



**eCQM 101 - Getting Started with
Electronic Clinical Quality Measures
for Quality Reporting Programs
CMS Specifics**

December 2023

eCQM 101 Overview

- Where do I find which eCQMs are used in Centers for Medicare & Medicaid Services (CMS) quality programs?
- Where do I go for help regarding use of eCQMs in CMS Quality programs?
- What and how do I report eCQMs to CMS?

Where do I find which eCQMs are used in specific CMS quality programs?

CMS Measures Inventory Tool (CMIT)

CMS.gov

Centers for Medicare & Medicaid
Services **Measures Inventory Tool**

External Resources ▾

About ▾

[Login to CMIT](#)

Measure Inventory

Measure Summary

Cascade of Meaningful Measures

Environmental Scan

Any ▾ Enter Keywords or Measure ID to Search



[How do I search?](#)

Measure Inventory

535 Measures Based on your Filters ⓘ

CMIT has all the measures in CMS programs.

[Export Excel File](#)

Add Filters

Active x

Clear All

Views ⓘ

None Selected ▾

Group By ⓘ

Measures ▾

Display Format ⓘ

Table ▾

Reset

[Show/Hide Columns](#)

Measure ID	Measure Name	Measure Variation Titles	Program-Specific Version Titles
767	3-Item Care Transitions Measure (CTM-3)	<ul style="list-style-type: none">02 - 3-Item Care Transition Measure (CTM-3) - Active	<ul style="list-style-type: none">(00767-02-C-MODEL/BPCIA) 3-Item Care Transition Measure (CTM-3) - Active
December 2023	30-Day All-Cause Unplanned Readmission Following	<ul style="list-style-type: none">01 - 30-day all-cause unplanned readmission following	<ul style="list-style-type: none">(00003-01-C-IPEQR) 30-day all-cause unplanned

<https://cmit.cms.gov/cmit/#/MeasureInventory>

CMS Quality Reporting Program Using eCQMS

- CMS publishes eCQMs for inclusion or potential inclusion in several quality reporting programs:
 - [Advanced APM: Primary Care First \(PCF\)](#)
 - [Hospital Inpatient Quality Reporting \(IQR\) Program](#)
 - [Hospital Outpatient Quality Reporting \(OQR\) Program](#)
 - [Medicare Promoting Interoperability EHR Incentive Program for Eligible Hospitals and Critical Access Hospitals](#)
 - [Medicare Shared Savings Program: Accountable Care Organizations \(ACOs\)](#)
 - [Quality Payment Program: The Merit-based Incentive Payment System \(MIPS\) and Advanced Alternative Payment Models \(Advanced APMs\)](#)

Where do I go for help regarding use of eCQMs in CMS Quality programs?

eCQM Implementation Questions ONC Project Tracking System (Jira)

[Learning Resources](#)[Create an Issue Ticket](#)[Search for an Issue](#)[Create An Account](#)[Log In](#)

The ONC Project Tracking System is a collaboration platform in which users can log, track, and discuss issues with subject matter experts in support of health information technology implementation. It also provides tools to facilitate knowledge sharing and agile project management.

Reminder:

This is an open platform that does not intend for users to communicate sensitive or confidential information such as protected health information and personal identifiable information.

[BONNIE and MAT Issue Tracker](#)[BONNIEMAT](#)[CMS Hybrid Measures](#)[CHM](#)[ONC's Health IT Feedback and Inquiry Portal](#)

Share your health IT-related feedback or concerns that you wish to bring to the ONC's attention:

<https://inquiry.healthit.gov>

CMS Policy/Quality Reporting Program Questions

- Hospital Inpatient Quality Reporting (IQR) Program, contact the Hospital Inpatient Support Team at https://cmsqualitysupport.servicenowservices.com/qnet_qa or (844) 472-4477.
- Medicaid eligible professionals and Medicaid only eligible hospitals participating with the Medicaid Promoting Interoperability Program should contact their state Medicaid agencies.
- Medicare Promoting Interoperability (formerly EHR Incentive) Program for Eligible Hospitals and Critical Access Hospitals contact [QualityNet Service Center](#), (866) 288-8912, or QNetSupport@cms.hhs.gov.
- Outpatient Quality Reporting (OQR), contact [QualityNet Question Answer](#) website.
- Quality Payment Program (QPP), contact QPP@cms.hhs.gov or (866) 288-8292.

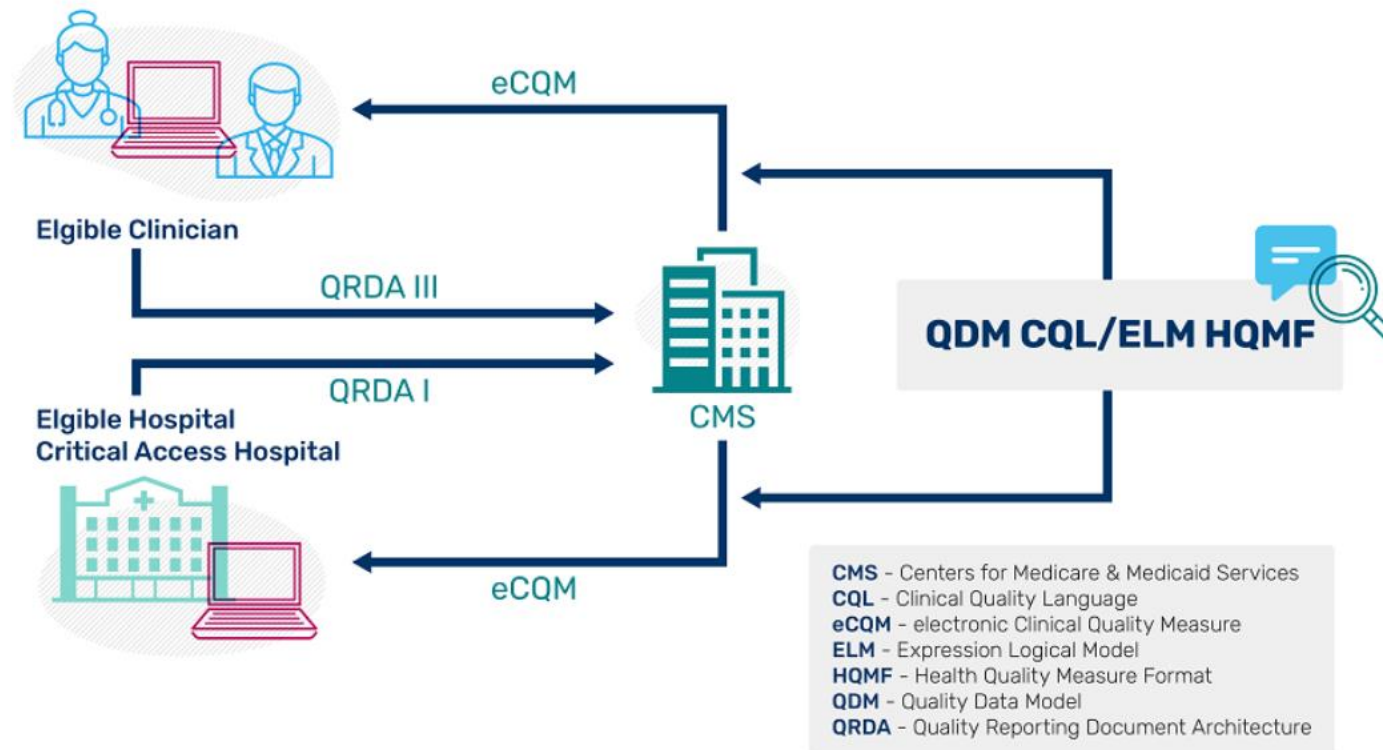
What and how do I report eCQMs to CMS?

Quality Reporting Document Architecture (QRDA)

- The QRDA is the data submission standard used for a variety of quality measurement and reporting initiatives. It creates a standard method to report quality measure results in a structured, consistent format and can be used to exchange eCQM data between systems.
- A Health Level Seven International® (HL7) Clinical Document Architecture (CDA)-based standard, which further constrains CDA Release 2 for exchange of eCQM data.
- CMS publishes [QRDA Implementation Guides \(IGs\), Schematrons, and sample files](#) annually to provide technical guidance for implementing the HL7 QRDA standards for reporting to CMS quality programs.

QRDA (Cont'd)

- QRDA was adopted by ONC as the standard to support both QRDA Category I (individual patient) and QRDA Category III (aggregate) data submission for quality reporting. This figure depicts the use and flow of the eCQM transmission standards.









Testing QRDA: CMS QRDA Pre-Submission Validation Tools


- [Cypress](#) QRDA validation tool
 - The Cypress QRDA validation tool provides implementers with the ability to validate the conformance of QRDA Category I and Category III documents to CMS implementation guides.
- CMS Quality Reporting System – for eligible hospitals and critical access hospitals
- For the most up to date information, see the [CMS QRDA Pre-Submission Validation Tools](#) page on the eCQI Resource Center

Where to Submit eCQMs

- Eligible Clinicians – via [QPP](#) website – must have a QPP account
- Eligible Hospitals and Critical Access Hospitals – via [Hospital Quality Reporting](#) page – must have a [HCQIS \(Health Care Quality Information Systems\) Access and Roles Profile \(HARP\)](#) account

Where do I find more information about the eCQMs?

eCQI RESOURCE CENTER  eCQMs  Electronic Clinical Quality Measures | dQMs  Digital Quality Measures | Resources  Standards, Tools, & Resources | About  eCQI, CDS, FAQs Engage | Log in  Manage Your Account

Search keyword or phrases (phrase in quot 

Get Started with eCQMs

[Receive updates on this topic](#)

About eCQMs | **Development** | **Certification** | **Implementation** | **Tools & Resources** | **Education**

Connect

Electronic clinical quality measures (eCQMs) are measures specified in a standard electronic format using data electronically extracted from electronic health records (EHRs) and/or health information technology (IT) systems to measure the quality of health care provided. The Centers for Medicare & Medicaid Services (CMS) uses eCQMs in a variety of quality reporting and value-based purchasing programs.

There are several benefits of using eCQMs:

- eCQMs use clinical data to assess the outcomes of treatment by measured entities.

<https://ecqi.healthit.gov/ecqms>

Companion eCQM 101 Presentations

- Companion eCQM 101 Presentations
 - [Introduction](#)
 - [Resources](#)
- [eCQI Resource Center](#)
- [Ask questions or provide website feedback](#)

Acronyms

Acronym	Definition
ACO	Accountable Care Organizations
APM	Alternative Payment Models
CDA	Clinical Document Architecture
CMIT	CMS Measures Inventory Tool
CMS	Centers for Medicare & Medicaid Services
eCQI	Electronic Clinical Quality Improvement
eCQM	Electronic Clinical Quality Measure
EHR	Electronic Health Record

Acronyms (Cont'd)

Acronym	Definition
HARP	HCQIS Access and Roles Profile
HCQIS	Health Care Quality Information Systems
HL7	Health Level Seven International®
HQMF	Health Quality Reporting Format
IG	Implementation Guide
IQR	Inpatient Quality Reporting
MIPS	Merit-based Incentive Payment System
ONC	Office of the National Coordinator for Health Information Technology
OQR	Outpatient Quality Reporting
PCF	Primary Care First Model
QPP	Quality Payment Program
QRDA	Quality Reporting Document Architecture