 442342003, 442365008, 442423001) and deleted 24 SNOMEDCT codes. Added 5 ICD10CM codes (Z38.62, Z38.63, Z38.64, Z38.65, Z38.66).	Value Set	QDM Data Elements	Annual Update
Value set Livebirth (2.16.840.1.114222.4.1.214079.1.1.1) updated the inclusion criteria purpose statement to reflect the intent of the value set to capture live births in the hospital.	Value Set	QDM Data Elements	Measure Lead

CMS32v7 - Median Time from ED Arrival to ED Departure for Discharged ED Patients

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Removed statement related to reporting period as this information is maintained elsewhere.	Header	Guidance	JIRA (CQM-1917)
Replaced 'Transfer To <= 6 hours starts after or concurrent with end of' to 'discharge status: Discharge to Acute Care Facility' in stratification 2 and 3 to harmonize with other measures.	Logic	Stratification	JIRA (CQM-1917)
Value set Psychiatric/Mental Health Patient (2.16.840.1.113883.3.117.1.7.1.299): Added 5 SNOMEDCT codes (247444006, 288511000119108, 596004, 715924009, 72366004) to align with the ICD10CM codes and deleted 2 SNOMEDCT codes (229714007, 88339003).	Value Set	QDM Data Elements	Annual Update
Replaced 'Acute care hospital' value set (2.16.840.1.113883.3.666.5.684) with 'Discharge to Acute Care Facility' (2.16.840.1.113883.3.117.1.7.1.87) to align with logic change in stratification and with other measures.	Value Set	QDM Data Elements	JIRA (CQM-1917)
Value set Psychiatric/Mental Health Patient (2.16.840.1.113883.3.117.1.7.1.299): Deleted 2 SNOMEDCT codes (231457005, 231535000). Added 10 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS53v6 - Primary PCI Received Within 90 Minutes of Hospital Arrival

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Replaced NQF Number '0163' with 'Not Applicable' as the measure is no longer endorsed.	Header	NQF Number	Measure Lead
Replaced 'National Quality Forum' with 'None' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Changed measurement year to measurement period to be consistent with logic changes and harmonize across measures.	Header	Initial Population	Measure Lead
Updated the Initial Population narrative statement by changing the principal diagnosis from Acute Myocardial Infarction to Acute or Evolving Myocardial Infarction, adding clarification that the Acute or Evolving is an ST-segment elevation MI.	Header	Initial Population	Measure Lead
Updated the Denominator narrative statement by adding ECG performed and removing the result: Acute or Evolving to be consistent with logic changes.	Header	Denominator	Measure Lead
Changed 'has' to 'have' to improve the sentence structure. Sentence now reads 'Patients who did not receive PCI within 90 minutes and have a documented reason.'	Header	Denominator Exceptions	Measure Lead
Changed the principal diagnosis from Acute Myocardial Infarction (AMI) to Acute or Evolving Myocardial Infarction to simplify the logic while meeting the intent of the measure to capture ST-segment elevation MIs.	Logic	Initial Population	JIRA (CQM-2220)
Removed two lines of logic: 'Occurrence A of Diagnostic Study, Performed: Electrocardiogram (ECG) (result: Acute or Evolving MI)' and AND NOT: 'Occurrence A of Diagnostic Study, Performed: Electrocardiogram (ECG) (result: STEMI Exclusions)' to simplify the logic. The ECG result of Acute or Evolving is no longer needed since the Initial Population now captures the Acute or Evolving MI cases. The STEMI exclusions check would be redundant since only STEMI codes would be captured in the Initial Population.	Logic	Denominator	JIRA (CQM-2220)
Value set Endotracheal Intubation (2.16.840.1.113762.1.4.1045.69): Deleted four ICD9CM codes (96.04, 96.70, 96.71, 96.72).	Value Set	QDM Data Elements	Annual Update
Value set Ventricular Assist Device placement (2.16.840.1.113883.3.666.5.3015): Deleted six ICD9CM codes (37.52, 37.60, 37.62, 37.65, 37.66, 37.68).	Value Set	QDM Data Elements	Annual Update
Value set Acute or Evolving MI (2.16.840.1.113883.3.666.5.3022): Deleted 16 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Fibrinolytic Therapy (2.16.840.1.113883.3.666.5.736): Added 2 RXNORM codes (1804799, 1804804) and deleted 1 RXNORM code (308056).	Value Set	QDM Data Elements	Annual Update
Value set Cardiopulmonary arrest (2.16.840.1.113883.3.666.5.748): Deleted 3 ICD9CM codes (427.41, 427.5, 799.1).	Value Set	QDM Data Elements	Annual Update
Value set PCI (2.16.840.1.113762.1.4.1045.67): Deleted 1 ICD9CM code (00.66). Added 2 SNOMEDCT codes (698740005, 707828002).	Value Set	QDM Data Elements	Annual Update
Removed the Acute Myocardial Infarction (AMI) Grouping Value Set (2.16.840.1.113883.3.666.5.3011) and the STEMI Exclusions Grouping Value Set (2.16.840.1.113762.1.4.1045.36) to align with logic changes.	Value Set	QDM Data Elements	JIRA (CQM-2220)
Removed ICD9CM extensional value sets from their associated grouping value sets as there are no lookback periods in this measure.	Value Set	QDM Data Elements	JIRA (CQM-2220)
Value set Ventricular Assist Device placement (2.16.840.1.113883.3.666.5.3015): Added 3 ICD10PCS codes (02HA0RJ, 02HA3RJ, 02HA4RJ).	Value Set	QDM Data Elements	2018 Addendum

CMS55v6 - Median Time from ED Arrival to ED Departure for Admitted ED Patients

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Replaced 'admission' with 'arrival' and 'discharge' with 'departure' to align with logic.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Replaced the word 'person' with 'patient' to make sentence more specific.	Header	Guidance	Measure Lead
Value set Psychiatric/Mental Health Patient (2.16.840.1.113883.3.117.1.7.1.299): Added 5 SNOMEDCT codes (247444006, 288511000119108, 596004, 715924009, 72366004) to align with the ICD10CM codes and deleted 2 SNOMEDCT codes (229714007, 88339003).	Value Set	QDM Data Elements	Annual Update
Value set Psychiatric/Mental Health Patient (2.16.840.1.113883.3.117.1.7.1.299): Deleted 2 SNOMEDCT codes (231457005, 231535000). Added 10 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS71v7 - Anticoagulation Therapy for Atrial Fibrillation/Flutter

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Replaced NQF Number '0436' with 'Not Applicable' as the measure is no longer endorsed.	Header	NQF Number	Measure Lead
Replaced 'National Quality Forum' with 'None' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Updated the Description narrative statement to better align with measure logic.	Header	Description	JIRA (CQM-2457)
Updated Copyright.	Header	Copyright	Annual Update
Updated the Guidance narrative statement to better align with measure logic.	Header	Guidance	JIRA (CQM-2457)
Added 'that ends during the measurement period' to the Initial Population narrative statement to better align with measure logic.	Header	Initial Population	JIRA (CQM-2520)
Updated the Numerator narrative statement to better align with measure logic.	Header	Numerator	JIRA (CQM-2457)
Replaced 'Anticoagulant ingredient specific' value set with 'Anticoagulant Therapy' semantic clinical drug value set to ease implementation burden.	Logic	Denominator Exceptions	JIRA (CQM-1835)
Value set Anticoagulant Therapy (2.16.840.1.113883.3.117.1.7.1.200): Added 7 RXNORM codes (1599543, 1599551, 1599555, 1723476, 1804735, 1804737, 1804738) and deleted 29 RXNORM codes.	Value Set	QDM Data Elements	Measure Lead
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Measure Lead
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Measure Lead
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Measure Lead
Replaced Anticoagulant ingredient specific value set (2.16.840.1.113762.1.4.1021.9) with Anticoagulant Therapy value set (2.16.840.1.113883.3.117.1.7.1.200).	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set Anticoagulant Therapy (2.16.840.1.113883.3.117.1.7.1.200): Added 1 RXNORM code (1658717).	Value Set	QDM Data Elements	2018 Addendum

CMS72v6 - Antithrombotic Therapy By End of Hospital Day 2

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Replaced NQF Number '0438' with 'Not Applicable' as the measure is no longer endorsed.	Header	NQF Number	Measure Lead
Replaced 'National Quality Forum' with 'None' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added Guidance to better align with measure intent.	Header	Guidance	JIRA (CQM-2481)
Added 'that ends during the measurement period' to the Initial Population narrative statement to better align with measure logic.	Header	Initial Population	JIRA (CQM-2520)
Added 'Occurrence A of' to \$EncounterInpatientNonElective to correct error of omission.	Logic	Denominator Exclusions	JIRA (CQM-2266)
Replaced 'Antithrombotic ingredient specific' value set with 'Antithrombotic Therapy' semantic clinical drug value set to ease implementation burden.	Logic	Denominator Exceptions	JIRA (CQM-1835)
Value set Antithrombotic Therapy (2.16.840.1.113883.3.117.1.7.1.201): Added 23 RXNORM codes and deleted 34 RXNORM codes.	Value Set	QDM Data Elements	Chart-Abstracted Measures
Value set Thrombolytic (t-PA) Therapy (2.16.840.1.113883.3.117.1.7.1.226): Added 2 RXNORM codes (1804799, 1804804) and deleted 1 RXNORM code (308056).	Value Set	QDM Data Elements	Measure Lead
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Measure Lead
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Measure Lead
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Measure Lead
Replaced Antithrombotic ingredient specific value set (2.16.840.1.113762.1.4.1021.8) with Antithrombotic Therapy value set (2.16.840.1.113883.3.117.1.7.1.201).	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set Intravenous or Intra arterial Thrombolytic (tPA) Therapy (2.16.840.1.113762.1.4.1045.21): Added 1 ICD10CM code (Z92.82).	Value Set	QDM Data Elements	2018 Addendum
Value set Antithrombotic Therapy (2.16.840.1.113883.3.117.1.7.1.201): Added 1 RXNORM code (1658717) and deleted 3 RXNORM codes (205251, 308287, 646434).	Value Set	QDM Data Elements	2018 Addendum

CMS102v6 - Assessed for Rehabilitation

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Replaced NQF Number '0441' with 'Not Applicable' as the measure is no longer endorsed.	Header	NQF Number	Measure Lead
Replaced 'National Quality Forum' with 'None' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added 'ends during the measurement period' to the Initial Population narrative statement to better align with the logic.	Header	Initial Population	JIRA (CQM-2520)
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Annual Update
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Annual Update
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Replaced Emergency Department Visit value set (2.16.840.1.113883.3.117.1.7.1.293) with Emergency Department Visit value set (2.16.840.1.113883.3.117.1.7.1.292) to harmonize with other measures.	Value Set	QDM Data Elements	JIRA (CQM-2128)

CMS104v6 - Discharged on Antithrombotic Therapy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Replaced NQF Number '0435' with 'Not Applicable' as the measure is no longer endorsed.	Header	NQF Number	Measure Lead
Replaced 'National Quality Forum' with 'None' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Updated the Description header statement to better align with measure logic.	Header	Description	JIRA (CQM-2457)
Updated Copyright.	Header	Copyright	Annual Update
Updated the Guidance narrative statement to better align with measure logic.	Header	Guidance	JIRA (CQM-2457)
Added 'that ends during the measurement period' to the Initial Population narrative statement to better align with measure logic.	Header	Initial Population	JIRA (CQM-2520)
Updated the Numerator narrative statement to better align with measure logic.	Header	Numerator	JIRA (CQM-2457)
Replaced 'Antithrombotic ingredient specific' value set with 'Antithrombotic Therapy' semantic clinical drug value set to ease implementation burden.	Logic	Denominator Exceptions	JIRA (CQM-1835)
Replaced Antithrombotic ingredient specific value set (2.16.840.1.113762.1.4.1021.8) with Antithrombotic Therapy value set (2.16.840.1.113883.3.117.1.7.1.201).	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set Antithrombotic Therapy (2.16.840.1.113883.3.117.1.7.1.201): Added 23 RXNORM codes and deleted 34 RXNORM codes.	Value Set	QDM Data Elements	Chart-Abstracted Measures
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Measure Lead
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Measure Lead
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Measure Lead
Value set Antithrombotic Therapy (2.16.840.1.113883.3.117.1.7.1.201): Added 1 RXNORM code (1658717) and deleted 3 RXNORM codes (205251, 308287, 646434).	Value Set	QDM Data Elements	2018 Addendum

CMS105v6 - Discharged on Statin Medication

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Replaced NQF Number '0439' with 'Not Applicable' as the measure is no longer endorsed.	Header	NQF Number	Measure Lead
Replaced 'National Quality Forum' with 'None' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Updated the Description narrative statement to better align with measure logic.	Header	Description	JIRA (CQM-2457)
Updated Copyright.	Header	Copyright	Annual Update
Updated the Guidance narrative statement to better align with measure logic.	Header	Guidance	JIRA (CQM-2457)
Added 'that ends during the measurement period' to the Initial Population narrative statement to better align with measure logic.	Header	Initial Population	JIRA (CQM-2520)
Updated the Numerator narrative statement to better align with measure logic.	Header	Numerator	JIRA (CQM-2457)
Replaced 'Statin ingredient specific' value set with 'Statin Grouper' semantic clinical drug value set to ease implementation burden.	Logic	Denominator Exceptions	JIRA (CQM-1835)
Value set LDL-c (2.16.840.1.113883.3.117.1.7.1.215): Added 2 LOINC codes (43394-6, 50193-2).	Value Set	QDM Data Elements	Measure Lead
Value set Statin Allergen (2.16.840.1.113883.3.117.1.7.1.423): Deleted 28 RXNORM codes.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Measure Lead
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Measure Lead
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Measure Lead
Value set Statin Grouper (2.16.840.1.113762.1.4.1110.19): Deleted 17 RXNORM codes.	Value Set	QDM Data Elements	Measure Lead
Replaced Statin ingredient specific value set (2.16.840.1.113762.1.4.1021.7) with Statin Grouper value set (2.16.840.1.113762.1.4.1110.19).	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set Statin Grouper (2.16.840.1.113762.1.4.1110.19): Deleted 5 RXNORM codes (433848, 1422096, 1422099, 1422086, 1422093).	Value Set	QDM Data Elements	2018 Addendum

CMS107v6 - Stroke Education

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added 'ends during the measurement period' to the Initial Population narrative statement to better align with measure logic.	Header	Initial Population	JIRA (CQM-2520)
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Annual Update
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Annual Update
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update

CMS108v6 - Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added 'Patients age 18 and older discharged from hospital inpatient acute care without a diagnosis of venous thromboembolism (VTE) or obstetrics with a length of stay less than or equal to 120 days that ends during the measurement period' to the Initial Population narrative statement to better align with the logic.	Header	Initial Population	JIRA (CQM-2520)
Replaced 'Unfractionated Heparin for VTE prophylaxis ingredient specific' value set with 'Low Dose Unfractionated Heparin for VTE Prophylaxis' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced 'Low Molecular Weight Heparin for VTE prophylaxis ingredient specific' value set with 'Low Molecular Weight Heparin for VTE Prophylaxis' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced 'Injectable factor Xa inhibitor for VTE prophylaxis ingredient specific' value set with 'Injectable factor Xa inhibitor for VTE Prophylaxis' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced 'Warfarin-only ingredient specific' value set with 'Warfarin' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced temporal operator 'starts after start of' with 'starts after or concurrent with start of' to allow for concurrent data capture.	Logic	Denominator Exclusions	JIRA (CQM-2125)
Replaced temporal operator 'starts after end of' with 'starts after or concurrent with end of' to allow for concurrent data capture.	Logic	Denominator Exclusions	JIRA (CQM-2125)
Replaced temporal operator 'ends after start of' with 'ends after or concurrent with start of' to allow for concurrent data capture.	Logic	Denominator Exclusions	JIRA (CQM-2125)
Replaced temporal operator 'starts after start of' with 'starts after or concurrent with start of' to allow for concurrent data capture.	Logic	Numerator	JIRA (CQM-2125)
Replaced temporal operator 'starts after end of' with 'starts after or concurrent with end of' to allow for concurrent data capture.	Logic	Numerator	JIRA (CQM-2125)
Replaced temporal operator 'ends after start of' with 'ends after or concurrent with start of' to allow for concurrent data capture.	Logic	Numerator	JIRA (CQM-2125)
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Replaced Warfarin-only ingredient specific value set (2.16.840.1.113762.1.4.1021.10) with Warfarin (2.16.840.1.113883.3.117.1.7.1.232) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Replaced Injectable factor Xa inhibitor for VTE prophylaxis ingredient specific value set (2.16.840.1.113762.1.4.1021.11) with Injectable factor Xa inhibitor for VTE Prophylaxis (2.16.840.1.113883.3.117.1.7.1.211) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Replaced Low Molecular Weight Heparin for VTE prophylaxis ingredient specific value set (2.16.840.1.113762.1.4.1021.12) with Low Molecular Weight Heparin for VTE Prophylaxis (2.16.840.1.113883.3.117.1.7.1.219) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)

CMS108v6 - Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced Unfractionated Heparin for VTE prophylaxis ingredient specific value set (2.16.840.1.113762.1.4.1021.13) with Low Dose Unfractionated Heparin for VTE Prophylaxis (2.16.840.1.113762.1.4.1045.39) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set Glycoprotein IIb/IIIa Inhibitors (2.16.840.1.113762.1.4.1045.41): Added 5 RXNORM codes (1736470, 1736477, 1737466, 1737471, 1813035) and deleted 3 RXNORM codes (200326, 200348, 205253).	Value Set	QDM Data Elements	Annual Update
Value set Direct Thrombin Inhibitor (2.16.840.1.113883.3.117.1.7.1.205): Added 3 RXNORM codes (1804735, 1804737, 1804738) and deleted 1 RXNORM code (1110708).	Value Set	QDM Data Elements	Annual Update
Value set Obstetrics VTE (2.16.840.1.113883.3.117.1.7.1.264): Deleted 35 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Venous Thromboembolism (2.16.840.1.113883.3.117.1.7.1.279): Deleted 14 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Annual Update
Value set Hemorrhagic Stroke (2.16.840.1.113883.3.117.1.7.1.212): Deleted 2 ICD9CM codes (430, 431).	Value Set	QDM Data Elements	Annual Update
Value set Ischemic Stroke (2.16.840.1.113883.3.117.1.7.1.247): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Obstetrics (2.16.840.1.113883.3.117.1.7.1.263): Added 78 ICD10CM codes and deleted 8 ICD10CM codes (O00.0, O00.1, O00.2, O00.8, O00.9, O33.7, O34.21, O70.2). Added 4 SNOMEDCT codes (459166009, 459167000, 713575004, 713576003) and deleted 4 SNOMEDCT codes (200074009, 200080001, 237088009, 237246007).	Value Set	QDM Data Elements	Annual Update
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Added 180 SNOMEDCT codes and deleted 22 SNOMEDCT codes. Deleted 365 ICD9CM codes. Deleted 13 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set General Surgery (2.16.840.1.113883.3.117.1.7.1.255): Deleted 48 ICD10PCS codes. Deleted 1 SNOMEDCT code (45608007).	Value Set	QDM Data Elements	2018 Addendum
Value set Intracranial Neurosurgery (2.16.840.1.113883.3.117.1.7.1.260): Deleted 4 ICD10PCS codes (0N9200Z, 0N920ZZ, 0N9800Z, 0N980ZZ).	Value Set	QDM Data Elements	2018 Addendum
Value set General or Neuraxial Anesthesia (2.16.840.1.113883.3.666.5.1743): Deleted 6 ICD10PCS codes (3E0F7DZ, 3E0F8DZ, 3E0R3CZ, 3E0S3CZ, 3E0T3CZ, 3E0X3CZ).	Value Set	QDM Data Elements	2018 Addendum
Value set Obstetrics (2.16.840.1.113883.3.117.1.7.1.263): Deleted 4 ICD10CM codes (O00.10, O00.11, O00.20, O00.21). Deleted 2 SNOMEDCT codes (199094009, 66064007).	Value Set	QDM Data Elements	2018 Addendum
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Added 69 SNOMEDCT codes and deleted 3 SNOMEDCT codes (21061000119107, 231457005, 231535000). Added 1 ICD10CM code (F50.82).	Value Set	QDM Data Elements	2018 Addendum

CMS111v6 - Median Admit Decision Time to ED Departure Time for Admitted Patients

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Replaced 'discharge' with 'departure' to align with logic to align with logic.	Header	Description	Measure Lead
Replaced 'discharge' with 'departure' to align with logic to align with logic.	Header	Rate Aggregation	Measure Lead
Replaced 'discharge' with 'departure' to align with logic to align with logic.	Header	Guidance	Measure Lead
Added Decision to Admit explanation to provide further guidance.	Header	Guidance	JIRA (QRDA-385)
Replaced the word 'person' with 'patient' to make sentence more specific.	Header	Guidance	Measure Lead
Added 'starts during Occurrence A of Encounter, Performed: Emergency Department Visit and starts before start of Occurrence A of Encounter Performed: Emergency Department Visit (facility location departure datetime)' logic to minimize the gap between the chart abstracted ED measure and the eCQM. Since admission processes vary and the intent is to capture the first documentation of the decision to admit, the additional logic will now capture a decision to admit the patient during the ED encounter or before physically departing the ED.	Logic	Initial Population	JIRA (QRDA-385)
Value set Psychiatric/Mental Health Patient (2.16.840.1.113883.3.117.1.7.1.299): Added 5 SNOMEDCT codes (247444006, 288511000119108, 596004, 715924009, 72366004) to align with the ICD10CM codes and deleted 2 SNOMEDCT codes (229714007, 88339003).	Value Set	QDM Data Elements	Annual Update
Value set Psychiatric/Mental Health Patient (2.16.840.1.113883.3.117.1.7.1.299): Deleted 2 SNOMEDCT codes (231457005, 231535000). Added 10 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS113v6 - Elective Delivery

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added the following statement: 'Stillbirth: v2017A of chart-abstracted measure PC-01: Elective Delivery contains a denominator exclusion data element for Stillbirth. The value set for eCQM Denominator Exclusion data element 'Assessment, Performed: Conditions Possibly Justifying Elective Delivery' includes SNOMEDCT and ICD10CM concepts representing Stillbirth and History of Stillbirth' to align with the new chart-abstracted narrative data element and to help hospitals attempting to map to stillbirth documentation in their record.	Header	Guidance	Chart Abstracted Measures
Added 'less than or equal to 120 days that ends during the measurement period' to the Initial Population narrative statement to better align with the logic.	Header	Initial Population	JIRA (CQM-2520)
Changed logic from: < 1 day(s) starts before start of ('Physical Exam, Performed: Time of Delivery' starts during Occurrence A of \$EncounterInpatient) to < 1 day(s) starts before or concurrent with start of ('Occurrence A of Assessment, Performed: Time of Delivery' starts during Occurrence A of \$EncounterInpatient).	Logic	Denominator	Measure Lead
Changed the datatype 'Physical Exam, Performed' to 'Assessment, Performed' for the data elements of Gestational Age, Time of Delivery, and Labor due to the QDM 4.3 changes.	Logic	Denominator	QDM Standards
Changed the datatype 'Physical Exam, Performed' to 'Assessment, Performed' for the data elements of Gestational Age, Time of Delivery, and Labor due to the QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Oxytocin (2.16.840.1.113762.1.4.1045.55): Added 1 RXNORM code (1791721) and deleted 6 RXNORM codes (312191, 317139, 486591, 486593, 486596, 486598).	Value Set	QDM Data Elements	Measure Lead
Value set Conditions Possibly Justifying Elective Delivery Prior to 39 Weeks Gestation (2.16.840.1.113883.3.117.1.7.1.286): Deleted 73 ICD9CM codes. Added 4 SNOMEDCT codes (459166009, 459167000, 713575004, 713576003) and deleted 3 SNOMEDCT codes (237246007, 240611008, 62246005).	Value Set	QDM Data Elements	Measure Lead
Value set Medical Induction of Labor (2.16.840.1.113883.3.117.1.7.1.288): Added 1 ICD10PCS code (3E0P7GC) and deleted 4 ICD10PCS codes (10900ZC, 10903ZC, 10904ZC, 10908ZC). Deleted 3 ICD9CM codes (73.01, 73.1, 73.4).	Value Set	QDM Data Elements	2018 Addendum
Value set Conditions Possibly Justifying Elective Delivery Prior to 39 Weeks Gestation (2.16.840.1.113883.3.117.1.7.1.286): Added 30 ICD10CM codes and deleted 9 ICD10CM codes (O12.11, O12.12, O12.13, O12.21, O12.22, O12.23, O26.611, O26.612, O26.613).	Value Set	QDM Data Elements	2018 Addendum

CMS190v6 - Intensive Care Unit Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Added 'Patients age 18 and older discharged from hospital inpatient acute care without a diagnosis of venous thromboembolism (VTE) or obstetrics with a length of stay less than or equal to 120 days that ends during the measurement period' to the Initial Population narrative statement to better align with the logic.	Header	Initial Population	JIRA (CQM-2520)
Replaced 'Unfractionated Heparin for VTE prophylaxis ingredient specific' value set with 'Low Dose Unfractionated Heparin for VTE Prophylaxis' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced 'Low Molecular Weight Heparin for VTE prophylaxis ingredient specific' value set with 'Low Molecular Weight Heparin for VTE Prophylaxis' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced 'Injectable factor Xa inhibitor for VTE prophylaxis ingredient specific' value set with 'Injectable Factor Xa Inhibitor for VTE Prophylaxis' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced 'Warfarin-only ingredient specific' value set with 'Warfarin' semantic clinical drug value set to ease implementation burden.	Logic	Numerator (QDM Variable)	JIRA (CQM-1835)
Replaced temporal operator 'starts after start of' with 'starts after or concurrent with start of' to allow for concurrent data capture.	Logic	Denominator Exclusions	JIRA (CQM-2125)
Replaced temporal operator 'starts after end of' with 'starts after or concurrent with end of' to allow for concurrent data capture.	Logic	Denominator Exclusions	JIRA (CQM-2125)
Replaced temporal operator 'ends after start of' with 'ends after or concurrent with start of' to allow for concurrent data capture.	Logic	Denominator Exclusions	JIRA (CQM-2125)
Replaced temporal operator 'starts after start of' with 'starts after or concurrent with start of' to allow for concurrent data capture.	Logic	Numerator	JIRA (CQM-2125)
Replaced temporal operator 'starts after end of' with 'starts after or concurrent with end of' to allow for concurrent data capture.	Logic	Numerator	JIRA (CQM-2125)
Replaced temporal operator 'ends after start of' with 'ends after or concurrent with start of' to allow for concurrent data capture.	Logic	Numerator	JIRA (CQM-2125)
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Glycoprotein IIb/IIIa Inhibitors (2.16.840.1.113762.1.4.1045.41): Added 5 RXNORM codes (1736470, 1736477, 1737466, 1737471, 1813035) and deleted 3 RXNORM codes (200326, 200348, 205253).	Value Set	QDM Data Elements	Annual Update
Value set Obstetrics VTE (2.16.840.1.113883.3.117.1.7.1.264): Deleted 35 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Venous Thromboembolism (2.16.840.1.113883.3.117.1.7.1.279): Deleted 14 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Patient Refusal (2.16.840.1.113883.3.117.1.7.1.93): Added 3 SNOMEDCT codes (183946001, 183956002, 609589008).	Value Set	QDM Data Elements	Annual Update
Value set Direct Thrombin Inhibitor (2.16.840.1.113883.3.117.1.7.1.205): Added 3 RXNORM codes (1804735, 1804737, 1804738) and deleted 1 RXNORM code (1110708).	Value Set	QDM Data Elements	Annual Update
Value set Obstetrics (2.16.840.1.113883.3.117.1.7.1.263): Added 78 ICD10CM codes and deleted 8 ICD10CM codes (O00.0, O00.1, O00.2, O00.8, O00.9, O33.7, O34.21, O70.2). Added 4 SNOMEDCT codes (459166009, 459167000, 713575004, 713576003) and deleted 4 SNOMEDCT codes (200074009, 200080001, 237088009, 237246007).	Value Set	QDM Data Elements	Annual Update

CMS190v6 - Intensive Care Unit Venous Thromboembolism Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Replaced Warfarin-only ingredient specific value set (2.16.840.1.113762.1.4.1021.10) with Warfarin (2.16.840.1.113883.3.117.1.7.1.232) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Replaced Injectable factor Xa inhibitor for VTE prophylaxis ingredient specific value set (2.16.840.1.113762.1.4.1021.11) with Injectable factor Xa inhibitor for VTE Prophylaxis (2.16.840.1.113883.3.117.1.7.1.211) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Replaced Low Molecular Weight Heparin for VTE prophylaxis ingredient specific value set (2.16.840.1.113762.1.4.1021.12) with Low Molecular Weight Heparin for VTE Prophylaxis (2.16.840.1.113883.3.117.1.7.1.219) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Replaced Unfractionated Heparin for VTE prophylaxis ingredient specific value set (2.16.840.1.113762.1.4.1021.13) with Low Dose Unfractionated Heparin for VTE Prophylaxis (2.16.840.1.113762.1.4.1045.39) value set.	Value Set	QDM Data Elements	JIRA (CQM-1835)
Value set General Surgery (2.16.840.1.113883.3.117.1.7.1.255): Deleted 48 ICD10PCS codes. Deleted 1 SNOMEDCT code (45608007).	Value Set	QDM Data Elements	2018 Addendum
Value set Intracranial Neurosurgery (2.16.840.1.113883.3.117.1.7.1.260): Deleted 4 ICD10PCS codes (ON9200Z, ON920ZZ, ON9800Z, ON980ZZ).	Value Set	QDM Data Elements	2018 Addendum
Value set General or Neuraxial Anesthesia (2.16.840.1.113883.3.666.5.1743): Deleted 6 ICD10PCS codes (3E0F7DZ, 3E0F8DZ, 3E0R3CZ, 3E0S3CZ, 3E0T3CZ, 3E0X3CZ).	Value Set	QDM Data Elements	2018 Addendum
Value set Obstetrics (2.16.840.1.113883.3.117.1.7.1.263): Deleted 4 ICD10CM codes (O00.10, O00.11, O00.20, O00.21). Deleted 2 SNOMEDCT codes (199094009, 66064007).	Value Set	QDM Data Elements	2018 Addendum

CMS2v7 - Preventive Care and Screening: Screening for Depression and Follow-Up Plan

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Modified Measure Developer name from 'Quality Insights of Pennsylvania' to 'Quality Insights.'	Header	Measure Developer	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Rationale.	Header	Rationale	Measure Lead
Updated Clinical Recommendation Statement to align with clinical guidelines.	Header	Clinical Recommendation Statement	Expert Work Group Review
Updated References.	Header	Reference	Measure Lead
Revised the example list of screening tools to include additional example tools, including perinatal screening tools, to align with the clinical guideline recommendations.	Header	Definition	Expert Work Group Review
Updated Guidance.	Header	Guidance	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Denominator Exceptions	QDM Standards
Value set Additional evaluation for depression - adolescent (2.16.840.1.113883.3.600.1542): Added 1 SNOMEDCT code (429441000124107).	Value Set	QDM Data Elements	Annual Update
Value set Additional evaluation for depression - adult (2.16.840.1.113883.3.600.1545): Added 1 SNOMEDCT code (429441000124107).	Value Set	QDM Data Elements	Annual Update
Value set Depression Screening Encounter Codes (2.16.840.1.113883.3.600.1916): Added 4 CPT codes (59400, 59510, 59610, 59618).	Value Set	QDM Data Elements	Annual Update
Value set Bipolar Diagnosis (2.16.840.1.113883.3.600.450): Added 15 ICD9CM codes. Added 20 ICD10CM codes. Added 5 SNOMEDCT codes (133091000119105, 23741000119105, 261000119107, 271000119101, 61771000119106).	Value Set	QDM Data Elements	Annual Update
Value set Follow-up for depression - adolescent (2.16.840.1.113883.3.600.467): Added 2 SNOMEDCT codes (386472008, 76740001).	Value Set	QDM Data Elements	Annual Update
Value set Follow-up for depression - adult (2.16.840.1.113883.3.600.468): Added 2 SNOMEDCT codes (386472008, 76740001).	Value Set	QDM Data Elements	Annual Update
Value set Referral for Depression Adult (2.16.840.1.113883.3.600.538): Added 3 SNOMEDCT codes (703978000, 710914003, 711281004).	Value Set	QDM Data Elements	Annual Update
Value set Suicide Risk Assessment (2.16.840.1.113883.3.600.559): Added 1 SNOMEDCT code (446765009).	Value Set	QDM Data Elements	Annual Update
Value set Depression diagnosis (2.16.840.1.113883.3.600.145): Added 10 ICD10CM codes (F33.40, F33.41, F33.8, F53, O90.6, O99.340, O99.341, O99.342, O99.343, O99.345).	Value Set	QDM Data Elements	Annual Update
Value set Depression medications - adult (2.16.840.1.113883.3.600.470): Added 37 RXNORM codes and deleted 53 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Depression Screening Encounter Codes (2.16.840.1.113883.3.600.1916): Added 3 CPT codes (97165, 97166, 97167) and deleted 1 CPT code (97003). Added 5 HCPCS codes (G0502, G0503, G0504, G0505, G0507).	Value Set	QDM Data Elements	2018 Addendum
Value set Depression medications - adolescent (2.16.840.1.113883.3.600.469): Deleted 1 RXNORM code (803293).	Value Set	QDM Data Elements	2018 Addendum
Value set Suicide Risk Assessment (2.16.840.1.113883.3.600.559): Added 1 SNOMEDCT code (717317000).	Value Set	QDM Data Elements	2018 Addendum
Value set Depression medications - adult (2.16.840.1.113883.3.600.470): Deleted 1 RXNORM code (803293).	Value Set	QDM Data Elements	2018 Addendum

CMS22v6 - Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Modified Measure Developer name from 'Quality Insights of Pennsylvania' to 'Quality Insights.'	Header	Measure Developer	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Guidance.	Header	Guidance	Measure Lead
Updated References.	Header	Reference	Measure Lead
Value set Laboratory Tests for Hypertension (2.16.840.1.113883.3.600.1482): Added 1 LOINC code (24320-4).	Value Set	QDM Data Elements	Annual Update
Value set BP Screening Encounter Codes (2.16.840.1.113883.3.600.1920): Deleted 7 CPT codes (90832, 90834, 90837, 90839, 90845, 90880, 96118).	Value Set	QDM Data Elements	Annual Update
Value set Anti-Hypertensive Pharmacologic Therapy (2.16.840.1.113883.3.600.1476): Added 12 RXNORM codes and deleted 18 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Anti-Hypertensive Pharmacologic Therapy (2.16.840.1.113883.3.600.1476): Added 4 RXNORM codes (1923422, 1923424, 1923426, 901446) and deleted 28 RXNORM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS50v6 - Closing the Referral Loop: Receipt of Specialist Report

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	JIRA (CQM-2313)
Value set Referral (2.16.840.1.113883.3.464.1003.101.12.1046): Added 30 SNOMEDCT codes and deleted 4 SNOMEDCT codes (306160005, 306161009, 306162002, 390807002).	Value Set	QDM Data Elements	Annual Update

CMS52v6 - HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement to correct a typographical error.	Header	Clinical Recommendation Statement	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set HIV 1 (2.16.840.1.113883.3.464.1003.120.12.1004): Added SNOMEDCT extensional value set (2.16.840.1.113883.3.464.1003.120.11.1005) including 68 codes. Added 1 SNOMEDCT code (713260006).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS56v6 - Functional Status Assessment for Total Hip Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Modified the Measure Description to include the updated timings for baseline and follow-up functional status assessments.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Simplified the timing restrictions for the primary surgical procedure to ensure it takes place in the year prior to the measurement period. The timing for the outpatient encounter is no longer tied to the primary surgical procedure; the encounter only needs to take place during the measurement year.	Header	Initial Population	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Removed VR-36 and PROMIS-29 tools from list of approved functional status assessments (FSAs) for CMS56 and CMS66. Updated the timing for the baseline and follow-up FSAs to 90 days prior to surgical procedure and 270-365 days after surgical procedure, respectively.	Header	Numerator	Measure Lead
Simplified the timing restrictions for the primary surgical procedure to ensure it takes place in the year prior to the measurement period. The timing for the outpatient encounter is no longer tied to the primary surgical procedure; the encounter only needs to take place during the measurement year.	Logic	Initial Population	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Removed VR-36 and PROMIS-29 tools from list of approved functional status assessments (FSAs) by removing LOINC codes from value set Functional Status Assessment for Hip Replacement. Updated the timing for the initial and follow-up FSAs to 90 days prior to surgical procedure and 270-365 days after surgical procedure, respectively.	Logic	Numerator	Measure Lead
Replaced the 'ends before start of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'ends before or concurrent with start of'.	Logic	Numerator	JIRA (CQM-1936)
Replaced 'Functional Status, Performed' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Functional Status Assessment for Hip Replacement (2.16.840.1.113883.3.464.1003.118.12.1029): Deleted 50 LOINC codes.	Value Set	QDM Data Elements	Annual Update
Value set Fracture - Lower Body (2.16.840.1.113883.3.464.1003.113.12.1037): Added 2105 ICD10CM codes and deleted 30 ICD10CM codes. Deleted 4 SNOMEDCT codes (208534007, 428000009, 429186005, 429552008). Deleted 71 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS56v6 - Functional Status Assessment for Total Hip Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Fracture - Lower Body (2.16.840.1.113883.3.464.1003.113.12.1037): Added 4 SNOMEDCT codes (428000009, 429186005, 429552008, 447931000124101).	Value Set	QDM Data Elements	2018 Addendum

CMS65v7 - Hypertension: Improvement in Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Initial Population	JIRA (CQM-1936)
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Updated the Numerator logic to state that the delta systolic blood pressure should be greater than or equal to 10 mm Hg to meet the measure intent.	Logic	Numerator	JIRA (CQM-1940)
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Deleted 1 SNOMEDCT code (48994000).	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Deleted 550 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 12 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS66v6 - Functional Status Assessment for Total Knee Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Modified the Measure Description to include the updated timings for baseline and follow-up functional status assessments.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Simplified the timing restrictions for the primary surgical procedure to ensure it takes place in the year prior to the measurement period. The timing for the outpatient encounter is no longer tied to the primary surgical procedure; the encounter only needs to take place during the measurement year.	Header	Initial Population	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Removed VR-36 and PROMIS-29 tools from list of approved functional status assessments (FSAs) for CMS56 and CMS66. Updated the timing for the baseline and follow-up FSAs to 90 days prior to surgical procedure and 270-365 days after surgical procedure, respectively.	Header	Numerator	Measure Lead
Simplified the timing restrictions for the primary surgical procedure to ensure it takes place in the year prior to the measurement period. The timing for the outpatient encounter is no longer tied to the primary surgical procedure; the encounter only needs to take place during the measurement year.	Logic	Initial Population	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Removed VR-36 and PROMIS-29 tools from list of approved functional status assessments (FSAs) by removing LOINC codes from value set Functional Status Assessment for Knee Replacement. Updated the timing for the initial and follow-up FSAs to 90 days prior to surgical procedure and 270-365 days after surgical procedure, respectively.	Logic	Numerator	Measure Lead
Replaced the 'ends before start of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'ends before or concurrent with start of'.	Logic	Numerator	JIRA (CQM-1936)
Replaced 'Functional Status, Performed' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Functional Status Assessment for Knee Replacement (2.16.840.1.113883.3.464.1003.118.12.1030): Deleted 50 LOINC codes.	Value Set	QDM Data Elements	Annual Update
Value set Fracture - Lower Body (2.16.840.1.113883.3.464.1003.113.12.1037): Added 2105 ICD10CM codes and deleted 30 ICD10CM codes. Deleted 4 SNOMEDCT codes (208534007, 428000009, 429186005, 429552008). Deleted 71 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS66v6 - Functional Status Assessment for Total Knee Replacement

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Fracture - Lower Body (2.16.840.1.113883.3.464.1003.113.12.1037): Added 4 SNOMEDCT codes (428000009, 429186005, 429552008, 447931000124101).	Value Set	QDM Data Elements	2018 Addendum

CMS68v7 - Documentation of Current Medications in the Medical Record

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Modified Measure Developer name from 'Quality Insights of Pennsylvania' to 'Quality Insights.'	Header	Measure Developer	Measure Lead
Updated Description.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Rationale.	Header	Rationale	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Replaced the term 'reporting period' with 'measurement period' for consistency in terminology in the Initial Population language.	Header	Initial Population	Measure Lead
Updated Numerator.	Header	Numerator	Measure Lead
Value set Medications Encounter Code Set (2.16.840.1.113883.3.600.1.1834): Added 13 CPT codes.	Value Set	QDM Data Elements	Annual Update
Value set Medications Encounter Code Set (2.16.840.1.113883.3.600.1.1834): Added 8 CPT codes (97161, 97162, 97163, 97164, 97165, 97166, 97167, 97168) and deleted 4 CPT codes (97001, 97002, 97003, 97004).	Value Set	QDM Data Elements	2018 Addendum

CMS69v6 - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Modified Measure Developer name from 'Quality Insights of Pennsylvania' to 'Quality Insights.'	Header	Measure Developer	Measure Lead
Updated frequency of BMI documented in Description, Guidance, and Numerator to align with guidelines.	Header	Description	Expert Work Group Review
Updated Copyright.	Header	Copyright	Annual Update
Updated Rationale.	Header	Rationale	Measure Lead
Added intensive behavioral interventions to align with guidelines.	Header	Clinical Recommendation Statement	Expert Work Group Review
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Updated frequency of BMI documented in Description, Guidance, and Numerator to align with guidelines.	Header	Guidance	Expert Work Group Review
Updated frequency of BMI documented in Description, Guidance, and Numerator to align with guidelines.	Header	Numerator	Expert Work Group Review
Added 'Encounter, Performed: Palliative care encounter' starts before end of 'Occurrence A of Encounter, Performed: BMI Encounter Code Set' to incorporate new value set with ICD-10 Palliative care encounter (2.16.840.1.113883.3.600.1.1575).	Logic	Denominator Exclusions	JIRA (CQM-2005)
Replaced the 'starts before start of' and 'starts before end of' logical operator for situations in which time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Denominator Exclusions	Measure Lead
Deleted attribute 'reason: Overweight' from 'Intervention, Order: Above Normal Follow-up' and 'Medication, Order: Above Normal Medications'; deleted attribute 'reason underweight' from 'Intervention, Order: Below Normal Follow up' and 'Medication, Order: Below Normal Medications' to simplify measure implementation.	Logic	Numerator	JIRA (CQM-748)
Replaced the 'starts before start of' and 'starts before end of' logical operator for situations in which time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Numerator	Measure Lead
Updated frequency of BMI documented from <=6 month to <=12 months to align with guidelines.	Logic	Numerator	Expert Work Group Review
Replaced the 'starts before start of' and 'starts before end of' logical operator for situations in which time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Denominator Exceptions	Measure Lead
Updated frequency of BMI documented from <=6 month to <=12 months to align with guidelines.	Logic	Denominator Exceptions	Expert Work Group Review
Value set Below Normal Medications (2.16.840.1.113883.3.600.1.1499): Added 3 RXNORM codes (197634, 197635, 197636).	Value Set	QDM Data Elements	Annual Update
Value set Palliative Care (2.16.840.1.113883.3.600.1.1579): Deleted 1 ICD9CM code (V66.7). Deleted 1 ICD10CM code (Z51.5). Added 1 SNOMEDCT code (103735009).	Value Set	QDM Data Elements	Annual Update
Value set BMI Encounter Code Set (2.16.840.1.113883.3.600.1.1751): Deleted 1 CPT code (98960).	Value Set	QDM Data Elements	Annual Update
Value set Overweight (2.16.840.1.113883.3.600.2387): Added 9 SNOMEDCT codes (162690006, 162863004, 162864005, 238136002, 275947003, 408512008, 414915002, 415530009, 83911000119104).	Value Set	QDM Data Elements	Annual Update
Value set Underweight (2.16.840.1.113883.3.600.2388): Added 1 SNOMEDCT code (162769006).	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy Dx (2.16.840.1.113883.3.600.1.1623): Deleted 1109 ICD9CM codes. Added 19 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update

CMS69v6 - Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Above Normal Follow-up (2.16.840.1.113883.3.600.1.1525): Added 4 HCPCS codes (G0270, G0271, G0447, G0473) and deleted 1 HCPCS code (G8417). Deleted 2 ICD9CM codes (V65.3, V65.41). Added 7 CPT codes (43659, 43886, 43888, 97802, 97803, 99401, 99402).	Value Set	QDM Data Elements	Annual Update
Value set Below Normal Follow up (2.16.840.1.113883.3.600.1.1528): Deleted 1 ICD9CM code (V65.3).	Value Set	QDM Data Elements	Annual Update
Value set Above Normal Medications (2.16.840.1.113883.3.600.1.1498): Added 17 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set BMI Encounter Code Set (2.16.840.1.113883.3.600.1.1751): Added 6 CPT codes (97165, 97161, 97162, 97163, 97166, 97167) and deleted 2 CPT codes (97001, 97003).	Value Set	QDM Data Elements	2018 Addendum
Value set Pregnancy Dx (2.16.840.1.113883.3.600.1.1623): Added 28 ICD10CM codes and deleted 5 ICD10CM codes (O00.10, O00.11, O00.20, O00.21, Z36).	Value Set	QDM Data Elements	2018 Addendum
Value set Above Normal Follow-up (2.16.840.1.113883.3.600.1.1525): Added 1 ICD10CM code (Z71.82).	Value Set	QDM Data Elements	2018 Addendum

CMS74v7 - Primary Caries Prevention Intervention as Offered by Primary Care Providers, including Dentists

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS75v6 - Children Who Have Dental Decay or Cavities

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Dental Caries (2.16.840.1.113883.3.464.1003.125.12.1004): Deleted 2 SNOMEDCT codes (109579001, 5170009).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS82v5 - Maternal depression screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement to reflect updated clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Changed the QDM type for 'Maternal Post Partum Depression Screening' from 'Intervention, Performed' to 'Assessment, Performed' as the 'Assessment, Performed' datatype is more appropriate for a screening.	Logic	Numerator	Measure Lead

CMS90v7 - Functional Status Assessments for Congestive Heart Failure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Expanded patient age range from 65 years and older to 18 years and older to be as inclusive as possible for this measure per clinical experts' recommendations.	Header	Description	Expert Work Group
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Expanded patient age range from 65 years and older to 18 years and older to be as inclusive as possible for this measure per clinical experts' recommendations.	Header	Initial Population	Expert Work Group
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Changed the timing of the follow-up FSA to be in relation to the initial FSA (at least 30 days but no more than 180 days after the initial FSA) to better meet the intent of the measure (previously the timing was in relation to the encounter).	Header	Numerator	Measure Lead
Expanded patient age in the Initial Population logic from '>=65 years(s)' to '>= 18 year(s)' to be as inclusive as possible for this measure per clinical experts' recommendations.	Logic	Initial Population	Expert Work Group
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Changed the logical operator in the Numerator to include patients who have results documented in the EHR for the follow-up FSA that is at least 30 days but no more than 180 days after the initial FSA (previously the timing was in relation to the encounter).	Logic	Numerator	Measure Lead
Replaced the 'ends before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'ends before or concurrent with end of'.	Logic	Numerator	JIRA (CQM-1936)
Replaced 'Functional Status, Performed' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set All Cancer (2.16.840.1.113883.3.464.1003.108.12.1011): Added 85 ICD9CM codes and deleted 2 ICD9CM codes (154.2, 154.3). Added 261 ICD10CM codes and deleted 2 ICD10CM codes (C21.0, C21.1). Added 28 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Added 9 ICD10CM codes (I50.810, I50.811, I50.812, I50.813, I50.814, I50.82, I50.83, I50.84, I50.89).	Value Set	QDM Data Elements	2018 Addendum
Value set All Cancer (2.16.840.1.113883.3.464.1003.108.12.1011): Added 33 SNOMEDCT codes and deleted 3 SNOMEDCT codes (188651007, 421835000, 422052002). Added 4 ICD10CM codes (C96.20, C96.21, C96.22, C96.29).	Value Set	QDM Data Elements	2018 Addendum

CMS117v6 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Added 'HIV' and 'Disorders of the Immune System' as diagnosis options to satisfy the Numerator criteria for Influenza vaccination.	Logic	Numerator	Measure Lead
Added 'Intussusception' and 'Severe Combined Immunodeficiency' as diagnosis options to satisfy the Numerator criteria for Rotavirus vaccination (dose 2 and dose 3 schedules).	Logic	Numerator	Measure Lead
Created QDM variables for vaccinations to allow for a combination of immunizations and procedures to satisfy Numerator criteria. The new variables are \$DTaPVaccine, \$HIBVaccine, \$InfluenzaVaccine, \$IPVVaccine, \$PneumococcalConjugateVaccine, \$RotavirusVaccine3Dose, \$HepatitisBVaccine, \$RotavirusVaccine2Dose.	Logic	Numerator	JIRA (CQM-2223)
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Numerator	JIRA (CQM-1936)
Updated the Numerator logic for Hepatitis A and Hepatitis B vaccinations by clarifying the laboratory test and results that indicate a patient is seropositive for Hepatitis A or B.	Logic	Numerator	Measure Lead
Value set Intussusception (2.16.840.1.113883.3.464.1003.199.12.1056): New value set with 1 ICD10CM and 19 SNOMED codes.	Value Set	QDM Data Elements	Measure Lead
Value set Hepatitis A (2.16.840.1.113883.3.464.1003.110.12.1024): Deleted 2 ICD9CM codes (070.0, 070.1).	Value Set	QDM Data Elements	Annual Update
Value set Mumps (2.16.840.1.113883.3.464.1003.110.12.1032): Deleted 9 ICD9CM codes (072.0, 072.1, 072.2, 072.3, 072.71, 072.72, 072.79, 072.8, 072.9). Added 1 SNOMEDCT code (89231008).	Value Set	QDM Data Elements	Annual Update
Value set Rubella (2.16.840.1.113883.3.464.1003.110.12.1037): Deleted 7 ICD9CM codes (056.00, 056.01, 056.09, 056.71, 056.79, 056.8, 056.9). Added 5 SNOMEDCT codes (1092351000119107, 1092361000119109, 128191000, 192689006, 302811004).	Value Set	QDM Data Elements	Annual Update
Value set Varicella Zoster (2.16.840.1.113883.3.464.1003.110.12.1039): Deleted 21 ICD9CM codes. Added 6 SNOMEDCT codes (15678761000119105, 15678801000119102, 713250002, 713733003, 713964006, 715223009).	Value Set	QDM Data Elements	Annual Update
Value set Influenza Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1044): Added 1 CPT code (90687).	Value Set	QDM Data Elements	Annual Update
Value set Measles (2.16.840.1.113883.3.464.1003.110.12.1053): Deleted 7 ICD9CM codes (055.0, 055.1, 055.2, 055.71, 055.79, 055.8, 055.9).	Value Set	QDM Data Elements	Annual Update
Value set Encephalopathy due to Childhood Vaccination (2.16.840.1.113883.3.464.1003.114.12.1007): Deleted 1 ICD9CM code (323.51).	Value Set	QDM Data Elements	Annual Update

CMS117v6 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Hepatitis A Vaccine (2.16.840.1.113883.3.464.1003.196.12.1215): Deleted 1 CVX code (104) and added 1 CVX code (85).	Value Set	QDM Data Elements	Annual Update
Value set Haemophilus Influenzae Type B (HiB) Vaccine (2.16.840.1.113883.3.464.1003.196.12.1217): Added 4 CVX codes (46, 47, 148, 17).	Value Set	QDM Data Elements	Annual Update
Value set Inactivated Polio Vaccine (IPV) (2.16.840.1.113883.3.464.1003.196.12.1219): Added 2 CVX codes (120, 89) and deleted 1 CVX code (130).	Value Set	QDM Data Elements	Annual Update
Value set Hepatitis A Antigen Test (2.16.840.1.113883.3.464.1003.198.12.1033): Renamed Hepatitis A Antigen Test to Anti Hepatitis A IgG Antigen Test.	Value Set	QDM Data Elements	Annual Update
Value set Anti Hepatitis A IgG Antigen Test (2.16.840.1.113883.3.464.1003.198.12.1033): Added 3 LOINC codes (32018-4, 40724-7, 51913-2) and deleted 6 LOINC codes (22312-3, 22313-1, 22315-6, 5179-7, 5181-3, 5183-9).	Value Set	QDM Data Elements	Annual Update
Value set Hepatitis B (2.16.840.1.113883.3.464.1003.110.12.1025): Deleted 1 SNOMEDCT code (424460009). Deleted 9 ICD9CM codes (070.20, 070.21, 070.22, 070.23, 070.30, 070.31, 070.32, 070.33, V02.61).	Value Set	QDM Data Elements	Annual Update
Value set DTaP Vaccine (2.16.840.1.113883.3.464.1003.196.12.1214): Deleted 1 CVX code (130).	Value Set	QDM Data Elements	Annual Update
Value set Malignant Neoplasm of Lymphatic and Hematopoietic Tissue (2.16.840.1.113883.3.464.1003.108.12.1009): Deleted 301 ICD9CM codes. Added 28 SNOMEDCT codes. Added 39 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set DTaP Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1022): Added 17 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Haemophilus Influenzae Type B (HiB) Vaccine Administered (2.16.840.1.113883.3.464.1003.110.12.1043): Added 1 CPT code (90644).	Value Set	QDM Data Elements	Annual Update
Value set Disorders of the Immune System (2.16.840.1.113883.3.464.1003.120.12.1001): Deleted 23 ICD9CM codes. Added 8 SNOMEDCT codes (12631000119106, 713530002, 715982006, 716378008, 716871006, 718107000, 718230004, 718232007).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Severe Combined Immunodeficiency (2.16.840.1.113883.3.464.1003.120.12.1007): Added Severe Combined Immunodeficiency.	Value Set	QDM Data Elements	Annual Update
Replaced value set Hepatitis B Antigen Test (2.16.840.1.113883.3.464.1003.198.12.1031) with Anti-Hepatitis B Virus Surface Ab (2.16.840.1.113883.3.464.1003.198.12.1073).	Value Set	QDM Data Elements	Annual Update
Value set Seropositive (2.16.840.1.113883.3.464.1003.110.12.1054): Removed Seropositive.	Value Set	QDM Data Elements	Annual Update
Value set Influenza Vaccine (2.16.840.1.113883.3.464.1003.196.12.1218): Added 2 CVX codes (158, 88).	Value Set	QDM Data Elements	Annual Update
Value set Pneumococcal Conjugate Vaccine (2.16.840.1.113883.3.464.1003.196.12.1221): Deleted 1 CVX code (33).	Value Set	QDM Data Elements	Annual Update
Value set Hepatitis B Vaccine (2.16.840.1.113883.3.464.1003.196.12.1216): Added 1 CVX code (45) and deleted 1 CVX code (104).	Value Set	QDM Data Elements	Annual Update

CMS117v6 - Childhood Immunization Status

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set HIV (2.16.840.1.113883.3.464.1003.120.12.1003): Added 70 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Varicella Zoster Vaccine (VZV) Administered (2.16.840.1.113883.3.464.1003.110.12.1040): Added 1 SNOMEDCT code (571611000119101).	Value Set	QDM Data Elements	2018 Addendum
Value set Malignant Neoplasm of Lymphatic and Hematopoietic Tissue (2.16.840.1.113883.3.464.1003.108.12.1009): Added 21 SNOMEDCT codes and deleted 3 SNOMEDCT codes (188651007, 421835000, 422052002). Added 4 ICD10CM codes (C96.20, C96.21, C96.22, C96.29).	Value Set	QDM Data Elements	2018 Addendum
Value set Disorders of the Immune System (2.16.840.1.113883.3.464.1003.120.12.1001): Added 22 SNOMEDCT codes and deleted 2 SNOMEDCT codes (359791000, 77070006).	Value Set	QDM Data Elements	2018 Addendum
Value set Severe Combined Immunodeficiency (2.16.840.1.113883.3.464.1003.120.12.1007): Added 5 SNOMEDCT codes (720345008, 720853005, 720986005, 721977007, 722067005).	Value Set	QDM Data Elements	2018 Addendum
Value set Varicella Zoster (2.16.840.1.113883.3.464.1003.110.12.1039): Added 9 SNOMEDCT codes (12551000132107, 12571000132104, 15680201000119106, 15680241000119108, 15681321000119100, 15681401000119101, 15685081000119102, 15685121000119100, 723109003).	Value Set	QDM Data Elements	2018 Addendum

CMS122v6 - Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9%)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement to reflect updated clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 2 ICD10CM codes (E11.10, E11.11). Added 21 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum

CMS123v6 - Diabetes: Foot Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement to reflect updated clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated the Definition of foot exam to match the Numerator requirement.	Header	Definition	JIRA (CQM-2001)
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Denominator Exclusions	JIRA (CQM-1936)
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 2 ICD10CM codes (E11.10, E11.11). Added 21 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum

CMS124v6 - Cervical Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Added language to the Guidance to clarify how patient-reported information regarding procedures and diagnostic studies should be documented for calculation of the measure.	Header	Guidance	JIRA (CQM-1739)
Added language to the Guidance to clarify that reflex testing does not meet the Numerator criteria.	Header	Guidance	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Hysterectomy with No Residual Cervix (2.16.840.1.113883.3.464.1003.198.12.1014): Added 2 SNOMEDCT codes (708877008, 708878003).	Value Set	QDM Data Elements	Annual Update
Value set HPV Test (2.16.840.1.113883.3.464.1003.110.12.1059): Added 7 LOINC codes (59263-4, 59264-2, 69002-4, 71431-1, 77379-6, 77399-4, 77400-0).	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set HPV Test (2.16.840.1.113883.3.464.1003.110.12.1059): Deleted 1 LOINC code (49896-4).	Value Set	QDM Data Elements	2018 Addendum

CMS125v6 - Breast Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Added language to the Guidance to clarify how patient-reported information regarding procedures and diagnostic studies should be documented for calculation of the measure.	Header	Guidance	JIRA (CQM-1739)
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Renamed value set Right Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1070) to Status Post Right Mastectomy and renamed value set Left Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1069) to Status Post Left Mastectomy to better reflect the codes included in each value set.	Logic	Denominator Exclusions	Measure Lead
Modified the name of the 'Mammogram' value set to 'Mammography' to align with the HEDIS parent measure.	Logic	Numerator	Measure Lead
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Numerator	JIRA (CQM-1936)
Value set Mammogram (2.16.840.1.113883.3.464.1003.108.12.1018): Renamed Mammogram to Mammography.	Value Set	QDM Data Elements	Annual Update
Value set Left Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1069): Renamed Left Mastectomy to Status Post Left Mastectomy.	Value Set	QDM Data Elements	Annual Update
Value set Right Mastectomy (2.16.840.1.113883.3.464.1003.198.12.1070): Renamed Right Mastectomy to Status Post Right Mastectomy.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update

CMS127v6 - Pneumococcal Vaccination Status for Older Adults

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated the NQF Number from 0043 to 'Not Applicable' as the measure is no longer NQF-endorsed.	Header	NQF Number	Measure Lead
Removed 'National Quality Forum' as the measure is no longer endorsed.	Header	Endorsed By	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Numerator	JIRA (CQM-1936)
Value set Pneumococcal Vaccine (2.16.840.1.113883.3.464.1003.110.12.1027): Added 2 CVX codes (152, 109).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS128v6 - Anti-depressant Medication Management

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Initial Population	JIRA (CQM-1936)
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Major Depression (2.16.840.1.113883.3.464.1003.105.12.1007): Deleted 12 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Antidepressant Medication (2.16.840.1.113883.3.464.1003.196.12.1213): Added 22 RXNORM codes and deleted 14 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Major Depression (2.16.840.1.113883.3.464.1003.105.12.1007): Added 6 SNOMEDCT codes (719592004, 720451004, 720452006, 720453001, 720454007, 720455008).	Value Set	QDM Data Elements	2018 Addendum
Value set Antidepressant Medication (2.16.840.1.113883.3.464.1003.196.12.1213): Added 4 RXNORM codes (1439840, 859186, 859190, 859193) and deleted 1 RXNORM code (1551468).	Value Set	QDM Data Elements	2018 Addendum

CMS129v7 - 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
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated Definitions for low and very low risk strata.	Header	Definition	Measure Lead

CMS130v6 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Added language to the Guidance to clarify how patient-reported information regarding procedures and diagnostic studies should be documented for calculation of the measure.	Header	Guidance	JIRA (CQM-1739)
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Updated the Numerator header statement to include FIT-DNA lab test or CT Colonography procedure as acceptable screenings for this measure.	Header	Numerator	JIRA (CQM-2122)
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Denominator Exclusions	JIRA (CQM-1936)
Added logic to include FIT DNA laboratory test and CT Colonography procedure as acceptable screenings for this measure.	Logic	Numerator	JIRA (CQM-2122)
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Numerator	JIRA (CQM-1936)
Added new value set FIT DNA (2.16.840.1.113883.3.464.1003.108.12.1039). Value set contains two LOINC codes (77353-1, 77354-9).	Value Set	QDM Data Elements	JIRA (CQM-2122)
Added new value set CT Colonography (2.16.840.1.113883.3.464.1003.108.12.1038). Value set contains 1 CPT code (74263) and 1 SNOMED code (418714002).	Value Set	QDM Data Elements	JIRA (CQM-2122)
Value set Malignant Neoplasm of Colon (2.16.840.1.113883.3.464.1003.108.12.1001): Deleted 3 ICD9CM codes (154.2, 154.3, 154.8). Deleted 2 ICD10CM codes (C21.0, C21.1).	Value Set	QDM Data Elements	Annual Update
Value set Colonoscopy (2.16.840.1.113883.3.464.1003.108.12.1020): Added 13 CPT codes.	Value Set	QDM Data Elements	Annual Update
Value set Flexible Sigmoidoscopy (2.16.840.1.113883.3.464.1003.198.12.1010): Added 4 CPT codes (45346, 45347, 45349, 45350).	Value Set	QDM Data Elements	Annual Update
Value set Fecal Occult Blood Test (FOBT) (2.16.840.1.113883.3.464.1003.198.12.1011): Added 1 LOINC code (80372-6).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS130v6 - Colorectal Cancer Screening

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value se Malignant Neoplasm of Colon (2.16.840.1.113883.3.464.108.12.1001): Added 13 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum

CMS131v6 - Diabetes: Eye Exam

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement to reflect updated clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Updated the timing logic of negative finding from <= 12 months to < 12 months to align the measure's Description and Numerator.	Logic	Numerator	JIRA (CQM-1851)
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Retinal or Dilated Eye Exam (2.16.840.1.113883.3.464.1003.115.12.1088): Added 1 SNOMEDCT code (722161008).	Value Set	QDM Data Elements	2018 Addendum
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 2 ICD10CM codes (E11.10, E11.11). Added 21 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum

CMS132v6 - Cataracts: Complications within 30 Days Following Cataract Surgery Requiring Additional Surgical Procedures

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Removed 'no significant ocular conditions impacting the surgical complication rate' and added 'did not meet any exclusion criteria' to align Initial Population language across similar cataracts measures.	Header	Initial Population	Expert Work Group Review
Value set Cysts of Iris, Ciliary Body, and Anterior Chamber (2.16.840.1.113883.3.526.3.1420): Added 4 ICD10CM codes (H21.331, H21.332, H21.333, H21.339).	Value Set	QDM Data Elements	Annual Update
Value set Use of Systemic Sympathetic alpha-1a Antagonist Medication for Treatment of Prostatic Hypertrophy (2.16.840.1.113883.3.526.3.1442): Added 2 RXNORM codes (199797, 199798).	Value Set	QDM Data Elements	Annual Update
Value set Hereditary Corneal Dystrophies (2.16.840.1.113883.3.526.3.1424): Added 1 SNOMEDCT code (129623003).	Value Set	QDM Data Elements	2018 Addendum
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Added 18 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS133v6 - Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Added 'and did not meet any exclusion criteria' to align Initial Population language across similar cataracts measures.	Header	Initial Population	Expert Work Group Review
Value set Amblyopia (2.16.840.1.113883.3.526.3.1448): Added 4 ICD10CM codes (H53.041, H53.042, H53.043, H53.049).	Value Set	QDM Data Elements	Annual Update
Value set Hereditary Corneal Dystrophies (2.16.840.1.113883.3.526.3.1424): Added 1 SNOMEDCT code (129623003).	Value Set	QDM Data Elements	2018 Addendum
Value set Pathologic Myopia (2.16.840.1.113883.3.526.3.1432): Added 18 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Degenerative Disorders of Globe (2.16.840.1.113883.3.526.3.1454): Added 18 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Moderate or Severe Impairment, Better Eye, Profound Impairment Lesser Eye (2.16.840.1.113883.3.526.3.1464): Added 12 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Profound Impairment, Both Eyes (2.16.840.1.113883.3.526.3.1476): Added 9 ICD10CM codes (H54.OX33, H54.OX34, H54.OX35, H54.OX43, H54.OX44, H54.OX45, H54.OX53, H54.OX54, H54.OX55).	Value Set	QDM Data Elements	2018 Addendum

CMS134v6 - Diabetes: Medical Attention for Nephropathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement to reflect updated clinical guidelines.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Deleted 1 SNOMEDCT code (48994000).	Value Set	QDM Data Elements	Annual Update
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 32 SNOMEDCT codes.	Value Set	QDM Data Elements	Annual Update
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 1 SNOMEDCT code (714749008).	Value Set	QDM Data Elements	Annual Update
Value set Urine Protein Tests (2.16.840.1.113883.3.464.1003.109.12.1024): Added 4 LOINC codes (76401-9, 77158-4, 77253-3, 77254-1).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set ESRD Monthly Outpatient Services (2.16.840.1.113883.3.464.1003.109.12.1014): Added 10 CPT codes (90951, 90952, 90953, 90954, 90955, 90956, 90963, 90964, 90967, 90968).	Value Set	QDM Data Elements	2018 Addendum
Value set ACE Inhibitor or ARB (2.16.840.1.113883.3.526.3.1139): Deleted 10 RXNORM codes (1011718, 1011729, 199850, 199919, 251856, 310139, 401965, 401968, 858618, 858621).	Value Set	QDM Data Elements	2018 Addendum
Value set Kidney Failure (2.16.840.1.113883.3.464.1003.109.12.1028): Added 5 SNOMEDCT codes (722098007, 722149000, 722150000, 722467000, 723190009).	Value Set	QDM Data Elements	2018 Addendum
Value set Glomerulonephritis and Nephrotic Syndrome (2.16.840.1.113883.3.464.1003.109.12.1018): Added 30 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Urine Protein Tests (2.16.840.1.113883.3.464.1003.109.12.1024): Added 10 LOINC codes (13986-5, 13992-3, 17819-4, 29946-1, 49002-9, 50209-6, 51190-7, 6941-9, 6942-7, 77940-5) and deleted 1 LOINC code (77158-4).	Value Set	QDM Data Elements	2018 Addendum
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 2 ICD10CM codes (E11.10, E11.11). Added 21 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Other Services Related to Dialysis (2.16.840.1.113883.3.464.1003.109.12.1015): Added 5 SNOMEDCT codes (717738008, 718019005, 718308002, 718330001, 718331002).	Value Set	QDM Data Elements	2018 Addendum

CMS135v6 - Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Reverted to the parent NQF Number, 0081, for CMS documentation per guidance from National Quality Forum.	Header	NQF Number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Added Guidance to provide clarification on what threshold range value(s) would satisfy the logic requirement for 'Ejection Fraction.'	Header	Guidance	Measure Lead
Replaced value set ACE Inhibitor or ARB Ingredient (2.16.840.1.113883.3.526.3.1489) with value set ACE Inhibitor or ARB (2.16.840.1.113883.3.526.3.1139) in the 'Medication, Order not done' logic. As a result, the Data Criteria (QDM Data Element) 'Medication, Order: ACE Inhibitor or ARB Ingredient' has been removed.	Logic	Denominator Exceptions	JIRA (CQM-1812)
Removed term types BN, PIN, and MIN from value set ACE Inhibitor or ARB Ingredient (2.16.840.1.113883.3.526.3.1489) value set.	Value Set	QDM Data Elements	JIRA (CQM-1812)
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update
Value set Ejection Fraction (2.16.840.1.113883.3.526.3.1134): Added 8 LOINC codes (77889-4, 77890-2, 77891-0, 77892-8, 79990-8, 79991-6, 79992-4, 79993-2).	Value Set	QDM Data Elements	Annual Update
Value set ACE Inhibitor or ARB Ingredient (2.16.840.1.113883.3.526.3.1489): Deleted 68 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Removed ICD-9 extensional value set (2.16.840.1.113883.3.526.2.243).	Value Set	QDM Data Elements	Annual Update
Value set ACE Inhibitor or ARB (2.16.840.1.113883.3.526.3.1139): Deleted 10 RXNORM codes (1011718, 1011729, 199850, 199919, 251856, 310139, 401965, 401968, 858618, 858621).	Value Set	QDM Data Elements	2018 Addendum
Value set Allergy to ACE Inhibitor or ARB (2.16.840.1.113883.3.526.3.1211): Added 1 SNOMEDCT code (609534005) and deleted 1 SNOMEDCT code (295050005).	Value Set	QDM Data Elements	2018 Addendum
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Added 9 ICD10CM codes (I50.810, I50.811, I50.812, I50.813, I50.814, I50.82, I50.83, I50.84, I50.89).	Value Set	QDM Data Elements	2018 Addendum
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 12 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS136v7 - Follow-Up Care for Children Prescribed ADHD Medication (ADD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated the eMeasure Title from 'Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication' to 'Follow-Up Care for Children Prescribed ADHD Medication (ADD)' to align with the HEDIS parent measure.	Header	eMeasure Title	Measure Lead
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Updated the timing operators for ADHD medications from 'ends after end of' to 'starts after end of' to better reflect the measure intent.	Logic	Numerator	JIRA (CQM-1240)
Value set Inpatient Encounter (2.16.840.1.113883.3.464.1003.101.12.1060): Added 17 SNOMEDCT codes and deleted 1 SNOMEDCT code (305335007).	Value Set	QDM Data Elements	Annual Update
Value set Substance Abuse (2.16.840.1.113883.3.464.1003.106.12.1004): Deleted 108 ICD9CM codes. Added 1 SNOMEDCT code (713775002).	Value Set	QDM Data Elements	Annual Update
Value set ADHD Medications (2.16.840.1.113883.3.464.1003.196.12.1171): Added 24 RXNORM codes and deleted 7 RXNORM codes (1091137, 1091161, 1091176, 1091191, 1091202, 1091218, 885882).	Value Set	QDM Data Elements	Annual Update
Value set Telehealth Services (2.16.840.1.113883.3.464.1003.101.12.1031): Added 4 CPT codes (98966, 98967, 98968, 98969).	Value Set	QDM Data Elements	Annual Update
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Added 180 SNOMEDCT codes and deleted 22 SNOMEDCT codes. Deleted 365 ICD9CM codes. Deleted 13 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Inpatient Encounter (2.16.840.1.113883.3.464.1003.101.12.1060): Added 1 SNOMEDCT code (305335007).	Value Set	QDM Data Elements	2018 Addendum
Value set Substance Abuse (2.16.840.1.113883.3.464.1003.106.12.1004): Added 9 ICD10CM codes (F10.11, F11.11, F12.11, F13.11, F14.11, F15.11, F16.11, F18.11, F19.11).	Value Set	QDM Data Elements	2018 Addendum
Value set Ambulatory (2.16.840.1.113883.3.464.1003.122.12.1003): Added 1 SNOMEDCT code (722171005).	Value Set	QDM Data Elements	2018 Addendum
Value set ADHD Medications (2.16.840.1.113883.3.464.1003.196.12.1171): Added 6 RXNORM codes (1871456, 1871460, 1871462, 1871464, 1871466, 1871468) and deleted 6 RXNORM codes (1087322, 1310588, 884192, 884198, 884203, 885878).	Value Set	QDM Data Elements	2018 Addendum
Value set Mental Health Diagnoses (2.16.840.1.113883.3.464.1003.105.12.1004): Added 69 SNOMEDCT codes and deleted 3 SNOMEDCT codes (21061000119107, 231457005, 231535000). Added 1 ICD10CM code (F50.82).	Value Set	QDM Data Elements	2018 Addendum

CMS137v6 - Initiation and Engagement of Alcohol and Other Drug Dependence Treatment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Added language to the Definition section stating that the diagnosis must occur between January 1 and November 15 of the measurement year to ensure all services occur before the end of the measurement year.	Header	Definition	JIRA (CQM-2246)
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added a new line of logic for \$FirstAlcoholDrugDependenceDx that restricts the diagnosis to occur between January 1 and November 15 to ensure all services occur before the end of the measurement period.	Logic	Initial Population	JIRA (CQM-2246)
Updated the logic for the \$FirstAlcoholDrugDependenceDx variable by tying the 'FIRST' function to the diagnosis rather than the measurement period, which better meets the intent of the measure.	Logic	Initial Population	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Alcohol and Drug Dependence (2.16.840.1.113883.3.464.1003.106.12.1001): Added 18 SNOMEDCT codes and deleted 40 SNOMEDCT codes. Deleted 76 ICD9CM codes. Deleted 131 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Alcohol and Drug Dependence Treatment (2.16.840.1.113883.3.464.1003.106.12.1005): Added 2 SNOMEDCT codes (20093000, 707166002).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Alcohol and Drug Dependence Treatment (2.16.840.1.113883.3.464.1003.106.12.1005): Added 4 SNOMEDCT codes (720174008, 720175009, 720176005, 720177001).	Value Set	QDM Data Elements	2018 Addendum

CMS138v6 - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Based on feedback received from clinical experts, federal agencies, and the updated standards, the measure developer has revised the measure in a way to better highlight performance and areas for improvement. This measure has undergone a number of changes which will enable eligible professionals or eligible clinicians to more clearly understand their performance on the individual clinical actions included in the measure. Additionally, the changes have resulted in new relationships and timings among data elements in order to more accurately capture the clinical actions indicated by this measure.	Header and Logic	Multiple sections	Measure Lead, Expert Work Group
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Added instructions surrounding the three performance rates based on the measure restructure.	Header	Description	Measure Lead
Revised 'cessation counseling intervention' to 'tobacco cessation intervention' in the Description to align with Numerator and data element names.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Replaced reference to smoking with reference to tobacco use to align with measure intent.	Header	Rationale	Measure Lead
Updated the Definition for tobacco cessation intervention.	Header	Definition	Measure Lead
Added Guidance regarding the encounter count requirement.	Header	Guidance	Measure Lead
Added Guidance to highlight the most recent tobacco use screening is used to assess the logic requirements.	Header	Guidance	Measure Lead
Added Guidance regarding the measure restructure to collect and report three different rates. This Guidance highlights the intent of each rate/population.	Header	Guidance	Measure Lead
Updated Guidance related to Denominator Exception applicability; expanded applicability of the medical reason exception to the tobacco cessation intervention, per clinical experts' recommendations.	Header	Guidance	Measure Lead
Updated to reflect the eligible populations for the three performance rates.	Header	Denominator	Measure Lead
Updated to reflect the eligible populations for the three performance rates.	Header	Numerator	Measure Lead
Revised Denominator Exception language to reflect that the medical reason exception is applicable to both not screening a patient for tobacco use and not providing tobacco cessation intervention for patients identified as tobacco users, per clinical experts' recommendations.	Header	Denominator Exceptions	Measure Lead
Updated to reflect the eligible populations for the three performance rates.	Header	Denominator Exceptions	Measure Lead
Moved 'Encounter, Performed: Face-to-Face Interaction' and 'Encounter, Performed: Speech and Hearing Evaluation' from the Count >= 1 requirement to the Count >= 2 requirement based on clinical experts' recommendations.	Logic	Initial Population	Expert Work Group Review
Restructured Denominator logic to reflect the population criteria for the three performance rates. Population Criteria 2 introduces a variable to capture the tobacco use screening during which a patient is identified as a tobacco user.	Logic	Denominator	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Restructured Numerator logic to reflect the population criteria for the three performance rates. Population Criteria 1 and 3 introduce variables to capture the tobacco use screening and tobacco use status. Population Criteria 2 and 3 introduce variables to capture the provision of tobacco cessation interventions.	Logic	Numerator	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Denominator Exceptions	QDM Standards
Expanded applicability of the medical reason exception to the tobacco cessation intervention, per clinical experts' recommendations.	Logic	Denominator Exceptions	Measure Lead

CMS138v6 - Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Restructured Denominator Exceptions logic to reflect the population criteria for the three performance rates. Population Criteria 2 and 3 introduce variables to capture a medical reason for not providing tobacco cessation intervention.	Logic	Denominator Exceptions	Measure Lead
Value set Tobacco Use Cessation Pharmacotherapy (2.16.840.1.113883.3.526.3.1190): Added 5 RXNORM codes (1797886, 1801289, 199283, 993687, 993691) and deleted 2 RXNORM codes (896100, 966531).	Value Set	QDM Data Elements	Annual Update
Value set Tobacco Use Cessation Counseling (2.16.840.1.113883.3.526.3.509): Added 8 SNOMEDCT codes (395700008, 449841000124108, 449851000124105, 449861000124107, 449871000124100, 702388001, 710081004, 711028002) and deleted 3 SNOMEDCT codes (185792005, 185793000, 185794006).	Value Set	QDM Data Elements	Annual Update
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added 4 CPT codes (97165, 97166, 97167, 97168) and deleted 2 CPT codes (97003, 97004).	Value Set	QDM Data Elements	2018 Addendum
Value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030): Deleted 1 CPT code (99420).	Value Set	QDM Data Elements	2018 Addendum

CMS139v6 - Falls: Screening for Future Fall Risk

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Modified the Denominator Exceptions to be Denominator Exclusions to simplify extraction for implementers.	Header	Denominator Exclusions	Measure Lead
Removed documentation of medical reason for not conducting a falls screening from Denominator Exclusions because the 'Patient Not Ambulatory' value set covers this requirement.	Header	Denominator Exclusions	Measure Lead
Modified the Denominator Exceptions to be Denominator Exclusions to simplify extraction for implementers.	Header	Denominator Exceptions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Modified the Denominator Exceptions to be Denominator Exclusions to simplify extraction for implementers.	Logic	Denominator Exclusions	Measure Lead
Removed lines of logic from Denominator Exclusions that referred to documentation of medical reason for not conducting falls screening. The 'Patient Not Ambulatory' criteria covers the measure requirement.	Logic	Denominator Exclusions	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Modified the Denominator Exceptions to be Denominator Exclusions to simplify extraction for implementers.	Logic	Denominator Exceptions	Measure Lead
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Removed Medical Reason.	Value Set	QDM Data Elements	Annual Update

CMS142v6 - Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated Reference.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update

CMS143v6 - Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated Reference.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Value set Primary Open-Angle Glaucoma (2.16.840.1.113883.3.526.3.326): Added 1 SNOMEDCT code (193533000).	Value Set	QDM Data Elements	Annual Update

CMS144v6 - Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Reverted to the parent NQF Number, 0083, for CMS documentation per guidance from National Quality Forum.	Header	NQF Number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Added Guidance to provide clarification on what threshold range value(s) would satisfy the logic requirement for 'Ejection Fraction.'	Header	Guidance	Measure Lead
Replaced value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493) with value set Beta Blocker Therapy for LVSD (2.16.840.1.113883.3.526.3.1184) in the 'Medication, Order not done' logic. As a result, the Data Criteria (QDM Data Element) 'Medication, Order: Beta Blocker Therapy Ingredient' has been removed.	Logic	Denominator Exceptions	JIRA (CQM-1812)
Removed term types BN, PIN, and MIN from value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493).	Value Set	QDM Data Elements	JIRA (CQM-1812)
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update
Value set Ejection Fraction (2.16.840.1.113883.3.526.3.1134): Added 8 LOINC codes (77889-4, 77890-2, 77891-0, 77892-8, 79990-8, 79991-6, 79992-4, 79993-2).	Value Set	QDM Data Elements	Annual Update
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Deleted 1 RXNORM code (198005).	Value Set	QDM Data Elements	Annual Update
Value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493): Deleted 37 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Added 3 RXNORM codes (1923422, 1923424, 1923426) and deleted 6 RXNORM codes (310811, 904567, 904579, 904601, 978577, 978581).	Value Set	QDM Data Elements	2018 Addendum
Value set Heart Failure (2.16.840.1.113883.3.526.3.376): Added 9 ICD10CM codes (I50.810, I50.811, I50.812, I50.813, I50.814, I50.82, I50.83, I50.84, I50.89).	Value Set	QDM Data Elements	2018 Addendum

CMS145v6 - 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
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Added NQF Number.	Header	NQF Number	Measure Lead
Added 'National Quality Forum.'	Header	Endorsed By	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Removed 'resolved' to align with measure language and specifications.	Header	Rate Aggregation	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Added Guidance to provide clarification on what threshold range value(s) would satisfy the logic requirement for 'Ejection Fraction.'	Header	Guidance	Measure Lead
Population 1: Replaced value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493) with value set Beta Blocker Therapy for LVSD (2.16.840.1.113883.3.526.3.1184) in the 'Medication, Order not done' logic. As a result, the Data Criteria (QDM Data Element) 'Medication, Order: Beta Blocker Therapy Ingredient' has been removed. Population 2: Replaced value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493) with value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174) in the 'Medication, Order not done' logic. As a result, the Data Criteria (QDM Data Element) 'Medication, Order: Beta Blocker Therapy Ingredient' has been removed.	Logic	Denominator Exceptions	JIRA (CQM-1812)
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update
Value set Ejection Fraction (2.16.840.1.113883.3.526.3.1134): Added 8 LOINC codes (77889-4, 77890-2, 77891-0, 77892-8, 79990-8, 79991-6, 79992-4, 79993-2).	Value Set	QDM Data Elements	Annual Update
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Deleted 1 RXNORM code (198005).	Value Set	QDM Data Elements	Annual Update
Value set Beta Blocker Therapy Ingredient (2.16.840.1.113883.3.526.3.1493): Deleted 37 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Cardiac Surgery (2.16.840.1.113883.3.526.3.371): Added 3 SNOMEDCT codes (418551006, 418824004, 419132001).	Value Set	QDM Data Elements	Annual Update
Removed term types BN, PIN, and MIN from Beta Blocker Therapy Ingredient (OID 2.16.840.1.113883.3.526.3.1493) value set.	Value Set	QDM Data Elements	JIRA (CQM-1812)
Value set Beta Blocker Therapy (2.16.840.1.113883.3.526.3.1174): Added 3 RXNORM codes (1923422, 1923424, 1923426) and deleted 6 RXNORM codes (310811, 904567, 904579, 904601, 978577, 978581).	Value Set	QDM Data Elements	2018 Addendum
Value set Myocardial Infarction (2.16.840.1.113883.3.526.3.403): Added 3 ICD10CM codes (I21.9, I21.A1, I21.A9).	Value Set	QDM Data Elements	2018 Addendum

CMS146v6 - Appropriate Testing for Children with Pharyngitis

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Updated logic by tying the diagnoses of pharyngitis and tonsillitis into a QDM variable called \$AcutePharyngitisOrTonsillitis to ensure the same Initial Population event pertains to all portions of the measure.	Logic	Initial Population	Measure Lead
Changed timing operator for URI diagnosis in Initial Population from 'ends after or concurrent with end of' to 'overlaps' to ensure inclusion of patients without an end date for their diagnosis.	Logic	Initial Population	Measure Lead
Updated logic by tying the diagnoses of pharyngitis and tonsillitis into a QDM variable called \$AcutePharyngitisOrTonsillitis to ensure the same Initial Population event pertains to all portions of the measure.	Logic	Denominator Exclusions	Measure Lead
Added a new line of logic to the Denominator Exclusions that requires the medication to be active at least one day prior to diagnosis of pharyngitis or tonsillitis to better meet the intent of the measure.	Logic	Denominator Exclusions	JIRA (CQM-496)
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Acute Pharyngitis (2.16.840.1.113883.3.464.1003.102.12.1011): Deleted 1 SNOMEDCT code (55355000). Deleted 2 ICD9CM codes (034.0, 462).	Value Set	QDM Data Elements	Annual Update
Value set Acute Tonsillitis (2.16.840.1.113883.3.464.1003.102.12.1012): Deleted 1 ICD9CM code (463). Added 1 SNOMEDCT code (10629271000119107).	Value Set	QDM Data Elements	Annual Update
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 53 RXNORM codes and deleted 7 RXNORM codes (105152, 105170, 313251, 351239, 636559, 762666, 900424).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Acute Tonsillitis (2.16.840.1.113883.3.464.1003.102.12.1012): Deleted 1 SNOMEDCT code (195667003).	Value Set	QDM Data Elements	2018 Addendum
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 88 RXNORM codes and deleted 18 RXNORM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Group A Streptococcus Test (2.16.840.1.113883.3.464.1003.198.12.1012): Added 2 LOINC codes (17898-8, 78012-2).	Value Set	QDM Data Elements	2018 Addendum
Value set Ambulatory/ED Visit (2.16.840.1.113883.3.464.1003.101.12.1061): Deleted 1 CPT code (99420).	Value Set	QDM Data Elements	2018 Addendum

CMS147v7 - Preventive Care and Screening: Influenza Immunization

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Added Guidance regarding the removal of a particular influenza vaccine to align with current guidelines.	Header	Guidance	Measure Lead
Removed the requirement for two or more visits for certain types of encounters to align with clinical experts' recommendations. As a result, updated the Initial Population language.	Header	Initial Population	Expert Work Group Review
Removed the requirement for two or more visits for certain types of encounters to align with clinical experts' recommendations. As a result, updated the Initial Population logic.	Logic	Initial Population	Expert Work Group Review
Added new data element 'Substance, Allergy: Egg Substance' to provide an alternative approach to capturing an allergy to egg.	Logic	Denominator Exceptions	JIRA (CQM-1067)
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update
Value set Influenza Vaccine (2.16.840.1.113883.3.526.3.1254): Added 1 CVX code (171) and deleted 2 CVX codes (149, 151).	Value Set	QDM Data Elements	Annual Update
Value set Influenza Vaccination (2.16.840.1.113883.3.526.3.402): Deleted 3 CPT codes (90660, 90664, 90672).	Value Set	QDM Data Elements	Annual Update
Value set Egg Substance (2.16.840.1.113883.3.526.3.1537): Added Egg Substance.	Value Set	QDM Data Elements	Annual Update
Value set Influenza Vaccine (2.16.840.1.113883.3.526.3.1254): Added 1 CVX code (185).	Value Set	QDM Data Elements	2018 Addendum
Value set Influenza Vaccination (2.16.840.1.113883.3.526.3.402): Added 2 CPT codes (90674, 90682).	Value Set	QDM Data Elements	2018 Addendum
Value set Encounter-Influenza (2.16.840.1.113883.3.526.3.1252): Deleted 1 CPT code (99420).	Value Set	QDM Data Elements	2018 Addendum

CMS149v6 - Dementia: Cognitive Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Added NQF Number as the measure is now endorsed.	Header	NQF Number	Measure Lead
Added 'National Quality Forum' as the measure is now endorsed.	Header	Endorsed By	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Removed medical reason from the Denominator Exception language per clinical experts' recommendation.	Header	Denominator Exceptions	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Denominator Exceptions	QDM Standards
Removed medical reason from the Denominator Exception per clinical experts' recommendation. As a result, the following data elements have been removed from the logic: 'Diagnosis: Severe Dementia', 'Intervention, Performed: Palliative Care', 'Risk Category Assessment not done: Medical Reason' for 'Standardized Tools for Assessment of Cognition', 'Intervention, Performed not done: Medical Reason' for 'Cognitive Assessment'. The Data Criteria (QDM Data Elements) have been updated.	Logic	Denominator Exceptions	Measure Lead
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update
Value set Medical Reason (2.16.840.1.113883.3.526.3.1007): Removed Medical Reason.	Value Set	QDM Data Elements	Annual Update
Value set Severe Dementia (2.16.840.1.113883.3.526.3.1025): Removed Severe Dementia.	Value Set	QDM Data Elements	Annual Update
Value set Palliative Care (2.16.840.1.113883.3.526.3.1024): Removed Palliative Care.	Value Set	QDM Data Elements	Annual Update
Value set Occupational Therapy Evaluation (2.16.840.1.113883.3.526.3.1011): Added 4 CPT codes (97165, 97166, 97167, 97168) and deleted 2 CPT codes (97003, 97004).	Value Set	QDM Data Elements	2018 Addendum

CMS153v6 - Chlamydia Screening for Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Added language to the Guidance to clarify how patient-reported information regarding procedures and diagnostic studies should be documented for calculation of the measure.	Header	Guidance	JIRA (CQM-1739)
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added logic to the Initial Population to include women who respond yes to a question about sexual activity as an additional way to identify a sexually active woman.	Logic	Initial Population	JIRA (CQM-2206)
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Added new value set Sexually Active (2.16.840.1.113883.3.464.1003.121.12.1040). Value set contains 1 LOINC code (64728-9).	Value Set	QDM Data Elements	JIRA (CQM-2206)
Added new value set Yes Response (2.16.840.1.113883.3.464.1003.122.12.1050). Value set contains 1 SNOMED code (373066001).	Value Set	QDM Data Elements	JIRA (CQM-2206)
Value set Chlamydia Screening (2.16.840.1.113883.3.464.1003.110.12.1052): Added 7 LOINC codes (80360-1, 80361-9, 80362-7, 80363-5, 80364-3, 80365-0, 80367-6).	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy Test (2.16.840.1.113883.3.464.1003.111.12.1011): Added 2 LOINC codes (80384-1, 80385-8).	Value Set	QDM Data Elements	Annual Update
Value set Gonococcal Infections and Venereal Diseases (2.16.840.1.113883.3.464.1003.112.12.1001): Deleted 5 SNOMEDCT codes (186932009, 239785008, 239808004, 415141001, 67224007). Added 21 ICD10CM codes and deleted 25 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Syphilis (2.16.840.1.113883.3.464.1003.112.12.1002): Added 1 SNOMEDCT code (713251003) and deleted 1 SNOMEDCT code (70983007).	Value Set	QDM Data Elements	Annual Update
Value set Chlamydia (2.16.840.1.113883.3.464.1003.112.12.1003): Deleted 2 ICD10CM codes (A74.89, A74.9).	Value Set	QDM Data Elements	Annual Update
Value set Inflammatory Diseases of Female Reproductive Organs (2.16.840.1.113883.3.464.1003.112.12.1004): Added 3 SNOMEDCT codes (186242002, 713454009, 74181004) and deleted 1 SNOMEDCT code (402338004). Added 6 ICD10CM codes (A55, A56.19, A56.2, A56.3, A56.4, A56.8).	Value Set	QDM Data Elements	Annual Update
Value set X-Ray Study (all inclusive) (2.16.840.1.113883.3.464.1003.198.12.1034): Deleted 14 LOINC codes.	Value Set	QDM Data Elements	Annual Update
Value set Complications of Pregnancy, Childbirth and the Puerperium (2.16.840.1.113883.3.464.1003.111.12.1012): Deleted 2 SNOMEDCT codes (200074009, 200080001). Added 2 ICD9CM codes (649.81, 649.82). Added 513 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Contraceptive Medications (2.16.840.1.113883.3.464.1003.196.12.1080): Deleted 5 RXNORM codes (1099639, 1368974, 748866, 749568, 762812).	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update

CMS153v6 - Chlamydia Screening for Women

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Chlamydia Screening (2.16.840.1.113883.3.464.1003.110.12.1052): Deleted 17 LOINC codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Procedures During Pregnancy (2.16.840.1.113883.3.464.1003.111.12.1009): Added 4 SNOMEDCT codes (713117007, 713120004, 714812005, 716100006).	Value Set	QDM Data Elements	2018 Addendum
Value set Gonococcal Infections and Venereal Diseases (2.16.840.1.113883.3.464.1003.112.12.1001): Added 13 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Inflammatory Diseases of Female Reproductive Organs (2.16.840.1.113883.3.464.1003.112.12.1004): Added 7 SNOMEDCT codes (238669003, 402338004, 717697005, 717723007, 721591008, 721592001, 722830001).	Value Set	QDM Data Elements	2018 Addendum
Value set X-Ray Study (all inclusive) (2.16.840.1.113883.3.464.1003.198.12.1034): Deleted 5 LOINC codes (24993-8, 37603-8, 39100-3, 39101-1, 43464-7).	Value Set	QDM Data Elements	2018 Addendum
Value set Complications of Pregnancy, Childbirth and the Puerperium (2.16.840.1.113883.3.464.1003.111.12.1012): Deleted 1 SNOMEDCT code (199094009). Added 40 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Contraceptive Medications (2.16.840.1.113883.3.464.1003.196.12.1080): Deleted 4 RXNORM codes (1366343, 197679, 204407, 197680).	Value Set	QDM Data Elements	2018 Addendum

CMS154v6 - Appropriate Treatment for Children with Upper Respiratory Infection (URI)

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Changed timing operator for URI diagnosis in Initial Population from 'ends after or concurrent with end of' to 'overlaps' to ensure inclusion of patients without an end date for their diagnosis.	Logic	Initial Population	Measure Lead
Added a new line of logic to the Denominator Exclusions that requires the medication to be active at least one day prior to diagnosis of pharyngitis or tonsillitis to better meet the intent of the measure.	Logic	Denominator Exclusions	JIRA (CQM-496)
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Upper Respiratory Infection (2.16.840.1.113883.3.464.1003.102.12.1022): Deleted 4 ICD9CM codes (460, 465.0, 465.8, 465.9).	Value Set	QDM Data Elements	Annual Update
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 53 RXNORM codes and deleted 7 RXNORM codes (105152, 105170, 313251, 351239, 636559, 762666, 900424).	Value Set	QDM Data Elements	Annual Update
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Deleted 457 ICD9CM codes. Added 119 SNOMEDCT codes and deleted 194 SNOMEDCT codes. Added 251 ICD10CM codes and deleted 252 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Antibiotic Medications for Pharyngitis (2.16.840.1.113883.3.464.1003.196.12.1001): Added 88 RXNORM codes and deleted 18 RXNORM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Competing Conditions for Respiratory Conditions (2.16.840.1.113883.3.464.1003.102.12.1017): Added 18 SNOMEDCT codes and deleted 3 SNOMEDCT codes (195667003, 65127006, 236704009). Added 2 ICD10CM codes (A04.71, A04.72).	Value Set	QDM Data Elements	2018 Addendum

CMS155v6 - Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Deleted 550 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 12 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS156v6 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated the measure Description for Population Criteria 2 to identify multiple dispensing events for the same high-risk medication (as opposed to different medications in the previous versions of the measure) to align with the updated Beer's criteria.	Header	Description	Measure Lead
Updated the patient age from 66 years to 65 years in the measure Description and the Initial Population sections of the header to align with the HEDIS parent measure.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Updated the patient age from 66 years to 65 years in the measure Description and the Initial Population sections of the header to align with the HEDIS parent measure.	Header	Initial Population	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Updated the Numerator for Population Criteria 2 to identify multiple dispensing events for the same high-risk medication (as opposed to different medications in the previous versions of the measure) to align with the updated Beer's criteria.	Header	Numerator	Measure Lead
Updated the patient age in the logic from >=66 year(s) to >= 65 year(s) to align with the age criteria in the HEDIS parent measure.	Logic	Initial Population	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCQA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Removed the SUM function from Numerator 1 logic because the measure is assessing if there was only one prescription with more than a 90 days supply. The function has been replaced with a 'cumulative medication duration >= 90 day(s)' attribute for the medications.	Logic	Numerator	Measure Lead
Updated the Numerator for Population Criteria 2 to identify multiple dispensing events for the same high-risk medication (as opposed to different medications in the previous versions of the measure) to align with the updated Beer's criteria.	Logic	Numerator	Measure Lead
Value set High Risk Medications for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1253): Added 122 RXNORM codes and deleted 190 RXNORM codes.	Value Set	QDM Data Elements	Annual Update
Value set Meprobamate (2.16.840.1.113883.3.464.1003.196.12.1284): Added Meprobamate.	Value Set	QDM Data Elements	Annual Update
Value set Trimipramine (2.16.840.1.113883.3.464.1003.196.12.1285): Added Trimipramine.	Value Set	QDM Data Elements	Annual Update
Value set Amitriptyline / Chlordiazepoxide (2.16.840.1.113883.3.464.1003.196.12.1286): Added Amitriptyline / Chlordiazepoxide.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Dextromethorphan / Doxylamine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1287): Added Acetaminophen / Dextromethorphan / Doxylamine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Ergoloid Mesylates (2.16.840.1.113883.3.464.1003.196.12.1288): Added Ergoloid Mesylates.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Chlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1289): Added Acetaminophen / Chlorpheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Doxylamine (2.16.840.1.113883.3.464.1003.196.12.1290): Added Doxylamine.	Value Set	QDM Data Elements	Annual Update
Value set Codeine / Phenylephrine / Promethazine (2.16.840.1.113883.3.464.1003.196.12.1291): Added Codeine / Phenylephrine / Promethazine.	Value Set	QDM Data Elements	Annual Update
Value set Diphenhydramine / Ibuprofen (2.16.840.1.113883.3.464.1003.196.12.1293): Added Diphenhydramine / Ibuprofen.	Value Set	QDM Data Elements	Annual Update

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Phenylephrine / Promethazine (2.16.840.1.113883.3.464.1003.196.12.1294): Added Phenylephrine / Promethazine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Dextromethorphan (2.16.840.1.113883.3.464.1003.196.12.1296): Added Chlorpheniramine / Dextromethorphan.	Value Set	QDM Data Elements	Annual Update
Value set Amobarbital (2.16.840.1.113883.3.464.1003.196.12.1297): Added Amobarbital.	Value Set	QDM Data Elements	Annual Update
Value set Secobarbital (2.16.840.1.113883.3.464.1003.196.12.1298): Added Secobarbital.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Hydrocodone / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1299): Added Chlorpheniramine / Hydrocodone / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Dexchlorpheniramine / Dextromethorphan / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1300): Added Dexchlorpheniramine / Dextromethorphan / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1301): Added Chlorpheniramine / Codeine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Caffeine / Orphenadrine (2.16.840.1.113883.3.464.1003.196.12.1302): Added Aspirin / Caffeine / Orphenadrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpropamide (2.16.840.1.113883.3.464.1003.196.12.1303): Added Chlorpropamide.	Value Set	QDM Data Elements	Annual Update
Value set Ticlopidine (2.16.840.1.113883.3.464.1003.196.12.1304): Added Ticlopidine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Carisoprodol / Codeine (2.16.840.1.113883.3.464.1003.196.12.1305): Added Aspirin / Carisoprodol / Codeine.	Value Set	QDM Data Elements	Annual Update
Value set Carbinoxamine (2.16.840.1.113883.3.464.1003.196.12.1306): Added Carbinoxamine.	Value Set	QDM Data Elements	Annual Update
Value set Diphenhydramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1307): Added Diphenhydramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Clemastine (2.16.840.1.113883.3.464.1003.196.12.1308): Added Clemastine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Phenylephrine / Pylramine (2.16.840.1.113883.3.464.1003.196.12.1309): Added Chlorpheniramine / Phenylephrine / Pylramine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Chlorpheniramine / Dextromethorphan / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1310): Added Acetaminophen / Chlorpheniramine / Dextromethorphan / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Disopyramide (2.16.840.1.113883.3.464.1003.196.12.1311): Added Disopyramide.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Dextromethorphan / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1312): Added Chlorpheniramine / Dextromethorphan / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Carisoprodol (2.16.840.1.113883.3.464.1003.196.12.1313): Added Aspirin / Carisoprodol.	Value Set	QDM Data Elements	Annual Update
Value set Dextromethorphan / Promethazine (2.16.840.1.113883.3.464.1003.196.12.1314): Added Dextromethorphan / Promethazine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1315): Added Chlorpheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Chlorpheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1316): Added Acetaminophen / Chlorpheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Butalbital (2.16.840.1.113883.3.464.1003.196.12.1317): Added Acetaminophen / Butalbital.	Value Set	QDM Data Elements	Annual Update

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Acetaminophen / Diphenhydramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1318): Added Acetaminophen / Diphenhydramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Estropipate (2.16.840.1.113883.3.464.1003.196.12.1319): Added Estropipate.	Value Set	QDM Data Elements	Annual Update
Value set Esterified Estrogens / Methyltestosterone (2.16.840.1.113883.3.464.1003.196.12.1320): Added Esterified Estrogens / Methyltestosterone.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Chlorpheniramine / Dextromethorphan / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1321): Added Acetaminophen / Chlorpheniramine / Dextromethorphan / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Butalbital / Caffeine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1322): Added Aspirin / Butalbital / Caffeine / Codeine.	Value Set	QDM Data Elements	Annual Update
Value set Estradiol / Norethindrone (2.16.840.1.113883.3.464.1003.196.12.1323): Added Estradiol / Norethindrone.	Value Set	QDM Data Elements	Annual Update
Value set Conjugated Estrogens / Medroxyprogesterone (2.16.840.1.113883.3.464.1003.196.12.1324): Added Conjugated Estrogens / Medroxyprogesterone.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Dextromethorphan / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1325): Added Brompheniramine / Dextromethorphan / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Butalbital / Caffeine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1326): Added Acetaminophen / Butalbital / Caffeine / Codeine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1327): Added Brompheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1328): Added Acetaminophen / Chlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Dextromethorphan / Doxylamine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1329): Added Acetaminophen / Dextromethorphan / Doxylamine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Hydrocodone (2.16.840.1.113883.3.464.1003.196.12.1330): Added Chlorpheniramine / Hydrocodone.	Value Set	QDM Data Elements	Annual Update
Value set Methyldopa (2.16.840.1.113883.3.464.1003.196.12.1331): Added Methyldopa.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1332): Added Brompheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Trihexyphenidyl (2.16.840.1.113883.3.464.1003.196.12.1334): Added Trihexyphenidyl.	Value Set	QDM Data Elements	Annual Update
Value set Trimethobenzamide (2.16.840.1.113883.3.464.1003.196.12.1335): Added Trimethobenzamide.	Value Set	QDM Data Elements	Annual Update
Value set Clomipramine (2.16.840.1.113883.3.464.1003.196.12.1336): Added Clomipramine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Dextromethorphan / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1337): Added Chlorpheniramine / Dextromethorphan / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Dextromethorphan / Doxylamine (2.16.840.1.113883.3.464.1003.196.12.1338): Added Acetaminophen / Dextromethorphan / Doxylamine.	Value Set	QDM Data Elements	Annual Update

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Brompheniramine / Dextromethorphan / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1339): Added Brompheniramine / Dextromethorphan / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Codeine / Promethazine (2.16.840.1.113883.3.464.1003.196.12.1340): Added Codeine / Promethazine.	Value Set	QDM Data Elements	Annual Update
Value set Guanfacine (2.16.840.1.113883.3.464.1003.196.12.1341): Added Guanfacine.	Value Set	QDM Data Elements	Annual Update
Value set Megestrol (2.16.840.1.113883.3.464.1003.196.12.1342): Added Megestrol.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1343): Added Chlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Thioridazine (2.16.840.1.113883.3.464.1003.196.12.1344): Added Thioridazine.	Value Set	QDM Data Elements	Annual Update
Value set Pseudoephedrine / Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1345): Added Pseudoephedrine / Triprolidine.	Value Set	QDM Data Elements	Annual Update
Value set Naloxone / Pentazocine (2.16.840.1.113883.3.464.1003.196.12.1346): Added Naloxone / Pentazocine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Butalbital / Caffeine (2.16.840.1.113883.3.464.1003.196.12.1347): Added Aspirin / Butalbital / Caffeine.	Value Set	QDM Data Elements	Annual Update
Value set Phenobarbital (2.16.840.1.113883.3.464.1003.196.12.1348): Added Phenobarbital.	Value Set	QDM Data Elements	Annual Update
Value set Dipyrindamole (2.16.840.1.113883.3.464.1003.196.12.1349): Added Dipyrindamole.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1350): Added Acetaminophen / Diphenhydramine.	Value Set	QDM Data Elements	Annual Update
Value set Meperidine (2.16.840.1.113883.3.464.1003.196.12.1351): Added Meperidine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1352): Added Chlorpheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Nifedipine (2.16.840.1.113883.3.464.1003.196.12.1353): Added Nifedipine.	Value Set	QDM Data Elements	Annual Update
Value set Desiccated Thyroid (2.16.840.1.113883.3.464.1003.196.12.1354): Added Desiccated Thyroid.	Value Set	QDM Data Elements	Annual Update
Value set Atropine / Hyoscyamine / Phenobarbital / Scopolamine (2.16.840.1.113883.3.464.1003.196.12.1355): Added Atropine / Hyoscyamine / Phenobarbital / Scopolamine.	Value Set	QDM Data Elements	Annual Update
Value set Orphenadrine (2.16.840.1.113883.3.464.1003.196.12.1356): Added Orphenadrine.	Value Set	QDM Data Elements	Annual Update
Value set Conjugated Estrogens (2.16.840.1.113883.3.464.1003.196.12.1357): Added Conjugated Estrogens.	Value Set	QDM Data Elements	Annual Update
Value set Metaxalone (2.16.840.1.113883.3.464.1003.196.12.1358): Added Metaxalone.	Value Set	QDM Data Elements	Annual Update
Value set Imipramine (2.16.840.1.113883.3.464.1003.196.12.1359): Added Imipramine.	Value Set	QDM Data Elements	Annual Update
Value set Glyburide / Metformin (2.16.840.1.113883.3.464.1003.196.12.1360): Added Glyburide / Metformin.	Value Set	QDM Data Elements	Annual Update
Value set Benzotropine (2.16.840.1.113883.3.464.1003.196.12.1361): Added Benzotropine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorzoxazone (2.16.840.1.113883.3.464.1003.196.12.1362): Added Chlorzoxazone.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Butalbital / Caffeine (2.16.840.1.113883.3.464.1003.196.12.1363): Added Acetaminophen / Butalbital / Caffeine.	Value Set	QDM Data Elements	Annual Update
Value set Ketorolac Tromethamine (2.16.840.1.113883.3.464.1003.196.12.1364): Added Ketorolac Tromethamine.	Value Set	QDM Data Elements	Annual Update
Value set Estradiol (2.16.840.1.113883.3.464.1003.196.12.1365): Added Estradiol.	Value Set	QDM Data Elements	Annual Update
Value set Indomethacin (2.16.840.1.113883.3.464.1003.196.12.1366): Added Indomethacin.	Value Set	QDM Data Elements	Annual Update
Value set Promethazine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1367): Added Promethazine Hydrochloride.	Value Set	QDM Data Elements	Annual Update
Value set Glyburide (2.16.840.1.113883.3.464.1003.196.12.1368): Added Glyburide.	Value Set	QDM Data Elements	Annual Update

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Carisoprodol (2.16.840.1.113883.3.464.1003.196.12.1369): Added Carisoprodol.	Value Set	QDM Data Elements	Annual Update
Value set Methocarbamol (2.16.840.1.113883.3.464.1003.196.12.1370): Added Methocarbamol.	Value Set	QDM Data Elements	Annual Update
Value set Diphenhydramine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1371): Added Diphenhydramine Hydrochloride.	Value Set	QDM Data Elements	Annual Update
Value set Cyclobenzaprine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1372): Added Cyclobenzaprine Hydrochloride.	Value Set	QDM Data Elements	Annual Update
Value set Amitriptyline Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1373): Added Amitriptyline Hydrochloride.	Value Set	QDM Data Elements	Annual Update
Value set Hydroxyzine (2.16.840.1.113883.3.464.1003.196.12.1374): Added Hydroxyzine.	Value Set	QDM Data Elements	Annual Update
Value set Dexbrompheniramine (2.16.840.1.113883.3.464.1003.196.12.1375): Added Dexbrompheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Diphenhydramine Citrate (2.16.840.1.113883.3.464.1003.196.12.1376): Added Aspirin / Diphenhydramine Citrate.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Diphenhydramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1378): Added Acetaminophen / Diphenhydramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Doxylamine / Pyridoxine (2.16.840.1.113883.3.464.1003.196.12.1379): Added Doxylamine / Pyridoxine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1380): Added Aspirin / Chlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Chlorpheniramine / Dextromethorphan / Guaifenesin (2.16.840.1.113883.3.464.1003.196.12.1383): Added Acetaminophen / Chlorpheniramine / Dextromethorphan / Guaifenesin.	Value Set	QDM Data Elements	Annual Update
Value set Dexbrompheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1384): Added Dexbrompheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Phenylephrine / Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1385): Added Phenylephrine / Triprolidine.	Value Set	QDM Data Elements	Annual Update
Value set Bazedoxifene / Conjugated Estrogens (2.16.840.1.113883.3.464.1003.196.12.1386): Added Bazedoxifene / Conjugated Estrogens.	Value Set	QDM Data Elements	Annual Update
Value set Doxylamine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1387): Added Doxylamine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Aspirin / Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1388): Added Acetaminophen / Aspirin / Diphenhydramine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Brompheniramine (2.16.840.1.113883.3.464.1003.196.12.1389): Added Acetaminophen / Brompheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Dexchlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1391): Added Dexchlorpheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Diphenhydramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1392): Added Diphenhydramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Meperidine / Promethazine (2.16.840.1.113883.3.464.1003.196.12.1393): Added Meperidine / Promethazine.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin / Meprobamate (2.16.840.1.113883.3.464.1003.196.12.1394): Added Aspirin / Meprobamate.	Value Set	QDM Data Elements	Annual Update
Value set Diphenhydramine / Magnesium Salicylate (2.16.840.1.113883.3.464.1003.196.12.1395): Added Diphenhydramine / Magnesium Salicylate.	Value Set	QDM Data Elements	Annual Update

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Estradiol / Norgestimate Biphasic (2.16.840.1.113883.3.464.1003.196.12.1396): Added Estradiol / Norgestimate Biphasic.	Value Set	QDM Data Elements	Annual Update
Value set Dextromethorphan / Diphenhydramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1397): Added Dextromethorphan / Diphenhydramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Dienogest / Estradiol Multiphasic (2.16.840.1.113883.3.464.1003.196.12.1398): Added Dienogest / Estradiol Multiphasic.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Dextromethorphan / Diphenhydramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1399): Added Acetaminophen / Dextromethorphan / Diphenhydramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Doxylamine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1400): Added Acetaminophen / Doxylamine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Pentobarbital (2.16.840.1.113883.3.464.1003.196.12.1401): Added Pentobarbital.	Value Set	QDM Data Elements	Annual Update
Value set Butobarbital (2.16.840.1.113883.3.464.1003.196.12.1402): Added Butobarbital.	Value Set	QDM Data Elements	Annual Update
Value set Dexchlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1403): Added Dexchlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Dexbrompheniramine (2.16.840.1.113883.3.464.1003.196.12.1405): Added Acetaminophen / Dexbrompheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Diphenhydramine / Naproxen (2.16.840.1.113883.3.464.1003.196.12.1406): Added Diphenhydramine / Naproxen.	Value Set	QDM Data Elements	Annual Update
Value set Pentazocine (2.16.840.1.113883.3.464.1003.196.12.1407): Added Pentazocine.	Value Set	QDM Data Elements	Annual Update
Value set Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1408): Added Triprolidine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Codeine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1409): Added Brompheniramine / Codeine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Drospirenone / Estradiol (2.16.840.1.113883.3.464.1003.196.12.1410): Added Drospirenone / Estradiol.	Value Set	QDM Data Elements	Annual Update
Value set Atropine / Chlorpheniramine / Hyoscyamine / Pseudoephedrine / Scopolamine (2.16.840.1.113883.3.464.1003.196.12.1411): Added Atropine / Chlorpheniramine / Hyoscyamine / Pseudoephedrine / Scopolamine.	Value Set	QDM Data Elements	Annual Update
Value set Chlophedianol / Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1412): Added Chlophedianol / Chlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Mephobarbital (2.16.840.1.113883.3.464.1003.196.12.1413): Added Mephobarbital.	Value Set	QDM Data Elements	Annual Update
Value set Hydrochlorothiazide / Methyldopa (2.16.840.1.113883.3.464.1003.196.12.1414): Added Hydrochlorothiazide / Methyldopa.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Ibuprofen / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1416): Added Chlorpheniramine / Ibuprofen / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Esterified Estrogens (2.16.840.1.113883.3.464.1003.196.12.1419): Added Esterified Estrogens.	Value Set	QDM Data Elements	Annual Update
Value set Carbetapentane / Chlorpheniramine / Ephedrine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1420): Added Carbetapentane / Chlorpheniramine / Ephedrine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Acetaminophen / Chlorpheniramine / Dextromethorphan (2.16.840.1.113883.3.464.1003.196.12.1421): Added Acetaminophen / Chlorpheniramine / Dextromethorphan.	Value Set	QDM Data Elements	Annual Update
Value set Isoxsuprine (2.16.840.1.113883.3.464.1003.196.12.1422): Added Isoxsuprine.	Value Set	QDM Data Elements	Annual Update
Value set Dexchlorpheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1425): Added Dexchlorpheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Dexbrompheniramine / Dextromethorphan / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1426): Added Dexbrompheniramine / Dextromethorphan / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine (2.16.840.1.113883.3.464.1003.196.12.1427): Added Brompheniramine.	Value Set	QDM Data Elements	Annual Update
Value set Amitriptyline / Perphenazine (2.16.840.1.113883.3.464.1003.196.12.1428): Added Amitriptyline / Perphenazine.	Value Set	QDM Data Elements	Annual Update
Value set Dexbrompheniramine Maleate / Pseudoephedrine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1429): Added Dexbrompheniramine Maleate / Pseudoephedrine Hydrochloride.	Value Set	QDM Data Elements	Annual Update
Value set Dexbrompheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1430): Added Dexbrompheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Codeine / Pseudoephedrine / Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1431): Added Codeine / Pseudoephedrine / Triprolidine.	Value Set	QDM Data Elements	Annual Update
Value set Codeine / Dexchlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1433): Added Codeine / Dexchlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Dihydrocodeine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1434): Added Chlorpheniramine / Dihydrocodeine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlophedianol / Dexbrompheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1435): Added Chlophedianol / Dexbrompheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Codeine / Dexbrompheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1437): Added Codeine / Dexbrompheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Dexbrompheniramine / Dextromethorphan / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1438): Added Dexbrompheniramine / Dextromethorphan / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Codeine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1439): Added Chlorpheniramine / Codeine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlophedianol / Dexbrompheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1440): Added Chlophedianol / Dexbrompheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Acetaminophen / Dextromethorphan / Diphenhydramine (2.16.840.1.113883.3.464.1003.196.12.1441): Added Acetaminophen / Dextromethorphan / Diphenhydramine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Chlophedianol / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1443): Added Brompheniramine / Chlophedianol / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update

CMS156v6 - Use of High-Risk Medications in the Elderly

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Dextromethorphan / Doxylamine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1444): Added Dextromethorphan / Doxylamine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Chlophedianol / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1445): Added Brompheniramine / Chlophedianol / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Codeine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1446): Added Chlorpheniramine / Codeine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Chlophedianol / Dexchlorpheniramine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1447): Added Chlophedianol / Dexchlorpheniramine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Doxylamine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1448): Added Doxylamine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Codeine / Pseudoephedrine (2.16.840.1.113883.3.464.1003.196.12.1450): Added Brompheniramine / Codeine / Pseudoephedrine.	Value Set	QDM Data Elements	Annual Update
Value set Dextromethorphan / Doxylamine (2.16.840.1.113883.3.464.1003.196.12.1452): Added Dextromethorphan / Doxylamine.	Value Set	QDM Data Elements	Annual Update
Value set Chlorpheniramine / Phenylephrine / Phenyltoloxamine (2.16.840.1.113883.3.464.1003.196.12.1453): Added Chlorpheniramine / Phenylephrine / Phenyltoloxamine.	Value Set	QDM Data Elements	Annual Update
Value set Brompheniramine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1455): Added Brompheniramine / Codeine.	Value Set	QDM Data Elements	Annual Update
Value set Carbetapentane / Chlorpheniramine / Phenylephrine (2.16.840.1.113883.3.464.1003.196.12.1472): Added Carbetapentane / Chlorpheniramine / Phenylephrine.	Value Set	QDM Data Elements	Annual Update
Value set Nonbenzodiazepine Hypnotics (2.16.840.1.113883.3.464.1003.196.12.1480): Added Nonbenzodiazepine Hypnotics.	Value Set	QDM Data Elements	Annual Update
Value set Anti-Infectives, other (2.16.840.1.113883.3.464.1003.196.12.1481): Added Anti-Infectives, other.	Value Set	QDM Data Elements	Annual Update
Value set Estradiol / Levonorgestrel (2.16.840.1.113883.3.464.1003.196.12.1483): Added Estradiol / Levonorgestrel.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Ophthalmologic Outpatient Visit (2.16.840.1.113883.3.464.1003.101.11.1206): Removed Ophthalmologic Outpatient Visit.	Value Set	QDM Data Elements	Annual Update
Value set Trimipramine (2.16.840.1.113883.3.464.1003.196.12.1285): Deleted 3 RXNORM codes (199820, 245373, 313497).	Value Set	QDM Data Elements	2018 Addendum
Value set Ergoloid Mesylates (2.16.840.1.113883.3.464.1003.196.12.1288): Deleted 2 RXNORM codes (197647, 310143).	Value Set	QDM Data Elements	2018 Addendum
Value set Doxylamine (2.16.840.1.113883.3.464.1003.196.12.1290): Deleted 3 RXNORM codes (1101439, 1101457, 1242582).	Value Set	QDM Data Elements	2018 Addendum

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Amobarbital (2.16.840.1.113883.3.464.1003.196.12.1297): Deleted 1 RXNORM code (308169).	Value Set	QDM Data Elements	2018 Addendum
Value set Carbinoxamine (2.16.840.1.113883.3.464.1003.196.12.1306): Deleted 2 RXNORM codes (1010696, 1374770).	Value Set	QDM Data Elements	2018 Addendum
Value set Clemastine (2.16.840.1.113883.3.464.1003.196.12.1308): Deleted 2 RXNORM codes (857420, 857430).	Value Set	QDM Data Elements	2018 Addendum
Value set Acetaminophen / Butalbital (2.16.840.1.113883.3.464.1003.196.12.1317): Added 2 RXNORM codes (1249617, 1724446).	Value Set	QDM Data Elements	2018 Addendum
Value set Acetaminophen / Butalbital / Caffeine / Codeine (2.16.840.1.113883.3.464.1003.196.12.1326): Added 1 RXNORM code (1431286).	Value Set	QDM Data Elements	2018 Addendum
Value set Trihexyphenidyl (2.16.840.1.113883.3.464.1003.196.12.1334): Deleted 1 RXNORM code (905273).	Value Set	QDM Data Elements	2018 Addendum
Value set Clomipramine (2.16.840.1.113883.3.464.1003.196.12.1336): Deleted 3 RXNORM codes (857291, 857296, 857315).	Value Set	QDM Data Elements	2018 Addendum
Value set Megestrol (2.16.840.1.113883.3.464.1003.196.12.1342): Deleted 2 RXNORM codes (577154, 860231).	Value Set	QDM Data Elements	2018 Addendum
Value set Phenobarbital (2.16.840.1.113883.3.464.1003.196.12.1348): Deleted 1 RXNORM code (702519).	Value Set	QDM Data Elements	2018 Addendum
Value set Dipyridamole (2.16.840.1.113883.3.464.1003.196.12.1349): Deleted 3 RXNORM codes (199314, 309953, 333833).	Value Set	QDM Data Elements	2018 Addendum
Value set Nifedipine (2.16.840.1.113883.3.464.1003.196.12.1353): Deleted 3 RXNORM codes (199329, 199782, 314132).	Value Set	QDM Data Elements	2018 Addendum
Value set Desiccated Thyroid (2.16.840.1.113883.3.464.1003.196.12.1354): Deleted 8 RXNORM codes (1537837, 198276, 198280, 200330, 200331, 200332, 284437, 284438).	Value Set	QDM Data Elements	2018 Addendum
Value set Atropine / Hyoscyamine / Phenobarbital / Scopolamine (2.16.840.1.113883.3.464.1003.196.12.1355): Added 1 RXNORM code (1048147).	Value Set	QDM Data Elements	2018 Addendum
Value set Orphenadrine (2.16.840.1.113883.3.464.1003.196.12.1356): Deleted 2 RXNORM codes (994541, 994824).	Value Set	QDM Data Elements	2018 Addendum
Value set Benztropine (2.16.840.1.113883.3.464.1003.196.12.1361): Deleted 1 RXNORM code (885205).	Value Set	QDM Data Elements	2018 Addendum
Value set Indomethacin (2.16.840.1.113883.3.464.1003.196.12.1366): Deleted 3 RXNORM codes (197819, 199549, 346508).	Value Set	QDM Data Elements	2018 Addendum
Value set Diphenhydramine Hydrochloride (2.16.840.1.113883.3.464.1003.196.12.1371): Deleted 1 RXNORM code (477245).	Value Set	QDM Data Elements	2018 Addendum
Value set Pentazocine (2.16.840.1.113883.3.464.1003.196.12.1407): Deleted 3 RXNORM codes (1811473, 199789, 250485).	Value Set	QDM Data Elements	2018 Addendum
Value set Triprolidine (2.16.840.1.113883.3.464.1003.196.12.1408): Deleted 2 RXNORM codes (1099788, 1490671).	Value Set	QDM Data Elements	2018 Addendum
Value set Conjugated Estrogens / Medroxyprogesterone (2.16.840.1.113883.3.464.1003.196.12.1324): Deleted 5 RXNORM codes (1000395, 1000398, 1000486, 1000490, 1000496).	Value Set	QDM Data Elements	2018 Addendum
Value set Guanfacine (2.16.840.1.113883.3.464.1003.196.12.1341): Deleted 1 RXNORM code (1092566).	Value Set	QDM Data Elements	2018 Addendum
Value set Chlorpheniramine (2.16.840.1.113883.3.464.1003.196.12.1352): Deleted 2 RXNORM codes (1363306, 1673791).	Value Set	QDM Data Elements	2018 Addendum

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Conjugated Estrogens (2.16.840.1.113883.3.464.1003.196.12.1357): Deleted 1 RXNORM code (688240).	Value Set	QDM Data Elements	2018 Addendum
Value set Ketorolac Tromethamine (2.16.840.1.113883.3.464.1003.196.12.1364): Deleted 9 RXNORM codes (1540230, 1665459, 1665461, 1665675, 1665679, 1665682, 860113, 860114, 860115).	Value Set	QDM Data Elements	2018 Addendum
Value set Estradiol (2.16.840.1.113883.3.464.1003.196.12.1365): Deleted 6 RXNORM codes (153444, 204407, 226597, 251098, 483169, 978948).	Value Set	QDM Data Elements	2018 Addendum
Value set Hydroxyzine (2.16.840.1.113883.3.464.1003.196.12.1374): Deleted 6 RXNORM codes (1794552, 1794554, 995241, 995270, 995274, 995428).	Value Set	QDM Data Elements	2018 Addendum
Value set Mephobarbital (2.16.840.1.113883.3.464.1003.196.12.1413): Deleted 1 RXNORM code (199341).	Value Set	QDM Data Elements	2018 Addendum
Value set Brompheniramine (2.16.840.1.113883.3.464.1003.196.12.1427): Deleted 4 RXNORM codes (1356848, 359281, 477587, 731032).	Value Set	QDM Data Elements	2018 Addendum
Value set High Risk Medications for the Elderly (2.16.840.1.113883.3.464.1003.196.12.1253): Added 4 RXNORM codes (1249617, 1724446, 1431286, 1048147) and deleted 90 RXNORM codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Meperidine (2.16.840.1.113883.3.464.1003.196.12.1351): Deleted 9 RXNORM codes (1665685, 1665690, 1665699, 1665701, 861473, 861479, 861482, 861493, 861494).	Value Set	QDM Data Elements	2018 Addendum

CMS157v6 - Oncology: Medical and Radiation – Pain Intensity Quantified

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated Reference.	Header	Reference	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Chemotherapy Administration (2.16.840.1.113883.3.526.3.1027): Added 1 SNOMEDCT code (716872004) and deleted 1 SNOMEDCT code (69960004).	Value Set	QDM Data Elements	Annual Update
Value set Cancer (2.16.840.1.113883.3.526.3.1010): Added 5 SNOMEDCT codes (107691000119101, 713718006, 713897006, 81000119104, 86406008).	Value Set	QDM Data Elements	Annual Update
Value set Cancer (2.16.840.1.113883.3.526.3.1010): Added 4 ICD10CM codes (C96.20, C96.21, C96.22, C96.29).	Value Set	QDM Data Elements	2018 Addendum
Value set Radiation Treatment Management (2.16.840.1.113883.3.526.3.1026): Deleted 1 CPT code (77470).	Value Set	QDM Data Elements	2018 Addendum

CMS158v6 - Pregnant women that had HBsAg testing

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Rationale.	Header	Rationale	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Value set Delivery - Diagnosis (2.16.840.1.113883.3.67.1.101.1.278): Deleted 350 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Hepatitis B (2.16.840.1.113883.3.67.1.101.1.269): Deleted 9 ICD9CM codes (070.20, 070.21, 070.22, 070.23, 070.30, 070.31, 070.32, 070.33, V02.61).	Value Set	QDM Data Elements	Annual Update
Value set Delivery - Procedure (2.16.840.1.113762.1.4.1078.5): Deleted 37 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Hepatitis B (2.16.840.1.113883.3.67.1.101.1.269): Deleted 2 SNOMEDCT codes (29062009, 424460009).	Value Set	QDM Data Elements	2018 Addendum
Value set Delivery - Procedure (2.16.840.1.113762.1.4.1078.5): Added 2 ICD10PCS codes (10D17Z9, 10D18Z9).	Value Set	QDM Data Elements	2018 Addendum

CMS159v6 - Depression Remission at Twelve Months

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Simplified the Description statement by removing unnecessary verbiage.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Rationale.	Header	Rationale	Measure Lead
Expanded the Clinical Recommendation Statement to provide more relevant, useful and detailed information.	Header	Clinical Recommendation Statement	Measure Lead
Updated References.	Header	Reference	Measure Lead
Updated the Definition to clarify the index date and the measure assessment period, which is 13 months (12 months +/- 30 days).	Header	Definition	Measure Lead
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Initial Population	QDM Standards
Updated the encounter numeric month timings in the \$DepressionEncounter, \$DepressionF2FSnomed, and \$DepressionEncounterBH variables from '< 12 month(s) ends before end of Measurement Period' to '< 13 month(s) ends before end of Measurement Period' to more accurately reflect the measure intent.	Logic	Initial Population	Measure Lead
Updated palliative care criteria in the Denominator Exclusions to harmonize across measures.	Logic	Denominator Exclusions	JIRA (CQM-2005)
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Dysthymia (2.16.840.1.113883.3.67.1.101.1.254): Deleted 1 ICD9CM code (300.4).	Value Set	QDM Data Elements	Annual Update
Value set PHQ-9 Tool (2.16.840.1.113883.3.67.1.101.11.723): Deleted 3 LOINC codes (44249-1, 44257-4, 54635-8).	Value Set	QDM Data Elements	Annual Update
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Deleted 14 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Face to Face Interaction - No ED (2.16.840.1.113762.1.4.1080.1): Deleted 3 SNOMEDCT codes (12843005, 18170008, 87790002).	Value Set	QDM Data Elements	Annual Update
Value set Palliative Care (2.16.840.1.113883.3.600.1.1579): Added Palliative Care.	Value Set	QDM Data Elements	Annual Update
Value set Palliative care encounter (2.16.840.1.113883.3.600.1.1575): Added Palliative care encounter.	Value Set	QDM Data Elements	Annual Update
Value set Palliative Care (2.16.840.1.113883.3.526.3.1024): Removed Palliative Care.	Value Set	QDM Data Elements	Annual Update
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Added 6 SNOMEDCT codes (719592004, 720451004, 720452006, 720453001, 720454007, 720455008).	Value Set	QDM Data Elements	2018 Addendum

CMS160v6 - Depression Utilization of the PHQ-9 Tool

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Revised the Description statement to clarify that the PHQ-9 assessment must be completed during each applicable 4-month period in which there was a qualifying visit.	Header	Description	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Rationale.	Header	Rationale	Measure Lead
Expanded the Clinical Recommendation Statement to provide more relevant, useful and detailed information.	Header	Clinical Recommendation	Measure Lead
Updated References.	Header	Reference	Measure Lead
Added a Definition statement to clarify 'Completed PHQ-9.'	Header	Definition	Measure Lead
Added Guidance clarifying that a patient may need to be reported in more than one of the 4-month periods within the measurement period if a qualifying encounter and diagnosis exist.	Header	Guidance	Measure Lead
Updated palliative care criteria in the Denominator Exclusions to harmonize across measures.	Logic	Denominator Exclusions	JIRA (CQM-2005)
Replaced 'Risk Category Assessment' datatype with 'Assessment, Performed' datatype to conform with QDM 4.3 changes.	Logic	Numerator	QDM Standards
Value set Dysthymia (2.16.840.1.113883.3.67.1.101.1.254): Deleted 1 ICD9CM code (300.4).	Value Set	QDM Data Elements	Annual Update
Value set PHQ-9 Tool (2.16.840.1.113883.3.67.1.101.11.723): Deleted 3 LOINC codes (44249-1, 44257-4, 54635-8).	Value Set	QDM Data Elements	Annual Update
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Deleted 14 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Face to Face Interaction - No ED (2.16.840.1.113762.1.4.1080.1): Deleted 3 SNOMEDCT codes (12843005, 18170008, 87790002).	Value Set	QDM Data Elements	Annual Update
Value set Palliative Care (2.16.840.1.113883.3.600.1.1579): Added Palliative Care.	Value Set	QDM Data Elements	Annual Update
Value set Palliative care encounter (2.16.840.1.113883.3.600.1.1575): Added Palliative care encounter.	Value Set	QDM Data Elements	Annual Update
Value set Palliative Care (2.16.840.1.113883.3.526.3.1024): Removed Palliative Care.	Value Set	QDM Data Elements	Annual Update
Value set Major Depression Including Remission (2.16.840.113883.3.67.1.101.3.2444): Added 6 SNOMEDCT codes (719592004, 720451004, 720452006, 720453001, 720454007, 720455008).	Value Set	QDM Data Elements	2018 Addendum

CMS161v6 - Adult Major Depressive Disorder (MDD): Suicide Risk Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Added Guidance per clinical experts' recommendations to incorporate a look-back period to more definitively identify recurrent episodes of Major Depressive Disorder.	Header	Guidance	Measure Lead
Added an AND/AND NOT logic structure to more definitively identify recurrent episodes with a look-back period, per clinical experts' recommendations.	Logic	Initial Population	JIRA (CQM-1915)
Removed data element 'Diagnosis: Major Depressive Disorder-Active' from the Initial Population logic. Modified variable logic by adding an attribute for diagnosis of MDD to ensure the encounter(s) are MDD related.	Logic	Initial Population	JIRA (CQM-1915)
Value set Major Depressive Disorder-Active (2.16.840.1.113883.3.526.3.1491): Added 1 ICD10CM code (F32.89).	Value Set	QDM Data Elements	Annual Update

CMS164v6 - Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Value set Acute Myocardial Infarction (2.16.840.1.113883.3.464.1003.104.12.1001): Deleted 1 SNOMEDCT code (194798004). Deleted 31 ICD9CM codes. Deleted 15 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Percutaneous Coronary Interventions (2.16.840.1.113883.3.464.1003.104.12.1010): Added HCPCS extensional value set (2.16.840.1.113883.3.464.1003.104.11.1027) including 5 codes.	Value Set	QDM Data Elements	Annual Update
Value set Aspirin and Other Antiplatelets (2.16.840.1.113883.3.464.1003.196.12.1211): Added 1 RXNORM code (259081) and deleted 3 RXNORM codes (1537021, 198477, 349516).	Value Set	QDM Data Elements	Annual Update
Value set Anticoagulant Medications (2.16.840.1.113883.3.464.1003.196.12.1283): Added 1 RXNORM code (855350) and deleted 10 RXNORM codes (1110708, 1362024, 1362026, 1362027, 1362029, 1362030, 1362051, 1362935, 1366636, 855308).	Value Set	QDM Data Elements	Annual Update
Value set Ischemic Vascular Disease (2.16.840.1.113883.3.464.1003.104.12.1003): Deleted 6 ICD9CM codes (444.1, 444.21, 444.22, 444.81, 444.89, 444.9). Deleted 77 ICD10CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Acute Myocardial Infarction (2.16.840.1.113883.3.464.1003.104.12.1001): Added 3 SNOMEDCT codes (15713081000119108, 15713121000119105, 703164000). Added 3 ICD10CM codes (I21.9, I21.A1, I21.A9).	Value Set	QDM Data Elements	2018 Addendum
Value set Aspirin and Other Antiplatelets (2.16.840.1.113883.3.464.1003.196.12.1211): Deleted 2 RXNORM codes (308414, 646434).	Value Set	QDM Data Elements	2018 Addendum
Value set Anticoagulant Medications (2.16.840.1.113883.3.464.1003.196.12.1283): Added 3 RXNORM codes (1361048, 1549683, 1798389).	Value Set	QDM Data Elements	2018 Addendum
Value set Ischemic Vascular Disease (2.16.840.1.113883.3.464.1003.104.12.1003): Added 24 SNOMEDCT codes and deleted 6 SNOMEDCT codes (433901000124101, 434991000124105, 442693003, 442735001, 45281005, 8001000119106).	Value Set	QDM Data Elements	2018 Addendum

CMS165v6 - Controlling High Blood Pressure

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated References.	Header	Reference	Measure Lead
Updated the exclusion statement in the header to exclude patients in hospice care from the Denominator. Measures that focus on screenings and procedures may not be appropriate or a priority for those who are at end of life (ie, on hospice).	Header	Denominator Exclusions	Measure Lead
Replaced the 'starts before start of' and 'starts before end of' logical operator to address situations where time stamps are not attached to procedures, diagnosis, and immunizations. Wherever applicable, the operators have been changed to 'starts before or concurrent with start of' or 'starts before or concurrent with end of' respectively.	Logic	Initial Population	JIRA (CQM-1936)
Added new lines of logic to the Denominator Exclusions for all NCOA-stewarded measures (except CMS82) to ensure patients in hospice care are excluded from the Denominator.	Logic	Denominator Exclusions	Measure Lead
Removed 'Other Services Related to Dialysis' and 'Dialysis Education' interventions from the list of Denominator Exclusions to remove proxies for dialysis.	Logic	Denominator Exclusions	Measure Lead
Updated the logic to ensure the BP reading takes place after the diagnosis of essential hypertension to meet the measure intent.	Logic	Numerator	Measure Lead
Value set Kidney Transplant (2.16.840.1.113883.3.464.1003.109.12.1012): Deleted 1 SNOMEDCT code (48994000).	Value Set	QDM Data Elements	Annual Update
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Deleted 550 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set Encounter Inpatient (2.16.840.1.113883.3.666.5.307): Added Encounter Inpatient.	Value Set	QDM Data Elements	Annual Update
Value set Hospice care ambulatory (2.16.840.1.113762.1.4.1108.15): Added Hospice care ambulatory.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Health Care Facility for Hospice Care (2.16.840.1.113883.3.117.1.7.1.207): Added Discharged to Health Care Facility for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Discharged to Home for Hospice Care (2.16.840.1.113883.3.117.1.7.1.209): Added Discharged to Home for Hospice Care.	Value Set	QDM Data Elements	Annual Update
Value set Dialysis Education (2.16.840.1.113883.3.464.1003.109.12.1016): Removed Dialysis Education.	Value Set	QDM Data Elements	Annual Update
Value set Other Services Related to Dialysis (2.16.840.1.113883.3.464.1003.109.12.1015): Removed Other Services Related to Dialysis.	Value Set	QDM Data Elements	Annual Update
Value set Dialysis Services (2.16.840.1.113883.3.464.1003.109.12.1013): Added 1 SNOMEDCT code (714749008).	Value Set	QDM Data Elements	Annual Update
Value set ESRD Monthly Outpatient Services (2.16.840.1.113883.3.464.1003.109.12.1014): Added 10 CPT codes (90951, 90952, 90953, 90954, 90955, 90956, 90963, 90964, 90967, 90968).	Value Set	QDM Data Elements	2018 Addendum
Value set Pregnancy (2.16.840.1.113883.3.526.3.378): Added 12 ICD10CM codes.	Value Set	QDM Data Elements	2018 Addendum

CMS167v6 - Diabetic Retinopathy: Documentation of Presence or Absence of Macular Edema and Level of Severity of Retinopathy

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Updated Reference.	Header	Reference	Measure Lead
Updated Guidance.	Header	Guidance	Measure Lead
Value set Patient Reason (2.16.840.1.113883.3.526.3.1008): Added 1 SNOMEDCT code (713247000) and deleted 1 SNOMEDCT code (258147002).	Value Set	QDM Data Elements	Annual Update

CMS169v6 - Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Revised logic to avoid omitting from the measure those qualifying patients who had only BH Outpatient Psychotherapy encounters. Updated the Initial Population and Numerator to specify that the treatment may occur after the BH Outpatient encounter OR the BH Outpatient Psychotherapy encounter.	Logic	Initial Population	Measure Lead
Revised logic to avoid omitting from the measure those qualifying patients who had only BH Outpatient Psychotherapy encounters. Updated the Initial Population and Numerator to specify that the treatment may occur after the BH Outpatient encounter OR the BH Outpatient Psychotherapy encounter.	Logic	Numerator	Measure Lead
Value set BH Electroconvulsive Therapy (2.16.840.1.113883.3.1257.1.1533): Deleted 2 ICD9CM codes (94.26, 94.27).	Value Set	QDM Data Elements	Annual Update
Value set BH Outpatient Psychotherapy (2.16.840.1.113883.3.1257.1.973): Deleted 16 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set BH Outpatient encounter (2.16.840.1.113883.3.464.1.49): Deleted 9 ICD9CM codes (89.01, 89.02, 89.03, 89.04, 89.05, 89.06, 89.07, 89.08, 89.09).	Value Set	QDM Data Elements	Annual Update
Value set BH Condition Involving Bipolar Disorder (2.16.840.1.113883.3.1257.1.1504): Deleted 36 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set BH Condition Involving Unipolar Depression (2.16.840.1.113883.3.1257.1.1505): Deleted 14 ICD9CM codes.	Value Set	QDM Data Elements	Annual Update
Value set BH Antidepressant Medication (2.16.840.1.113883.3.1257.1.972): Added 8 RXNORM codes (1738483, 1738495, 1738503, 1738511, 1738515, 1738519, 1738523, 1738527) and deleted 5 RXNORM codes (312239, 312240, 309671, 309672, 835582).	Value Set	QDM Data Elements	Annual Update
Value set BH Mood Stabilizer Medication (2.16.840.1.113883.3.1257.1.950): Deleted 1 RXNORM code (312325).	Value Set	QDM Data Elements	2018 Addendum
Value set BH Antidepressant Medication (2.16.840.1.113883.3.1257.1.972): Deleted 8 RXNORM codes (312241, 312243, 312244, 314199, 562790, 562791, 803293, 562815).	Value Set	QDM Data Elements	2018 Addendum

CMS177v6 - Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Incremented eMeasure Version number.	Header	eMeasure Version number	Measure Lead
Updated Copyright.	Header	Copyright	Annual Update
Updated Disclaimer.	Header	Disclaimer	Measure Lead
Updated Clinical Recommendation Statement.	Header	Clinical Recommendation Statement	Measure Lead
Removed data element 'Diagnosis: Major Depressive Disorder-Active' from the Initial Population logic. Modified variable logic by adding an attribute for diagnosis of MDD to ensure the encounter(s) are MDD related.	Logic	Initial Population	Measure Lead
Value set Major Depressive Disorder-Active (2.16.840.1.113883.3.526.3.1491): Added 1 ICD10CM code (F32.89).	Value Set	QDM Data Elements	Annual Update

CMS347v1 - Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Value set Hepatitis B (2.16.840.1.113883.3.67.1.101.1.269): Deleted 2 SNOMEDCT codes (29062009, 424460009).	Value Set	QDM Data Elements	2018 Addendum
Value set Myocardial Infarction (2.16.840.1.113883.3.526.3.403): Added 3 ICD10CM codes (I21.9, I21.A1, I21.A9).	Value Set	QDM Data Elements	2018 Addendum
Value set High intensity statin therapy (2.16.840.1.113762.1.4.1047.97): Deleted 2 RXNORM codes (1422096, 1422099).	Value Set	QDM Data Elements	2018 Addendum
Value set Moderate intensity statin therapy (2.16.840.1.113762.1.4.1047.98): Deleted 2 RXNORM codes (1422086, 1422093).	Value Set	QDM Data Elements	2018 Addendum
Value set Low intensity statin therapy (2.16.840.1.113762.1.4.1047.107): Deleted 1 RXNORM code (433848).	Value Set	QDM Data Elements	2018 Addendum
Value set Carotid Intervention (2.16.840.1.113883.3.117.1.7.1.204): Added 318 ICD10PCS codes.	Value Set	QDM Data Elements	2018 Addendum
Value set Pregnancy Dx (2.16.840.1.113883.3.600.1.1623): Added 28 ICD10CM codes and deleted 5 ICD10CM codes (O00.10, O00.11, O00.20, O00.21, Z36).	Value Set	QDM Data Elements	2018 Addendum
Value set Preventive Care Services - Other (2.16.840.1.113883.3.464.1003.101.12.1030): Deleted 1 CPT code (99420).	Value Set	QDM Data Elements	2018 Addendum
Value set Diabetes (2.16.840.1.113883.3.464.1003.103.12.1001): Added 2 ICD10CM codes (E11.10, E11.11). Added 21 SNOMEDCT codes.	Value Set	QDM Data Elements	2018 Addendum