



# **CY 2022 eCQM Reporting Tools and FAQs for the Hospital IQR Program and Medicare Promoting Interoperability Program**

## **Speaker**

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# Purpose

This presentation provides participants in the Hospital Inpatient Quality Reporting (IQR) Program and Medicare Promoting Interoperability Program helpful tips and tools for calendar year (CY) 2022 eCQM reporting, with a focus on addressing frequently asked questions.

# Objectives

Participants will be able to:

- Locate tools and resources for successful eCQM reporting.
- Review frequently asked questions (FAQs) regarding CY 2022 eCQM reporting.
- Implement the webinar's guidance to improve the eCQM data submission process.

# Acronyms

<b>CAH</b>	Critical Access Hospital	<b>IPPS</b>	inpatient prospective payment system
<b>CCN</b>	CMS Certification Number	<b>IQR</b>	Inpatient Quality Reporting
<b>CCSQ</b>	Center for Clinical Standards and Quality	<b>IT</b>	Information Technology
<b>CEHRT</b>	Certified Electronic Health Record Technology	<b>LTCH</b>	Long-Term Care Hospital
<b>CMS</b>	Centers for Medicare & Medicaid Services	<b>ONC</b>	Office of the National Coordinator for Health IT
<b>CY</b>	calendar year	<b>PDC</b>	Provider Data Catalog
<b>ECE</b>	Extraordinary Circumstances Exception	<b>PPS</b>	Prospective Payment System
<b>eCQI</b>	Electronic Clinical Quality Improvement	<b>PQ</b>	physical quantity
<b>eCQM</b>	electronic clinical quality measure	<b>Q</b>	quarter
<b>ED</b>	emergency department	<b>QDM</b>	Quality Data Model
<b>EHR</b>	electronic health record	<b>QRDA</b>	Quality Reporting Document Architecture
<b>FAQ</b>	frequently asked question	<b>STK</b>	stroke
<b>FY</b>	fiscal year	<b>VIQR</b>	Value, Incentives, and Quality Reporting
<b>HARP</b>	HCQIS Access Roles and Profile	<b>VSAC</b>	Value Set Authority Center
<b>HCQIS</b>	Health Care Quality Information Systems	<b>VTE</b>	venous thromboembolism
<b>HQR</b>	Hospital Quality Reporting	<b>YNHHSC /CORE</b>	Yale New Haven Health Services Corporation/ Center for Outcomes Research and Evaluation

# Webinar Questions

- Please email questions pertinent to the webinar topic to [WebinarQuestions@hsag.com](mailto:WebinarQuestions@hsag.com). Include the following information:
  - Subject Line: CY 2022 eCQM Reporting Tools and FAQs for the Hospital IQR Program and Medicare Promoting Interoperability Program
  - Email Body: If your question pertains to a specific slide, please include the slide number.
- If you have a question unrelated to the current webinar topic, we recommend that you first search for it in the Quality Inpatient Questions and Answers Tool:  
[https://cmsqualitysupport.servicenowservices.com/qnet\\_qa](https://cmsqualitysupport.servicenowservices.com/qnet_qa)  
If you do not find an answer, submit your question to us using the same tool.

## CY 2022 eCQM Reporting Tools and FAQs for the Hospital IQR Program and Medicare Promoting Interoperability Program

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### **Useful Tips and Tools**

# Dual Program Submission

The successful submission of eCQM data prior to the submission deadline of **February 28, 2023, 11:59 p.m. Pacific Time**, will meet the eCQM reporting requirement for the following programs:

- Hospital IQR Program
- Medicare Promoting Interoperability Program

# CY 2022 eCQM Reporting

Hospitals participating in the Hospital IQR Program and Medicare Promoting Interoperability Program, must successfully report:

- ✓ **Three** self-selected eCQMs **plus** the Safe Use of Opioids eCQM.
- ✓ **Three** self-selected calendar quarters in CY 2022 (Q1, Q2, Q3, or Q4).

The submission deadline is **February 28, 2023**.

**Note:** Meeting the Hospital IQR Program eCQM requirement also satisfies the eCQM reporting requirement for the Medicare Promoting Interoperability Program for eligible hospitals and critical access hospitals (CAHs).



# FY 2022 IPPS/LTCH PPS Final Rule

Refer to the Fiscal Year (FY) 2022 Inpatient Prospective Payment System (IPPS)/Long-Term Care Hospital Prospective Payment System (LTCH PPS) Final Rule in the *Federal Register*:

<https://www.federalregister.gov/documents/2021/08/13/2021-16519/medicare-program-hospital-inpatient-prospective-payment-systems-for-acute-care-hospitals-and-the>

- Hospital IQR Program: pp. 45360–45426
- Promoting Interoperability Program: pp. 45460–45498

# Program Resources for CY 2022 eCQM Reporting

## **Hospital IQR Program QualityNet Quality Reporting Center**

[CY 2022 eCQM Submission Overview](#)

[CY 2022 eCQM QRDA Category I File  
Submission Checklist](#)

[CY 2022 Available eCQMs Table](#)

[ECE Quick Reference Guide](#)

[ECE Request Form](#)

[Hospital IQR Program Guide for FY 2024](#)

[Important Dates and Deadlines](#)

[Hospital IQR FY 2024 Measures](#)

[Acute Care Hospital Quality Improvement  
Program Measures – FY 2024](#)

[Listserve Notifications](#)

## **Medicare Promoting Interoperability Program CMS.gov**

[2022 Program Requirements Medicare](#)

[2022 Scoring Methodology Fact Sheet](#)

[Eligible Hospital Information](#)

[Certified EHR Technology](#)

[Program Basics](#)

[eCQM Basics](#)

[Registration & Attestation](#)

[Educational Resources](#)

[CMS Promoting Interoperability Listserve](#)

# Additional Program – Specific Requirements

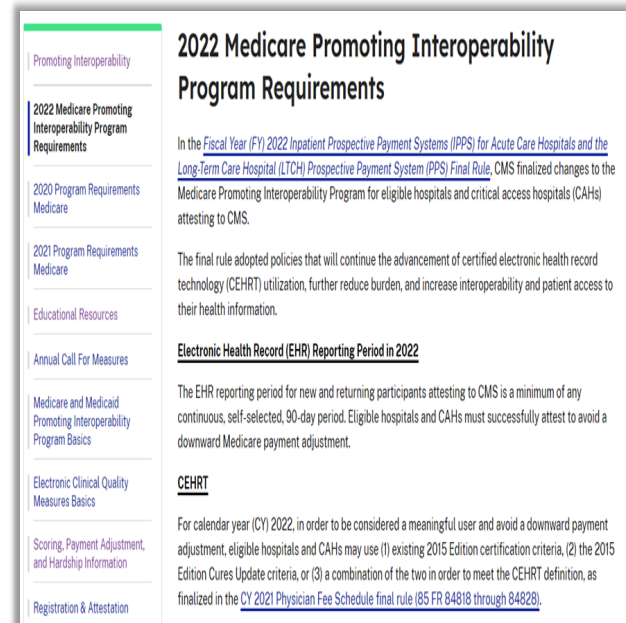
## Hospital IQR Program

- [How to Participate Page](#)
- [FY 2024 IQR Program Guide](#)



## Medicare Promoting Interoperability Program

- [2022 Program Requirements Page](#)
- [2022 Medicare Promoting Interoperability Program Resources Available](#)



# CY 2022 eCQM Reporting Requirements

<b>Programs</b>	Hospital IQR Program* Medicare Promoting Interoperability Program**
<b>Reporting Period</b>	January 1, 2022 – December 31, 2022
<b>Submission Deadline</b>	February 28, 2023, 11:59 p.m. Pacific Time
<b>eCQM Measure Set</b>	9 available eCQMs: ED-2, PC-05, STK-2, STK-3, STK-5, STK-6, VTE-1, VTE-2 + <b>Mandatory: Safe Use of Opioids–Concurrent Prescribing</b>
<b>Total number of eCQMs to report <u>per quarter</u></b>	3 self-selected eCQMs + <b>Mandatory: Safe Use of Opioids–Concurrent Prescribing</b>
<b>Total number of quarters to report <u>per CY</u></b>	3 self-selected quarters (eCQMs must be the same across quarters)
<b>Certified Electronic Health Record Technology (CEHRT)</b>	<ul style="list-style-type: none"> <li>• 2015 Edition</li> <li>• 2015 Edition Cures Update</li> <li>• Combination of both</li> </ul> (CY 2022 is the final year to use the 2015 Edition certification criteria.)

\*The submission of CY 2022 eCQM data will affect the FY 2024 payment determination.

\*\*The submission of CY 2022 eCQM data will affect the FY 2024 payment determination for eligible hospitals and the FY 2022 payment determination for critical access hospitals.

# CY 2022 (FY 2024) eCQM Measure Set

## Mandatory CMS 506v4

### Safe Use of Opioids – Concurrent Prescribing

<b>ED-2</b> <i>CMS111v10</i> Admit Decision Time to ED Departure Time for Admitted Patients	<b>PC-05</b> <i>CMS9v10</i> Exclusive Breast Milk Feeding
<b>STK-02</b> <i>CMS104v10</i> Discharged on Antithrombotic Therapy	<b>STK-03</b> <i>CMS71v11</i> Anticoagulation Therapy for Atrial Fibrillation/Flutter
<b>STK-05</b> <i>CMS72v10</i> Antithrombotic Therapy By the End of Hospital Day 2	<b>STK-06</b> <i>CMS105v10</i> Discharged on Statin Medication
<b>VTE-1</b> <i>CMS108v10</i> Venous Thromboembolism Prophylaxis	<b>VTE-2</b> <i>CMS190v10</i> Intensive Care Unit Venous Thromboembolism Prophylaxis

Refer to the [CY 2022 Available eCQMs Table](#).

# CY 2022 eCQM Fact Sheet

<https://www.cms.gov/files/document/2022-ecqm-reporting-requirements.pdf>

## Medicare Promoting Interoperability PROGRAM

### 2022 MEDICARE PROMOTING INTEROPERABILITY PROGRAM ELECTRONIC CLINICAL QUALITY MEASURES FACT SHEET

#### eCQM Overview

To successfully participate in the Medicare Promoting Interoperability Program, the Centers for Medicare & Medicaid Services (CMS) requires eligible hospitals and critical access hospitals (CAHs) to report on electronic clinical quality measures (eCQMs). These eCQMs are selected by CMS and require the use of certified electronic health record technology (CEHRT).

The eCQMs are tools that help measure and track the quality of healthcare services provided by eligible hospitals and CAHs within our healthcare system. These measures use data reported from electronic health records that are associated with healthcare providers' ability to deliver high-quality care or relate to long-term goals for quality healthcare. eCQMs help ensure that our healthcare system is delivering effective, safe, efficient, patient-centered, equitable, and timely care.

#### eCQM Reporting Period

The reporting period for eligible hospitals and CAHs that report eCQMs in the Medicare Promoting Interoperability Program is **three self-selected quarters** of calendar year (CY) 2022 data.

Medicare Promoting Interoperability Program eCQM Reporting Requirements for All Hospitals		
# of eCQMs	Attestation	9
	Electronic Reporting	Safe Use of Opioids eCQM, plus 3 self-selected eCQMs (4 eCQMs total)
Reporting Period	Electronic Reporting Period	Three self-selected calendar quarters of data
CY 2022 Submission Deadline		February 28, 2023
Reminder: CY 2021 Submission Deadline		March 31, 2022

Note: Fulfilling the eCQM requirement for the Medicare Promoting Interoperability Program through electronic reporting also satisfies the eCQM reporting requirement for the Hospital Inpatient Quality Reporting (IQR) Program. Beginning in 2023, eCQM data must be submitted electronically through the same reporting methods available for the Hospital IQR Program. Attestation is only an option available for Medicare eligible hospitals and CAHs in specific circumstances when electronic reporting is not feasible, and will not be available after CY 2022 data reporting.



### eCQM Reporting Requirements

Eligible hospitals and CAHs are required to report on at least three eCQMs and the Safe Use of Opioids – Concurrent Prescribing measure for a total of four eCQMs. The below table showcases all nine eCQM options available to report on during CY 2022.

Short Name	Measure Name
ED-2	Median Admit Decision Time to ED Departure Time for Admitted Patients
PC-05	Exclusive Breast Milk Feeding
STK-2	Discharged on Antithrombotic Therapy
STK-3	Anticoagulation Therapy for Atrial Fibrillation/Flutter
STK-5	Antithrombotic Therapy by the End of Hospital Day 2
STK-6	Discharged on Statin Medication
VTE-1	Venous Thromboembolism Prophylaxis
VTE-2	Intensive Care Unit Venous Thromboembolism Prophylaxis
Safe Use of Opioids	Safe Use of Opioids – Concurrent Prescribing

Please note for CY 2022, in order to be considered a meaningful user and avoid a downward payment adjustment, eligible hospitals and CAHs must also use (1) existing 2015 Edition certification criteria, (2) the 2015 Edition Cures Update criteria, or (3) a combination of the two in order to meet the CEHRT definition, as finalized in the [CY 2021 Physician Fee Schedule final rule \(85 FR 84818 through 84828\)](#).

### Additional Resources

- [Medicare Promoting Interoperability Program eCQM Webpage](#)
- [eCQMs Overview](#)
- [Hospital Inpatient Quality Reporting \(IQR\) Program](#)
- [eCQI Resource Center](#)



# CY 2022 eCQM Submission Overview Document

CY 2022 (FY 2024) Hospital IQR Program / Medicare Promoting Interoperability Program eCQM Submission Overview			
<b>Program Requirements</b>	Submit data for the mandatory <b>Safe Use of Opioids – Concurrent Prescribing eCQM</b> and three (3) other available eCQMs, for each of the three self-selected quarters of CY 2022 data (Q1, Q2, Q3, Q4) during the same reporting period. <b>Each self-selected quarter must contain at least three (3) self-selected eCQMs, plus the mandatory Safe Use of Opioids-Concurrent Prescribing eCQM.</b> The eCQMs must be the same across quarters in a given reporting year.	<b>Dual Program Acceptance</b>	Hospitals that successfully report the mandatory Safe Use of Opioids-Concurrent Prescribing eCQM and three (3) other available eCQMs for three self-selected quarters via the Hospital Quality Reporting (HQR) System will meet the eCQM requirement for the following: <ul style="list-style-type: none"> <li>• <b>Hospital IQR Program</b></li> <li>• <b>Medicare Promoting Interoperability Program</b> for Eligible Hospitals and Critical Access Hospitals</li> </ul>
<b>Reporting Deadline</b>	Tuesday, February 28, 2023, 11:59 p.m. Pacific Time	<b>System Availability</b>	The HQR System will be open for <b>Test and Production File Submissions</b> in Fall 2022.
<b>Technical Requirements</b>	Hospitals submitting eCQM data will need to: <ul style="list-style-type: none"> <li>• Use Health Information Technology (Health IT) certified by the Office of the National Coordinator for Health IT (ONC) to the existing 2015 Edition certification criteria, the 2015 Edition Cures Update criteria, or a combination of both.</li> <li>• Use eCQM specifications published in the 2021 eCQM annual update for CY 2022 reporting and applicable addenda, available on the <a href="#">eCQI Resource Center</a>.</li> <li>• Use the 2022 CMS Implementation Guide for Quality Reporting Document Architecture (QRDA) Category I, Schematron, and sample QRDA Category I files on the <a href="#">Eligible Hospital/Critical Access Hospital eCQMs page of the eCQI Resource Center</a>.</li> </ul>	<b>Successful Submission</b>	Data must be submitted through the <b>HQR Secure Portal</b> as any combination of the following: <ul style="list-style-type: none"> <li>• <b>QRDA Category I files</b> with patients meeting the initial patient population of the applicable measure(s)</li> <li>• <b>Zero denominator declarations</b></li> <li>• <b>Case threshold exemptions</b></li> </ul>
		<b>File Validation Tool</b>	Via the HQR System, providers can validate QRDA Category I test and production file structure and contents and generate CSV files for feedback to correct QRDA Category I files prior to production re-submissions.
<b>Who Can Submit Data</b>	<ul style="list-style-type: none"> <li>• Hospitals with a HCQIS Access Roles and Profile (HARP) account can submit.</li> <li>• Electronic health record (EHR) vendors can create a HARP account to submit data on their behalf.</li> </ul> Hospitals can log in to the <a href="#">HQR Secure Portal</a> and the Vendor Management System to assign, modify, and remove vendor access from one page. User receive instant confirmation of the changes. Contact the <a href="#">CCSQ Service Center</a> for assistance at (866) 288-8912.	<b>Contacts</b>	<ul style="list-style-type: none"> <li>• Submit questions on the Hospital IQR Program and eCQM reporting requirements to the Hospital IQR Program Support Team at (844) 472-4477 or visit the <a href="#">QualityNet Question and Answer Tool</a>.</li> <li>• Submit questions on the <b>HQR Secure Portal</b>, Medicare Promoting Interoperability Program, or eCQM data submission process to the CCSQ Service Center at (866) 288-8912 or <a href="mailto:QNetSupport@cms.hhs.gov">QNetSupport@cms.hhs.gov</a>.</li> <li>• Visit the <a href="#">ONC Jira Issue Tracker</a> to see prior responses, submit questions to CMS subject-matter experts, and receive assistance with the eCQM Issue Tracker, QRDA Issue Tracker, CQL Issue Tracker, and hybrid measures.</li> </ul>

<https://qualitynet.cms.gov/inpatient/measures/ecqm/resources>

## CY 2022 eCQM reporting overview:

- ➔ Report mandatory Safe Use of Opioids-Concurrent Prescribing eCQM
- ➔ Report three quarters of data
- ➔ Deadline: February 28, 2023
- ➔ Last year to report using 2015 Edition of CEHRT
- ➔ Data validated and publicly reported

# CY 2022 eCQM Reporting Checklists

## QRDA Category I File Submission Checklist

CY 2022 Hospital IQR Program / Medicare Promoting Interoperability Program Preparation Checklist for eCQM Reporting	
Due	Task
<b>NOW</b>	<p>To successfully submit <u>Calendar Year (CY) 2022 electronic clinical quality measure (eCQM) data</u></p> <p><input type="checkbox"/> <b>Report the mandatory (3) other available eCQMs</b></p> <ul style="list-style-type: none"> <li>The submission type</li> <li>You may select self-selected eCQMs</li> <li>Each self-selected eCQM must be a mandatory Safe Use of Opioids-Concurrent Prescribing eCQM</li> <li>The eCQMs must be reported on for each of the 3 self-selected quarters of data to meet the eCQM reporting requirement. eCQMs must be the same eCQMs across quarters in a given reporting year.</li> </ul> <p><input type="checkbox"/> <b>Confirm health information Coordinator of Health Cures Update criteria (CHPL) website to</b></p> <p><input type="checkbox"/> <b>Confirm the Quality Constructed per the HQR Implementation eCQI Resource Center CMS is expecting episodes of care a maximum individual</b></p> <p><i>Tip: Prior to data upload</i></p> <p><input type="checkbox"/> <b>Visit the Hospital</b></p> <ul style="list-style-type: none"> <li>Sign into the HQR System</li> <li>Complete two-factor authentication</li> </ul> <p><input type="checkbox"/> <b>Review the Navigation</b></p> <p><b>Go to the eCQM Reporting</b></p>
<p><b>System opens fall 2022</b></p> <p><b>Deadline: 2/28/2023 11:59 p.m. Pacific Time</b></p>	<p><b>CY 2022 Hospital IQR Program / Medicare Promoting Interoperability Program Preparation Checklist for eCQM Reporting</b></p> <p><b>QRDA Category I Test or Production File(s) Submission Instructions for the HQR System</b></p> <p><b>System opens fall 2022</b></p> <p><b>Deadline: 2/28/2023 11:59 p.m. Pacific Time</b></p> <p><input type="checkbox"/> <b>Upload Test and Production QRDA Category I files.</b></p> <ol style="list-style-type: none"> <li>Click Data Submission. Locate the eCQM tab. Click on File Upload. Select Test or Production.</li> <li>Click the Select Files button to locate the QRDA Category I batch files on your computer to upload.</li> <li>Once the files load and the HQR System has processed them, you will receive a confirmation email.</li> </ol> <p><input type="checkbox"/> <b>Review the processing status of the QRDA Category I files.</b></p> <ol style="list-style-type: none"> <li>From the dashboard menu, click on Data Results. Then, click on eCQM.</li> <li>Click on the Files Upload History tab to review submissions.</li> <li>Select the submission type, Test or Production. Click Change Selection. The page will refresh.</li> <li>Once the uploaded file status says Ready, download the errors for each batch as a Comma Separated Values (CSV) report.</li> </ol> <p><input type="checkbox"/> <b>Review the Submission Accuracy Tab. Locate the rejected files for revision and resubmission. (The HQR System will default to Test for the submission field and the most current quarter.)</b></p> <ol style="list-style-type: none"> <li>Click the Accuracy tab. Select Test or Production. Select the quarter. Click Change Selection to refresh the page.</li> <li>The counts for the accepted and rejected files will equal the total files submitted. Click on a card for a closer review of the submitted files. The User Interface (UI) will reflect your selection.</li> <li>You can click on the Export Results button to print or download the results for closer review.</li> </ol> <p><input type="checkbox"/> <b>Review Outcomes Submission Results to determine how the episodes of care were evaluated.</b></p> <ol style="list-style-type: none"> <li>Click on the Outcomes tab. Select the submission type and the quarter. Use the drop down menu to review a specific measure or all measures. Click Change Selection to refresh the page.</li> <li>The UI will display the evaluated episodes for each patient file, which you can export as a CSV. Click Performance Summary to view the summary. You can export this summary as a CSV.</li> </ol> <p><input type="checkbox"/> <b>Generate the Program Credit Report.</b></p> <ol style="list-style-type: none"> <li>For Hospital IQR and the Medicare Promoting Interoperability Programs eCQM submissions, click on Program Reporting from the dashboard menu. Then, click on Program Credit to load the page.</li> <li>Select the discharge quarter. Click Change Selection. Program Credit Reports for both programs will generate.</li> <li>The UI will show which measures were submitted, the submission status, and the date of the last submission update. Export the report for your records. <ul style="list-style-type: none"> <li>A green banner indicates successful submission was achieved for the reporting year.</li> <li>A yellow banner indicates successful submission was not achieved for the reporting year.</li> </ul> </li> </ol> <p><b>Three (3) self-selected eCQMs, plus the mandatory Safe Use of Opioids-Concurrent Prescribing eCQM must be successfully reported on for each of the 3 self-selected quarters of data to meet the eCQM reporting requirement. eCQMs must be the same eCQMs across quarters in a given reporting year.</b></p> <p><input type="checkbox"/> <b>Enter Denominator Declarations, if they apply.</b></p> <ol style="list-style-type: none"> <li>Click on Data Submissions. Click on Data Form. Click on Launch Data Form to refresh the page.</li> <li>Select the Discharge Quarter to receive Denominator Declarations. Enter the declarations for case threshold or for zero denominator for each applicable measure. Click the Submit button. Repeat the steps for each applicable quarter.</li> </ol> <p><input type="checkbox"/> <b>Re-generate the Program Credit Report(s).</b></p> <p>This "snapshot in time" indicates if submissions were successful for each self-selected reporting quarter. If the reporting changes in any way (files are resubmitted or deleted; denominator declarations are modified), re-generate the Program Credit Report for the most current status. If the report is not available after 24 hours, contact the <a href="#">CCSQ Service Center</a>.</p>

## eCQM Implementation Checklist

eCQM Implementation Checklist
<p><a href="#">Receive updates on this topic</a></p> <p>The Centers for Medicare &amp; Medicaid Services (CMS) requires an eligible professional (EP), eligible clinician (EL), eligible hospital (EH) or critical access hospital (CAH) to use the most current version of the eCQMs for quality reporting programs.</p> <p>The <a href="#">Preparation and Implementation Checklists (PDF)</a> assume that a health care practice/organization has determined which measures to report on. It provides the necessary technical steps health information technology (IT) developers, implementers and health care organizations must take to update their systems and processes with the eCQM Annual Update for the upcoming reporting and performance periods. The most recent eCQM Annual Update should be applied to your system for use in CMS electronic quality reporting.</p>
<p><b>Preparation Checklist</b></p> <ul style="list-style-type: none"> <li>1) <a href="#">Sign up for a Unified Medical Language System (UMLS) account</a></li> <li>2) <a href="#">Sign up for an ONC Project Tracking Jira account</a></li> <li>3) <a href="#">Sign up for eCQM page change notifications on the eCQI Resource Center</a></li> <li>4) <a href="#">Review the code system versions used in the eCQM specification for the upcoming reporting/performance year</a></li> <li>5) <a href="#">Review the standards, tools, and documents used to support the eCQM specification for the upcoming reporting/performance year</a></li> </ul>
<p><b>Implementation Checklist</b></p> <ul style="list-style-type: none"> <li>1) <a href="#">Access the appropriate eCQM Annual Update</a></li> <li>2) <a href="#">Secure detailed information about each measure</a></li> <li>3) <a href="#">Download value sets</a></li> </ul>

QRDA=Quality Reporting Document Architecture



# CY 2022 eCQM Reporting Implementation Resources

## [eCQI Resource Center](#)

### Eligible Hospital/Critical Access Hospital eCQMs

Select Reporting Period: 2022 ▾

Find older eCQM specifications in the [eCQM Standards and Tools Version](#) table.

**eCQM Resources** EH/CAH eCQMs About Hybrid Measures

2022 Reporting Period Eligible Hospital / Critical Access Hospital Resources


Select 2022

eCQM Resources	Short Description	Published
<a href="#">Implementation Checklist eCQM Annual Update</a>	Implementation checklist ⓘ	--
<a href="#">Guide for Reading eCQMs v7.0 (PDF)</a>	Assists implementers and measured entities with information on how to read eCQM specifications ⓘ	May 2021
<a href="#">Hospital Quality Reporting Table of eCQMs (PDF)</a>	List of eCQMs available for use ⓘ	May 2021
<a href="#">eCQM Specifications for Hospital Quality Reporting (ZIP)</a>	eCQM technical specifications ⓘ	May 2021
<a href="#">eCQM and Hybrid Measure Value Sets</a>	Value sets used with eCQMs and Hybrid Measures ⓘ	May 2021
<a href="#">eCQM Direct Reference Codes List</a>	eCQM Direct Reference Codes used in eCQMs ⓘ	May 2021
<a href="#">Binding Parameter Specification (BPS) (ZIP)</a>	Value set metadata ⓘ	May 2021
<a href="#">eCQM Logic and Implementation Guidance v5.0 (PDF)</a>	Assists implementers and measured entities with how to use eCQMs and report issues ⓘ	May 2021
<a href="#">Technical Release Notes (PDF)</a>	Year over year changes to eCQM logic and terminology ⓘ	May 2021
<a href="#">Technical Release Notes (ZIP)</a>	Year over year changes to eCQM logic and terminology ⓘ	May 2021
<a href="#">Standards and tool versions used for reporting period</a>	Tools and standards versions measure developers used to create eCQMs and versions of standards and tools used for their reporting ⓘ	May 2021
<a href="#">eCQM Flows (ZIP)</a>	Assists implementers and measured entities with steps to take to calculate an eCQM ⓘ	Aug 2021

# CY 2022 eCQM Reporting Tools and Resource Versions

## eCQI Tools and Key Resources

<https://ecqi.healthit.gov/ecqi-tools-key-resources?qt-teste=1>

Reporting/Performance Period	eCQM Specifications and Resources	Tool and Resource Versions	Standard Versions
 2022	<ul style="list-style-type: none"> <li><a href="#">EH/CAH Implementation Resources</a></li> <li><a href="#">EP/Eligible Clinicians Implementation Resources</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="#">MAT V6.04</a></li> <li><a href="#">eCQM Logic and Implementation Guidance V5.0</a> (PDF)</li> <li><a href="#">Cypress V6.0</a></li> <li><a href="#">Bonnie V4.2.1</a></li> <li><a href="#">QDM CQL-to-ELM Translator V1.4.6</a></li> <li><a href="#">CQL Style Guide V5.0</a> (PDF)</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">QDM v5.5 Guidance Update</a> (PDF)</li> <li><a href="#">HL7 V3 IG: CQL-based HQMF IG R1 STU 4*</a></li> <li><a href="#">HL7 CQL R1 STU 4</a></li> <li><a href="#">HL7 V3 HQMF Normative Release 1*</a></li> <li><a href="#">HL7 QRDA I R1 STU R5.2 with errata</a> (ZIP)</li> <li><a href="#">HL7 QRDA III R1 STU R2.1</a> (ZIP)</li> <li><a href="#">2022 CMS QRDA I IG for Hospital Quality Reporting</a></li> <li><a href="#">2022 CMS QRDA III IG for Eligible Clinicians/EPs</a></li> </ul>

# eCQM Data Element Repository (DERep)

<https://ecqi.healthit.gov/mc-workspace-2/data-element-repository>

## Measure Collaboration (MC) Workspace

[About](#) [eCQM Concepts](#) [eCQM Clinical Workflows](#) [eCQM Test Results](#) [eCQM Data Element Repository](#)

### Electronic Clinical Quality Measure (eCQM) Data Element Repository (DERep)

The eCQM Data Element Repository (DERep) provides additional clarification for all the data elements associated with published eCQMs used in CMS quality reporting programs as well as the definitions and clinical focus for each data element. An end user can filter information by data element, eCQM, Quality Data Model (QDM) attribute, QDM category, or QDM datatype data element.

The data elements provided are for use in eCQMs for 2019, 2020, and 2021 performance and reporting periods. Information contained within the eCQM DERep is derived from the eCQM specifications, QDM, and the Value Set Authority Center (VSAC). Each eCQM data element includes information about the value set or the direct reference code (DRC), along with the QDM datatype, and the QDM attributes used by that data element. The QDM information displayed for an eCQM reflects the version used in the development of the eCQM for a specific performance/reporting period. For the 2019 performance and reporting period, QDM Version 5.3 information is displayed. For 2020, QDM Version 5.4 information is displayed, and for 2021, QDM Version 5.5 Guidance Update information is displayed.

Review the [MC Workspace User Guide \(PDF\)](#) and [view past education sessions](#) on the MC Workspace.

Year

2022

Select a Filter Option

- Any -

Search

Apply

Select a filter or search by term and click Apply to see results. Filter definitions are:

eCQM Data Elements

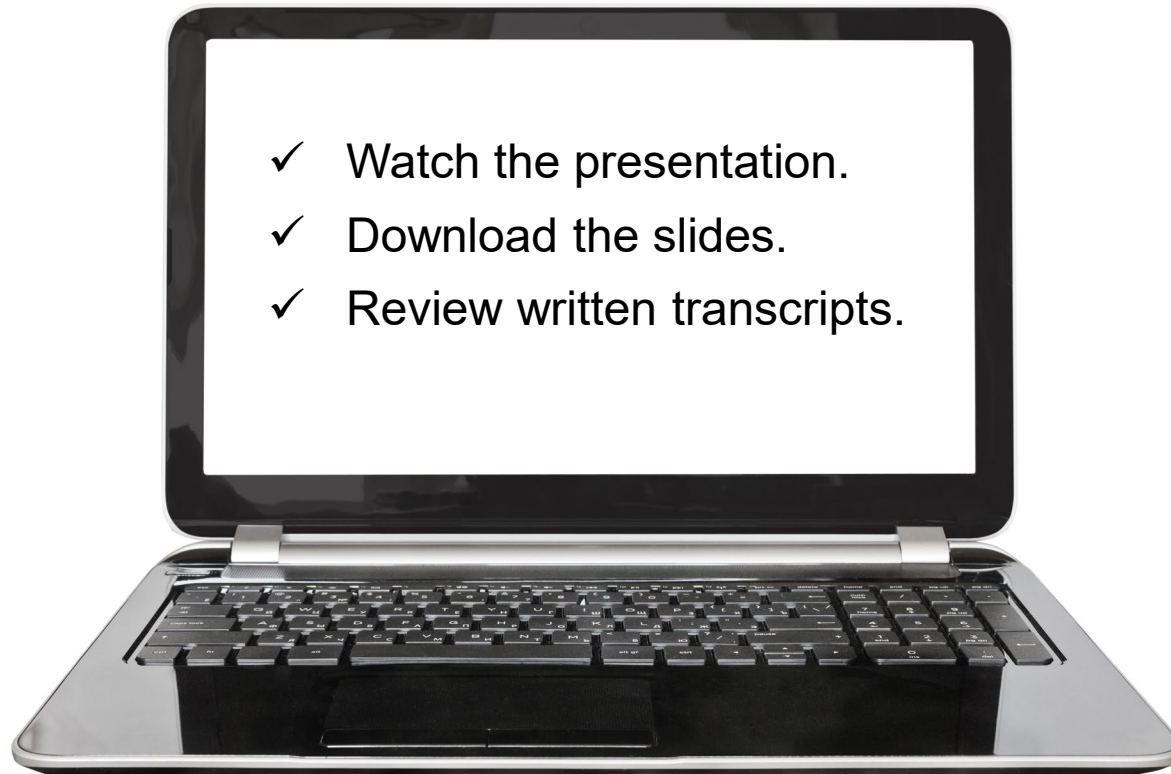
- Aids in data mapping activities
- Provides measure information and data element definitions
- Includes information derived from eCQM specifications, Quality Data Model (QDM), Value Set Authority Center (VSAC), QDM datatype, and QDM attributes

# HQR System – Known Issues Document

- The Hospital Quality Reporting (HQR) System Known Issues Document is available for download on the QualityNet Known Issues & Maintenance page: <https://qualitynet.cms.gov/known-issues-maintenance#tab1>
- The document outlines the following:
  - The date the issue was added
  - Affected functionality/report
  - Description of the issue
  - Status of the known issues across the HQR System (Ambulatory Surgical Centers, eCQM, general HQR issues, Hospital inpatient/outpatient issues, etc.)
- The HQR System Known Issues Document is regularly updated.

# Step-by-Step Process To Submit eCQM Data

- Visit the eCQM Archived Events page.
- Locate the [CY 2022 eCQM Reporting and Data Submission Process](#) webinar from November 29, 2022.



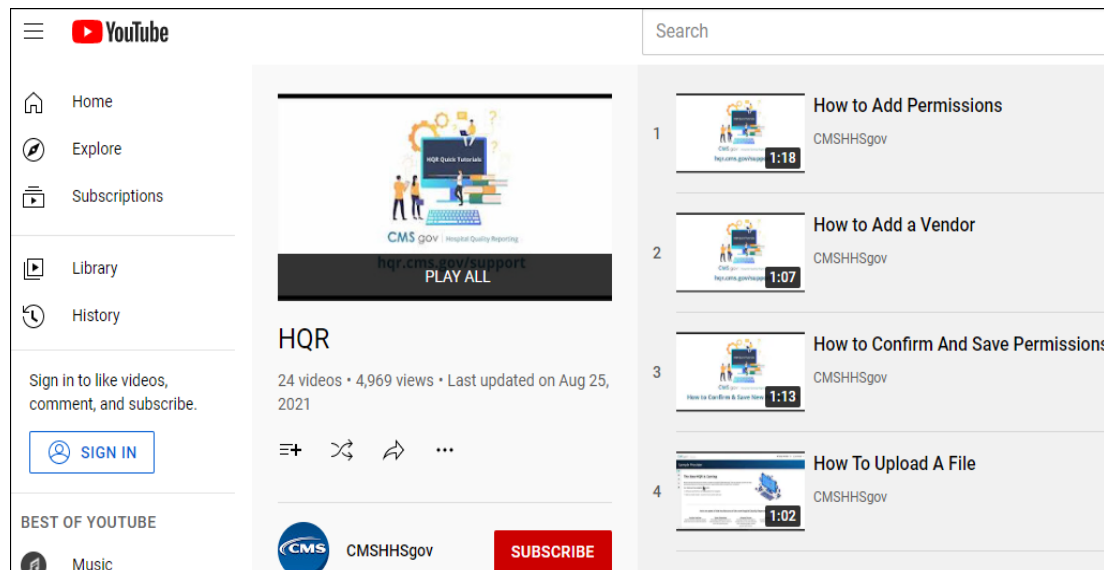
# HQR Video Tutorials

CMS uses video tutorials on **YouTube** to help you navigate the HQR System:

[https://www.youtube.com/playlist?list=PLaV7m2-zFKpjctAKzszy\\_jNbXmhvADgcy](https://www.youtube.com/playlist?list=PLaV7m2-zFKpjctAKzszy_jNbXmhvADgcy)

Available eCQM titles include:

- ✓ How to Add Permissions
- ✓ How to Add a Vendor
- ✓ How to Change Organizations
- ✓ How to Check Data Results
- ✓ How to Check Program Credit
- ✓ How to Submit Data via the Data Form
- ✓ How to Upload a File
- ✓ How to Upload an eCQM File



CY 2022 eCQM Reporting Tools and FAQs for the  
Hospital IQR Program and Medicare Promoting Interoperability Program

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## **Frequently Asked Questions (FAQs)**

# FAQ #1: Is it required to submit the Safe Use of Opioids eCQM?

Yes. Hospitals participating in the Hospital IQR and Medicare Promoting Interoperability Programs are required to submit the *Safe Use of Opioids – Concurrent Prescribing eCQM* for 3 self-selected quarters of CY 2022 data.

Tip: Hospitals that do not have patient-level data meeting the denominator criteria, **must** submit a denominator declaration for each of the three self-selected quarters to successfully report this mandatory measure.



# FAQ #2: Where do I enter denominator declarations?

Log into the *HQR Secure Portal*.

- A zero denominator declaration may be used if the hospital does not have any patients that meet the denominator criteria.
- A case threshold exemption may be used when there are 5 or less discharges during a quarter that meet the initial patient population.
- The system will default to the most current quarter.

Tip: Remember to click: “I’m ready to submit.” The blue button is for **each** self-selected quarter, if applicable.

The screenshot shows the 'Data Submission' page for 'Denominator Declaration'. At the top right, a red box highlights the 'Discharge Quarter' dropdown menu, which is currently set to 'Q4 2022'. Below this is a table with two columns: 'Measure' and 'Zero Denominator Declaration \* / Case Threshold Exemption \*\*'. The table lists several measures with corresponding dropdown menus for selection. A red arrow points from the bottom right of the table to a blue button labeled 'I'm ready to submit', which is also highlighted with a red box. Below the table, there are two footnotes: '[ \* ] Select if there was no denominator patient population for the certified measure selected date range.' and '[ \*\* ] Enter 0-5 for quarter selection. Leave blank if eCQM is to be submitted.' At the very bottom, a note states: 'Successful QRDA production submissions that meet the program requirements for the selected reporting quarter will override corresponding denominator declaration entries and are displayed on the Program Credit Report and Export.'

Measure	Zero Denominator Declaration * / Case Threshold Exemption **
ED-2 Median Admit Decision Time to ED Departure Time for Admitted Patients	<input type="text"/>
PC-05 Exclusive Breast Milk Feeding	<input type="text"/>
STK-2 Discharge on Antithrombotic Therapy	<input type="text"/>
STK-3 Anticoagulation Therapy for Atrial Fibrillation/Flutter	<input type="text"/>
STK-5 Antithrombotic Therapy by End of Hospital Day 2	<input type="text"/>
STK-6 Discharge on Statin Medication	<input type="text"/>
VTE-1 Venous Thromboembolism Prophylaxis	<input type="text"/>
VTE-2 Intensive Care Unit Venous Thromboembolism Prophylaxis	<input type="text"/>
Safe Use of Opioids Safe Use of Opioids - Concurrent Prescribing	<input type="text"/>

[ \* ] Select if there was no denominator patient population for the certified measure selected date range.

[ \*\* ] Enter 0-5 for quarter selection. Leave blank if eCQM is to be submitted.

Successful QRDA production submissions that meet the program requirements for the selected reporting quarter will override corresponding denominator declaration entries and are displayed on the Program Credit Report and Export.

# Reviewing Denominator Declarations

	Case Threshold Exemption	Zero Denominator Declaration
<b>Program</b>	<ul style="list-style-type: none"> <li>Hospital IQR Program</li> <li>Medicare Promoting Interoperability Program</li> </ul>	<ul style="list-style-type: none"> <li>Hospital IQR Program</li> <li>Medicare Promoting Interoperability Program</li> </ul>
<b>Criteria</b>	<ul style="list-style-type: none"> <li>A hospital's electronic health record (EHR) system is certified to report the eCQM.</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>Five or fewer discharges applicable to an eCQM have occurred during the relevant EHR reporting quarter.</li> </ul>	<ul style="list-style-type: none"> <li>A hospital's EHR system is certified to report the eCQM.</li> </ul> <p style="text-align: center;"><b>AND</b></p> <ul style="list-style-type: none"> <li>A hospital does not have any patients that meet the denominator criteria of that CQM.</li> </ul>
<b>Other</b>	<ul style="list-style-type: none"> <li>The eCQM for which there is a valid case threshold exemption will count as submission of one of the required eCQMs for both the Medicare Promoting Interoperability Program and the Hospital IQR Program.</li> <li>Hospitals do not have to utilize the case threshold exemption; they can submit the applicable QRDA Category I files (five or fewer), if they choose.</li> <li>Case threshold exemptions are entered on the Denominator Declaration screen within the HQR System.</li> </ul>	<ul style="list-style-type: none"> <li>The eCQM for which there is a valid zero denominator will count as submission of one of the required eCQMs for the Medicare Promoting Interoperability Program and the Hospital IQR Program.</li> <li>Zero denominator declarations are entered on the Denominator Declaration screen within the HQR System.</li> </ul>

# FAQ #3: Will CMS publicly report our eCQM data?

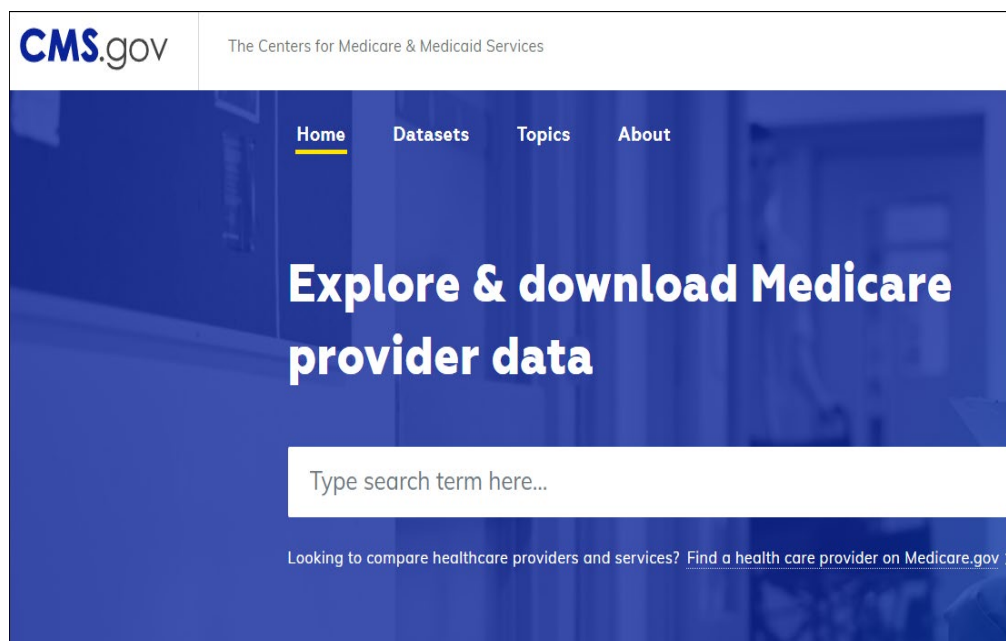
Yes. The public display of CY 2022 eCQM data will be made available to the public in the October 2023 release. CMS finalized public reporting of eCQM data beginning with the CY 2021 reporting period and subsequent years.

Tip: Production data submissions uploaded to the HQR System will be publicly reported. Test file submissions are considered practice and will not be publicly reported.

# FAQ #4:

## Where will our eCQM data display?

CY 2022 eCQM data will publicly display on the [Provider Data Catalog \(PDC\) website \(data.cms.gov\)](https://data.cms.gov) for the October 2023 release. During a 30-day preview period, hospitals and CAHs can review their data before the data are displayed. CMS will later announce the public display of eCQM data on [Care Compare](#).



Tip: Hospitals “preview” their data on the *HQR Secure Portal’s* Preview User Interface.

# FAQ #5: What are the CY 2022 QRDA Category I File Format Expectations?

CMS expects *one QRDA Category I file, per patient, per quarter*. Each QRDA Category I file should include all measures applicable to that patient, and all episodes of care that are applicable to the measures being reported in that reporting quarter.

- Maximum individual file size is 10 megabytes.
- Upload files by ZIP file (.zip).
- The maximum number of QRDA Category I files within the zip file is 14,999.

Tip: Prior to data upload, verify your ZIP file does not contain other ZIP files. A ZIP file contained within a ZIP file will be “delayed” in the HQR system.

# FAQ #6: Will the system reject our file if we combine Q1 and Q2 data within an individual QRDA Category I file?

Yes! The QRDA Category I file format has not changed. Submit **one QRDA I file / per patient / per quarter**. Each file should include all measures applicable to that patient, and all episodes of care applicable to the reported measures.

Tip: Zip files may contain QRDA Category I files from different quarters and different CMS Certification Numbers (CCNs).

# FAQ #7: Why is my file processing status showing “delayed”?

A new “delayed” submission status is now available using File Upload in the HQR System. The “Delayed” status will appear when a file has failed to process for an unknown reason.

Tip: Contact the CCSQ Service Center to examine your file and help it move through the upload process. CMS does not recommend uploading the file again.

# FAQ #8: How does the HQR System decide when to overwrite previously submitted files?

The HQR System uses Succession Management. The HQR System will identify QRDA Category I files with 5 matching key elements. The newest QRDA Category I *production* file submission will overwrite the previous file submission containing the following same elements.

Element	Example
CMS Certification Number	CCN
CMS Program Name	HQR_PI or HQR_IQR or HQR_PI_IQR
EHR Patient ID	Up to 256 characters in length (numbers/letters)
Reporting Period	For Q1: Low Value – “20220101” High Value – “20220331”
EHR Submitter ID	Hospitals – CCN Vendors – Vendor ID

Tip: Succession management applies to production file submissions only. Delete previous test file submissions prior to resubmitting your test data.



# FAQ #9: Which version of CEHRT is required for CY 2022 eCQM reporting?

Hospitals participating in the Hospital IQR and Medicare Promoting Interoperability Programs are required to use Health Information Technology (Health IT) certified by the Office of the National Coordinator for Health IT (ONC) to the following:

- Existing 2015 Edition certification criteria
- 2015 Edition Cures Update criteria
- Combination of both

Note: EHRs must be certified to all available eCQMs.

Tip: To check whether a health IT product has been certified, visit the Certified Health Information Technology Product List (CHPL):

<https://chpl.healthit.gov/#/search>

# FAQ #10: How can I confirm my hospital met the CY 2022 eCQM reporting requirement?

The Program Credit User Interface is available to hospitals and their vendors to review how production data applies toward program credit. A banner indicates the hospital's reporting status. Click the Export Report button to download the report.

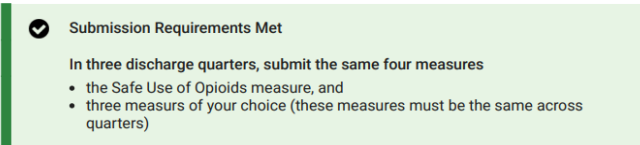
**Green Banner = Requirements Met**

**Yellow Banner = Requirements Not Met**

Program Credit Report Page 1 of 1  
Exported 11/17/2022 10:39 AM

**Inpatient Quality Reporting (IQR)** Discharge Quarter: Q2 2022  
Reporting Period Due: 2/28/2023  
Last Updated: 10/21/2022 1:48 PM

eCQM

 **Submission Requirements Met**

In three discharge quarters, submit the same four measures

- the Safe Use of Opioids measure, and
- three measures of your choice (these measures must be the same across quarters)

*Facilities must submit calendar year 2022 data for payment in fiscal year 2024*

This report shows successfully submitted measures that meet eCQM reporting requirements. Measures that aren't shown are considered "Not Submitted."

To submit successfully:

- Use Health IT certified by ONC to meet the 2015 Edition Certification Criteria, the 2015 Edition Cures Update Certification Criteria, or both
- Submit Quality Reporting Document Architecture (QRDA) Category I files, zero denominator declarations, or case threshold exemptions

Measure	Submission Status	Last Updated
ED-2	Submitted	10/21/2022 1:48:28 PM
Safe Use of Opioids	Submitted	10/21/2022 1:45:53 PM
VTE-1	Submitted	10/21/2022 1:48:28 PM
VTE-2	Submitted	10/21/2022 1:48:28 PM

This HQR Program Credit Report is accurate as of the "Last Updated" date above. If you resubmit files, modify denominator declarations, or make other reporting changes, you should rerun the report prior to the submission deadline to confirm the submission status of eCQMs submitted to the Hospital IQR and/or PI programs. This view facilitates monitoring of submissions to the HQR system. It does not confirm or deny that a provider qualifies for the annual payment update.

Program Credit Report Page 1 of 1  
Exported 11/17/2022 10:36 AM

**Inpatient Quality Reporting (IQR)** Discharge Quarter: Q1 2022

eCQM

 **Submission Requirements Not Met**

In three discharge quarters, submit the same four measures

- the Safe Use of Opioids measure, and
- three measures of your choice (these measures must be the same across quarters)

*Facilities must submit calendar year 2022 data for payment in fiscal year 2024*

This report shows successfully submitted measures that meet eCQM reporting requirements. Measures that aren't shown are considered "Not Submitted."

To submit successfully:

- Use Health IT certified by ONC to meet the 2015 Edition Certification Criteria, the 2015 Edition Cures Update Certification Criteria, or both
- Submit Quality Reporting Document Architecture (QRDA) Category I files, zero denominator declarations, or case threshold exemptions

Measure	Submission Status	Last Updated
PC-05	Zero Denominator Declaration	10/18/2022 4:36:51 PM
VTE-2	Zero Denominator Declaration	10/18/2022 4:36:51 PM

This HQR Program Credit Report is accurate as of the "Last Updated" date above. If you resubmit files, modify denominator declarations, or make other reporting changes, you should rerun the report prior to the submission deadline to confirm the submission status of eCQMs submitted to the Hospital IQR and/or PI programs. This view facilitates monitoring of submissions to the HQR system. It does not confirm or deny that a provider qualifies for the annual payment update.

# FAQ #11: Our hospital did not meet the eCQM requirement. What can we do?

- For the Hospital IQR Program, refer to the [Extraordinary Circumstances Exception \(ECE\) Policy](#). ECE Request Forms are due **April 3, 2023**.
- For the Medicare Promoting Interoperability Program, refer to the [Scoring, Payment Adjustment, and Hardship Information](#).
  - CMS will announce when the Hardship Exception Applications for the Medicare Promoting Interoperability Program are available.

Tip: CMS will review requests on a case-by-case basis and will notify the provider of the decision.

# FAQ #12: How will CMS validate CY 2022 eCQM data?

For the Hospital IQR Program, eCQM data reported Q1 2022–Q4 2022 will be validated affecting the FY 2025 payment determination.

- CMS will validate up to 24 cases from 3 calendar quarters of CY 2022 eCQM data (up to 8 cases per quarter for 3 quarters).
- From each quarter, CMS will randomly select 1 to 8 cases per measure, depending on how many measures a hospital reported to CMS, for no more than 8 cases total across all measures.
- Selected hospitals must submit 100 percent of requested medical records within 30 days of the date listed on the medical records request.
- Timely and complete submission of medical record information will impact FY 2025 payment updates for subsection (d) hospitals.
- Please direct any additional validation questions to the eCQM validation contractor at [validation@telligen.com](mailto:validation@telligen.com).

Tip: Accuracy of eCQM data (i.e., the extent to which data abstracted for validation match the data in the files submitted for validation) **will not** affect a validation score for the FY 2025 payment determination.

## **FAQ #13: Does documentation noting a “History of Breast Cancer” meet the denominator exclusion criteria for the Safe Use of Opioids eCQM?**

Questions related to eCQM logic and specifications are addressed in the ONC Jira Project Tracking System, specifically the [eCQM Issue Tracker](#).

Tip: Perform a quick search first as the measure steward may have already addressed a similar question.

# FAQ #14: Does the HQR System validate units using the PQ data type?

For CY 2022 eCQM reporting, the HQR System has been updated and will not validate units for the International Normalized Ratio. The eCQMs impacted are VTE-1, VTE-2, and STK-5.

Tip: This guidance is in alignment with The Joint Commission and is reflected in the [CMS QRDA Category I 2023 Implementation Guide.](#)

PQ=physical quantity

# eCQM and Hybrid Measure Support Resources

Topic	Contact
<ul style="list-style-type: none"> <li>HQR System (HCQIS Access Roles and Profile (HARP), vendor roles, uploading files, reports, troubleshooting file errors)</li> <li>Medicare Promoting Interoperability (attestation, objectives, policy, hardship)</li> </ul>	<p>Center for Clinical Standards and Quality (CCSQ) Service Center (866) 288-8912 <a href="mailto:QNetSupport@cms.hhs.gov">QNetSupport@cms.hhs.gov</a> <a href="#">CCSQ Support Central</a></p>
Hospital IQR Program and Policy	<p>Hospital Inpatient Support Team (844) 472-4477 <a href="https://cmsqualitysupport.servicenowservices.com/qnet_qa">https://cmsqualitysupport.servicenowservices.com/qnet_qa</a></p>
<ul style="list-style-type: none"> <li>eCQM specifications (code sets, measure logic, measure intent)</li> <li>QRDA-related questions (CMS Implementation Guide, Sample Files and Schematrons)</li> <li>Hybrid measures – Technical (specifications, logic, value sets, QRDA)</li> </ul>	<p><b>ONC JIRA Issue Trackers</b> eCQM Issue Tracker <a href="https://oncprojecttracking.healthit.gov/support/projects/CQM/summary">https://oncprojecttracking.healthit.gov/support/projects/CQM/summary</a> QRDA Issue Tracker <a href="https://oncprojecttracking.healthit.gov/support/projects/QRDA/summary">https://oncprojecttracking.healthit.gov/support/projects/QRDA/summary</a> CMS Hybrid Measure Issue Tracker <a href="https://oncprojecttracking.healthit.gov/support/browse/CHM">https://oncprojecttracking.healthit.gov/support/browse/CHM</a></p>
Hybrid Measures – Non-Technical (policy, measure methodology)	<p>Yale New Haven Health Services Corporation/Center for Outcomes Research and Evaluation (YNHHSC/CORE) <a href="https://cmsqualitysupport.servicenowservices.com/qnet_qa">https://cmsqualitysupport.servicenowservices.com/qnet_qa</a></p>
eCQM Data Validation	Validation Support Team ( <a href="mailto:validation@telligen.com">validation@telligen.com</a> )
eCQM Public Reporting	<a href="#">Quality Question and Answer Tool</a>

# Webinar Questions

- Please email questions pertinent to the webinar topic to [WebinarQuestions@hsag.com](mailto:WebinarQuestions@hsag.com). Include the following information:
  - Subject Line: CY 2022 eCQM Reporting Tools and FAQs for the Hospital IQR Program and Medicare Promoting Interoperability Program
  - Email Body: If your question pertains to a specific slide, please include the slide number.
- If you have a question unrelated to the current webinar topic, we recommend that you first search for it in the Quality Inpatient Questions and Answers Tool:  
[https://cmsqualitysupport.servicenowservices.com/qnet\\_qa](https://cmsqualitysupport.servicenowservices.com/qnet_qa)  
If you do not find an answer, submit your question to us using the same tool.



CY 2022 eCQM Reporting Tools and FAQs for the  
Hospital IQR Program and Medicare Promoting Interoperability Program

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**Thank You**

# Disclaimer

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