Center for Rural Health



Breakout 2A

MBQIP Site Visits ND Flex Program and ND CAH Quality Network

July 19, 2023 Flex Program Reverse Site Visit Washington, DC

Presented by Jody Ward, ND Flex Program Director



- Established in 1980, at The University of North Dakota (UND) School of Medicine and Health Sciences in Grand Forks, ND
- One of the country's most experienced state rural health offices
- UND Center of Excellence in Research, Scholarship, and Creative Activity
- Home to seven national programs
- Recipient of the UND Award for Departmental Excellence in Research

Focus on

- Educating and Informing
- Policy
- Research and Evaluation
- Working with Communities
- American Indians
- Health Workforce
- Hospitals and Facilities

ruralhealth.und.edu

ND Flex Program Team 2023



Brad Gibbens, Acting Director Center for Rural Health



Jody Ward, Flex Program Director



Nicole Threadgold, Senior Project Coordinator (Finance & Operations & SHIP)



Anna Walter, Project Coordinator (RHC Network)

ND Healthcare Environment



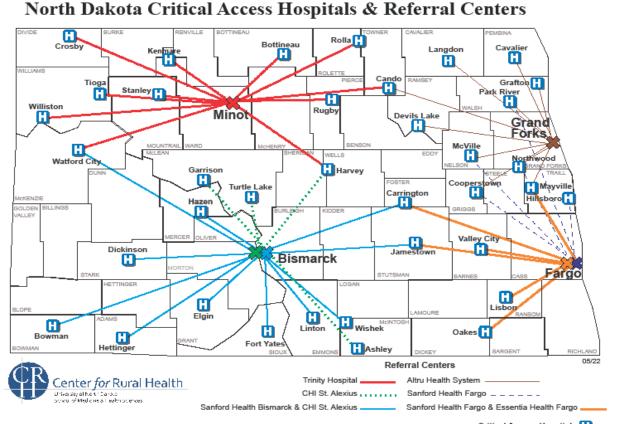


- 779,000 North Dakotans (ranks 47th in population)
- About 71,000 square miles (ranks 19th in size)
- Over 400 organized communities (abut one half having 200 or less people)
- 53 counties (some having less than 2,000 or less people)

US Census data, 2020



37 ND Critical Access Hospitals

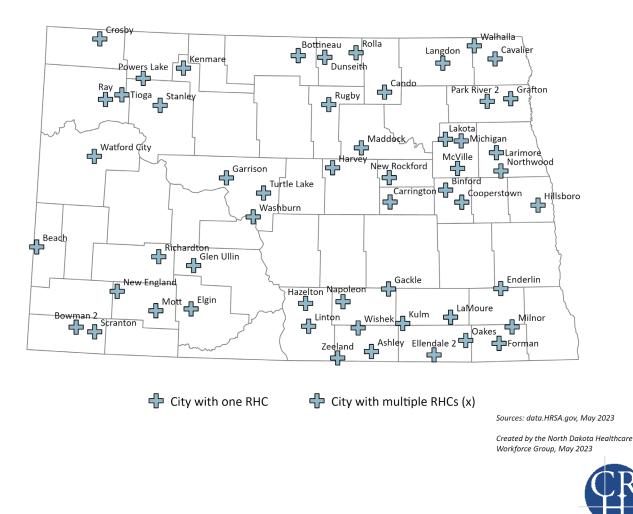


Critical Access Hospitals 📘



57 ND Rural Health Clinics

North Dakota Rural Health Clinics, 2023



Center for Rural Health University of North Dakota School of Medicine & Health Sciences

MBQIP Orientation

Medicare Beneficiary Quality Improvement Program (MBQIP)

- ND Flex Program takes a proactive approach to ensure CAHs are well equipped and prepared to meet quality reporting requirements
- Opportunity to understand their needs for technical assistance around data collection and reporting
- Focus on improving reporting, processes and systems of care around each domain of MBQIP



MBQIP Orientation

- Contact at CAH: Designated data reporting person, Quality Improvement, Director of Nursing or other.
- CAHs encouraged to work on MBQIP as a team approach (multiple people on orientation)
- Meeting set up by zoom 1 to 1.5 hour or in person
- In person meeting can be 1-3 hours depending on their needs





Structure of Meeting with CAH

- Set up computer and overhead projector (onsite visit), if by zoom share screen
- Introduce UND Center for Rural Health
- What is the Flex Program and domains of work
- How many Flex programs and CAHs nationwide
- Direction of our work comes from FORHP and expectation of CAHs nationwide
- Introduce our team
- Focus visit on MBQIP



Federal Office of Rural Health Policy (FORHP) Attention Toward Quality Improvement

Medicare Beneficiary Quality Improvement Program (MBQIP) participation is required to be eligible to participate in Flex activities and receive funds i.e.,

- Technical Assistance
- Education
- Site visits
- Other grant opportunities



MBQIP Resources

- Power Point to guide discussion and with detail about each of the measures under the domains of MBQIP
 - Specifications for each measure
- Handout of MBQIP Activity
- Handout Diagram of how data flows
 - QualityNet- Clinical Data Warehouse for CMS
 - NHSN-CDC
 - REDCap (ND Specific for EDTC)
- Handout MBQIP Data Submission Deadlines
- Handout of ND CAHs and Referral Centers
- Provide a resource slide to all MBQIP online resources with TASC and Stratis Health (Robyn Carlson)
 - Robyn Carlson open office hour calls for MBQIP data abstractors



Continued MBQIP Resources

- Handout how-to sign-up CDC NHSN
- Handout power point how to Confer Rights to ND CAH Quality Network Group for NHSN
- Discussion on vendor for HCAHPS and who is communicating with their vendor at their facility
- REDCap using portal to enter EDTC ND data
- QualityNet live demo
- Computerized Abstraction Reporting Tool (CART)
 - Are they using? Who is signed up already? Add to already installed program or assist with new install for outpatient measure collection
- Provide resources for CART
 - Online manual
 - Assist on how to use and abstraction



MBQIP Domains of Education

MBQIP Domains

- Patient Safety/Inpatient
- Patient Engagement
- Care Transitions
- Outpatient

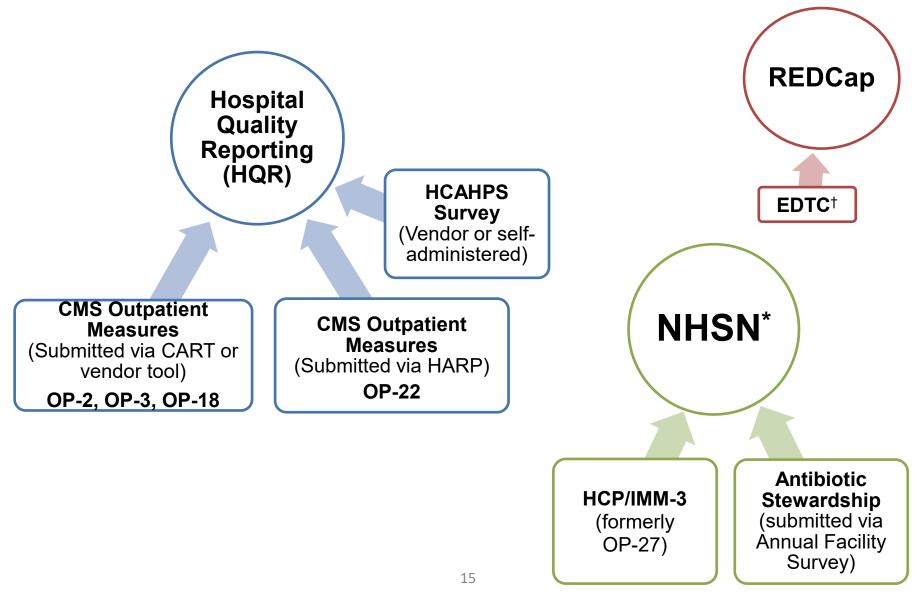
MBQIP measure abbreviations to know:
ABX: Antibiotic Stewardship
CART: CMS Abstraction and Reporting Tool
EDTC: Emergency Department Transfer
Communication
HCAHPS: Hospital Consumer Assessment of
Healthcare Providers and Systems
HCP: Vaccination Coverage Among
Healthcare Personnel
NHSN: National Healthcare Safety Network

MBQIP Activity 2023-2024

	Patient Safety/Inpatient	Patient Engagement	Care Transitions	Outpatient
Core MBQIP Measures	HCP: Influenza Vaccination Coverage Among Healthcare Personnel (HCP) (Facilities report a single rate for inpatient and outpatient settings) Antibiotic Stewardship: Measured via Center for Disease Control National Healthcare Safety Network (CDC NHSN) Annual Facility Survey	Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS): The HCAHPS survey contains 21 patient perspectives on care and patient rating items that encompass nine key topics: • Communication withDoctors • Communication withDoctors • Communication withNurses • Responsiveness of HospitalStaff • Pain Management • Communication about Medicines • Discharge Information • Cleanliness of the Hospital Environment • Quietness of the Hospital Environment • Transition of Care The survey also includes four screener questions and seven demographic items. The survey is 32 questions in length.	Emergency Department Transfer Communication (EDTC): 7 sub-measures; 27 data elements; 1 composite • EDTC-1:Administrative Communication (2 data elements) • EDTC-2:PatientInformation (6 data elements) • EDTC-3:VitalSigns (6 dataelements) • EDTC-4: Medication Information (3 data elements) • EDTC-5: Physician or Practitioner Generated Information (2 data elements) • EDTC-6:NurseGenerated Information (6 data elements) • EDTC-6:NurseGenerated Information (6 data elements) • EDTC-7: Procedures and Tests (2 data elements) • All-EDTC: Composite of All 27 data elements	 AMI: OP-2: Fibrinolytic Therapy Received within 30minutes OP-3: Median Time to Transfer to another Facility for Acute Coronary Intervention ED Throughput: OP-18: Median Time from ED Arrival to ED Departure for Discharged ED Patients OP-22: Patient Left Without Being Seen



Reporting Channels for Core MBQIP Measures



New to NHSN or Ask Who is Registered Already?

- Already registered and person is leaving?
 - Very important to deactivate their account- remind facility. Once someone is added they are not deleted only deactivated.
- CDC NHSN <u>https://www.cdc.gov/nhsn/</u>
- NHSN collect, report: influenza vaccines among HCP, and antibiotic use and resistance
- NHSN analysis / reports
- NHSN link to best practices and guidelines
- Enrollment steps for NHSN
 - CAHS encouraged more than 1 at their facility sign up
 - Registration process
 - Attest to abide with rules of NHSN to safeguard the system's security
 - Sent invite to register for CDCs Secure Access Management Service (SAMS)



Once Enrolled NHSN – Join ND CAH Quality Network Group

- Step by step power point with directions sent to join group
- One enrolled in NHSN Login to account
- Add to their account, the group "ND CAH Quality Network" (group user ID and password is sent)
 - Group created for ND CAHs only
 - Group ID and password is mailed to the facility
 - Admin for facility logs into NHSN and uses the group ID and password to join
 - Facility Administrator reviews and "Confers Rights" screen to determine data to share with this group
 - ND mode to enter Influenza Immunization season



Influenza Vaccination Among All Healthcare Professionals (HCP)

HCP: Facilities report a single rate for their CAH to the CDC National Healthcare Safety Network (NHSN). Influenza Vaccination Coverage Among Healthcare Professionals





Antibiotic Annual Facility Survey Core Elements

Core Elements of Hospital Antibiotic Stewardship Programs: **Assessment Tool**

The antibiotic stewardship program assessment tool is a companion to *Core Elements of Hospital Antibiotic Stewardship Programs*. This tool provides examples of ways to implement the Core Elements. The Core Elements are intended to be an adaptable framework that hospitals can use to guide efforts to optimize antibiotic prescribing. Thus, not all of the examples listed in the Core Elements (and below) may be necessary and/or feasible in all hospitals.

The assessment tool can be used on a periodic basis (e.g., annually) to document current program infrastructure and activities and to help identify items that could improve the effectiveness of the stewardship program. Consider listing specific details, such as points of contacts or facility-specific guidelines with the date, in the "comments" column as reference for the antibiotic stewardship team.

CORE ELEMENTS OF HOSPITAL ANTIBIOTIC STEWARDSHIP Programs: Assessment tool			ESTABLISHED AT FACILITY	COMMENTS
Hospital Leadership Commitment	1.	[Priority Example] Does facility leadership provide stewardship program leader(s) dedicated time to manage the program and conduct daily stewardship interventions?	Q Yes	
	2.	[Priority Example] Does facility leadership provide stewardship program leader(s) with resources (e.g, IT support, training) to effectively operate the program?	Q Yes	
	3.	[Priority Example] Does your antibiotic stewardship program have a senior executive that serves as a point of contact or "champion" to help ensure the program has resources and support to accomplish its mission?	Yes No	
	4.	[Priority Example] Do stewardship program leader(s) have regularly scheduled meetings with facility leadership and/or the hospital board to report and discuss stewardship activities, resources and outcomes?	Yes No	



Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS)

- Does the orientation person know who the facilities vendor is?
- Who in their facility communicates with the vendor quarterly?
- Importance of communication and data reported timely
- Who receives the vendor reports at their facility?
- What kind of activity do they have around the reports?
- How is the data shared internally?
- How do they use the data to drive improvement?
- Suggest resources for each element to provide improvement strategies

https://ruralhealth.und.edu/projects/flex/mbqip/hcahps



Emergency Department Transfer Communication (EDTC)

To improve the transitions of care from the CAH to other healthcare settings in order to improve patient outcomes.

(Seven Elements)

- Administrative Communication
- Patient Information
- Vital Signs
- Medication Information
- Physician or Practitioner generated information
- Nurse generated information
- Procedures and tests



EDTC and REDCap for ND CAHs



- REDCap a web-based portal for collection and reporting associated with EDTC. Quality Health Associates (QHA) of ND also supports data collection, analysis and reporting for North Dakota's CAHs.
- //redcap.qualityhealthnd.org/

Quality Health Associates

of North Dakota



Welcome to REDCap!

REDCap is a secure web platform for building and managing online databases and surveys. REDCap's streamlined process for rapidly creating and designing projects offers a vast array of tools that can be tailored to virtually any data collection strategy.

REDCap provides automated export procedures for seamless data downloads to Excel and common statistical packages (SPSS, SAS, Stata, R), as well as a built-in project calendar, a scheduling module, ad hoc reporting tools, and advanced features, such as branching logic, file uploading, and calculated fields.

Learn more about REDCap by watching a 🔂 brief summary video (4 min). If you would like to view other quick video tutorials of REDCap in action and an overview of its features, please see the <u>Training Resources</u> page.

NOTICE: If you are collecting data for the purposes of human subjects research, review and approval of the project is required by your Institutional Review Board.

If you require assistance or have any questions about REDCap, please contact Jonathan Gardner or Nathan Brintnell (701-989-6220).

REDCap Features

Build online surveys and databases quickly and securely in your browser Create and design your project using a secure login from any device. No extra software required. Access from anywhere, at any time.

Fast and flexible - Go from project creation to starting data collection in less than one day. Customizations and changes are possible any time, even after data collection has begun.

Advanced instrument design features - Auto-validation, calculated fields, file uploading, branching/skip logic, and survey stop actions.

Diverse and flexible survey distribution options - Use a list of email addresses or phone numbers for your survey respondents and automatically contact them with personalized messages, and track who has responded. Or create a simple link for an anorymous survey for mass email mailings, to post on a website, or print on a flyer.

Data quality. Lies field validation, branching/ekin logic, and Miceing Data



EDTC Data Collection Screenshot

Data Submission: EDTC Measure

- Answer each question as appropriate, in accordance with the EDTC Specifications Manual.
- A link to the manual is available to the left of the data entry form.



Quality Health Associates of North Dakota

Conting existing Encouncer to our			
Encounter ID	5-1		
Encounter Discharge Code	4.1 EDTC Me of 4a, 4b,		View equation ly only to encounters
[EDTC-1] Does the medical record documentation indicate the of the patient from ED to another healthcare facility?	hat the followi	ng commu	inication occurred
Nurse to Nurse Communication Tmust provide value	Yes	© No	
Physician to Physician Communication * must provide value	🖱 Yes	© No	Not Applicable
View equation Measure passes (1) if all questions are either marked "Ves" or "Not Applicable". Measure fails (0) if any question is marked "Not".			
[EDTC-2] Does the medical record documentation indicate th was communicated via fax or phone or internet/Electronic H patient's discharge?			
Patient Name * must provide value	🖱 Yes	© №	Not Applicable
Patient Address * must provide value	🖉 Yes	© No	C Not Applicable
Patient Age * must provide value	🖱 Yes	© No	Not Applicable

Project Bookmarks

Editing existing Encounter ID 5.1



MBQIP Data Shared at ND CAH Quality Network Region Meetings Quarterly Statewide

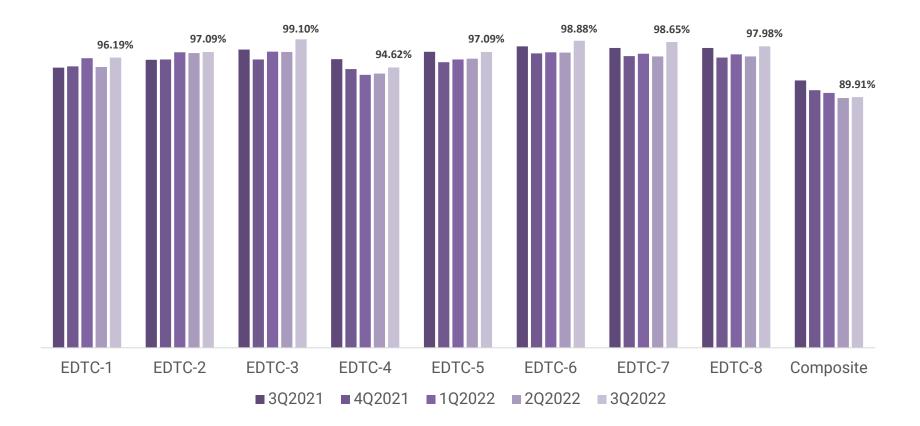
- Review MBQIP progress as a state (state rates shared)
- EDTC measures overview- Review how ND CAHs are doing, on each element
- EDTC top performers celebrated





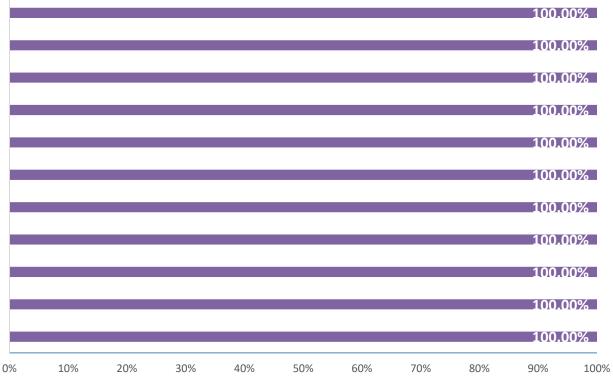
Measures Overview

Performance Period: 3Q2021 – 3Q2022



Top Performers Performance Period: 3Q2019

Wishek Hospital Clinic Association Lisbon Area Health Services Trinity Kenmare Community Hospital Northwood Deaconess Health Center St. Luke's Medical Center Oakes Community Hospital St. Andrew's Health Center Mercy Hospital of Valley City Sanford Hillsboro Cavalier County Memorial Hospital Sakakawea Medical Center



Outpatient CMS Measures OP-2, OP-3, OP-18 and OP-22

- Provide description of each CMS Outpatient measure
- OP-2 Fibrinolytic therapy received within 30 minutes
- OP-3 Median time to transfer to another facility for acute coronary intervention
- OP-18 Median time from ED arrival to ED departure for discharged ED patients
- OP-22 Patient left without being seen
- https://qualitynet.cms.gov/outpatient/specifications-manuals#tab2

Hospital Outpa	tient Specifications Manuals						
Specifications Manuals							
2024 - Version 17.0	Version 16.0a - Encounters 01/01/23 to 12/31	/23					
2023 - Version 16.0a	The Hospital Outpatient Quality Reporting Specifications Manual was developed by the Centers for Medicare & Medicaid						
2023 - Version 16.0	primary purpose of these measures is to promote high quality care for	Services (CMS) to provide a uniform set of quality measures to be implemented in hospital outpatient settings. The primary purpose of these measures is to promote high quality care for patients receiving services in hospital outpatient settings.					
2022 - Version 15.0b	By downloading the below documents, you agree to the CPT License of						
2022 - Version 15.0a	Complete Manual						
2021 - Version 14.0b							
2020 - Version 13.0b	File Name	File Type	File Size				
2019 - Version 12.0b	Version 16.0a - Specifications Manual for encounters 01/01/23 to 12/31/23	PDF	3 MB	Download			
Archived Manuals	Version 16.0a - Specifications Manual for encounters 01/01/23 to 12/31/23	ZIP	9 MB	Download			
	Release Notes, Version 16.0	PDF	47 KB	Download			
	Release Notes, Version 16.0a	PDF	172 KB	Download			



Continuation Outpatient CMS Reporting

- Explain how CAH reports to the CMS Clinical Data Warehouse QualityNet.org and what measures
- Ask do they use a (Vendor or CART?)
- Computerized Abstraction Reporting Tool (CART)
 - Does the facility have CART installed already?
 - Who are the users of the program
 - IF staff have left need to disable those accounts
 - Sign up for new staff
 - Decide fresh install or add new user to already installed program
 - Live demo QualityNet.org
 - CART users guide



Example Education on Measure OP-18

- OP-18 Door to Diagnostic Evaluation by a Qualified Medical Personnel
- Arrival to Departure for Discharged Patients
- The measure focuses on how long patients are in the ED before they are discharged home
- How many cases to abstract?

Population Per Quarter	0-900
Quarterly Sample Size	63
Monthly Sample Size	21
Population Per Quarter	≥901
Quarterly Sample Size	96
Monthly Sample Size	32



Outpatient Emergency Department OP-22

OP-22 Left Without Being Seen

- Report using secure side of QualityNet.org
- Use administrative data





OP-22 Patient Left Without Being Seen

Report through secure side of QualityNet.org via an online tool available to authorized users. Because the measure uses administrative data and not claims data to determine the measure's denominator population

OP-22 - Hospital Outpatient Specifications Manual QualityNet.org <u>Report this one time a year. This data is due Jan 1-May 2023</u>

Measure:

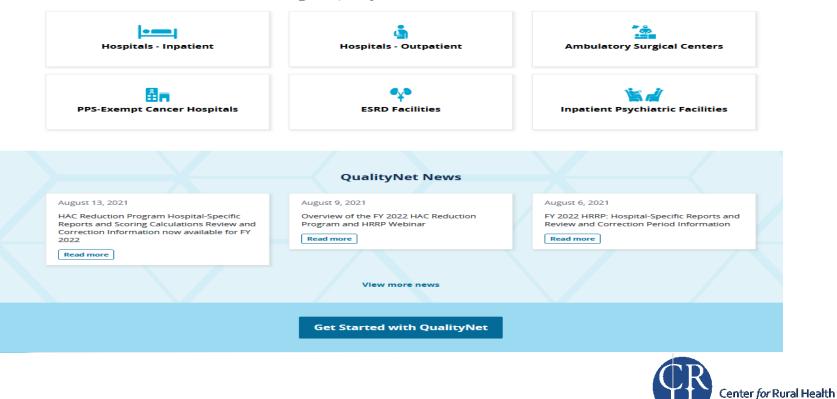
- **Numerator**: What was the total number of patients who left without being evaluated by a physician/APN/PA?
- **Denominator**: What was the total number of patients who presented to the ED?

Percent of patients who leave the ED without being evaluated by a physician/advanced practice nurse/physician's assistant.

QualityNet.org CMS Clinical Data Warehouse

Welcome to QualityNet! Your one-stop shop for CMS Quality Programs.	September 20, 2021 Calendar Year 2023 OQR Program Hospitals Selected for Validation
Subscribe to Email Updates Get Started with QualityNet	September 16, 2021 CMS grants exceptions for Quality Program participants in FEMA disaster areas

I am looking for quality information associated with...



University of North Dakota

School of Medicine & Health Sciences

QualityNet Secure Portal is HARP



I am an HQR user

I am an EQRS User

Can't find what you're looking for? Visit the Question & Answer Tools.

Registering for HARP

QualityNet Secure Portal (QSP) has officially been retired and replaced with **hqr.cms.gov** and **eqrs.cms.gov** for Hospital Quality Reporting (HQR) and End Stage Renal Disease (ESRD) Quality Reporting, respectively.

To log into HQR or EQRS, you must create a HCQIS Access Roles and Profile (HARP) account. HARP is a secure identity management portal provided by the Centers for Medicare and Medicaid Services (CMS). Creating a HARP account provides you with a user ID and password that can be used to sign in to many CMS applications, including HQR and EQRS.

For information on registering for HARP, please view the following resources:

Resource Name	
HARP User Guide	View
HARP Frequently Asked Questions (FAQ)	View
HARP Registration Training Video	View



Continuation QualityNet Secure Portal -HARP

- Ask facility who is already registered?
- Encourage for more than 1 person at the facility to be registered
- If the person has left or leaving, the facility needs to disable the secure account.
- Provide directions on how to register <u>https://harp.cms.gov/register</u>



MBQIP Data Submission Deadlines

Medicare Beneficiary Quality Improvement Project (MBQIP) Data Submission Deadlines ^{1,2}

				Encounter Period and Due Date				
Measure ID	Description	MBQIP Domain	Reported To	Q4 / 2022 Oct 1 - Dec 31	Q1 / 2023 Jan 1 - Mar 31	Q2 / 2023 Apr 1 - Jun 30	Q3 / 2023 Jul 1 - Sep 30	Q4 / 2023 Oct 1 - Dec 31
Population & Sampling	Population & Sampling Submission (CMS inpatient and outpatient measures)	Outpatient	HQR via HARP Log In	May 1, 2023	August 1, 2023	November 1, 2023	February 1, 2024	May 1, 2024
HCP/IMM-3 ³	Influenza vaccination coverage among health care personnel	Patient Safety/ Inpatient	NHSN	May 15, (Q4 2022/Q1 20			May 15, 2024 (Q4 2023/Q1 2024 aggregate)	
Antibiotic Stewardship	N/A	Patient Safety/ Inpatient	NHSN	March 1, 2023 ⁴ (Calendar year 2022 data)		March 1, 2024 ⁴ (Calendar year 2023 data)		
HCAHPS	Hospital Consumer Assessment of Healthcare Providers and Systems	Patient Engagement	HQR via Vendor	April 5, 2023	July 5, 2023	October 4, 2023	January 3, 2024	April 5, 2024
EDTC ⁵	Emergency Department Transfer Communication	Care Transitions	As directed by state Flex program	January 31, 2023	April 30, 2023	July 31, 2023	October 31, 2023	January 31, 2024
OP-2	Fibrinolytic therapy received within 30 minutes	Outpatient	HQR via Outpatient CART/Vendor	May 1, 2023	August 1, 2023	N/A	N/A	N/A
OP-3	Median time to transfer to another facility for acute coronary intervention	Outpatient	HQR via Outpatient CART/Vendor	May 1, 2023	August 1, 2023	N/A	N/A	N/A
OP-18	Median time from ED arrival to ED departure for discharged ED patients	Outpatient	HQR via Outpatient CART/Vendor	May 1, 2023	August 1, 2023	November 1, 2023	February 1, 2024	May 1, 2024
OP-22	Patient left without being seen	Outpatient	HQR via HARP Log In	May 15, 2023 (Calendar year 2022 aggregate)		May 15, 2024 (Calendar year 202 aggregate)		

1. Based on currently available information. Submissions dates are subject to change.

2. Data submission deadlines on a federal holiday or weekend (Saturday or Sunday) will default to the first business day thereafter and are reflected in this document where applicable.

3. The encounter period for HCP/IMM-3 is limited to Q4 and Q1.

4. Hospitals are strongly encouraged to complete the NHSN Annual Facility Survey by March 1 of each year but may submit or update survey responses throughout the year.

s. State Flex Programs must submit data to FORHP by the 10th day of the month following the hospital deadline (e.g., Q3 2023 data due to FORHP by Nov 10, 2023).

Updated (05/08/2023)



FMT CAH Data Reports Driving Quality Improvement

- If onsite visit print FMT reports and bring with
- If visit by zoom send FMT reports electronically
- Review FMT CAH specific report
- Ask if plans for a QI activity that quarter?
- Encourage to focus on small improvements (a measure or topic at a time)
- Discuss their plans on improving outcomes
- Offer to help develop an action plan around quality improvement
- Offer PDSA training
- Offer ideas for improvement



Resources

Center for Rural Health

https://ruralhealth.und.edu/

RHIhub https://www.ruralhealthinfo.org/

CMS: CAH Conditions of Participation Appendix W

<u>https://www.cms.gov/Medicare/Provider-Enrollment-and-</u> <u>Certification/GuidanceforLawsAndRegulations/CAHs.html</u>

QualityNet – The clinical data warehouse for CMS https://qualitynet.cms.gov/

QualityNet Training: https://qualitynet.cms.gov/training-guides

MBQIP Quality Reporting Guide

https://www.ruralcenter.org/sites/default/files/MBQIP-Quality-Reporting-Guide42020.pdf

Ask Robyn- Quarterly Open Office Hour Calls for MBQIP Data Abstractors

https://www.ruralcenter.org/resource-library/ask-robyn-quarterly-openoffice-hour-calls-for-mbqip-data-abstractors Contact Information: Robyn Carlson at rcarlson@stratishealth.org

MBQIP Data Abstraction Training Series:

https://www.youtube.com/playlist?list=PLrX6m5cvp8hAEJXD3Z1N eP_o1AxyTJw5w

HCAHPS Overview: Vendor Directory

https://www.ruralcenter.org/sites/default/files/Fall%20HCAHPS%2 0Vendor%20Directory%202021-02.pdf

HCAHPS Online- up to date information and resources https://hcahpsonline.org/en/

MBQIP Monthly e-newsletter:

https://www.ruralcenter.org/tasc/mbqip/mbqip-monthly



Contact Information



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