

ECQI RESOURCE CENTER USER GROUP

June 21, 2022

Presenters:

Vidya Sellappan, CMS

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ECQI RESOURCE CENTER USER GROUP AGENDA

- Welcome
- Review of Recently Live Enhancements and Key Content
- Review of Enhancement List
- Discussion
- Next Steps
- Appendix
 - eCQI Resource Center User Group
 - Membership
 - Goals
 - Objectives



SUBMITTING FEEDBACK DURING THE USER GROUP

- Polling Feature:
 - Look at right panel – one poll during this session
- General feedback:
 - Use the chat feature at anytime to provide input



POLL 1 – USER GROUP MEMBERS IN ATTENDANCE

- Please respond to the poll in the polling feature
- Select the user type you most identify with:
 - A. CDS Developer/Steward/Implementer - 0%
 - B. eCQM Implementer working with Eligible Hospital and Critical Access Hospital - 14%
 - C. eCQM Implementer working with Eligible Clinician - 35%
 - D. eCQM Implementer working with Eligible Hospital, CAH and Clinician - 0%
 - E. Health IT Developer/Vendor - 14%
 - F. Measure Developer/Measure Steward - 20%
 - G. Other - 17%



DEMONSTRATIONS NEW ENHANCEMENTS AND CONTENT

- Digital Quality Measures (dQM)
- eCQM Annual Update
 - Improvements to eCQM Resources Display
 - Data Element Repository
 - eCQM individual pages added Reset button for searching eCQMs
- Measure Compare Phase Three
 - Highlight the instructions with colors
- eCQM Known Issues
- FAQs and Q&As



DIGITAL QUALITY MEASURES WEBPAGE

A component of the eCQI Resource Center



CMS HAS SET THE CRITICAL GOAL OF TRANSITIONING TO DIGITAL QUALITY MEASUREMENT

CMS has set a new course for quality measurement aimed at contributing to a learning health system to optimize patient safety, outcomes, and experience



Enable a future in which **care quality is entirely measured digitally**, using standardized, interoperable data



Reduce the burden of electronic health record (EHR) data mapping and reporting workflows by leveraging **Fast Healthcare Interoperability Resources (FHIR®) application programming interface (API) technology that is already required for interoperability**



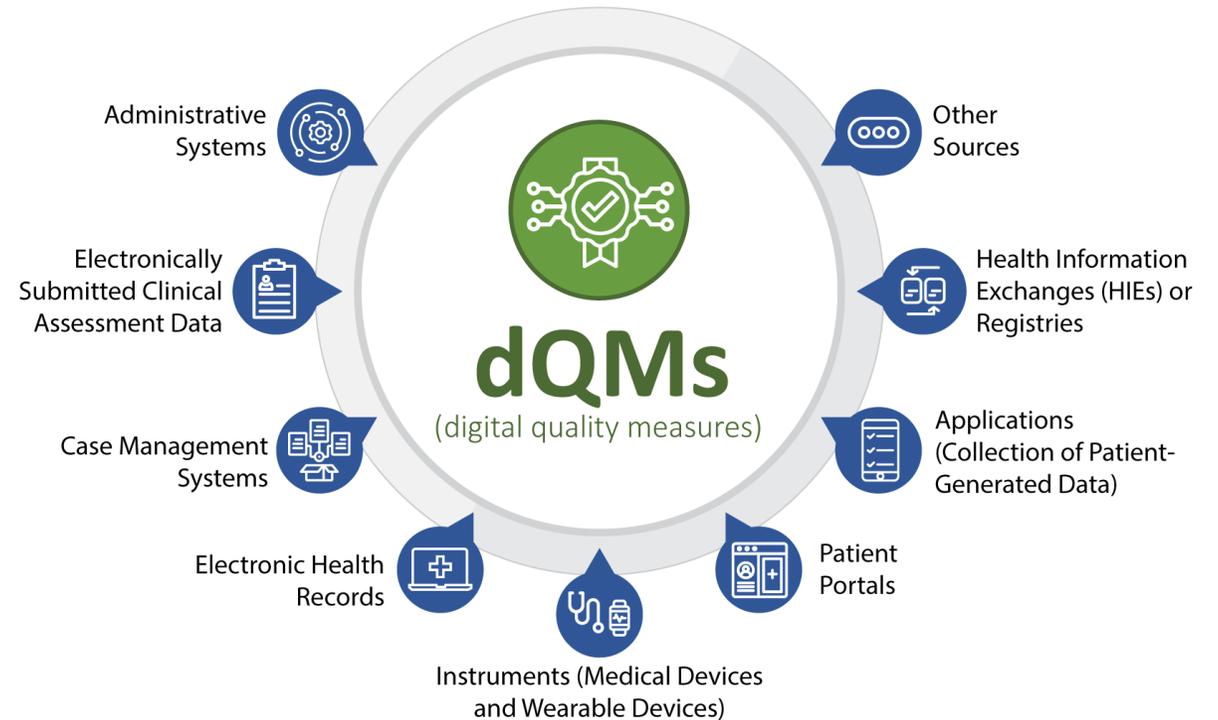
Provide usable, timely data from multiple sources to support delivery of high quality of care and quality improvement



Produce reliable and valid measurement results common across multiple programs and payers

DIGITAL QUALITY MEASURES DEFINED

- Digital Quality Measures (dQMs) are quality measures, organized as self-contained measure specifications and code packages, that use one or more sources of health information that are captured and can be transmitted electronically via interoperable systems



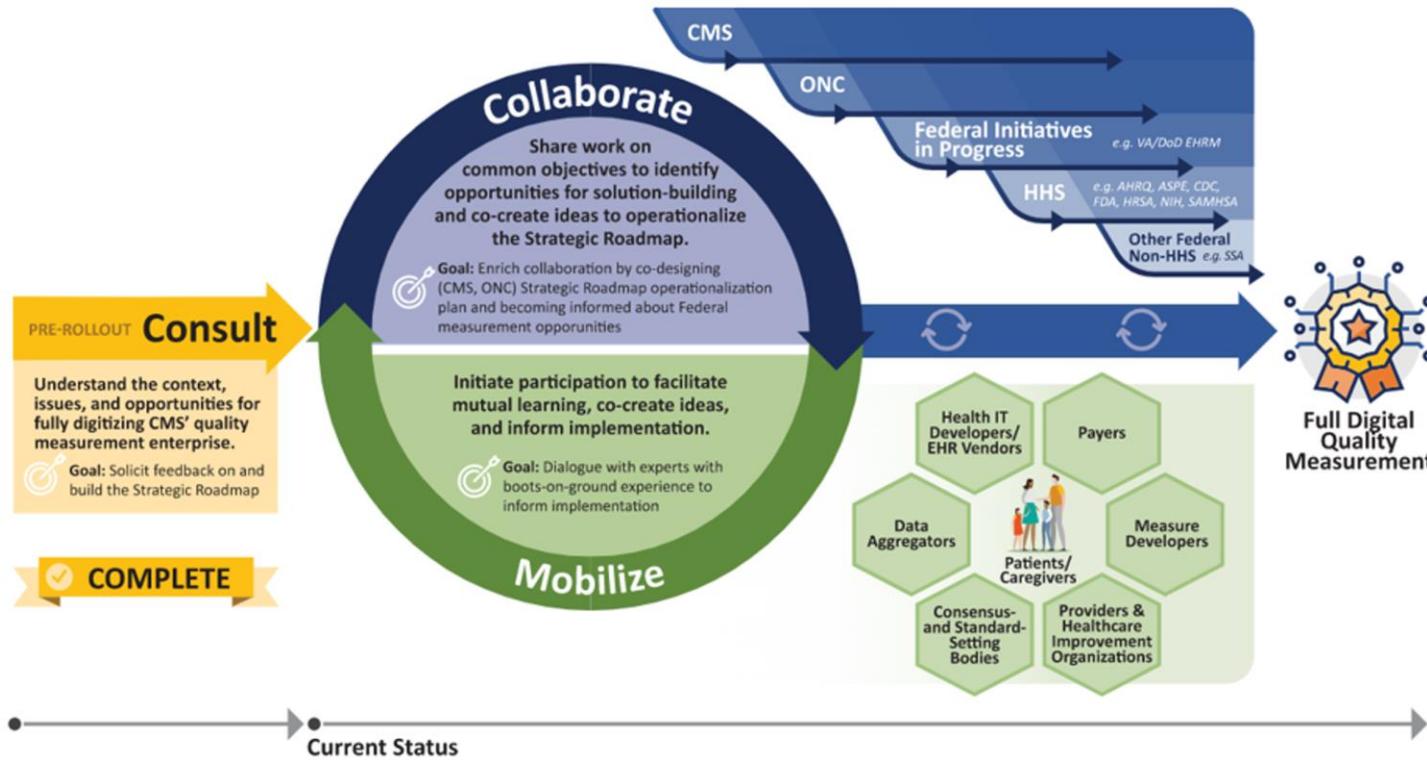
CMS DEVELOPED A STRATEGIC ROADMAP FOR ADVANCING DIGITAL QUALITY MEASUREMENT CENTERED AROUND FOUR KEY DOMAINS

STRATEGIC ROADMAP



STAKEHOLDER ENGAGEMENT IS KEY FOR SUCCESS

CMS aims to actively engage with a broad set of stakeholders to ensure the success of developing, operationalizing, and maintaining the dQM Strategic Roadmap and transitioning to digital quality measurement



Acronym	Description
AHRQ	Agency for Healthcare Research and Quality
ASPE	Assistant Secretary for Planning and Evaluation
CDC	Centers for Disease Control and Prevention
EHRM	Electronic Health Record Modernization
FDA	United States Food and Drug Administration
HIMSS	Healthcare Information and Management Systems Society
HRSA	Health Resources and Services Administration
NIH	National Institutes of Health
SAMHSA	Substance Abuse and Mental Health Services Administration
SSA	United States Social Security Administration

CMS LAUNCHED A NEW WEBPAGE WITH DIGITAL QUALITY MEASUREMENT INFORMATION AND RESOURCES

- Goal of the webpage:
 - Provide a public location for stakeholders to access information and materials related to CMS's plans and activities to move toward digital quality measurement
 - A well-informed stakeholder community will be more prepared to advise CMS through future engagement activities and will be better equipped to plan their own digital strategies and investments
 - CMS intends to expand the content over time as more information and resources become available

FINDING THE DQM PAGE ON THE ECQI RESOURCE CENTER

The Digital Quality Measures page is located on the eCQI Resource Center, the CMS “one-stop shop” for stakeholders engaged in electronic quality improvement

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

The screenshot shows the eCQI Resource Center website. The navigation menu includes: eCQI RESOURCE CENTER, eCQMs (Electronic Clinical Quality Measures), dQMs (Digital Quality Measures), Resources (Standards, Tools, & Resources), About (eCQI, CDS, FAQs, Engage), and Log in (Manage Your Account). A search bar is located on the right. The main content area features a blue banner with the text: "Electronic Clinical Quality Improvement (eCQI) Resource Center. The 'one-stop shop' for stakeholders engaged in electronic quality improvement." Below this are two orange buttons: "Eligible Clinician eCQMs" and "Eligible Hospital / Critical Access Hospital eCQMs". To the right, there is a "Featured News & Events" section with two items: "Apr 05, 2022 Now Available: NEW Digital Quality Measures Page..." and "Apr 19, 2022 @ 3:00pm EDT eCQI Resource Center Website User Group". At the bottom, there is a search section with a dropdown for "PERFORMANCE/REPORTING PERIOD" (set to "- Any -") and a text input for "FIND AN eCQM" (placeholder: "Enter a Measure Title or CMS ID (Up to 10 results displayed initially)"), followed by a "Find an eCQM" button. A yellow arrow points to the "dQMs" link in the navigation menu.

WHAT INFORMATION CAN BE FOUND HERE?

- The dQM page includes four tabs:
 1. dQM Strategic Roadmap
 2. About dQMs
 3. Tools and Resources
 4. Education



THE DQM STRATEGIC ROADMAP TAB PROVIDES AN OVERVIEW OF CMS'S STRATEGY ACTIVITIES FOR ADVANCING DIGITAL QUALITY MEASUREMENT

Digital Quality Measures

[View](#) [Edit](#) [Delete](#) [Revisions](#) [Clone](#)

[Receive updates on this topic](#)

dQM Strategic Roadmap

[About dQMs](#)

[Tools & Resources](#)

[Education](#)

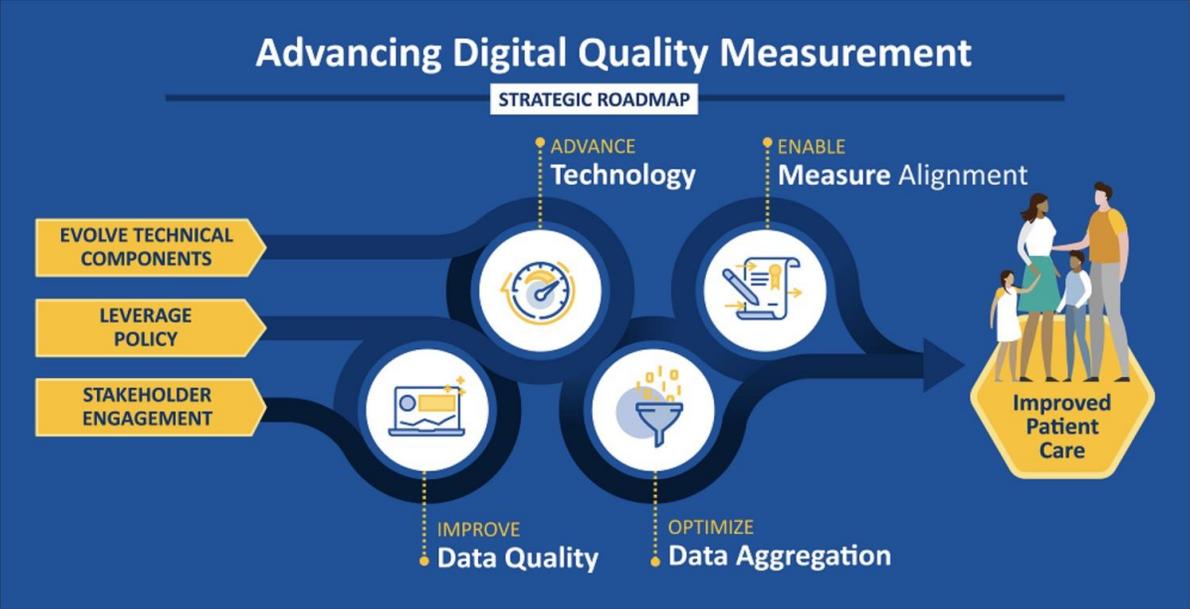
The Centers for Medicare & Medicaid Services (CMS) has set the goal of advancing quality measurement by transitioning all [quality measures](#) used in its reporting programs to [digital quality measures](#) (dQMs). CMS has developed a dQM Strategic Roadmap to outline the strategy and activities required to transition to digital measurement.

Advancements in the interoperability of health care data and requirements from CMS and the Office of the National Coordinator for Health Information Technology (ONC) have created an opportunity to modernize CMS's quality measurement systems. The [ONC 2019 Cures Act](#) final rule requires health information technology (IT) developers to update their certified health IT to support [Fast Healthcare Interoperability Resources](#) (FHIR) Release 4 and specific data standards. Aligning technology requirements for IT developers, providers, payers, and [health IT developers](#) allows for advancement of an interoperable health IT infrastructure that ensures providers and patients have access to health data when and where it is needed.



DETAILED DOCUMENTATION CAN ALSO BE FOUND ON THIS TAB

ecqi.healthit.gov/dqm



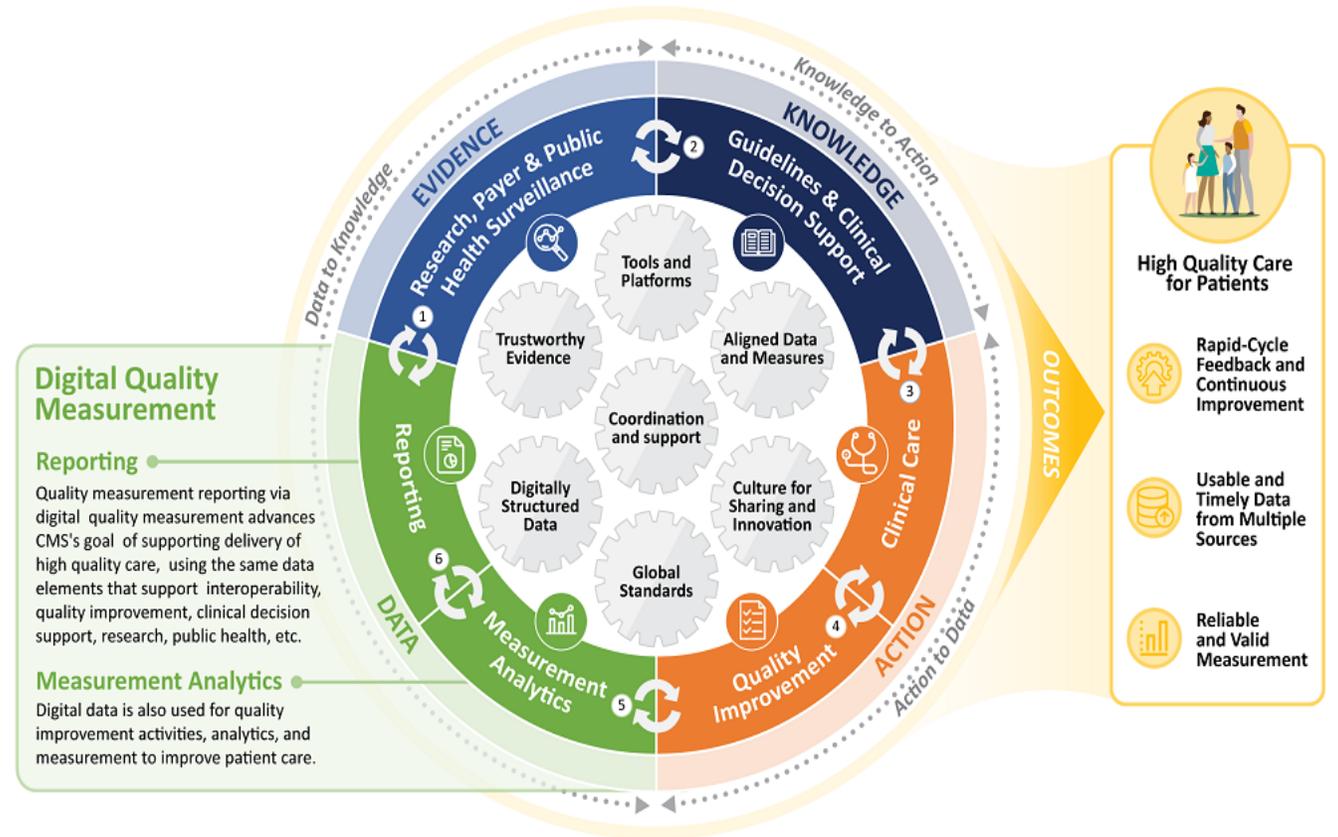
dQM Strategic Roadmap Documentation	Published
FY 2022 Inpatient Prospective Payment System (IPPS)/Long-Term Care Hospital (LTCH) Prospective Payment System (PPS) final rule ↗ : Advancing to Digital Quality Measurement and the Use of Fast Healthcare Interoperability Resources (FHIR) in Hospital Quality Programs—Request for Information	August 2021
CY 2022 Physician Fee Schedule final rule ↗ : Advancing to Digital Quality Measurement and the Use of Fast Healthcare Interoperability Resources (FHIR) in Physician Quality Programs—Request for Information	November 2021
dQM Strategic Roadmap (PDF)	April 2022
dQM Strategic Roadmap Executive Summary Slide Deck (PDF)	April 2022



THE ABOUT DQMS TAB INCLUDES A DESCRIPTION OF DQMS AND THEIR ROLE IN A LEARNING HEALTH SYSTEM

How do dQMs contribute to a learning health system?

Digital measurement is one component of a learning health system. In a learning health system, standardized and interoperable digital data from a single point of collection support multiple use cases, including quality measurement, quality improvement efforts, [clinical decision support](#), research, and public health. Data used for quality measurement, as well as other use cases, should be a seamless outgrowth of data generation from routine clinical and administrative [workflows](#). This approach supports data analysis, rapid-cycle feedback, and quality measurement that are aligned for continuous improvement in patient-centered care.



Adapted from HL7 Clinical Quality Information (CQI) Workgroup by Maria Michaels, Centers for Disease Control and Prevention

THE TOOLS AND RESOURCES TAB INCLUDES LINKS TO RELATED INITIATIVES

Digital Quality Measures

View Edit Delete Revisions Clone

[Receive updates on this topic](#)

dQM Strategic Roadmap

About dQMs

Tools & Resources

Education

CMS's [dQM](#) Strategic Roadmap and strategy for the transition to digital measurement requires collaboration and engaged interoperability work across the healthcare ecosystem. CMS is closely collaborating with initiatives and projects including:

- [Office of the National Coordinator for Health IT \(ONC\)'s United States Core Data for Interoperability \(USCDI\)](#)
- [ONC's USCDI+ Initiative](#)
- [ONC's Interoperability Standards Advisory \(ISA\)](#)
- [Health Level Seven International® Fast Healthcare Interoperability Resources® standard](#)
- [Centers for Disease Control \(CDC\) Public Health Data Interoperability](#)
- [CDC Public Health Data Modernization Initiative](#)



WE WELCOME YOUR FEEDBACK

ecqi-resource-center@hhs.gov

- Joel Andress, joel.andress@cms.hhs.gov
- Faseeha Altaf, faseeha.altaf@yale.edu
- Grace Glennon, grace.glennon@yale.edu
- Audience Questions
 - When is CMS planning to implement dQMs? CMS will continue to evaluate provider and technical readiness before moving forward with final timelines.
 - Will the dQMs be required for CAHs? CMS has yet to determine this.
 - Will the deck being posted include these slides? Yes, they will be included.



DEMONSTRATIONS NEW ENHANCEMENTS AND CONTENT (CONT.)

- eCQM Annual Update
 - Improvements to eCQM Resources Display
 - eCQM individual pages added Reset button for searching eCQMs
 - Value Set labeling from eCQM Resources table
 - Group likes that it says value sets which is short and clear. Suggest keeping this and use a colon for the long title.
 - Can the hyperlink open in a new tab. No as a default, you can open in a new tab by hovering over the link and right clicking
- Measure Compare Phase Three
 - Highlight the instructions with colors
 - It would be helpful to see what changed for 4 years rather than 3. Use this feature to when looking at measure results and benchmarks.
 - Would like to see technical release notes back 4 years also.
- eCQM Known Issues
 - CMS90v11
 - CMS117v10
 - CMS127v10
 - CMS127v11
- FAQs and Q&As



APPROVED ENHANCEMENTS STATUS

Enhancement	Source	Status
InfoTRAC / Tools and Resources Update	End Users eCQI RC Team	In Development
Documentation for interpreting CQL logic-timing functions	End Users	In Development
Measure Selection	eCQI RC Team	In Discovery
Measure 'Shopping Cart' Feature	End Users	Planned
Individual measure pages – parsing additional HTML fields	End Users	In Discovery
Home page - Reduce size of featured resources to improve view of news and events	End Users	In Development



SUGGESTED ENHANCEMENTS

Enhancement	Source
eCQM Jira Tracker integration	End Users
CMS Measures Inventory Tool (CMIT) integration	eCQI RC Team
Measure Collaboration Workspace or individual eCQM pages to include eCQM testing bundles for FHIR	End Users
CQL Libraries - FHIR based	eCQI RC Team
eCQM FHIR on-line Implementation Guide	eCQI RC Team



DISCUSSION



- Data Element Repository
 - Hybrid Measures and Outpatient Quality Reporting eCQMs
 - Keep separate for consistency.
 - Reporting years are different so keep them split out.
 - Having Outpatient Quality Reporting separated out is helpful because the hospital world isn't used to having outpatient eCQMs.
- Meaningful Measures
 - How do you use these?
 - What is value to you of having these published on the eCQM tables? On the individual measure pages?
 - Do not use.
- Quality Domains – (Eligible Clinicians)
 - How do you use these?
 - What is value to you of having these published on the eCQM tables? On the individual measure pages?
 - Much of CMS publications emphasis MM and QD esp when developing measures.
 - Sorting and filtering is helpful esp for provider who wants to focus on MIPS and use one measure to hit a couple criteria pieces.
 - Are there other fields that are more important to have on the main table? No.



DISCUSSION (CONT.)



Taxonomy Demonstration

- Do you currently use this feature?
 - I've used this before and find it very useful
 - Yes, I have used those features Ian and they are helpful
 - Yes, these filters are useful because the library is so large and if i just want to target my search
- Would you use this feature in the future based on the demonstration?
 - User level very helpful for novice searchers
 - Suggest making a video of this feature and highlight it on the home page
 - Search in general is hidden – didn't know you could view this way – highlight it

ECQI RESOURCE CENTER USER GROUP NEXT STEPS

- Send feedback and suggestions for site improvement to ecqi-resource-center@hhs.gov
- Attend the next eCQI Resource Center User Group Meeting: **August 16, 2022, at 3pm EST**
- Add meeting series to your calendar: <https://ecqi.healthit.gov/events/1451>
- Review past meeting notes on the [eCQI Resource Center User Group](#) page



APPENDIX

- eCQI Resource Center User Group Membership
- eCQI Resource Center Goal
- eCQI Resource Center Objectives



ECQI RESOURCE CENTER USER GROUP MEMBERSHIP

- Volunteer forum of stakeholders who use the electronic clinical quality improvement (eCQI) Resource Center to obtain key resources necessary for electronic clinical quality measure (eCQM) development, implementation, and reporting and education about eCQM and eCQI concepts and standards.
 - Open membership
 - Bi-monthly meetings held the third Tuesday at 3pm EST
 - June 21
 - August 16
 - October 18



ECQI RESOURCE CENTER USER GROUP GOAL

- Provide broad stakeholder input in the development and maintenance of the eCQI Resource Center's functionality and content to support the eCQI community.
 - Identify, discuss, and review the needs of the eCQI implementer community.
 - The outcome of discussions will result in suggested enhancements to the Centers for Medicare and Medicaid Services (CMS) eCQI Resource Center COR for approval.
 - Approved suggestions for enhancements will result in implementation on the eCQI Resource Center, deeper investigation at eCQI Resource Center focus groups, and/or be placed on the eCQI Resource Center backlog suggestion list.



ECQI RESOURCE CENTER USER GROUP OBJECTIVES

- Focus on the implementer community including the usability of and gaps in resources provided
- Inform users of new functionality and content
- Gather real-world feasibility and community feedback on proposed eCQI Resource Center enhancements and features
- Provide eCQI Resource Center focus group opportunities
- Prioritize items for in depth discussion during eCQI Resource Center focus groups
- Advance CMS's understanding of implementer needs for Fast Healthcare Interoperability Resources® eCQMs
- Understand the needs of the eCQI community

