



AMERICAN COLLEGE of CARDIOLOGY®

New eReports Health Systems Dashboard User Guide

NCDR® eReports Health Systems Dashboard

The mission of the NCDR® is to improve the quality of cardiovascular patient care by providing information, knowledge, and tools; implementing quality initiatives; and supporting research that improves patient care and outcomes.

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Table of Contents

1.CDM Overview.....	3
1.1 Common Data Model (CDM).....	3
1.2.Compatability with external standards.....	3
1.3 Shortened development cycle	4
1.4 New Dasgboard Interface.....	4
2. Introduction to the eReports Health System Dashboard.....	5
2.1 Definitions	5
2.2 User privilages.....	6
3. Registry Login.....	6
3.1 Onboarding	6
3.2 Login.....	7
4. Administration.....	11
5. Health System Dashboard Navigation and Features	23
6 EReports Health ystem Dashboard Pages.....	26
6.1 eReports Health Systems – Metric Summary	26
6.2 eReports Health System – Metric Detail.....	27
6.3 eReports Health Systems – Market Analysis.....	28
6.4 Facility Comparison.....	31
6.5 Follow Up Detail.....	31
6.6 Data Quality Report (DQR).....	32



1. CDM Overview

1.1. Common Data Model (CDM) for NCDR

The National Cardiovascular Data Registry (NCDR[®]) is an American College of Cardiology (ACC) suite of registries and is arguably the foremost set of cardiovascular registries with over 60 million records in 11 programs. With this, the NCDR has become a key source of clinical data to assess quality and outcomes for cardiologists and cardiovascular sections of healthcare systems and allows cardiologists to lead in evidence-based quality measures.¹

The genesis of the CDM for NCDR at ACC, was an idea to nurture a better organized and clinically driven culture for exceptional patient care. The new CDM methodology is distinctly different from the Legacy DW (Data Warehouse) and has been implemented for the Clinical, Information Technology, and Analytical Frameworks. It includes the implementation of an adaptive Data Warehouse Platform to allow users to report on a variety of clinical metrics from various Registries in a structured manner to support clinical analytic use.

With CDM we can help put the patients first, because now there is clear, better organized data.

NCDR Common Data Model



CDM enables all information delivery, advanced analysis and collaboration; with agility, data quality measurement and faster delivery, that aligns with NCDR[®] standards.

The NCDR Common Data Model is based on the Observation Medical Outcomes Partnership (OMOP)-like Common Data Model.

1.2. Compatibility with external standards

The Enterprise Data Warehouse (EDW) designs and stores data within CDM to support analysis and reporting by implementing design principles like stability of purpose and quick turnaround.

The CDM includes data elements from the NCDR registries for inpatient and outpatient cases. The information in the data warehouse supports the informatics platform for NCDR.

¹ The source of this information is the (ACCF Internal) NCDR Informatics Document



1.3. Shortened development cycle, easier to incorporate Registry Version changes

In addition to newly structured data, the CDM allows for a new Registry or an existing Registry's version changes to be incorporated in a shorter timeframe as compared to the previous data warehouse structure. The shortened development lifecycle is achieved with Single Standardized Data Intake Process, Registry-specific adapters for transformation, and Standardized Vocabulary and Content Structure, that gets arranged in fewer tables and columns. From the Analytics perspective, a Single Standardized Export Program (Format) and Single Standardized Aggregation Process (Metrics) has been implemented.

1.4 PowerBI Interface

NCDR has upgraded the dashboard interface from Cognos to PowerBI. The decision to make PowerBI the new data visualization platform aligns with NCDR's goals to support health systems in improving their hospitals performance and quality of care through real time data, and high-level insights.



2. Introduction to the eReports Health Systems Dashboard

NCDReReports Health Systems Dashboard is designed to support hospitals, health systems, private health insurance payers, and other stakeholders who value a multi-hospital view into quality of cardiovascular care being provided within a specific system or region.

A web-enabled business intelligence data report dashboard and quality improvement program, the NCDR® eReports Health Systems Dashboard is designed to serve as an enhanced customizable reporting mechanism by which clients can tailor NCDR® reports for comparison purposes, monitor the quality of data submissions from the hospital and perform comparative analyses by utilizing customized markets.

This user help guide will familiarize you with the eReports Health Systems Dashboard and assist you in using this tool to better improve the quality of cardiovascular care for your patients. Below are the definitions and types of user privileges that will help you work

through this guide. Thanks for your interest in the American College of Cardiology's NCDR®

eReports Health Systems Dashboard.

2.1. Definitions

Client: This is an entity external to the American College of Cardiology Foundation (ACCF) who has a contract in place that will allow them to access the reports published on www.ncdr.com

Participant: This is a legal entity with a physical location that has a valid master agreement and registry specific addendum in place. In addition, all fees are paid and current and the participant offers a service that would meet inclusion for participation.

Bookmarked Metrics: These are the metrics your organization decides to bookmark because they will be most referenced.

My Markets: These are groups of facilities that are user-defined based on the hospitals participating in their program



2.2. User Privileges

eReports – Admin: Users with this privilege have the option to change preferences for

'My Metrics' and 'My Markets' for that institution.

eReports: Users with this privilege have the option to view the reports for that institution.

Corporate Profile – View: Users with this privilege have the option to see the Corporate Profile of the institution.

Corporate Profile – Update: Users with this privilege have the option to update that institution's corporate profile.

Corporate Site User Administration: Users with this privilege have the option to add new users and change user account information including which users have what privileges for that institution.

3. Registry Login

3.1. On-boarding

To access the NCDR eReports Health Systems Dashboard, the client must complete the on-boarding process. Upon receiving the counter executed agreement, the client relationship advisor will send you a welcome email which will include the counter executed agreement, Appendix B which has a list of participants and registries covered under the Corporate Level Master Agreement, and the client contact form which is needed to set up the eReports dashboard. Once the client contact form is completed by the client and remitted back to ACC, the client relationship advisor will set up an implementation call to walk through the onboarding process as well as provide a deep dive of the eReports dashboard. The "Super User" noted as the primary contact in the client contact form, will receive log-in credentials via email after the implementation call has been completed. The email will confirm account activation and will provide a Participant ID, username and a temporary password associated with the account.



Login:

To access a registry and/or the Health Systems Dashboard, go to www.NCDR.com.
Click the

Registry Participant Login button in the lower left-hand corner of the web page.

Note: If a user has not yet been associated with an account, they should first contact their Corporate Site Administrator (see Administration -> Corporate User Administration below):

Type www.NCDR.com in the web browser.



The screenshot shows the ACC Quality Improvement for Institutions website. At the top, there is a navigation bar with links for Home, ACC Quality Summit, About, Get Started, and News. A search bar is also present. Below the navigation bar is a yellow banner with the text "REGISTER FOR CV QUALITY". The main navigation menu includes "NCDR", "ACCREDITATION", "CAMPAIGNS", "CLINICAL TOOLKITS", and "LOG IN/LOG OUT".

The NCDR section is highlighted, showing a breadcrumb "Home > NCDR". The NCDR logo and name are displayed. A sidebar menu on the left lists various NCDR resources, with "Registry Participant Login" highlighted by a red box and a red arrow pointing to it. The main content area features the heading "Data Powering Performance" and several informational paragraphs and links. On the right side, there are two call-to-action boxes: "Join A Registry" and "ALREADY AN NCDR PARTICIPANT?".

Registry Participant Login



Login Credentials:

Participant Login

Participant ID

Username:

Password:

Login Forgot Password?

Back to Top

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After Login:

Choose a registry:

Hospital Registries:

- CathPCI Registry
- Chest Pain - MI Registry
- IMPACT Registry
- LAAO Registry
- PVI Registry
- STS/ACC TVT Registry

EP Registry Suite:

- ICD Registry
- AFib Ablation Registry

Outpatient Registries:

- Diabetes Collaborative Registry
- PINNACLE Registry

To login to the User account, users will need to complete two-factor authentication to login to the User account. After successfully logging in, you will land on this page which provides a list of registries under **Hospital Registries, EP Registry Suite**, and Outpatient



Registries categories. You will only be able to select the registries that you have NCDR eReports Health System Dashboards for. Each Registry landing page provides users with the latest registry announcements, helpful registry



specific resources, and a navigational panel located on the left-hand side for setting up users and accessing the health systems dashboard.

4. Administration

The Administration menu options may include Individual Profile, Corporate Profile, and Corporate User Administration depending on the User's access level.

- 4.1 **Individual Profile:** This link allows each user to update their Individual Profile information. The Individual Profile contains demographic information about each individual user including name, street address, email address, phone number, password, etc. This information should be kept up to date so the institution's site manager and ACC staff can contact each site user. Additionally, each user can see the functions on the website for which they have privileges. This is located on the bottom of the page and is adjustable by the appropriate administrators on the Corporate User Administration page.



Home
▶ Start Here
▼ Administration
■ Individual Profile
■ Site Profile
■ Site User Administration
■ Individual Profile
■ Vendor Profile
■ Vendor User Management
■ Individual Profile
■ Corporate Profile
■ Corporate User Administr...
■ Vendor Participants
▶ Reports
▶ Dashboards
▶ Data
▶ Resources
Contact Us (V2)
▶ Control
Public Links
Quality Improvement for Institutions Home
NCDR Home

Important Announcements

The New Dashboard Is Now Available!

The NCDR is excited to share with you that the new dashboard is available on the menu! Upon opening the dropdown, your new dashboard is labeled as "Facility" signifying ongoing enhancements. Rest assured, the current NCDR Dashboard

Enhanced data visualizations and a faster, more dynamic user experience await your quality improvement initiatives!

Take the following steps to assist with this transition:

1. Explore our comprehensive on-demand training overview, which focuses on the new dashboard by clicking the "Beta Dashboard Education" tab on the left navigation.
2. Please review the [Dashboard \(Beta\) User Guide and FAQ document](#) on our [website](#), to learn about new features and answer your initial questions.
3. Once you have watched the on-demand training and reviewed the [FAQ \(Beta\)](#) at the left navigation to have fun exploring. Please contact NCDR if you have any questions.

We are enthusiastic about these improvements and look forward to supporting your patient care.

Posted Mar 20, 2024

NEW CV ASC Registry Suite

For more than 25 years, NCDR has set the bar for innovation and excellence in cardiovascular care. The new CV ASC Registry Suite provides data-driven insights on cardiac procedures performed in the ambulatory setting. [Learn more about the New CV ASC Registry Suite.](#)

Posted Feb 20, 2024

Download the 2024 Data Submission Calendar

Each NCDR participating center was mailed a beautifully laminated NCDR 2024 Data Submission Calendar. We're so glad to know you appreciated them and are pleased to provide the PDF version.

Posted Feb 20, 2024

eReports Health Systems Dashboard User Guide



Individual Profile

This page allows each user to update his Individual Profile information. The Individual Profile contains demographic information about the each registry user including name, street address, email address, phone number, password, etc. In addition, it allows each user to set preferences for getting e-mail notifications for major events such as release of benchmark reports, device table changes, medication table changes, etc. The Individual Profile must be completed for each user immediately after initially logging into the site. This information must be kept up-to-date so the institution's Registry Site Manager (RSM) and NCDR staff can sustain uninterrupted communication.

Maintain your personal profile and contact information here. View which functions on the website to which you have privileges. (All Users)

Username *
vsingh
Change Password

Prefix: First Name * MI Last Name * Suffix
Vinny Singh

Title: ACC Function * Other Department: Data Analytics

Country * UNITED STATES

Address 1* 2400 N Street, NW
Address 2

City/Town * Washington State/Province * District of Columbia ZIP/Postal Code * 20037

Phone and Ext. Fax Email * vsingh@acc.org

Preferences :

- Email me when any data submission file has been processed.
- Email me when a new File/Document is available for download (via Reports menu).
- Email me when an FAQ is added/updated
- Email me when the quarterly benchmarks for the Executive Summary Measures & Metrics Report is available on the dashboard.
- Email me when any of the dynamic lists (Cath Lab Indications, PCI Indications, Concomitant Procedures, Medications, Intra and Post-procedure Events, Follow Up Events, Mechanical Support Devices, Intracoronary Devices and/or Closure Devices) have been modified.
- Email me when any Auxiliary data submission file has been processed or any of the dynamic lists have been modified.

List of Linked Participants :

Participant Id	Participant Name
000000	American College Of Cardiology

Linked ACC.Org Account

Member ID	Name	Email
000003235200	Vinny Singh	vsingh@acc.org

Save

* - denotes a required field [Back to Top](#)

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Change Password

Change Password

Note: If you do not know your Temporary/Current Password, please click Participant Login on this page. Next, click the Forgot Password link found under the Logon button and submit the requested information.

Change Password

Temporary/Current Password:

New Password:

Confirm New Password:

Create a Secure & Valid Password

Each password must be at least 8 characters long and contain at least one lower case letter, one upper case letter and a number. Here are some helpful examples:

- Invalid password - "checkup" – Note that there are only 7 characters and it is also missing an upper case letter and number as well.
- Valid password – "Checkup1" – This meets the minimum requirements.
- Stronger password – "Ch#e<Up214" – The combination of letters, special character and numbers create a strong/secure password.

Note: You may use numbers (0,1,2,3 etc) and special characters including {},[],(),<,>,:;?/|.'-!@.#\$%&.*_~+=

Back to Top

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On the Individual Profile page under the administration tab, a user can change the password by clicking the **Change Password** button under the Username. Enter the temporary/current password and the new password and click submit to save new password.

Change Contact Information

A user can update their contact information including their email, from the Individual Profile page under the Administration tab. Editable individual profile information includes the user's name, organizational role, contact information and address.



- 4.1 **Corporate User Administration:** (Corporate Site User Administrators only) This link allows those with Corporate Site User Administration privileges to access the list of users for that system's accounts. In Corporate User Administration, those with Corporate Site User Administration privileges may add, edit, or disable users as well as grant privileges for viewing eReports and updating the Corporate Profile.
- 4.2.1.1 **Search User:** A user with Corporate Site User Administrator privileges can search for each user that belongs to their account by first name, last name, username, or email address to look up what privileges that user has.



Corporate User Administration

Client ID:

Search Hint:

The * character can be used as a wildcard if you are unsure of spelling or are searching for User names beginning with or ending with certain characters.
 (eg. *on* matches Aaron , Tony , and Veronica)

First Name: Last Name:

User Name: Email Address:

Search User

	Access	First Name	Last Name	User Name	Email Address	Role(s)
View	No					
View	No					
View	No					
View	No					
View	No					
View	No					
View	No					
View	No					
View	No					
View	No					

4.2.2 Add User: For each specific Registry, the User Administrator can add a new user by clicking on the Add New User button at the bottom of the Corporate User Administration page. This will navigate the administrator to the Corporate User Setup page where they need to fill out all the required fields and assign roles and privilege(s) to the new user. Once



administrator clicks Save an automated email is sent to the email address provided for the new user for activation. The user must then follow the steps outlined above to complete activation of the user account.

Corporate User Administration

Client ID:

Search Hint:

The * character can be used as a wildcard if you are unsure of spelling or are searching for User names beginning with or ending with certain characters.
(eg. *on* matches Aaron , Tony , and Veronica)

First Name: Last Name:

User Name: Email Address:

Access	First Name	Last Name	User Name	Email Address	Role(s)
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				
<input type="button" value="View"/>	No				

1 2 3 4



Corporate User Setup

Add users to the website, specify a user's role, and assign privileges to view and/or update different administration functions.

Username

Registry Access: Yes No

Prefix	First Name *	MI	Last Name *	Suffix
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Title	Function *	Department		
<input type="text"/>	<input type="text" value="v"/>	<input type="text"/>		
Country *				
<input style="border: 1px solid #ccc;" type="text" value="UNITED STATES"/>				
Address 1*				
<input type="text"/>				
Address 2				
<input type="text"/>				
City/Town *	State/Province *	ZIP/Postal Code *		
<input type="text"/>	<input type="text" value="v"/>	<input type="text"/>		
Phone and Ext.	Fax	Email *		
<input type="text"/>	<input type="text"/>	<input type="text"/>		

Role(s)

- Primary Point of Contact
- Secondary Point of Contact
- Billing/Contracts Representative
- Program Relations Representative
- IT Representative
- Registry Site Manager

Privilege(s)

- eReports Corporate - Admin
- eReports Health Systems - Admin
- eReports Corporate
- eReports Health Systems
- Corporate Profile - View
- Corporate Profile - Update
- Corporate Site User Administration
- Chapters eReports - View
- Chapters eReports - Admin

Preference(s)

- Email me when a new File/Document is available for download in the Dashboard.

* denotes a required field

[Back to Top](#)



4.2.3 Edit User: The User Administrator can change the privileges of the users from the Corporate User Administration page by clicking on the Edit link next to each user. The administrator is taken to the Corporate Site User Administration – User Setup page for that user where they can then change the username, registry access setting, contact information, role(s), privilege(s), or reset the user’s password. New temporary passwords are sent to the user’s email address. The administrator must click Save at the bottom of the page to keep the changes that are made.

Site User Administration

Access to Site User Administration requires appropriate privilege assigned by the Registry Site Manager (RSM). This page allows users with Site User Administration privilege to grant or revoke access to the registry and assign the appropriate user privileges. Site User Administration allows adding, editing or disabling users as well as granting privileges for uploading data, viewing data quality reports, viewing quarterly benchmark reports, and updating the Site Profile.

Client ID:

Search Hint:
 The * character can be used as a wildcard if you are unsure of spelling or are searching for User names beginning with or ending with certain characters.
 (eg. *on* matches Aaron , Tony , and Veronica)

First Name: Last Name:

User Name: Email Address:

	Access	First Name	Last Name	User Name	Email Address	Registry Site Manager	Medical Director	Billing Contact	Executive Sponsor
Edit									
Edit									
Edit									
Edit									
Edit									
Edit									
Edit									
Edit									
Edit									
Edit									
Edit									

1 2 3 4 5 6 7 8 9 10 ...

Back to Top



Congratulations! You are now set up and ready to use the eReports Health Systems Dashboard. We are thrilled that you have joined our community of users of the NCDR® eReports Health Systems Dashboard. Learn more about the Health Systems Dashboard in the next section.

4.3 Corporate Profile: (requires the appropriate user privilege) This link allows the user to maintain vital information about the subscribing institution required for participation in the NCDR®. The Corporate Profile should be completed by the Corporate Site User Administrator after initially logging into the site. At a minimum, a user with “Corporate Profile – Update” privileges will be required to update the Corporate Profile on an annual basis.

Users with “Corporate Profile – Update” privileges should also update the Corporate Profile as information about the institution changes throughout the year.

The Corporate Profile page begins with a reference box that contains the systems Corporate ID and Encryption Key. Additionally, the user will see three sections including a Corporate Info section with further reference data including the Participant Name and Contract Start date. Below the Corporate Info Section find the Hospital(s) Information and Contact Information sections where users with the necessary privileges can update the account profile.

4.3.1 Hospital(s) Information: Those granted Corporate Profile editing privileges should keep the Corporate Profile information updated as the institution changes the number of hospitals that perform various cardiology procedures including PCIs, Diagnostic Catheterizations, Transcatheter Aortic Valve Replacements/Implantations, Pediatric Interventional Cardiac Catheterization, and vascular surgery as well as maintaining the number of hospitals with Electrophysiology Programs and Emergency Departments relative to the number of unique hospitals in the institution.



4.3.2 Contact Information: The contact information can also be updated for each user in the participating institution by clicking on the Update link next to each of the User roles listed.



CathPCI Registry / Administration / Corporate Profile

- Home
- Start Here
- Administration
 - Individual Profile
 - Site User Administration
 - Individual Profile
 - Vendor Profile
 - Vendor User Management
 - Individual Profile
 - Corporate Profile**
 - Corporate User Administration
 - Vendor Participants
 - Reduce the Risk: PCI Bleed
- Reports
- Dashboard
- Dashboard-Legacy
- Corporate Dashboard-Legacy
- Corporate Dashboard
- Health Systems Dashboard
- Chapters Dashboard
- Data
- Resources
- Contact Us
- Control
- Public Links

Corporate Profile

Client ID:

Corporate Info

Corporate ID: 1000006	Encryption Key: C3*WIAJSp2HyenDx+q-
Corporate Name: Evaluation Client 1 (HS)	Contract Date: 12/31/2020

Hospital(s) Info

Number of Hospitals performing PCIs:	<input type="text" value="1"/>
Number of Hospitals performing Diagnostic Catheterizations:	<input type="text" value="1"/>
Number of Hospitals performing Transcatheter Aortic Valve Replacements/Implantations:	<input type="text" value="0"/>
Number of Hospitals performing Pediatric Interventional Cardiac Catheterization:	<input type="text" value="0"/>
Number of Hospitals performing Vascular Surgery:	<input type="text" value="0"/>
Number of Hospitals with ElectroPhysiology Programs:	<input type="text" value="0"/>
Number of Hospitals with Emergency Departments:	<input type="text" value="0"/>
Of the numbers reported above, Total Number of Unique Hospitals:	<input type="text" value="0"/>

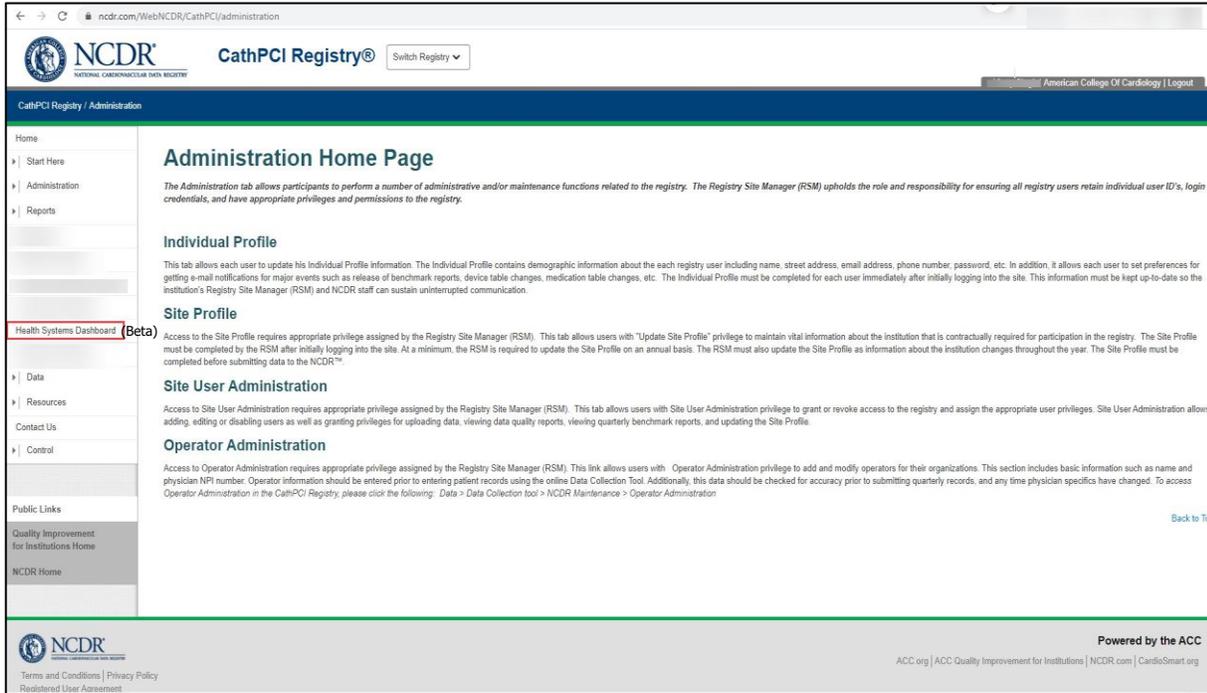
Contact Information

Designation	Contact
Primary Point of Contact	<input type="button" value="Update"/>
Secondary Point of Contact	<input type="button" value="Update"/>
Billing/Contracts Representative	<input type="button" value="Update"/>
Program Relations Representative	<input type="button" value="Update"/>
IT Representative	Kathy Cadacio <input type="button" value="Update"/>
Registry Site Manager	<input type="button" value="Update"/>



5. Health Systems Dashboard (Beta)

Based on the permissions configured during the Corporate Site User Administration settings, the Health Systems Dashboard is made available to the users. Click the Health Systems Dashboard to navigate to the eReports Health Systems Dashboard.



Hamburger Menu:

Locate the “hamburger menu” of three parallel lines at the upper left corner of your screen.

- **Additional Reports:**
 - [Technical Specifications](#) – provides information on the technical elements included in the Executive Summary and Facility Demographics Reports. This is a registry-specific report.
- **How To**
 - [_](#) – instructional video on how to setup My Markets
 - [_](#) – instructional video on how to Add a New User





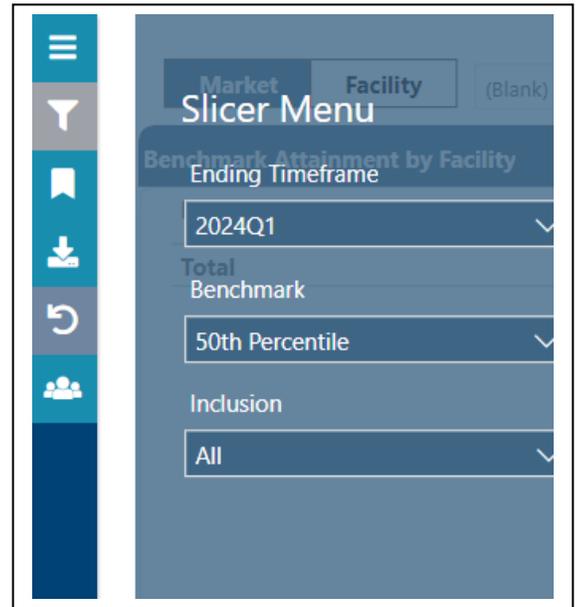
- Files and Downloads
 - provides the latest development changes in the dashboard.
- Set Preferences
 - allows eReports Administrators to set the Markets that are shown in the My Markets tab.

eReports Health System - Navigation

Slicer Menu:

Users can click on the funnel or filter icon to open the Slicer Menu.

- Ending Timeframe: Use the dropdown arrow to select the desired Ending Timeframe. The four quarters comprising the organization’s metric value is determined by the last quarter displayed in the Ending Timeframe window.
- Benchmark: Users can select which of the available percentiles they would like to compare their data to.
- Inclusion: Select whether to only display data that was Green in all 4 Quarters or All Hospital data.



Bookmarks

- Users are able to bookmark unlimited data views by selecting the Bookmark icon on the left side panel.
 - **Add**: Click on the Add button to Name or Label each data view set a Bookmark.
 - Create unlimited Bookmarks and label each with its own name.
 - **Delete**: Click on the 3 dots next to the Bookmark to Delete
- Return to the bookmark icon in a later session to retrieve any bookmarked view.



Download Reports:

- Clicking on the down arrow icon in the left side navigation provides options for report downloads.
 - **PDF or PPTX:** From any dashboard tab or view, the current dashboard view can be downloaded to a PDF or a PowerPoint file.
 - **XLSX:** The metric detail report can be downloaded to Excel format. The text will indicate when the report is ready and clicking on the icon will download the report.



eReports Health System – Features

Toggles:

1. Some data windows on the dashboard offer toggles or buttons to change the view within the window.
 - Click on each toggle or button to alternate between different data views.
2. Users can switch between Facility and Market level view.



Focus Mode:

- When hovering the mouse over the upper right area of the data window, a small icon will appear labeled as “Focus Mode”.
- Clicking on this icon will open the data in that specific window into an enlarged view.
- To exit focus mode, click “Back to Report” in the upper left corner.



6. eReports Health System Dashboard Pages

Navigate to the pages in this section via the horizontal bar at the top of the screen.

6.1 eReports Health Systems – Metric Summary

For the Health Systems Dashboard, the landing page is the Metric Summary page. This view provides an overview of facilities’ performance for each metric category. Users can click into a hospital to view performance at a glance or click into a value to view a breakdown of which metrics fall under each percentile group. Additionally, users can view data for metrics at a high level – using the heat map feature and the percentiles and trend graph visual.



CathPCI Registry®

AMERICAN COLLEGE OF CARDIOLOGY

Dhilarie Prabaharan
1000006 - Evaluation Client 1 (H5)

Switch Registry Log out

Metric Summary
Metric Detail
Market Analysis
Facility Comparison
Follow-up Detail
Data Quality

Market **Facility**

Corporate Group for Evaluation Cli... Metric Category All

BENCHMARKS FROM: 2022Q4

ENDING TIMEFRAME: 2022Q4

INCLUSION: All Hospitals

AGGREGATED ON: 12/1/2023 1:17:44 PM

Benchmark Attainment by Category

Category	0th	10th	25th	50th	75th	90th	N/A
Safety Metrics	2	2	2	2	1	2	2
Efficiency Metrics	2	2	2	2	2	2	2
Diagnostic Metrics	2	1	2	1		2	2
Outcome Metrics	8	8	8	7	5	8	8
Quality Metrics	12	12	12	12	9	12	12
PCI Performance Measures	1	1	1	1	1	1	1
Total	27	26	27	25	18	27	27

4855 - 38. Composite: Guideline medications prescribed at discharge

Quarter	Value (%)
2021Q1	98.3%
2021Q2	98.0%
2021Q3	98.0%
2021Q4	98.1%
2022Q1	98.3%
2022Q2	98.2%
2022Q3	98.0%
2022Q4	98.0%

Metric	My R4Q	Num	Den	25th Pctl	50th Pctl	75th Pctl	90th Pctl	% Qtr Var
PCI Performance Measures								
4855 - 38. Composite: Guideline medications prescribed at discharge	98.2%	43,240	44048	95.9%	98.3%	99.4%	100.0%	-0.1%
Quality Metrics								
4462 - 2. PCI procedures with positive stress or imaging study	50.61%	6,150	12151	44.92%	55.04%	65.38%	75.11%	-4.85%
4448 - 3. Median time (min) to immediate PCI (pts with STEMI)	60	8,048		67	62	56	50	-1%
4449 - 4. PCI within 90 minutes (pts with STEMI)	95.78%	5,652	5901	88.48%	93.75%	97.68%	100.00%	-0.06%
4451 - 5. Median transfer time (min) from door to door (pts with STEMI)	69	9,071		97	78	64	51	-14%
4452 - 6. Median time (min) to immediate PCI (transfer pts with STEMI)	103	12,901		131	110	97	86	-5%
4702 - 8. Aspirin prescribed at discharge	99.4%	41,187	41425	98.8%	99.6%	100.0%	100.0%	0.1%
4711 - 9. P2Y12 inhibitor prescribed at discharge	99.5%	40,504	40711	99.2%	99.9%	100.0%	100.0%	0.0%
4707 - 10. Statin prescribed at discharge	98.7%	41,534	42063	97.3%	98.9%	99.7%	100.0%	-0.1%
4682 - 24. Pre and post-procedure creatinine	90.4%	24,296	26881	88.3%	93.0%	96.0%	98.2%	0.8%
5004 - 41. Median time (min) to PCI for in-house STEMI	67.5	10,442.0		83.0	69.7	57.0	44.7	-46.8%
5002 - 42. Radiation dose (PCI procedures with or w/out dx cath)	64.1%	30,842	48080	81.3%	98.3%	100.0%	100.0%	7.4%
5003 - 45. Cardiac rehabilitation referral	57.7%	25,029	43393	61.4%	88.8%	97.2%	99.6%	1.2%
Outcome Metrics								
4895 - 12. Emergenc/salvae CABG post PCI	0.1%	56	46184	0.1%	0.0%	0.0%	0.0%	50.5%

6.2 eReports Health System – Metric Detail

The metric detail page provides the option to view the metric data for the previous four quarters and the current quarter value. This page also provides a heat map for the R4Q value, the 50th percentile which is also the national benchmark, and a breakdown of the four-quarter data. The table below the trend graph will provide the 25th, 50th (national benchmark), 75th and 90th percentiles for the metric.



Home Metric Summary Metric Detail Market Analysis Facility Comparison Follow-up Detail Data Quality Switch Registry Log out

Market Facility Corporate Group for Evaluation... Metric Category All

BENCHMARKS FROM: 2022Q4 ENDING TIMEFRAME: 2022Q4 INCLUSION: All Hospitals AGGREGATED ON: 12/1/2023 1:17:44 PM

Metric Name	My R4Q	50th Percentile	2022Q1	2022Q2	2022Q3	2022Q4	% Qtr Var	US R4Q
All Patients/All Procedures								
Volume Summary								
4790 - Number of patients treated (episodes of care)	50003	1	13241	13829	12876	12407	0%	1,000,651
3875 - Male	68.2% (34126/50003)	67.1%	68.5% (9067/13...	68.1% (9419/138...	67.8% (8729/12...	68.1% (8455/12407)	0.5%	66.0% (660410/10007...
3878 - Female	31.8% (15877/50003)	32.9%	31.5% (4174/13...	31.9% (4410/138...	32.2% (4147/12...	31.9% (3952/12407)	-1.1%	34.0% (340342/10007...
3866 - Pts with dx coronary angio (only)	3819	0	1237	1167	989	915	-4%	333,407
3867 - Pts with PCI (with or without dx coronary angio)	46184	1	12004	12662	11887	11492	0%	667,244
4791 - Pts w/ dx coronary angio and PCI in same lab	41858	1	10890	11391	10775	10435	1%	593,725
3869 - Pts w/ dx coronary angio and PCI in subsequent lab visit	1949	0	464	520	521	533	6%	21,322
3871 - Pts w/ >1 PCI on the same coronary segment/lesion	486	0	122	142	110	132	24%	5,296
9025 - Number of procedures performed	54269	1	14288	14979	13976	13543	0%	1,049,465
3872 - Dx coronary angio procedures (only)	6189	0	1803	1806	1609	1569	1%	359,895
4799 - PCI procedures (with or without dx coronary angio)	48080	1	12485	13173	12367	11974	0%	689,570
3874 - Dx coronary angio and PCI in same lab visit	42545	1	11070	11568	10932	10634	0%	602,873
8577 - Concomitant procedures in conjunction w/ dx coronary angio or PCI	12.2% (6599/54269)	10.3%	12.5% (1792/14...	12.5% (1866/149...	11.7% (1631/13...	12.1% (1639/13543)	3.7%	14.8% (155499/10494...
8578 - Aortogram	18.1% (1196/6599)	7.3%	18.0% (323/1792)	16.3% (304/1866)	19.0% (310/1631)	20.1% (329/1639)	5.6%	13.0% (20202/155499)
8579 - Biopsy of heart	0.1% (4/6599)	0.0%	0.2% (3/1792)	0.1% (1/1866)	0.0% (0/1631)	0.0% (0/1639)	0.5%	0.5% (742/155499)
8580 - Cardioversion	1.7% (115/6599)	0.0%	2.1% (37/1792)	1.5% (28/1866)	1.7% (28/1631)	1.5% (25/1639)	-11.2%	1.1% (1685/155499)

8680 - ACS<=24hrs

Quarter	Performance (%)
2021Q1	14%
2021Q2	14%
2021Q3	15%
2021Q4	16%
2022Q1	14%
2022Q2	16%
2022Q3	14%
2022Q4	15%

Legend
 90th
 75th
 50th
 25th
 10th

6.3 eReports Health Systems – Market Analysis

The market analysis page provides the executive summary metrics. The market analysis allows participants to compare institutions and markets relative to all U.S. hospitals based on the markets set up by eReports Corporate Administrators from My Markets preferences.

Select Parameters: Users can utilize the metric category drop down menu to view metrics for a certain category, for example “Outcome Metrics.”



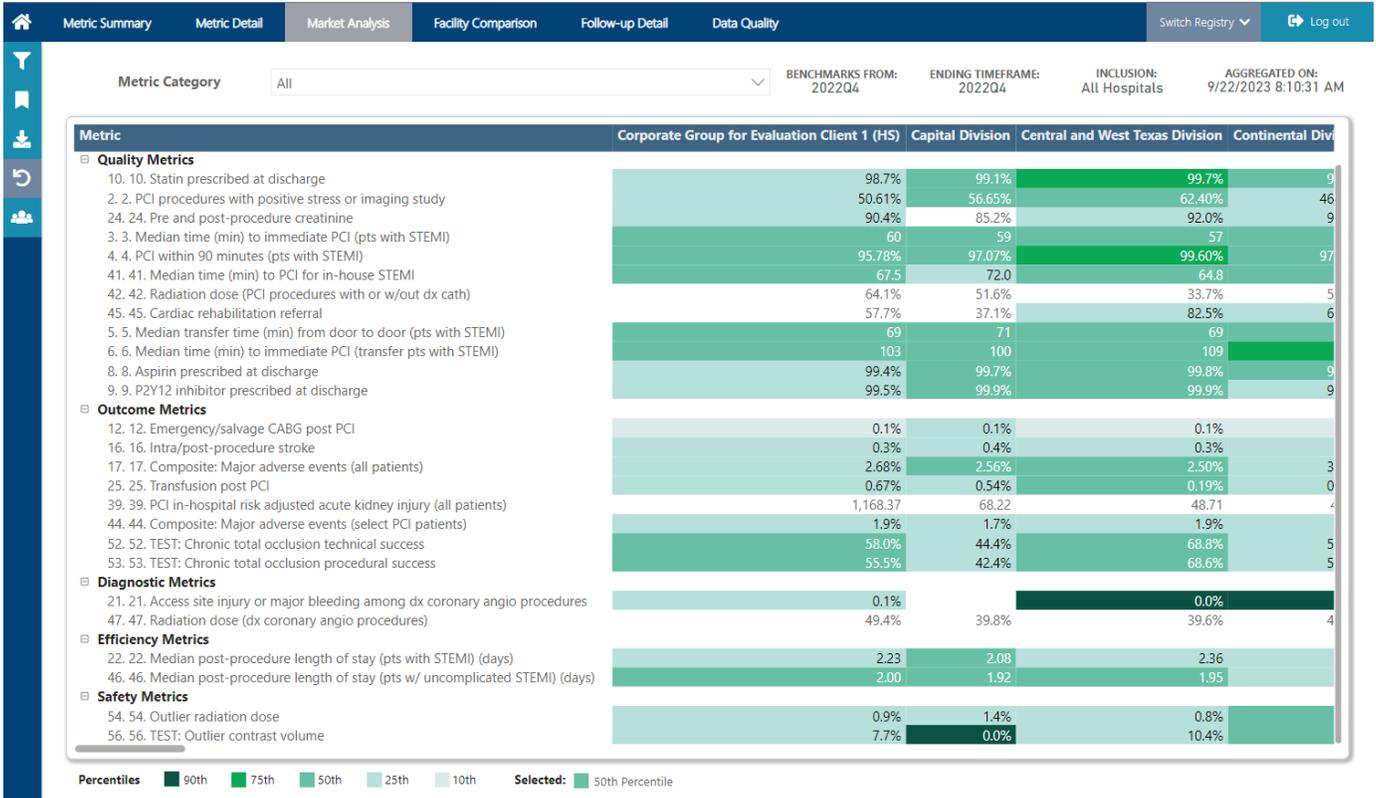
Users can use the hamburger menu to find and select “My Markets”. This is where users will be able to create their market. A market can be an individual hospital, or a group of hospitals. Markets can be edited anytime by the user.

The screenshot shows the dashboard interface with the following elements:

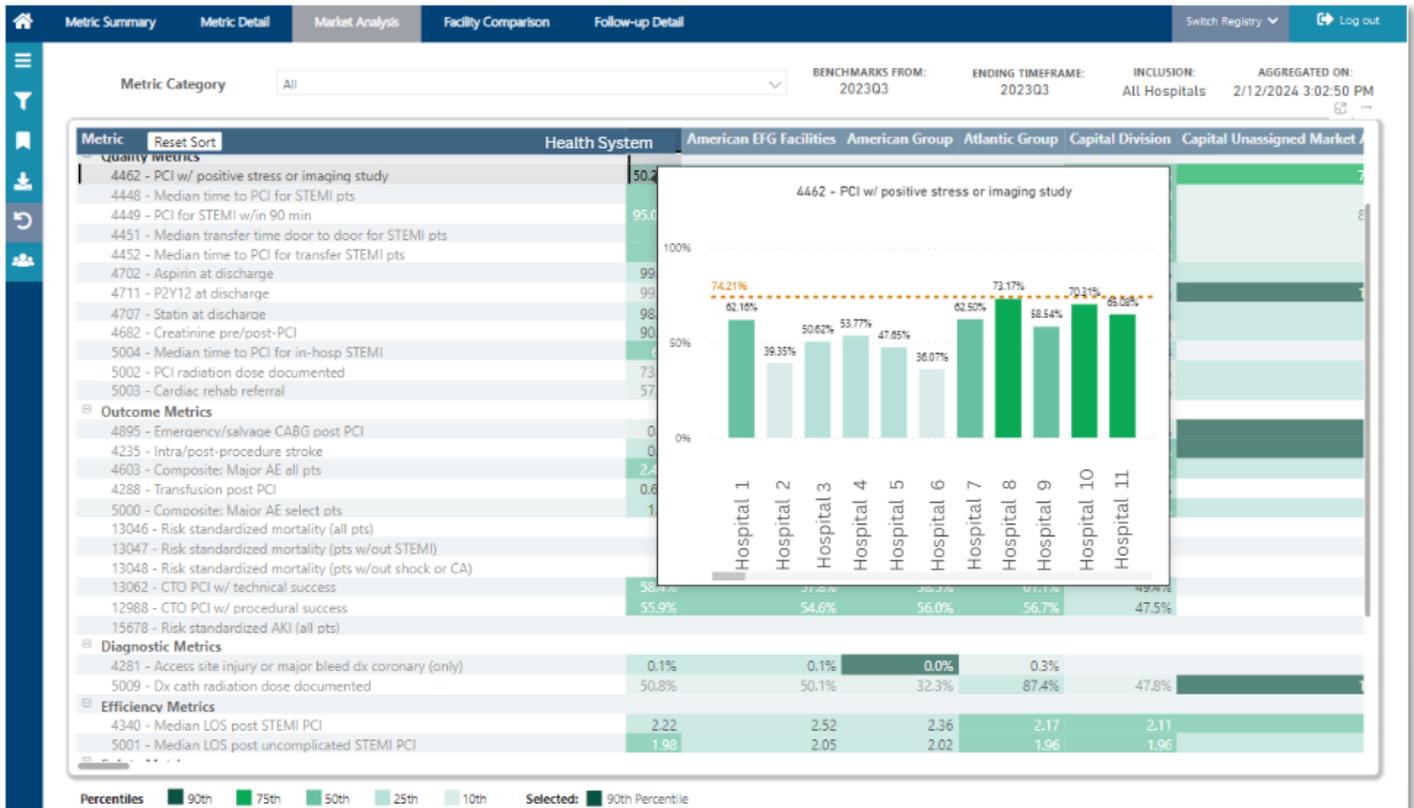
- Navigation Bar:** Home, Metric Summary, Metric Detail, Market Analysis, Facility Comparison, Follow-up Detail, Data Quality, Switch Registry, Log out.
- Left Sidebar (Hamburger Menu):**
 - Additional Reports
 - Technical Specifications
 - How To
 - Setup My Markets
 - Add a User
 - Files and Downloads
 - Release Notes
 - Set Preferences
 - My Markets (Preferences)** (highlighted)
- Main Content Area:**
 - Filters: All (dropdown), BENCHMARKS FROM: 2022Q3, ENDING TIMEFRAME: 2023Q3*, INCLUSION: All Hospitals, AGGREGATED ON: 9/22/2023 9:45:21 AM
 - Table Headers: Corporate Group for Evaluation Client 1 (HS), Capital Division, Central and West Texas Division, Continental Division
 - Table Rows (Measures):
 - PCI guideline discharge meds: 97.9%, 99.0%, 99.3%
 - Unfractionated heparin (all pts)
 - Standardized mortality (pts w/out shock or CA)
 - My stress or imaging study
 - My stress or imaging study: 48.70%, 55.84%, 62.63%
 - 4448 - Median time to PCI for STEMI pts: 61, 53, 56
 - 4449 - PCI for STEMI w/in 90 min: 95.25%, 95.24%, 100.00%
 - 4451 - Median transfer time door to door for STEMI pts: 69, 68, 59
 - 4452 - Median time to PCI for transfer STEMI pts: 107, 102, 89
 - 4702 - Aspirin at discharge: 99.2%, 99.6%, 99.7%
 - 4711 - P2Y12 at discharge: 99.3%, 99.7%, 100.0%
 - 4707 - Statin at discharge: 98.7%, 99.4%, 99.5%
 - 4682 - Creatinine pre/post-PCI: 90.6%, 85.8%, 94.0%
 - 5004 - Median time to PCI for in-hosp STEMI: 69.0, 44.5, 41.0
 - 5002 - PCI radiation dose documented: 76.1%, 58.1%, 80.2%
 - 5003 - Cardiac rehab referral: 57.0%, 54.8%, 72.5%
 - Outcome Metrics:**
 - 4895 - Emergency/salvage CABG post PCI: 0.1%, 0.1%, 0.1%
 - 4235 - Intra/post-procedure stroke: 0.3%, 0.1%, 0.6%
 - 4603 - Composite: Major AE all pts: 2.64%, 2.79%, 3.18%
 - 4288 - Transfusion post PCI: 0.69%, 0.70%, 0.57%
 - 5000 - Composite: Major AE select pts: 1.9%, 1.6%, 3.1%
 - 13046 - Risk standardized mortality (all pts)
 - 13047 - Risk standardized mortality (pts w/out STEMI)
 - 13048 - Risk standardized mortality (pts w/out shock or CA)
 - 13062 - CTO PCI w/ technical success: 55.8%, 27.3%, 48.4%
 - 12988 - CTO PCI w/ procedural success: 53.5%, 22.7%, 43.3%
 - 15678 - Risk standardized AKI (all pts)
 - Diagnostic Metrics:**
- Legend:** Percentiles: 90th, 75th, 50th, 25th, 10th. Selected: 50th Percentile.

Note: It will take a 24-hour refresh before the changes are reflected on the dashboard.

eReports Health Systems Dashboard User Guide



Users can also hover over aggregate market and system data to view the breakdown of individual facilities' contributions to the total value.





6.4 Facility Comparison

Facility comparison provides an overview of how the health system is performing compared to the national benchmark, as well as how each facility is performing against each other.

Use the Metric drop-down menu to select the data of interest. Note: for some metrics, including those supported by a risk model, it is necessary to use the down arrow to expand the list to view the elements of the metric before selecting one that will produce the desired value. For example, to view the R4Q rate for a list of facilities on the metric "Risk Standardized Bleeding (all patients)" you will click on the down arrow next to the metric "Risk Standardized Bleeding (all patients)" and locate the applicable metric key, which is "4934 – Risk Standardized Bleeding (all patients)."

Hovering over each line in the Metric drop-down will display the full name if it is not visible in the menu window.

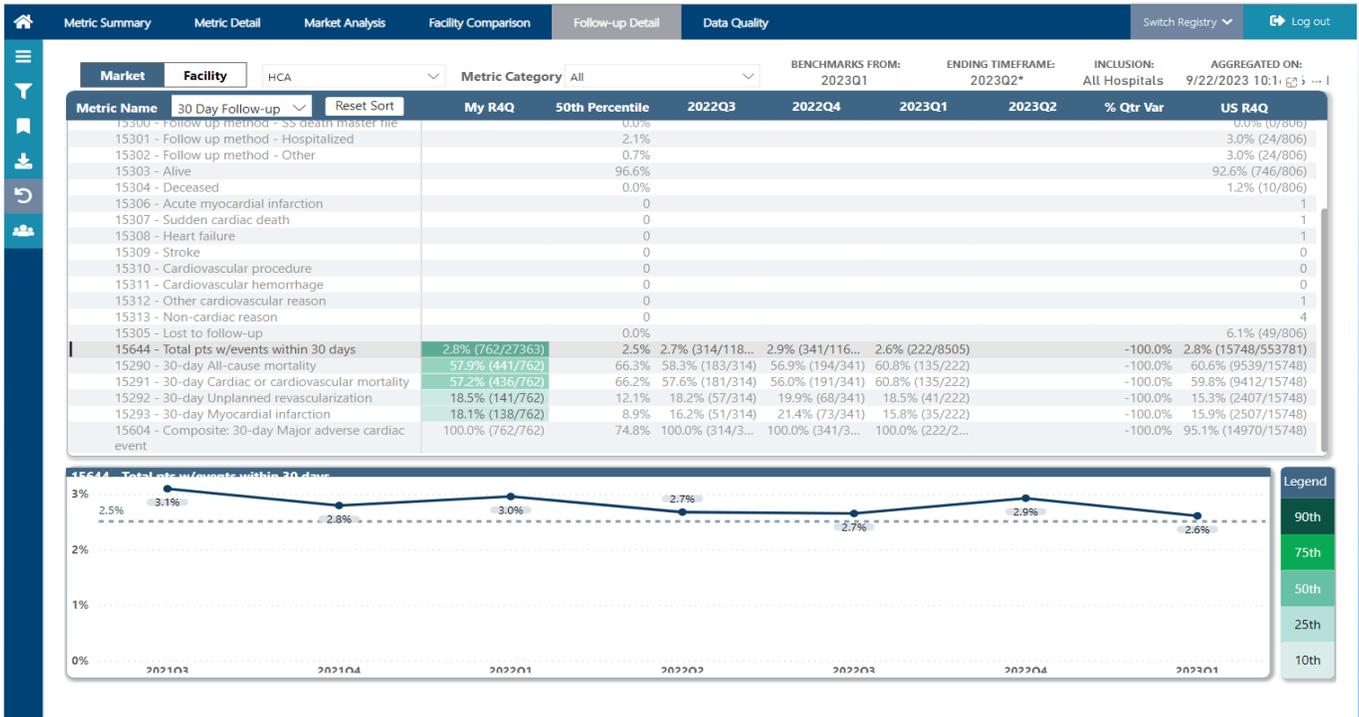


6.5 Follow up Detail

This page provides the follow up detail lines. Detail Line metrics will display quarterly data for the 4 quarters defined by the Ending Timeframe and the sum of this data

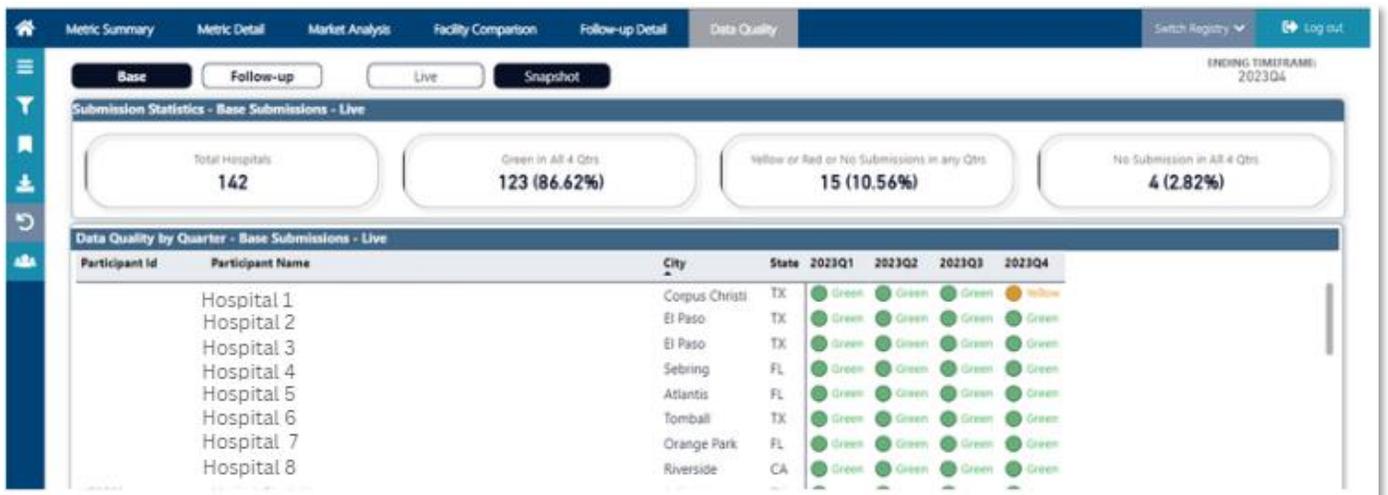


is displayed in the My Group R4Q column. R4Q data can be evaluated against the Health System and the national benchmarks.



6.6 Data Quality Report (DQR)

The data quality report (DRQ) page provides an overview of the submission status for all facilities for each quarter. This page also provides the submission status for each facility for each quarter. Users can utilize the toggle features at the top of the page to view the submission status for base and follow-up metrics. Additionally, users can toggle between viewing the submission status for the most recent submission and the R4Q published submissions.





If you have any questions, please contact ncdr@acc.org or your client support specialist.