



eCQI Resource Center

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Electronic Clinical Quality Improvement (eCQI) Resource Center

eCQI Resource Center
The one-stop shop for the most current resources to support Electronic Clinical Quality Improvement.

CMS The Office of the National Coordinator for Health Information Technology

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Topic areas: EH Measures | EP Measures | CQI | HQMF | QDM | QRDA | Katzner | eCOM Tools | Education | Implementers

The one-stop shop for the most current resources to support Electronic Clinical Quality Improvement.

Learn about eCQI resources and connect with the community of professionals who are dedicated to clinical quality improvement for better health

Getting Started
A gentle introduction to understanding eCQI and this Resource Center
[More information](#)

eCQMs
The who, what, when, where, and why of eCQMs
[More information](#)

Education
A selection of educational materials and resources to broaden your eCQI knowledge
[More information](#)

Latest News

Thu 01 Sep **eCQM Receiving System Accepting Production Files Beginning October 1, 2016**
On October 1, 2016, the Centers for Medicare & Medicaid Services (CMS) electronic Clinical Quality Measure (eCQM) data receiving system will begin accepting production file submissions for the Hospital Inpatient Quality Reporting (IQR) Program and the Medicare Electronic Health Record (EHR) Incentive Program. Submissions must be in Quality Reporting Document Architecture (QRDA) Category I file format and sent through the QualityNet Secure Portal. The CMS data receiving system will remain open for QRDA I file submissions until the CY 2016 reporting period submission deadline on... [Read more](#)

Thu 01 Sep **2016 Change Review Process (CRP) for eCQMs**
The 2016 Change Review Process (CRP) for eCQMs is now underway on the JIRA eCQM project. The goal of the CRP is to work with electronic clinical quality measure (eCQM) implementers to determine the impact of an update, while minimizing provider and health IT vendor burden in the collection, capture, calculation, and

Upcoming Events

Sep 12 2016 **FY 2017 IPPS Final Rule: IQR-EHR Incentive Program Requirements Webinar**
This presentation will provide participants with an overview of the Fiscal Year (FY) 2017 Inpatient Prospective Payment System (IPPS) Final Rule, as it relates to the alignment of the Hospital Inpatient Quality Reporting Program (IQR) and the Medicare Electronic Health Record (EHR) Incentive Program for eligible hospitals and critical access hospitals.

Sep 13 2016 **Cypress Testing Tool "Tech Talk"**
Bi-weekly Cypress "Tech Talk" call is held to review issues that arise when using the Cypress testing tool which verifies appropriate Electronic Health Record (EHRs) and EHR modules calculation of electronic Clinical Quality Measures (eCQMs).

One-stop shop for the most current resources to support electronic clinical quality improvement

<https://ecqi.healthit.gov>

Suggested Highlights to Show

- [EH/CAH Measures](#)
- [EP/EC Measures](#)
- These pages provide a listing of available eQMs and supporting materials required for use in CMS quality reporting programs by eligible and critical access hospitals and eligible professionals and clinicians for various reporting years. The page has a feature which allows you to select and filter measures and supporting materials by the reporting year.
- [eQCM Tools](#) The eQCM-related Tools ‘placemat’ is an excellent resource for those new to eQCM and eCQI and trying to navigate the various tools, standards, and resources used through the eQCM lifecycle.
- [eQCM Standards](#) The standards space has information on the technical standards used in the development, testing, implementation, and reporting of eQCMs. There are individual pages on the four standards: CQL, HQMF, QDM, and QRDA.

EH/CAH Measures Page

EH/CAH Measures

The screenshot shows a web browser window displaying the eCQM Implementation Checklist page. The browser address bar shows the URL: ecqi.healthit.gov/eligible-hospital-critical-access-hospital-ecqms. The page header includes the CMS logo and navigation links: About, FAQ, Glossary of eCQM Terms, eCQM Events, and eCQM Resource Center Contact Information. The main navigation bar lists various topic areas: eCQMs, Eligible Hospital / Critical Access Hospital eCQMs, EP / EC Measures, eCQM Tools, eCQM Standards, Kaizen, Education, Implementers, Engage, and CDS.

Eligible Hospital / Critical Access Hospital eCQMs

The electronic clinical quality measures (eCQMs) are updated for calendar year 2018 reporting for the Hospital Inpatient Quality Reporting (IQR) Program and the Medicare and Medicaid Electronic Health Record (EHR) Incentive programs for Eligible Hospitals and Critical Access Hospitals.

Each year, CMS makes updates to the eCQMs adopted for submission in CMS programs. CMS requires the use of updated eCQMs for all its quality programs because they include updated codes, logic corrections, and clarifications. Reporting eCQM data to the Hospital IQR Program and for aligned credit for reporting of eCQMs to the EHR Incentive programs requires that hospitals use the most current version of the eCQMs identified below for the applicable reporting period.

In addition, CMS may publish addenda to the eCQM updates. The addenda provide updates to the codes used in value sets based on code system changes. CMS has updated eCQMs for potential inclusion in the following programs:

- Hospital Inpatient Quality Reporting (IQR) Program
- Medicaid Electronic Health Record (EHR) Incentive Programs for Eligible Hospitals and Critical Access Hospitals
- Medicare Electronic Health Record (EHR) Incentive Programs for Eligible Hospitals and Critical Access Hospitals

Use the eCQM Materials and follow the eCQM Implementation Checklist to update your electronic health record and processes for eCQM use and reporting.

Select Reporting Year | Search

2018 | Apply

Reporting Year: 2018 Reporting Period EH eCQMs

eCQM Materials

- eCQM Implementation Checklist
- eCQM Annual Update Pre-Publication Document March 2017
- eCQMs for Eligible Hospitals Tables May 2017
- eCQM Specifications for Eligible Hospitals May 2017
- eCQM Measure Logic Guidance v1.13 Update May 2017
- eCQM Technical Release Notes Update May 2017
- eCQM Technical Release Notes Eligible Hospital Update May 2017
- 2018 CMS QRDA 1 Implementation Guide for Hospital Quality Reporting
- 2018 CMS QRDA 1 Schematrons, and Sample Files for Hospital Quality Reporting
- eCQM Value Sets May 2017
- Binding Parameter Specification (BPS)

Measure Name	Short Name	CMS eCQM ID	NCP ID	Measure Steward	USHIK Version Links
Anticoagulation Therapy for Atrial Fibrillation/Flutter	Stroke3	CM571v7	None	The Joint Commission	Version Detail # Version Compare #
Antithrombotic Therapy By End of Hospital Day 2	Stroke5	CM572v6	None	The Joint Commission	Version Detail #

EP/EC Measures Page

EP/EC Measures

The screenshot shows a web browser window displaying the 'Eligible Professional / Eligible Clinician eCQMs' page on the eCQI website. The page includes a navigation menu, a search bar, and a main content area with the following sections:

Eligible Professional / Eligible Clinician eCQMs

The electronic clinical quality measures (eCQMs) are updated for calendar year 2018 reporting for the Quality Payment Program (QPP), the Merit-based Incentive Payment System (MIPS) for MIPS Eligible Clinicians and Alternative Payment Models (APMs), and the Medicaid EHR Incentive Program (EHRP) Incentive Program for Eligible Professionals. Measures will not be eligible for 2018 reporting unless and until they are proposed and finalized through notice-and-comment rulemaking for each applicable program.

Each year, CMS makes updates to the eCQMs adopted for submission in CMS programs. CMS requires the use of updated eCQMs for all its quality programs because they include updated codes, logic corrections, and clarifications. Reporting eCQM data to the QPP, MIPS and APMs, and the Medicaid EHR Incentive program requires that an eligible professional or eligible clinician use the most current version of the eCQMs identified below for the applicable performance period.

In addition, CMS may publish addenda to the eCQM updates. The addenda provide updates to the codes used in value sets based on code system changes.

CMS has updated eCQMs for potential inclusion in the following programs:

- Quality Payment Program: The Merit-based Incentive Payment System (MIPS) for MIPS Eligible Clinicians and Alternative Payment Models
- Alternative Payment Model: Comprehensive Primary Care Plus (CPC+)
- Medicaid EHR Incentive Program for Eligible Professionals

Use the eCQM Materials and follow the eCQM Implementation Checklist to update your electronic health record and processes for eCQM use and reporting.

Request space membership

eCQM Implementation Checklist

Select Performance/Reporting Year: 2018

Performance/Reporting Year	eCQM Materials
2018 Performance Period EP/EC eCQMs	<ul style="list-style-type: none">eCQM Implementation ChecklisteCQM Annual Update Pre-Publication Document March 2017eCQMs for Eligible Professionals and Clinicians Table May 2017eCQM Specifications for Eligible Professionals and Clinicians May 2017eCQM Measure Logic Guidance v1.13 Update May 2017eCQM Technical Release Notes Update May 2017eCQM Technical Release Notes Eligible Professionals and Clinicians May 2017eCQM Value Sets May 2017Binding Parameter Specification (BPS)

Measure Name	CMS eCQM ID	Domain	NQF ID	Measure Steward	USHRK Version Links
Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	CMS161v6	Effective Clinical Care	0104	PCPI(R) Foundation (PCPI(R))	Version Detail Version Compare
Anti-depressant Medication Management	CMS120v6	Effective Clinical Care	0105	National Committee for Quality Assurance	Version Detail Version Compare

eCQM Standards Page

eCQM Standards

The screenshot shows a web browser window displaying the eCQI Resource Center website. The browser's address bar shows the URL ecqi.healthit.gov/ecqi-standards. The website header includes the eCQI Resource Center logo and navigation links for About, FAQ, Glossary of eCQI Terms, eCQI Events, eCQI Resource Center, and Contact information. A search bar and a 'Login' button are also present.

The main content area is titled "eCQI Standards" and features a sub-heading "What are electronic Clinical Quality Improvement standards?". Below this, there is a "Request space membership" button. The text explains that standards are critical to data consistency, validity, and interoperability, and lists several benefits: Share information, Develop software, Integrate data, and Implement systems. It also provides links for more information on Health IT standards and a complete list of eCQM Standards and Tool Versions by year.

The "eCQM standards" section contains four green boxes representing different standards: CQL (Clinical Quality Language), HQMF (Health Quality Measures Format), QDM (Quality Data Model), and QRDA (Quality Reporting Document Architecture).

The "Current CDS standards:" section lists: Virtual Medical Record (VMR) data model and templates, Health eDecisions (HeD) CDS Knowledge Artifact Specification (KAS) (including Rules, order sets, documentation templates), and Health eDecisions (HeD) Decision Support Service (DSS) and Implementation Guide. A note states that while eCQI is made up of eCQIs and Clinical Decision Support (CDS), you don't think both use the same standards, but they don't. It's important to understand the difference.

A link is provided to "Learn about efforts to harmonize CDS/eCQM Standards:" leading to a box titled "CDS/eCQM Harmonization" with the sub-heading "Harmonize CDS/eCQM Standards".

At the bottom, there are links to "Read about HL7 standards and HL7 standards for use in HHS incentive programs" and "Explore ONC's Standards and Interoperability (S&I) Framework" and the S&I Clinical Quality Framework Initiative.

The Windows taskbar at the bottom shows the search bar, taskbar icons for various applications, and the system tray with the date and time (9:33 AM, 8/15/2017).

eCQI Resource Center Feedback

- Provide feedback to ecqi-resource-center@hhs.gov
- Submit key eCQI events for highlighting on the eCQI Resource Center
- Add a link to the eCQI Resource Center from your program's website