



NCDR[®]

NATIONAL CARDIOVASCULAR DATA REGISTRY

eReports Corporate Dashboard

User Help Guide

Version 2.0

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.

The NCDR[®] is an initiative of the American College of Cardiology Foundation, with partnering support for the CathPCI Registry from the Society for Cardiovascular Angiography and Interventions, and the ICD Registry from the Heart Rhythm Society.

CONFIDENTIALITY NOTICE

This document contains information confidential and proprietary to the American College of Cardiology Foundation. This document is intended to be a confidential communication and may involve information or material that may not be used, disclosed or reproduced without the written authorization of the ACCF. Those so

authorized may only use this information for a purpose consistent with the authorization. Reproduction of any section of this document with permission must include this notice.

Contents

Contents	2
I. Introduction	4
A. Definitions	4
B. User Privileges	5
II. Registry Login	6
C. On-boarding	6
D. Login	6
III. Administration	8
E. Individual Profile	9
1. Change Contact Information	10
2. Change Password	10
F. Corporate Profile	10
1. Hospital(s) Information	11
2. Contact Information	Error! Bookmark not defined.
G. Corporate User Administration	12
1. Search User	12
2. Add User	13
3. Edit User	14
IV. Corporate Dashboard	15
A. DQR Submission Status (Left Panel)	15
1. Current	16
2. Historical	17
3. DQR Drilldown Reports	18
B. Notify	19
C. Reports	19
1. Executive Summary Report	20
2. Facility Demographics	21
3. Hospital Detail Report	22

4.	Participating Program Report	23
5.	Participating Registry Report	24
6.	Data Collection Vendor	24
D.	Files	25
E.	Set Preferences	25
1.	My Metrics	26
2.	My Markets	27
F.	eReports Dashboard (Right Panel)	29
1.	My Metrics Tab	30
2.	Executive Metrics	30
3.	Market Analysis	30
	Questions and Comments	33

I. Introduction

NCDR® eReports Corporate is designed to support clients such as hospitals or 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, NCDR® eReports Corporate 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 utilizing customized markets.

This user help guide will familiarize you with the eReports Corporate Dashboard and assist you in using this tool to better improve the quality of cardiovascular care for your patients. Provided in this guide is an overview of the features of the eReports Corporate Dashboard National Cardiovascular Data Registry's (NCDR®) features and how to access them. 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 Corporate Dashboard

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.

My Metrics: These are the metrics your organization will most commonly reference. Clients can hand pick these metrics.

My Markets: These are user defined based on the hospitals participating in their program.

Limited: This signifies hospitals who submit a form with a reduced set a data to the registry (only applicable for some registries). These hospital submissions are reviewed based on the benchmark quality for limited data submissions only.

Premier: This signifies hospitals who submit forms with more extensive datasets to the applicable registry (only applies to some registries). These hospital submissions are reviewed based on the benchmark quality for premier submission forms.

User Privileges

eReports – Admin: Users with this privilege are able to change preferences for 'My Metrics' and 'My Markets' for that institution.

eReports: Users with this privilege are able to view the reports for that institution.

Corporate Profile – View: Users with this privilege are able to see the Corporate Profile of the institution.

Corporate Profile – Update: Users with this privilege are able to update that institution's corporate profile.

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

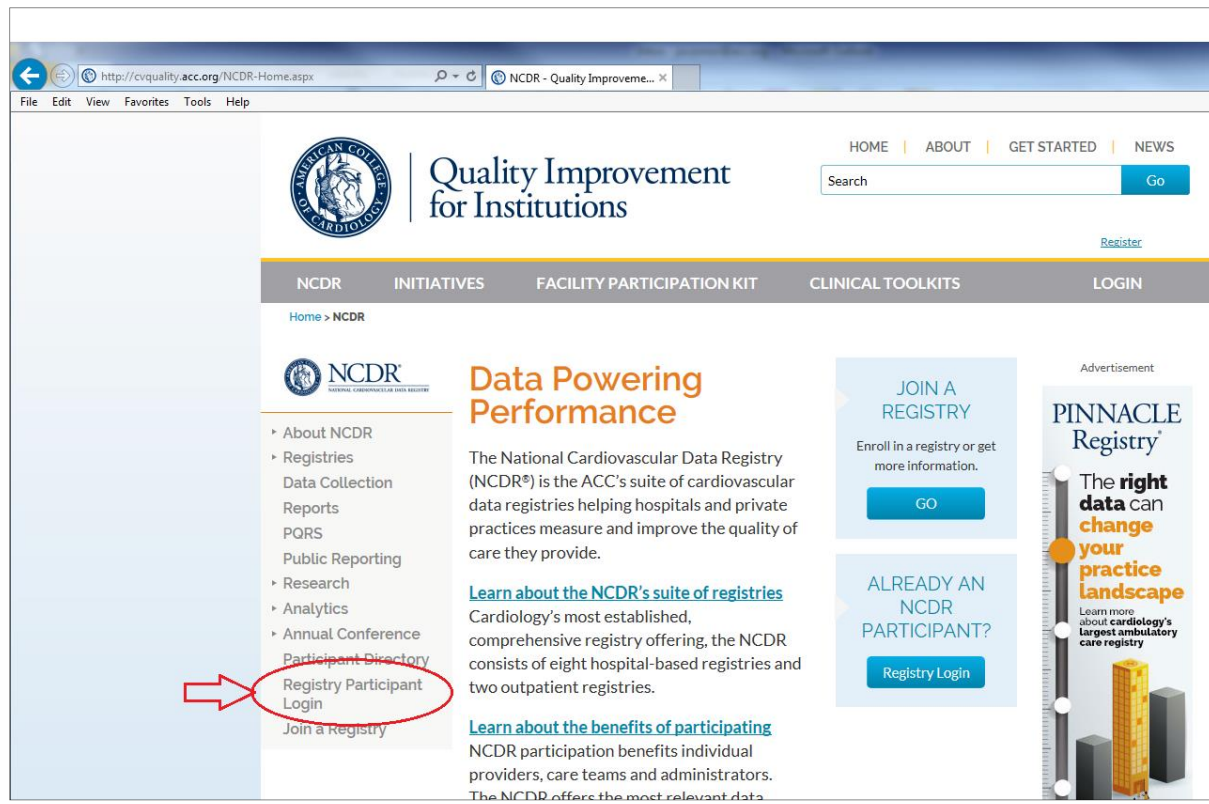
II. Registry Login

On-boarding

In order to access the NCDR® eReports Corporate Dashboard a new user must complete the on-boarding process initialized by the contractual agreement between NCDR® and the client. The client will then receive a welcome email which includes a request to complete a client contact information form in order to set up the initial client account users and a site inclusion form to authorize the transmission of data findings. Both of these forms must be completed and returned via e-mail to activate the account. Upon account activation, the client will receive a system email notification that confirms account activation and provides a Participant ID, and username and a temporary password associated with the account

Login

Once your account organization's account is established on NCDR.com you will receive an email from an NCDR admin containing your log-in credentials. To access a registry and/or the Corporate Dashboard, go to www.NCDR.com. Click the **Registry Participant Login** button in the lower left hand corner of the web page. 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).



https://www.ncdr.com/webncdr/Login?ReturnUrl=/webncdr/h... Login

File Edit View Favorites Tools Help

NCDR
NATIONAL CARDIOVASCULAR DATA REGISTRY

Login

Participant Login

Participant ID

Username:

Password:

Login Forgot Password?

NCDR
NATIONAL CARDIOVASCULAR DATA REGISTRY

Terms and Conditions Privacy Policy

Cardiosource.org | ACC Quality Improvement for Institutions | NCDR.com

©2016 American College of Cardiology Foundation. All rights reserved.

https://www.ncdr.com/webncdr/home/registry-selection Registry Selection

File Edit View Favorites Tools Help

NCDR
NATIONAL CARDIOVASCULAR DATA REGISTRY

NCDR Home / Registry Selection

Choose a registry:

Hospital Registries:	EP Registry Suite:	Outpatient Registries:
ACTION Registry - GWTG	ICD Registry	Diabetes Collaborative Registry
CathPCI Registry	AFib Ablation Registry	PINNACLE Registry
IMPACT Registry		
LAO Registry		
PVI Registry		
STS/ACC TVT Registry		

After successful Login to the User account, access the registries subscribed to by clicking on either the **Hospital Registries**, **EP Registry Suite**, or **Outpatient Registries** tabs and selecting the desired registry. 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 corporate dashboard.

III. Administration

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

The screenshot shows the NCDR ACTION Registry-GWTG website. The browser address bar displays <https://www.ncdr.com/WebNCDR/ACTION/Home/Announcer>. The page header includes the NCDR logo, the text "ACTION Registry® - GWTG™", and a "Switch Registry" button. A user login bar shows "Jaime O'Connor | American College Of Cardiology | Logout". The main navigation bar includes "Home" and "Administration". The "Administration" menu is expanded, showing a list of options: Individual Profile, Site Profile, Site User Administration, Individual Profile, Vendor Profile, Vendor User Management, Individual Profile, Partner User Administration, Vendor Participants, Corporate Profile, Corporate User Administration, and Dashboard. Red arrows point to the "Administration" menu and the "Individual Profile", "Corporate Profile", and "Corporate User Administration" options. The main content area displays a "Welcome ACTION Registry-GWTG Participants" message, followed by announcements about scheduled maintenance, NCDR.16 recordings, and NCDR.16 evaluations.

- 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.
- 2. 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 a yearly basis. Users with "Corporate Profile – Update" privileges should also update the Corporate Profile as information about the institution changes throughout the year.
- 3. 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.

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 and complete so the institution's site manager and ACC staff can contact each site user.

Home

- Administration
 - Individual Profile**
 - Site Profile
 - Site User Administration
 - Individual Profile
 - Vendor Profile
 - Vendor User Management
 - Individual Profile
 - Partner User Administration
 - Vendor Participants
 - Corporate Profile
 - Corporate User Administration
- Dashboard
- Corporate Dashboard (Beta)
 - Reports
 - Data
 - Patient Navigator Program
 - Resources
 - Control

Individual Profile

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

Username *

[Change Password](#) [Change Password](#)

Prefix First Name ** MI Last Name ** Suffix

Ms

Title Function * Department

Other ☒ NCDR Scientific Reporting

Country *

UNITED STATES ☒

Address 1*

2400 N Street, NW

Address 2

City/Town * State/Province * ZIP/Postal Code *

Washington District of Columbia ☒ 20037

Phone and Ext. Fax Email **

List of Linked Participants :

Participant Id	Participant Name
999999	American College Of Cardiology

[Save](#)

* - denotes a required field

This link allows you to maintain vital information about your institution that is required for participation in the NCDR®. The Corporate Profile should be completed by the user with corporate profile update privileges. At a minimum, the site manager will be required to update the Corporate Profile on a yearly 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 update privileges can make adjustments to the account profile.

1. Hospital(s) Information

Those granted Corporate Profile editing privileges should keep the Corporate Profile information updated as the institution changes maintaining 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 then number of hospitals with Electrophysiology Programs and Emergency Departments relative to the number of unique hospitals in the institution.

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.

Client ID: 1000005

Corporate Info

Corporate ID:	Encryption Key:
Corporate Name:	Contract Date: 12/31/2016

Hospital(s) Info

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

Contact Information

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

Corporate User Administration

This link allows those granted corporate site administrator privileges to grant access to the site to other users and assign the appropriate user privileges. In Corporate User Administration, the user may add, edit or disable users as well as grant privileges for viewing data including eReports and updating the Site Profile.

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, user name or email address in order to look up what privileges that user has.

First Name:

Last Name:

User Name:

Email Address:

Search User

Reset Search

Edit User

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

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

Add New User

Back to Top

2. Add User

Vendor Profile

Vendor User Management

Individual Profile

Partner User Administration

Vendor Participants

Corporate Profile

Corporate User Administration

Dashboard

Corporate Dashboard (Beta)

Reports

Data

Patient Navigator Program

Resources

Control

Public Links

Quality Improvement for Institutions Home

NCDR Home

First Name:

Last Name:

User Name:

Email Address:

Search User

Reset Search

	Access	First Name	Last Name	User Name	Email Address
Edit	No				
Edit	No				
Edit	No				
Edit	No				
Edit	No				
Edit	No				
Edit	No				
Edit	No				
Edit	No				
Edit	No				

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

Add New User

Home

Administration

Individual Profile

Site Profile

Site User Administration

Individual Profile

Vendor Profile

Vendor User Management

Individual Profile

Partner User Administration

Vendor Participants

Corporate Profile

Corporate User Administration

Dashboard

Corporate Dashboard (Beta)

Reports

Data

Patient Navigator Program

Resources

Control

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

Title

Function *

Department

Country *

Address 1 *

Address 2

City/Town *

State/Province *

ZIP/Postal Code *

Phone and Ext.

Fax

Email *

Corporate User Setup

Address 1*

Address 2

City/Town * State/Province * ZIP/Postal Code *

Phone and Ext. Fax Email *

Role(s)

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

Privilege(s)

- ☐ Corporate Profile - VIEW
- ☐ Corporate Profile - UPDATE
- ☐ Corporate Site User Administration

By clicking 'Save', our automated system will send the new user his/her login credentials via email.

[Save](#) [Return to Search](#)

* denotes a required field

[Back to Top](#)

3. 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 the 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.

4. 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 in order to keep the changes that are made.

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

IV. Corporate Dashboard

The Corporate dashboard page consists of two panels. The left panel features the Data Quality Program (DQR) Submission Status (outlined in yellow), notifications, reports, files and access to eReport preferences (outlined in green). The right side features the eReport Dashboard (outlined in red) with data filtered to it based on settings chosen by the user and designated as My Metrics and My Markets as well as the timeframe and **Include** parameters.

The screenshot displays the ACTION Registry - GWTG Corporate Dashboard (Beta) interface. The top navigation bar includes the NCDR logo, the text "ACTION Registry® - GWTG™", a "Switch Registry" dropdown, and a "Logout" link. Below the navigation bar, the dashboard is divided into two main panels. The left panel, titled "DQR Submission Status", is outlined in yellow and contains a "Current" tab, a table showing submission data for the quarter ending 2020Q4, and a "Set Preferences" section with links for "My Metrics" and "My Markets". The right panel, titled "ACTION eReports Dashboard", is outlined in red and contains a "Timeframe" dropdown set to "2015Q4", an "Include" dropdown set to "Green in All 4 Quarters", and a "All Hospitals" dropdown. Below these filters, there is a "My Metrics" section with a table showing metrics for "My Group", "US Hospitals 90th Pct", and "US Hospitals Excl. My Group". The table includes a "Metric Name" column and a "My Hospital Ranking Range" column with a color-coded scale from <10 to >90. The interface also includes a "Notify" button, a "Reports" button, and a "Files" button.

Quarter ending 2020Q4	My Group	All US Hospitals	
Count	%	Count	%
No Submission in All 4 Qtrs		1,078	100.00%
Total Hospitals		1,078	100%

Metric Name	My Group	US Hospitals 90th Pct	US Hospitals Excl. My Group			
My Hospital Ranking Range	<10	10-25	26-50	51-75	76-90	>90

The registry tabs available to each user are dependent on their permissions as configured in the Corporate Site User Administration settings. Each registry tab follows the same formatting and functions.



DQR Submission Status (Left Panel)

Participants of the registries submit data to the NCDR® for quality review. This quality review is known as the Data Quality Reporting (DQR) process. The DQR checks submitted patient records and returns a green, yellow or red status for their submission. Data are first checked for errors then checked for “completeness” thresholds. Passing the DQR ensures well-formed data and a statistically significant submission. Green light submissions will be displayed in the quarterly reports along with yellow light submissions displayed in the details section of the report. Following successful submission to the DQR, the data is included in the current data set and the dashboard includes data submitted with a green light status. The user can view the DQR summaries for both current and historical DQR submissions. For a complete DQR reference guide, click on the **Resources** tab at the top of the screen and select the **Data Call for Submission Guide**.

The screenshot displays the NCDR ACTION Registry - GWTG Corporate Dashboard (Beta). The left panel shows the DQR Submission Status section with tabs for Current and Historical. The Current tab is selected, showing a table with columns for Quarter ending 2020Q4, My Group, and All US Hospitals. The table shows 'No Submission in All 4 Qtrs' and 'Total Hospitals' with counts and percentages.

Quarter ending 2020Q4	My Group	All US Hospitals		
	Count	%	Count	%
No Submission in All 4 Qtrs			1,078	100.00%
Total Hospitals			1,078	100%

The right panel shows the ACTION eReports Dashboard with filters for Ending Timeframe (2015Q4), Include (Green in All 4 Quarters), and All Hospitals. It also includes a table for My Metrics and a section for Report Download and Report Links.

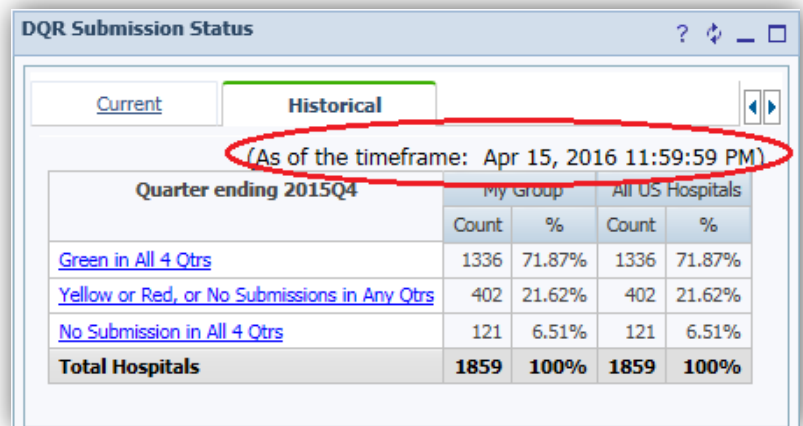
1. Current

The Current tab shows the up to date DQR submission status of member institutions as of the current date and time. Note: The Current tab is not available on all dashboards.

To view the summary of the current four quarter time period select the left most tab at the top of the left DQR Submission Status panel.

2. Historical

The Historical tab shows the DQR submission status of institutions as of the harvest date for the published aggregation. The final submission date of the four historical quarters is provided at the top of the historical DQR table. **Note:** **NCDR® Registries permit hospitals to resubmit data for prior periods but submissions made after the harvest date will not be included in the historical data.**



The screenshot shows a window titled "DQR Submission Status" with two tabs: "Current" and "Historical". The "Historical" tab is selected. Above the table, it says "Quarter ending 2015Q4" and "(As of the timeframe: Apr 15, 2016 11:59:59 PM)". The table has two main sections: "My Group" and "All US Hospitals", each with "Count" and "%" columns.

	My Group		All US Hospitals	
	Count	%	Count	%
Green in All 4 Qtrs	1336	71.87%	1336	71.87%
Yellow or Red, or No Submissions in Any Qtrs	402	21.62%	402	21.62%
No Submission in All 4 Qtrs	121	6.51%	121	6.51%
Total Hospitals	1859	100%	1859	100%

Select to view the historical view data by selecting the right tab in the top portion of the left DQR Submission Status panel.

Example: If a user selects to view data ending in quarter 2012Q3 as the user has done in the image above, then they will see all submitted data for that quarter and the three quarters prior to it until the harvest date for submissions for that selected ending quarter. The date for that data harvest is shown above the DQR grid. For a complete guide of harvest dates for your registries click on the **Resources** tab at the top of the screen.

3. DQR Drilldown Reports

The user can view submission statuses at the hospital level by clicking on one of the status links in the DQR Summary table. Any of the three links will navigate the user to the Hospital Data Submission Status Report with the defaulted link set as the submission status. This report allows the user to see the submission status for each institution. From this page the user can also change the filter to see the report for other timeframes and statuses. The Ending Timeframe filter designates the final quarter of a 4 quarter period for with the report is generated. The Submission Status filter allows the user to generate a report that includes only green submissions, yellow or red, or no submissions in any quarters, no submissions in all four quarters, or all submission statuses. For applicable registries each hospital submission is also identified as a limited submission (L) or a premier submission (P). The sorting options include Hospital Name, City and State. Additionally, a version of the report may be exported by clicking on the **Excel Export** Button.

Ending Timeframe filter

Submission Status Filter

Excel Export Button

Sort by Menu

Action Registry
Hospital Data Submission Status Report
Quarter Ending: 2012Q3

Filter Panel

Ending Timeframe: 2012Q3
Submission Status: Green in All 4 Qtrs

Retrieve Export

Sort By: Hospital Name

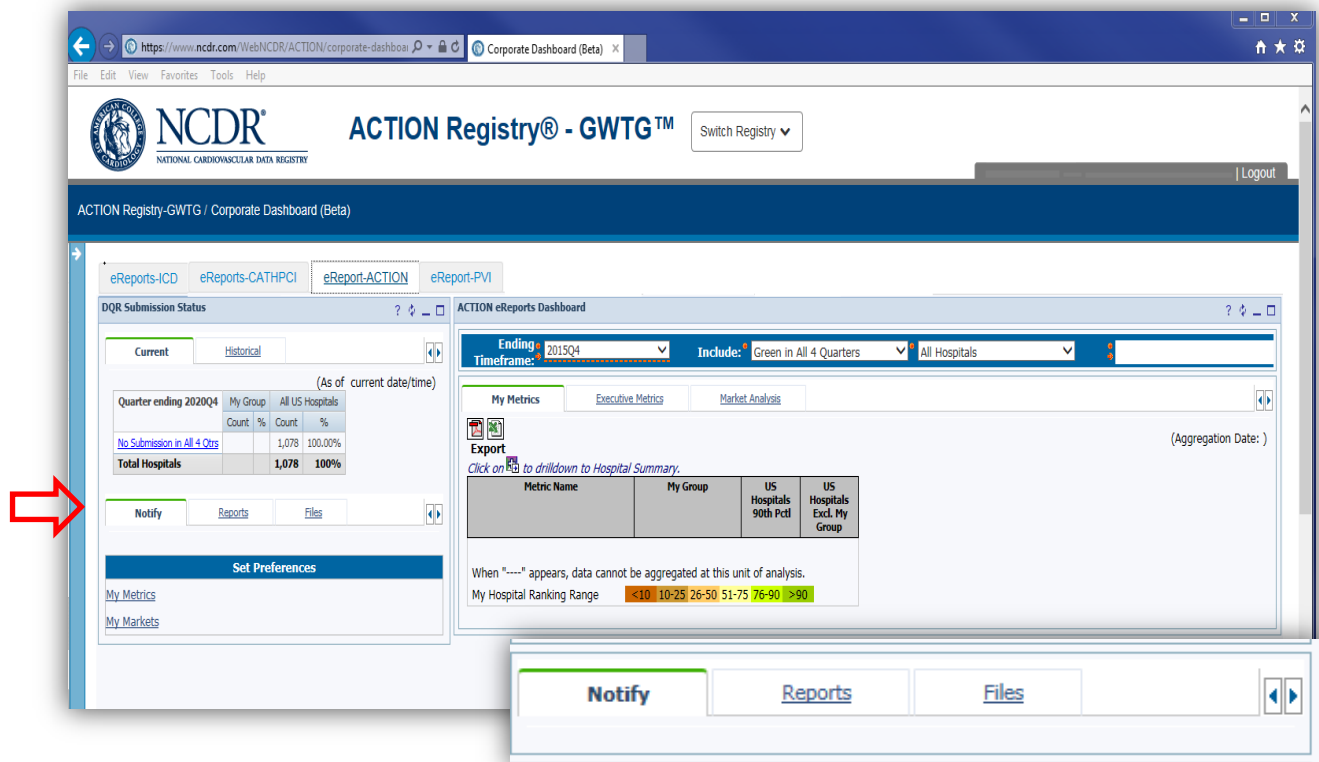
Hospital Data Submission Detail										
Hospital Name	City	State	2012Q3	2012Q3 - Submission Type	2012Q2	2012Q2 - Submission Type	2012Q1	2012Q1 - Submission Type	2011Q4	2011Q4 - Submission Type
##### - Institution Name	City	CA	G	P	G	P	G	P	G	P
##### - Institution Name	City	FL	G	P	G	P	G	P	G	P
##### - Institution Name	City	UT	G	P	G	P	G	P	G	P
##### - Institution Name	City	KS	G	P	G	P	G	P	G	P
##### - Institution Name	City	LA	G	P	G	P	G	P	G	P
##### - Institution Name	City	TX	G	P	G	P	G	P	G	P
##### - Institution Name	City	TX	G	P	G	P	G	P	G	P
##### - Institution Name	City	TX	G	P	G	P	G	P	G	P
##### - Institution Name	City	CA	G	P	G	P	G	P	G	P
##### - Institution Name	City	TX	G	P	G	P	G	P	G	P
##### - Institution Name	City	SC	G	P	G	P	G	P	G	P
##### - Institution Name	City	SC	G	P	G	P	G	P	G	P
##### - Institution Name	City	NV	G	P	G	P	G	P	G	L
##### - Institution Name	City	TX	G	P	G	P	G	P	G	L
##### - Institution Name	City	TX	G	P	G	P	G	P	G	L
##### - Institution Name	City	KY	G	L	G	L	G	L	G	L
##### - Institution Name	City	CA	G	P	G	P	G	P	G	P
##### - Institution Name	City	CO	G	P	G	P	G	P	G	P
##### - Institution Name	City	CA	G	P	G	P	G	P	G	P
##### - Institution Name	City	CA	G	P	G	P	G	L	G	P
##### - Institution Name	City	FL	G	L	G	P	G	P	G	P
##### - Institution Name	City	FL	G	P	G	P	G	P	G	P
##### - Institution Name	City	KS	G	L	G	L	G	L	G	L
##### - Institution Name	City	TX	G	P	G	P	G	P	G	P
##### - Institution Name	City	CO	G	P	G	P	G	P	G	P
##### - Institution Name	City	IN	G	P	G	P	G	P	G	P

Submission Type: L = Limited, P = Premier
Submission Status: G = Green, Y = Yellow, R = Red
Blank Field = No Submission

Top Page up Page down Bottom

A. Notify

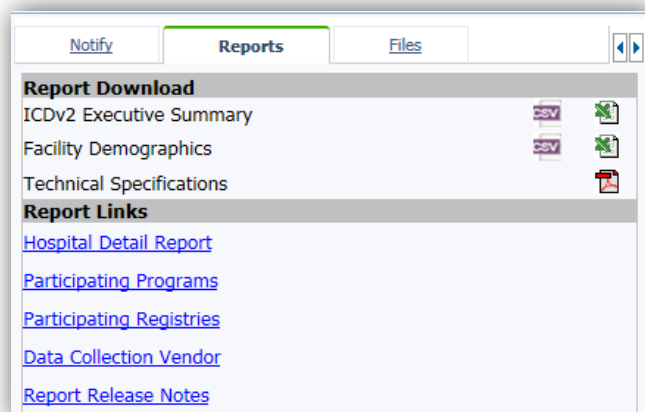
Notifications are used to inform **NCDR®** eReports Corporate clients of any updates regarding participants or the dashboard itself. this feature is also used as a vehicle for communicating any upcoming events or site maintenance. Notifications are set by ACC staff with an expiration date so that once the expiration date is reached, the notification is no longer visible.



The notifications are located under the Notify tab on the left side of the Corporate Dashboard page. It is the left most tab located directly below the DQR Submission Status summary table.

B. Reports

There are six reports provided in the Reports tab. Two reports, the Executive Summary and Facility Demographics reports are registry specific while the Hospital Detail, Participating Programs, Participating Registries and Data



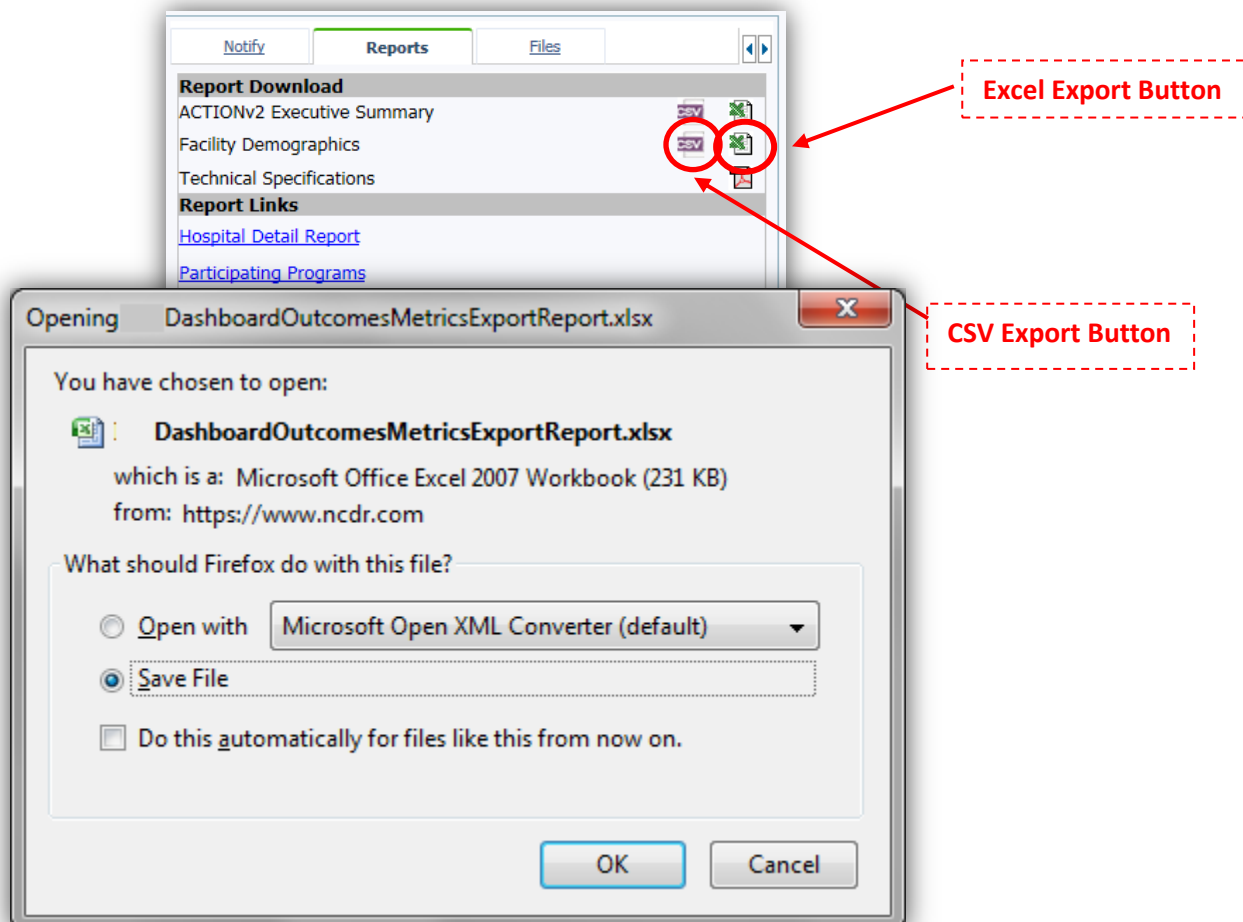
Collection Vendor reports are identical across registries. Note: The “Report Links” section, including the Hospital Detail Report, Participating Programs, Participating Registries and Data Collection Vendor reports, are not available on all dashboards.

Report	Scope	Visibility
Executive Summary	Registry-specific	Systems
Facility Demographics	Registry-specific	Systems
Hospital Detail	Identical for all registries	Hospital Systems
Participating Programs	Identical for all registries	Hospital Systems
Participating Registries	Identical for all registries	Hospital Systems
Data Collection Vendor	Identical for all registries	Hospital Systems

The Reports tab is located on the left side of the Coporate Dashboard page to the right of the Notify tab and under the DQR Submission Status table.

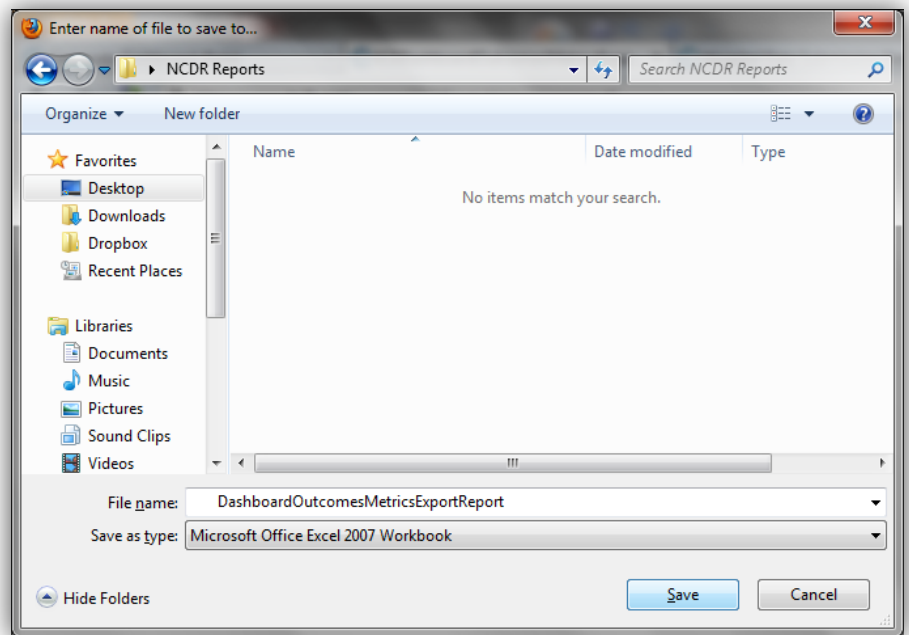
1. Executive Summary Report

This report provides users with a summary of the data collected for each of the institutions in the system. Each registry has its own executive summary specific to the data collected in that registry.



The Executive Summary Report is accessed in the form of an Excel export by clicking on the Excel button just to the right of the <Registry>Executive Summary Report label. Click **Save As** and click **OK**. Then select a location and click **Save**. To view the report, open the Excel file from the location where it is saved. Follow the same procedure with the CSV export button.

For specific details on what data elements are included in the Executive Summary Report, please reference the eReports Corporate Dashboard Technical Specifications.



2. Facility Demographics

This report provides the user with a summary of the demographics data for the facilities reporting data in that registry. Like the Executive Summary Report, this report is specific to each registry.

The Facility Demographics report is also accessed under the reports tab by saving a copy of the report locally. This is done by clicking on the Excel button to the right of the Facility Demographics title, and then clicking **Save As** and **OK**, then selecting a location and clicking **Save**. The saved report can then be opened locally.

For specific details on what data elements are included in the Executive Summary Report, please reference the eReports Corporate Dashboard Technical Specifications.

3. Hospital Detail Report

The Hospital Detail Report is accessible at the participant level and allows organizations to see their specific institutions' performance metrics as well as be able to compare them to the 90th percentile for all US hospitals. The report can be filtered by ending the timeframe for four quarter data submissions as well as by hospital. By clicking the Retrieve button after selecting both the ending timeframe and the hospital, the report will run showing the facility demographics the hospital data submission status for the last four quarters and the institution's metrics for all metrics tracked.

Action Registry
Hospital Detail Report
- Hospital Name

Filter Panel

Ending Timeframe
* 2012Q3

Hospital
- Hospital Name

Retrieve

Export

Facility Demographic

Address1	Address2	City	State	Zip	ICD Volume	AHA	NPI

Hospital Data Submission Status

2011Q4	2012Q1	2012Q2	2012Q3
G	G	G	G

Metric Name	Hospital	US Hospitals 90th Pctl
Device Based Therapy Guidelines Metrics		
12 - Proportion of patients that receive an ICD for class I, IIa, and IIb guideline indications		<10
Process Metrics		
4 - Proportion of patients with left ventricular systolic dysfunction who were prescribed ACE-I or ARB therapy		26-50
5 - Proportion of patients with prior MI prescribed beta-blocker therapy on discharge		10-25
6 - Proportion of patients with left ventricular systolic dysfunction (LVSD) who were prescribed beta-blocker therapy on discharge		10-25
7 - Proportion of patients that receive an ICD that receive antibiotics prior to procedure		>90
14 - Composite: Discharge Medications (ACE/ARB and beta blockers) in Eligible ICD Implant Patients		10-25
Outcome Metrics		
10 - Failure to successfully place coronary sinus/left ventricular lead (CRT-D implants)		>90
11 - Incidence of hematoma (implant procedures)		>90
13 - Incidence of death or major adverse event (Implant procedures)		>90
Hospital Ranking Range <10 10-25 26-50 51-75 76-90 >90		

This report is viewable through the browser by clicking the "Hospital Detail Report" link under the Reports tab on the Corporate Dashboard page. A version of the report can also be exported to Excel using the Excel Export button located next to the filters on the report page.


4. Participating Program Report

This report provides the system level user with a breakdown of the programs in which their institutions are participating. Both a summary of the programs, in which the number of hospitals within each program and the associated registry for that program are provided, as well as a hospital listing for the participating programs are provided.

This report is accessed via the report link under the Reports tab. This report can also be saved locally by using the Excel Export button at the top of the report page to save an Excel version to a local drive.

Participating Program Report

- Participant Name

 **Export**

Participating Program Summary		
Participating Program	Number Of Hospitals	Product Name
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>
Participant Program	####	<Registry>

Participating Program Detail						
Participating Program	Hospital Name	City	State	Registry	AHA	NPI
Participant Program	<Hospital Name>		TX	CathPCI		
Participant Program	<Hospital Name>		VA	CathPCI		
Participant Program	<Hospital Name>		VA	CathPCI		
Participant Program	<Hospital Name>		TX	CathPCI		
Participant Program	<Hospital Name>		VA	CathPCI		
Participant Program	<Hospital Name>		TX	CathPCI		
Participant Program	<Hospital Name>		VA	CathPCI		
Participant Program	<Hospital Name>		TX	CathPCI		

Top Page up Page down Bottom

5. Participating Registry Report

Participating Registry Report
- Participant Name

Export

Excel Export Button

Participating Registry Summary	
Participating Registry	Number Of Hospitals
ACTION	####
CARE	####
CathPCI	####
ICD	####
IMPACT	####
TVT	####

Participating Registry Detail								
Participating Registry	Hospital Name	City	State	AHA	NPI	Site Manager	E-Mail	Phone

Top Page up Page down Bottom

The Participating Registry Report is a system level report that provides a breakdown of the number of hospitals that participate in each NCDR® registry. Further breakdown is provided in the second level data table which provides a listing of each hospital and some of its information organized by registry.

The Participant Registry Report is accessed from the report link under the Reports tab on the left side of the Corporate Dashboard page and is viewed through the browser. Like the other browser based reports however, a copy can be exported to Excel on a local drive by clicking the Excel Export button at the top of the report page and choosing a location to save to.

6. Data Collection Vendor

The Data Collection Vendor Report provides a system level overview of the vendors used for data collection by the submitting institutions within the system. The report breaks down the vendors first by the registries that they are associated with followed by the number of hospitals using that vendor for that registry.

The Vendor Data Collection Report is also accessed via link under the “Report Links” heading under the reports tab on the left side

of the Corporate Dashboards page. A copy of the report can also be exported to Excel using the Excel export button at the top of the report’s page.

Data Collection Vendor Report
- Participant Name

Export

Excel Export Button

Data Collection Vendor Summary		
Vendor	Participating Registry	Number Of Hospitals

C. Files

“Files” provides another feature that enhances the communication capabilities between the American College of Cardiology and its clients. The files tab is where the ACC will post files for distribution to client Corporate Dashboard users. The **Files** tab is on the left panel of the Corporate Dashboards page located below the DQR Submission Status table. Under this tab, the system will list the file name which will be linked to the associated uploaded file as well as the load date of that file and both the last time the file was accessed and the user that accessed that file. There is also a “More” link at the bottom of the file tab area for accessing full lists of loaded files.

<div>Notify</div> <div>Reports</div> <div>Files</div> <div></div>			
Load Date	File Name	Last Access Date	Last Access User
12/22/2015	Dashboard Maintenance Details Jan 2016		
08/21/2015	File Delivery Test		
<<More>>			

D. Set Preferences

Users with eReports Administration privileges have access to set Preferences while all users can view preferences. NCDR® eReports contain features that are customizable at the client level. However, it is important to note that these features are customizable at the organization level and not at the individual level. Any update to My Markets/My Metrics definitions will be reflected in the dashboard by the next business day after the reporting data mart is updated as part of the nightly refreshing process.

The screenshot displays the NCDR ACTION Registry - GWTG Corporate Dashboard (Beta) interface. The top navigation bar includes the NCDR logo, the text "ACTION Registry® - GWTG™", and a "Switch Registry" dropdown. Below this, the "ACTION Registry-GWTG / Corporate Dashboard (Beta)" breadcrumb is visible. The main content area is divided into two panels. The left panel, titled "DQR Submission Status", shows a table with submission data for the quarter ending 2020Q4. The right panel, titled "ACTION eReports Dashboard", displays various filters and a table of metrics. A red dashed box highlights the "Set Preferences" link in the "Files" tab of the left panel. A separate orange box labeled "Set Preferences" is shown in the foreground, containing links for "My Metrics" and "My Markets".

Quarter ending 2020Q4	My Group	All US Hospitals
	Count	Count
	%	%
No Submission in All 4 Qtrs	1,078	100.00%
Total Hospitals	1,078	100%

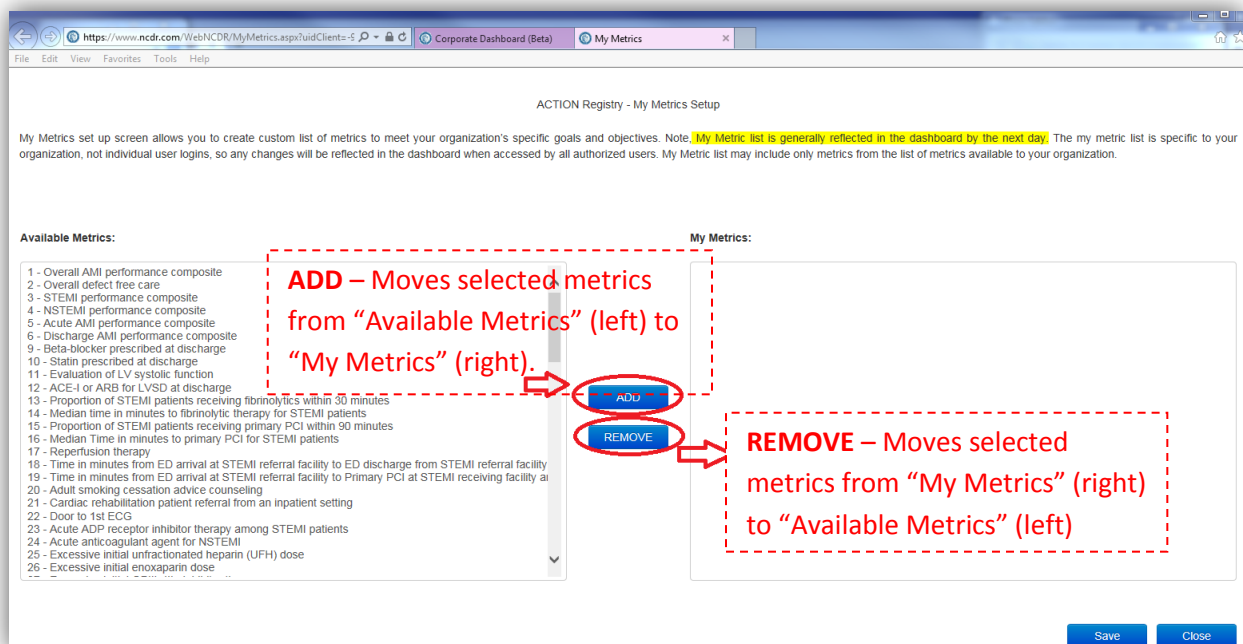
Metric Name	My Group	US Hospitals 90th Pctl	US Hospitals Excl. My Group

NOTE: System updates are made overnight and all changes made to My Market and My Metrics Preferences will not be reflected until the next day.

1. My Metrics

This page allows eReports Administrators to set the Metrics seen under the My Metrics tab in the dashboard. **NOTE: All eReports viewers see the same set of Metrics under the My Metrics tab so any changes made to these preferences will be seen by all users.** It is important to note that because the registries refresh overnight, any changes made to My Metrics will not be reflected until the following day. The only metrics available to be put in the My Metrics column are those available to the organization in the Executive Summary Metrics. **NOTE: My Metrics is restricted to the executive summary list. The my metric list is specific to your organization, not individual user logins, so any changes will be reflected in the dashboard when accessed by all authorized users. My Metric list may include only metrics from the list of metrics available to your organization.**

The left side of the My Metrics preferences contains a list of all Available Metrics not currently shown in the My Metrics tab while the list on the right shows all elements to be shown in My Metrics. Once the



preferences are saved, it is this list on the right that will show under the My Metrics tab of the dashboard the following day. Metrics are switched from one side to the other by clicking on metrics from one side and clicking on the appropriate button to switch them. To switch from Available Metrics to My Metrics, the user holds down the “Ctrl” key and clicks on metric types in the left column and then clicks **Add**. To switch metrics from My Metrics to Available Metrics, select metric types in the right column by holding down the “Ctrl” key while clicking on items from the right column and then click **Remove**. Click **Save** when changes are completed or **Cancel** to leave the page without making any changes.

The My Metrics preferences are located by clicking the “My Metrics” link under the “Set Preferences” header at the bottom of the left panel of the Corporate Dashboard page.

2. My Markets

This link allows eReports Administrators to set the Markets that are shown in the My Markets tab. While only the eReports

Administrators will have access to make changes to the My Markets preferences, all users for that participant will be able to view the markets listed under the My Markets tab of the eReports Dashboard.

NOTE: The user is limited to 100 markets total and 30 markets which are visible on the dashboard

The eReports Administrators sets the preferences for My Markets by clicking on the My Markets tab at the bottom of the left panel of the Corporate Dashboard page under “Set Preferences”. This navigates the user to the My Markets Setup page.



ACTION Registry- My Markets Setup

My Markets set up screen allows you to create custom groups of hospitals within your dashboard for comparisons that meet your organization's specific goals and objectives. Note, Market definitions are generally reflected in the dashboard by the next day. The markets are specific to your organization, not individual user logins, so any changes will be reflected in the dashboard when accessed by all authorized users. You may define up to 25 markets, while the export will include all the markets only the first 15 markets will appear on the dashboard

Market Name	Caption	Active	
Capital Division	Capital Division	Yes	Edit ↑ Up ↓ Down
Central and West Texas Division	Central and West Texas Division	Yes	Edit ↑ Up ↓ Down
East Florida Division	East Florida Division	Yes	Edit ↑ Up ↓ Down
Continental Division	Continental Division	Yes	Edit ↑ Up ↓ Down
Far West Division	Far West Division	Yes	Edit ↑ Up ↓ Down
Gulf Coast Division	Gulf Coast Division	Yes	Edit ↑ Up ↓ Down
MidAmerica Division	MidAmerica Division	Yes	Edit ↑ Up ↓ Down
Mountain Division	Mountain Division	Yes	Edit ↑ Up ↓ Down
North Florida Division	North Florida Division	Yes	Edit ↑ Up ↓ Down
San Antonio Division	San Antonio Division	Yes	Edit ↑ Up ↓ Down

1 2

New **Save** **Close**

The initial My Markets setup page provides a list of the user’s markets including the market name, a caption, the markets Active Status and links to Edit the market or move the market up or down the list in order to make adjustments to the viewing order of the markets. From this page the user can add new markets by clicking **New**.

ACTION REGISTRY- My Markets Setup (NEW)

Market Name: Caption: Active: Inactive markets will not be included in the dashboard or exports

Available Participants:

- Regional Medical Center
- Capital Regional Medical Center
- Menorah Medical Center
- Rapides Regional Medical Center
- Corpus Christi Medical Center
- Las Palmas Medical Center
- JFK Medical Center
- Orange Park Medical Center
- Medical Center of Arlington
- Conroe Regional Medical Center
- Grand Strand Regional Medical Center
- Trident Regional Medical Center
- Sunrise Hospital and Medical Center
- Methodist Hospital
- Clear Lake Regional Medical Center
- Frankfort Regional Medical Center
- Los Robles Hospital & Medical Center
- Swedish Medical Center
- St. Davids North Austin Medical Center
- Bayshore Medical Center
- Methodist Texsan Hospital
- Overland Park Regional Medical Center
- Good Samaritan Hospital
- St. David's Medical Center

ADD

REMOVE

Selected Participants:

- ST. Marks Hospital/ Northern Utah Healthcare Corpo
- Del Sol Medical Center
- Riverside Community Hospital

Note: Market definitions are generally reflected in the dashboard by next day.

In order to successfully add new markets, enter a Market Name, click on the appropriate participants from the “Available Participants” list holding down the Control key in order to select multiple and click **Add**. Once all additions have been made click **Save** to have the market definitions changed for the next day.

ACTION REGISTRY - My Markets Setup (EDIT)

Market Name: Caption: Active: Inactive markets will not be included in the dashboard or exports

Available Participants:

- Regional Medical Center
- Capital Regional Medical Center
- ST. Marks Hospital/ Northern Utah Healthcare Corpo
- Corpus Christi Medical Center
- Las Palmas Medical Center
- Del Sol Medical Center
- JFK Medical Center
- Orange Park Medical Center
- Riverside Community Hospital
- Medical Center of Arlington
- **Conroe Regional Medical Center**
- Grand Strand Regional Medical Center
- Trident Regional Medical Center
- Sunrise Hospital and Medical Center
- Methodist Hospital
- **Clear Lake Regional Medical Center**
- Frankfort Regional Medical Center
- Los Robles Hospital & Medical Center
- Swedish Medical Center
- St. Davids North Austin Medical Center
- **Bayshore Medical Center**
- Methodist Texsan Hospital
- Good Samaritan Hospital
- St. David's Medical Center

ADD

REMOVE

Selected Participants:

- Menorah Medical Center
- Rapides Regional Medical Center
- Overland Park Regional Medical Center
- Lee's Summit Medical Center
- Tulane University Hospital and Clinic
- Research Medical Center
- Dauterive Hospital
- Centerpoint Medical Center
- Regional Medical Center of Acadiana
- Lakeview Regional Medical Ctr

Note: Market definitions are generally reflected in the dashboard by next day.

Change existing markets by clicking the “Edit” link next to one of the existing markets on the My Markets Setup list. This directs the user to the “My Markets Setup (EDIT)” page where there is a prepopulated Market Name and Selected Participants. Add or Remove the appropriate participants and save the changes in order to have the new market definitions reflected in the dashboard the next day.

Additionally, when adding or editing markets to My Markets, the eReports Administrator can set the active status of the market to “Yes” or “No.” Markets set to “No” for active status will be removed from the dashboard for the following day.

E. eReports Dashboard (Right Panel)

The eReports Dashboard provides the numbers that allow users to conduct in depth analysis of their systems compared to national averages and separated out into user designated markets.

The screenshot displays the eReports Dashboard interface. At the top, there are filters for "Ending Timeframe" (set to 2012Q3) and "Include" (set to Green in All 4 Quarters). Below these are tabs for "My Metrics", "Executive Metrics", and "Market Analysis". A red dashed box labeled "Dashboard Filters" highlights the "Include" filter. On the left side, there are links for "eReports-ICD", "DQR Submission Status", "Current", "Quarter ending 2012", "Green in All 4 Qtrs", "Yellow or Red, or No Submission in Any Qtrs", "No Submission in All 4 Qtrs", "Total Hospitals", "Notify", "My Metrics", and "My Markets". A red dashed box labeled "Export Buttons" highlights the "Export" button. The main content area shows a table with columns for "Metric Name", "My Group", and various regional divisions (US Hospitals 90th Pct, US Hospitals Excl. My Group, Capital Division, Central and West Texas Division, East Florida Division, Continental Division, Far West Division, Gulf Coast Division, MidAmerica Division, Mountain Division, North Florida Division, San Antonio Division, South Atlantic Division, TriStar Division, West Florida Division). The table is divided into "Process Metrics" and "Outcome Metrics" sections. The "Process Metrics" section includes metrics 4, 6, and 7. The "Outcome Metrics" section includes metric 11. The table shows data for various metrics, with some cells highlighted in yellow or green. At the bottom, there is a "My Hospital Ranking Range" section with a color-coded legend: <10 (green), 10-25 (yellow), 26-50 (orange), 51-75 (red), 76-90 (dark red), and >90 (black).

This analysis can be conducted over a variety of

metrics collected in the NCDR® registries. Changes to the dashboards are limited by the preferences set to My Metrics and My Markets tabs by eReports Administrators. These settings may be viewed in the Set Preferences links in the left panel. However, all eReports viewers can make filter changes to see different ending timeframes to their data.

1. My Metrics Tab

The My Metrics tab shows only the metrics selected under the My Metrics preferences set by the eReports Administrators. The default metrics constitute an aggregation of all submitted institution data that passes as green in the DQR defined above. The metrics in the dashboard will also be reflective of the last four quarters ending with the quarter selected in the Ending Timeframe filter dropdown. The metrics are organized by metric categories that vary by registry.

The dashboard displays performance for each metric divided up by the markets (defined in the My Markets preferences) in order to allow the systems to see how different groups compare. Included in the metrics are the measures for “My Group,” “All hospitals 90th Percentile,” and “US Hospitals Excluding My Group.” These inclusions are compared in order to provide a ranking of the markets relative to all US hospitals. My Group numbers are ranked within a percentile range and given a color identifier. The rankings are delineated between the 10th and 25th, 26th and 50th, 51st and 75th, and 76th and 90th percentiles.

The user can view additional comparison points to all U.S. hospitals by clicking on the Export button for either a pdf or Excel where they will see comparisons to the 10th percentile, 25th percentile and 50th percentile.

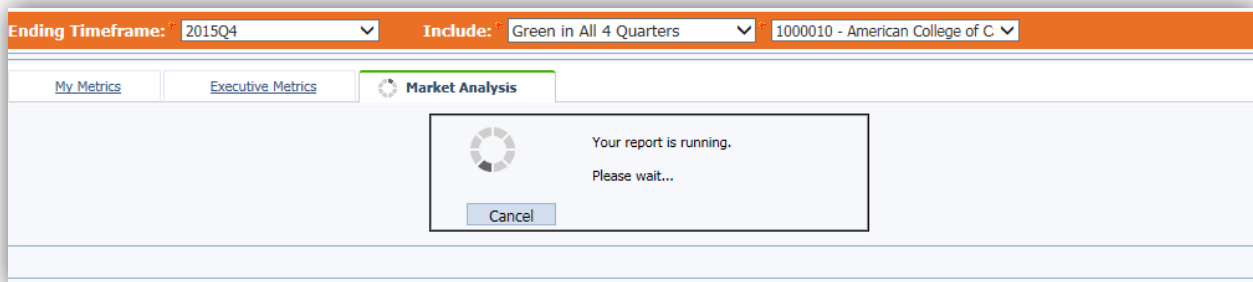
2. Executive Metrics

The Executive Metrics tab is set up the same way as the My Metrics tab. However, the executive metrics provides the full list of metrics available from the registry.

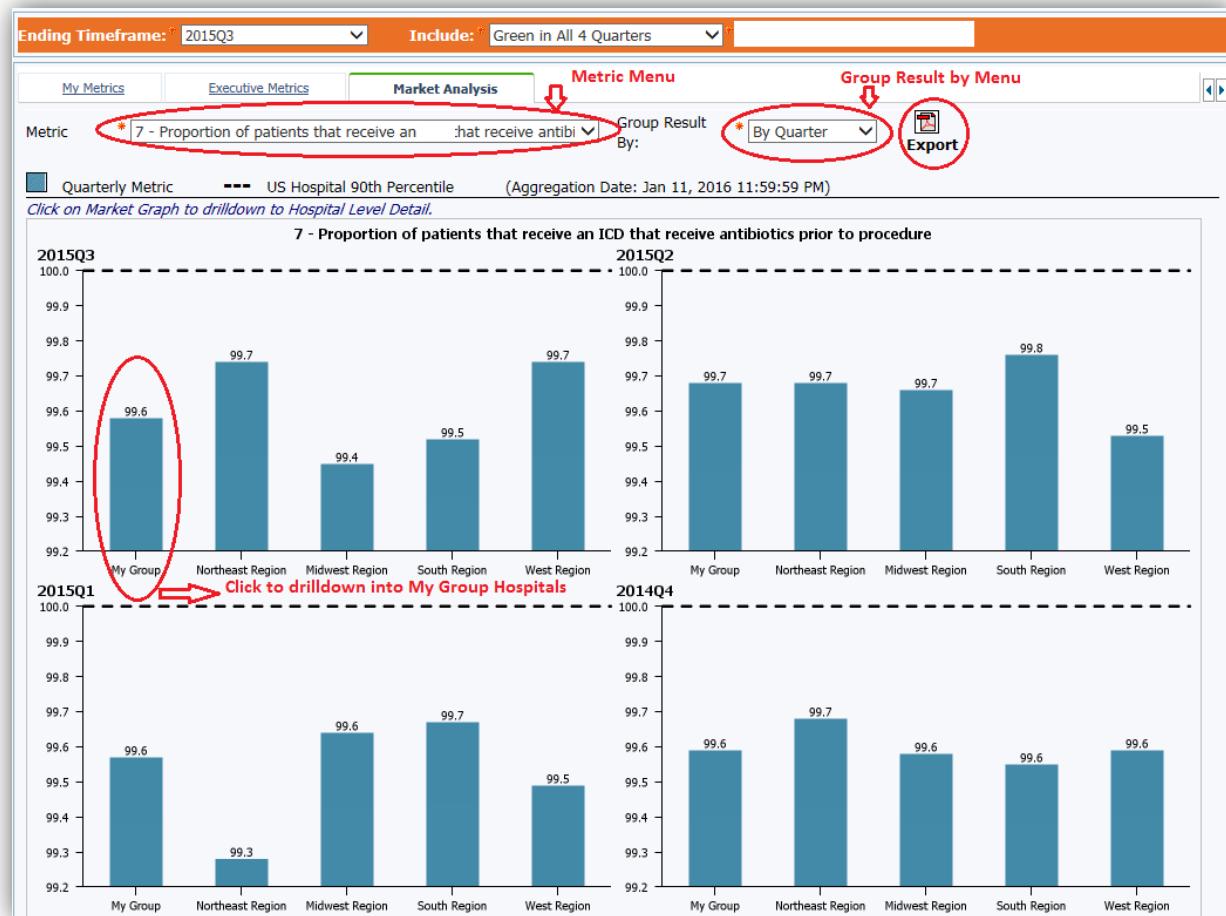
3. Market Analysis

The market analysis tab 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. Markets may be filtered for comparison either by quarter or by market. Additionally, participants may export My Market charts to PDF documents and drill down to the hospital level once they have chosen a metric and a grouping type on which to run the report.

From the Market Analysis tab select a Metric in order to generate the Market comparisons. The user will see a message indicating the report is running.



Once the report is generated the user can drilldown to hospital level detail by clicking on the graph for a specific group to see the hospitals in that group.



NOTE: This drilldown feature is unavailable for the U.S. Hospitals Excluding My Group.

From the hospital level view, the users can change the report they are viewing by using the filter menus at the top of the report. These filters mirror the higher level report pages so that they carry over the filter settings set before drilling down. Users may also export the hospital level report by clicking on the **Excel Export Button** next to the filter menus.

Filter Panel

Ending Timeframe Metric

2015Q3 7 - Proportion of patients that receive an ICD that receive antibiotic


Include Market

































































Green in All 4 Quarters My Group

Retrieve Export

Market Analysis												
Metric	2014Q4			2015Q1			2015Q2			2015Q3		
	Nm	Den	%	Nm	Den	%	Nm	Den	%	Nm	Den	%
Proportion of patients that receive an ICD that receive antibiotics prior to procedure	35,919	36,066	99.6	36,472	36,630	99.6	37,456	37,575	99.7	36,302	36,455	99.6

Click on to drilldown to Patient Level Detail.

Click on  to drilldown to Patient Level Detail.

Hospital Name	2014Q4				2015Q1				2015Q2				2015Q3				2015Q3 R4Q	
	Num	Den	%		Num	Den	%		Num	Den	%		Num	Den	%		Num	%
Hospital A																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		

ACTION Registry™


Patient Level Detail Report

410394 - Terre Haute Regional Hospital - Time Frame Ending: 2012Q3
 (Display: Patients In Numerator)

Filter Panel
 Year/Quarter
 * 2011Q4

Payor Type
☐ Private Health Insurance
☐ Medicare
☐ Medicaid
☐ Military Health Care
☐ State-Specific Plan
☐ Indian Health Service
☐ Non-US Insurance
☐ None
[Select all](#) [Deselect all](#)

Display
 Patients In Numerator

Retrieve  Export

Metric Summary
 Metric Description: 4 - Proportion of patients with left ventricular systolic dysfunction who were prescribed ACE-I or ARB therapy

2011Q4				2012Q1				2012Q2				2012Q3				My Hospital R4Q			
G				G				G				G							
Detail Line #	Num	Den	%	Num	Den	%	Num	Den	%	Num	Den	%	Num	Den	%	Num	Den	%	

Sort By: * Patient ID (Asc)

Patient Level Detail Report													
Year/Quarter	Patient ID	Other ID	First Name	Last Name	Arrival Date	Discharge Date	Payor Type	Incl. in Numerator	Indication	ACE	ARB	Most Recent LVEF %	

Additional resources are available at the Resources tab at the top of the registry dashboard page. The American College of Cardiology is thrilled to have the opportunity to cooperate with you for the mutual goal of improving cardiology patient outcomes. And we look forward to further opportunities to help your efforts to improve cardiology care quality and information through the NCDR® and the eReports Corporate Dashboard.

Questions and Comments

The ACC will respond to hospital and stakeholder questions and comments between the hours of 9:00 a.m. and 5:00 p.m. Monday through Friday Eastern Standard Time. There are two ways to reach us:

- By email at NCDRCorpsSolution@acc.org. Please include your full name, institution name, address, phone number and a brief description of your inquiry.
- By phone at (800) 257-4737

To ensure proper handling of inquiries, please reference "NCDR eReports Corporate" when contacting the ACC regarding this initiative.