



Centers for Medicare & Medicaid Services

Technical Release Notes: 2026 Reporting Period Hybrid Measures for Hospitals - Inpatient

May 2025

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CMS529v6 - Core Clinical Data Elements for the Hybrid Hospital-Wide Readmission Measure with Claims and Electronic Health Record Data - HWR

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated 'eCQM Identifier (Measure Authoring Tool)' field to 'CMS ID' based on tooling update.	Header	CMS ID	Standards/Technical Update
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated measurement period to reflect exact dates of reporting.	Header	Measurement Period	Standards/Technical Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the Measure Type field to read 'Outcome' based on a tooling update.	Header	Measure Type	Measure Lead
Removed linking variable for National Provider Identifier (NPI) for Medicare Advantage patients to streamline data collection.	Header	Rationale	Measure Lead
Added a supplemental data element to collect information on whether patients were administered oxygen therapy in the 60 minutes prior to an emergency department (ED) encounter or during an ED encounter.	Header	Guidance	Measure Lead
Clarified that the logic extracts the first vital signs and laboratory tests, where the result is not null, during a patient encounter or episode of care.	Header	Guidance	Measure Lead
Removed linking variable for National Provider Identifier (NPI) for Medicare Advantage patients to streamline data collection.	Header	Guidance	Measure Lead
Updated guidance to note the expanded timing for the capture of core clinical data elements to anytime during the encounter or episode of care.	Header	Guidance	Measure Lead
Added clarification to the Guidance field noting that results from this hybrid measure need to be combined with claims data to calculate an outcome.	Header	Guidance	Measure Lead
Updated Unified Code for Units of Measure (UCUM) units for oxygen to clarify the unit for submission of the oxygen core clinical data element.	Header	Guidance	Measure Lead
Updated guidance to note the expanded timing for the capture of core clinical data elements to anytime during the encounter or episode of care.	Header	Supplemental Data Elements	Measure Lead
Updated guidance for supplemental data elements to note that hospitals may choose to submit all or only report the first resulted value for each core clinical data element collected in the appropriate timeframe.	Header	Supplemental Data Elements	Measure Lead
Updated the Guidance, Rationale, and Supplemental Data Elements fields to request that hospitals submit the first valid resulted core clinical data element that is not null to improve achievement of reporting thresholds.	Header	Multiple Sections	Measure Lead
Added a logic definition, 'SDE Oxygen 60 Minutes Or Less Prior To ED Admission Or During ED,' for a supplemental data element to capture information on whether patients were administered oxygen therapy in the 60 minutes prior to an emergency department (ED) encounter or during an ED encounter.	Logic	Definitions	Measure Lead
Updated the CQL library name from 'CMS529-v5-5-000-QDM-5-6.cql' to 'CMS529HybridHospitalWideReadmission-6.2.000.cql' based on recommendation by technical experts.	Logic	Definitions	Standards/Technical Update
Revised logic to capture the first resulted core clinical data elements anytime during the patient encounter or episode of care.	Logic	Definitions	Measure Lead
Updated the version number of the Global Shared Library to v9.0.000 and the library name from 'MATGlobalCommonFunctionsQDM' to 'CQMCommonQDM'.	Logic	Definitions	Annual Update
Refined logic functions to capture only core clinical data element values that are not null.	Logic	Functions	Measure Lead

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Technical Release Notes	Type of TRN	Measure Section	Source of Change
Revised logic to capture the first resulted core clinical data elements anytime during the patient encounter or episode of care.	Logic	Functions	Measure Lead
Updated the version number of the Global Shared Library to v9.0.000 and the library name from 'MATGlobalCommonFunctionsQDM' to 'CQMCommonQDM'.	Logic	Functions	Annual Update
Replaced value set used for Sex Supplemental Data Element (SDE) ONC Administrative Sex (2.16.840.1.113762.1.4.1) with value set Federal Administrative Sex (2.16.840.1.113762.1.4.1021.121) based on updated standards.	Value Set	Terminology	Standards/Technical Update
Value set Body Temperature (2.16.840.1.113762.1.4.1045.152): Added 4 LOINC codes (104063-3, 8330-3, 8334-5, 91371-5) based on terminology update. Added 1 LOINC code (60836-4) based on review by technical experts, SMEs, and/or public feedback.	Value Set	Terminology	Measure Lead
Value set Creatinine Lab Test (2.16.840.1.113883.3.666.5.2363): Added 1 LOINC code (101475-2) based on new or changed coding guidelines. Deleted 1 LOINC code (35203-9) based on new or changed coding guidelines.	Value Set	Terminology	Annual Update
Value set Glucose Lab Test (2.16.840.1.113762.1.4.1045.134): Added 2 LOINC codes (101476-0, 104597-0) based on review by technical experts, SMEs, and/or public feedback. Added 3 LOINC codes (104598-8, 104655-6, 35184-1) based on terminology update.	Value Set	Terminology	Measure Lead
Value set Hematocrit Lab Test (2.16.840.1.113762.1.4.1045.114): Added 1 LOINC code (104826-3) based on terminology update.	Value Set	Terminology	Annual Update
Added value set Non Invasive Oxygen Therapy by Nasal Cannula or Mask (2.16.840.1.113762.1.4.1248.209) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead
Added value set Non Invasive Oxygen Therapy Device Codes (2.16.840.1.113762.1.4.1170.57) based on change in measure requirements/measure specification.	Value Set	Terminology	Measure Lead

CMS844v6 - Core Clinical Data Elements for the Hybrid Hospital-Wide All-Condition All-Procedure Risk-Standardized Mortality Measure - HWM

Technical Release Notes	Type of TRN	Measure Section	Source of Change
Updated 'eCQM Identifier (Measure Authoring Tool)' field to 'CMS ID' based on tooling update.	Header	CMS ID	Standards/Technical Update
Updated the eCQM version number.	Header	eCQM Version Number	Annual Update
Updated measurement period to reflect exact dates of reporting.	Header	Measurement Period	Standards/Technical Update
Updated copyright.	Header	Copyright	Annual Update
Updated disclaimer.	Header	Disclaimer	Annual Update
Updated the Measure Type field to read 'Outcome' based on a tooling update.	Header	Measure Type	Measure Lead
Removed linking variable for National Provider Identifier (NPI) for Medicare Advantage patients to streamline data collection.	Header	Rationale	Measure Lead
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Clarified that the logic extracts the first vital signs and laboratory tests, where the result is not null, during a patient encounter or episode of care.	Header	Guidance	Measure Lead
Removed linking variable for National Provider Identifier (NPI) for Medicare Advantage patients to streamline data collection.	Header	Guidance	Measure Lead
Updated guidance for reported values that cannot be converted to Unified Code for Units of Measure (UCUM) units, clarifying that each of these values will be set to missing and the median value reported for that core clinical data element will be used for calculation in its place.	Header	Guidance	Measure Lead
Updated guidance to note the expanded timing for the capture of core clinical data elements to anytime during the encounter or episode of care.	Header	Guidance	Measure Lead
Added clarification to the Guidance field noting that results from this hybrid measure need to be combined with claims data to calculate an outcome.	Header	Guidance	Measure Lead
Updated guidance to note the expanded timing for the capture of core clinical data elements to anytime during the encounter or episode of care.	Header	Supplemental Data Elements	Measure Lead
Updated guidance for supplemental data elements to note that hospitals may choose to submit all or only report the first resulted value for each core clinical data element collected in the appropriate timeframe.	Header	Supplemental Data Elements	Measure Lead
Updated grammar, wording, and/or formatting to improve readability and consistency.	Header	Multiple Sections	Annual Update
Updated the Guidance, Rationale, and Supplemental Data Elements fields to request that hospitals submit the first valid resulted core clinical data element that is not null to improve achievement of reporting thresholds.	Header	Multiple Sections	Measure Lead
Added a logic definition, 'SDE Oxygen 60 Minutes Or Less Prior To ED Admission Or During ED,' for a supplemental data element to capture information on whether patients were administered oxygen therapy in the 60 minutes prior to an emergency department (ED) encounter or during an ED encounter.	Logic	Definitions	Measure Lead
Updated the CQL library name from 'CMS844-v5-5-000-QDM-5-6.cql' to 'CMS844HybridHospitalWideMortality-6.3.000.cql' based on recommendation by technical experts.	Logic	Definitions	Standards/Technical Update
Revised logic to capture the first resulted core clinical data elements anytime during the patient encounter or episode of care.	Logic	Definitions	Measure Lead
Updated the version number of the Global Shared Library to v9.0.000 and the library name from 'MATGlobalCommonFunctionsQDM' to 'CQMCommonQDM'.	Logic	Definitions	Annual Update

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