



RESOURCE AND PATIENT MANAGEMENT SYSTEM

iCare Population Management GUI

(BQI)

Meaningful Use (MU) User Manual

Version 2.3
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Preface

The purpose of this manual is to provide you with the information you need to use the latest enhancements of the iCare (BQI) population management application that support the IHS Meaningful Use (MU) initiative.

This manual contains reference information about iCare views, examples of its processes, and step-by-step procedures to show you how to perform activities related to MU functionality in the latest version of the iCare application.

For more information about iCare basic functionality, iCare usage, or training for iCare, you may consult these resources:

- iCare – IHS OIT
Available at <http://www.ihs.gov/cio/ca/icare/>
- iCare Population Management GUI, User Manual Version 2.2 (July 2011).
Available at http://www.ihs.gov/RPMS/PackageDocs/bqi/bqi_022u.pdf
- HHS WebEx recorded training sessions (search for iCare). Available at <https://ihs-hhs.webex.com/mw03061b/mywebex/default.do?siteurl=ihs-hhs&service=7>
or at
http://www.ihs.gov/cio/ca/icare/index.cfm?module=dsp_icare_cmet_training
- Join the iCare listserv by sending an e-mail to icare@listserv.ihs.gov

1.0 Introduction

iCare is a Windows-based, client-server graphical user interface (GUI) to the IHS Resource and Patient Management System (RPMS). iCare retrieves key patient information from various components of the RPMS database and brings it together under a single, user-friendly interface. iCare is intended to help providers manage the care of their patients. The ability to create multiple panels of patients with common characteristics (e.g., age, diagnosis, community) allows users to personalize the way they view patient data.

The information included in this MU-specific manual covers iCare MU-support functionality enhancements in iCare Version 2.3 (released April 2012). For more information about iCare basic functionality, iCare usage, or training for iCare, you can consult the resources listed above in the Preface.

1.1 Background

Along with the rest of the healthcare industry, IHS has already developed a set of chronic condition management (or register) applications, including for diabetes, asthma, and HIV. This type of application provides a way for healthcare providers to manage a specific group (register) of patients for a single disease state. Register management applications assist healthcare providers to identify high-risk patients, proactively track care reminders and health status of individuals or populations, provide more standardized and appropriate care by embedding evidence-based guidelines, and report outcomes.

Many patients, however, have more than one diagnosed disease. For instance, at the current time within the Indian Health system, a diabetic asthmatic woman could be a member of four RPMS registers (diabetes, asthma, women's health, and immunizations). This 'silo' approach to patient care could potentially result in fragmented care, and could increase the risk of inadequate patient care management due to misidentification of the true level of risk.

1.2 iCare Graphical User Interface

The iCare GUI is intended to allow providers to see a more complete view of patients with multiple conditions, while maintaining the integrity of the user-defined, disease-specific registers.

iCare can help IHS providers by:

- Proactively identifying and managing different groups (populations) of patients who share user-defined characteristics.

- Providing an integrated view of a patient’s conditions that would minimize “stove piped” care management.
- Providing an intuitive and integrated interface to the diverse patient data elements of the RPMS database.
- Facilitating providers a review of clinical quality of care measures for their own patients to enable improvement in the quality of healthcare delivery.
- Enabling views of traditional healthcare information from the perspectives of community, population and public health.
- Providing the default tag selection as Proposed and Accepted, as shown in the above example. You can change the tag selection for any record by selecting or de-selecting any checkbox.
- Clicking the “use AND?” check box when there are multiple tags selected. The “And” option searches for patients who have ALL of the user-defined tags.

1.3 Who Should Use iCare?

Any provider who needs to identify a group of patients for long-term management or to create a temporary list should think about using iCare. Do you fit any of the following scenarios?

- I am a nurse at a facility that assigns a primary care provider to each patient. Every day, I want to create a list of scheduled patients for two different doctors in my clinic.
- I want to identify which of my patients are considered obese so I can recommend nutrition counseling.
- Because providers at our clinic have performance goals related to annual GPRA clinical measures, I want to identify which of my patients are missing key clinical data.
- Our Women’s Health Clinic wants to focus on two clinical performance improvement initiatives this year. We want to identify the performance problem areas for female patients between the ages of 18 and 50.
- I am one of two part-time case managers for a group of children, and I want to create a patient list that we both can use.
- I am a site manager working to ensure our site meets Meaningful Use objectives.

1.4 User Desktop (Client) Requirements

iCare software resides on both your facility’s RPMS server and on the desktop computer that you use. In order to use iCare successfully, your computer should have the following minimum configuration:

Table 1-1: Computer configuration for installing iCare

Client PC	Minimum Version
Microsoft Windows (Any Windows OS that supports .NET 2.0 Framework)	Windows XP SP2, Windows 2003 Server, Windows 2000 SP3+, Windows ME, Windows 98/98SE
Microsoft .NET Framework	V2.0
Suggested Client PC Hardware	Processor: Minimum: Pentium III 800MHz; Suggested: Pentium 4 2GHz+ Memory (RAM): Minimum: 256MB; Suggested: 512MB+
Approximate Disk Space Requirements	iCare Application Footprint ~10MB .NET 2.0 Framework ~ 100MB (if not already installed via Windows Updates)

2.0 Meaningful Use (MU) Support in iCare

Meaningful Use (MU) is a new initiative to improve the health of the nation. To achieve meaningful use, healthcare providers and hospitals must meet criteria created by the Office of the National Coordinator (ONC) and the Centers for Medicare and Medicaid Services (CMS).

You can find more information about Meaningful Use at the following Web site: http://www.ihs.gov/recovery/index.cfm?module=dsp_arra_meaninful_use.

Meaningful Use data current as of: Dec 02, 2011 11:27 AM
 User types included: Anesthesiologist, Associate Chief Of Staff, Attending Physician, Nurse Practitioner, Physician, Physician Assistant, Provider, Allergy & Immunology, Alle

Provider	Type	CPOE Medications		Demographics		Problem List		Medication List	
		Current	Previous	Current	Previous	Current	Previous	Current	Previous
	Provider	Excluded	Excluded	7%	0%	71%	0%	43%	0%
	Physician	Excluded	Excluded	0%	0%	100%	0%	0%	0%
	Physician	Excluded	99%	0%	0%	100%	99%	100%	97%
	Provider	Excluded	99%	33%	0%	100%	93%	100%	94%
	Provider	Excluded	Excluded	0%	0%	0%	100%	0%	100%
	Provider	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Provider	Excluded	Excluded	0%	0%	0%	100%	0%	0%
	Physician	Excluded	Excluded	0%	0%	0%	100%	0%	100%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Provider	Excluded	Excluded	0%	0%	0%	100%	0%	100%
	Physician	Excluded	Excluded	0%	0%	100%	0%	0%	0%
	Physician	Excluded	98%	0%	0%	100%	99%	85%	98%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	13%	2%	80%	68%	46%	45%
	Physician	Excluded	Excluded	5%	15%	68%	95%	32%	45%
	Physician	Excluded	Excluded	100%	0%	100%	0%	0%	0%

Figure 2-1: Meaningful Use main view (highlighted in red)

The **Meaningful Use** window provides information about the Meaningful Use objectives and measures for providers as well as hospitals/CAHs. The Meaningful Use team has developed logic related to Meaningful Use objectives and clinical quality measures. This logic is utilized to perform periodic iCare background jobs to obtain related data for display.

2.1 User Preferences and Site Parameters

The **User Preferences** and **Site Parameters** windows have been updated to accommodate Meaningful Use support.

2.1.1 MU in User Preferences

To define the filters for the **Providers CQ** tab, select **Tools | User Preferences | Meaningful Use** tab then select the **Providers CQ** tab. Select the appropriate filters and other control settings that will apply when viewing the **Providers CQ** tab.

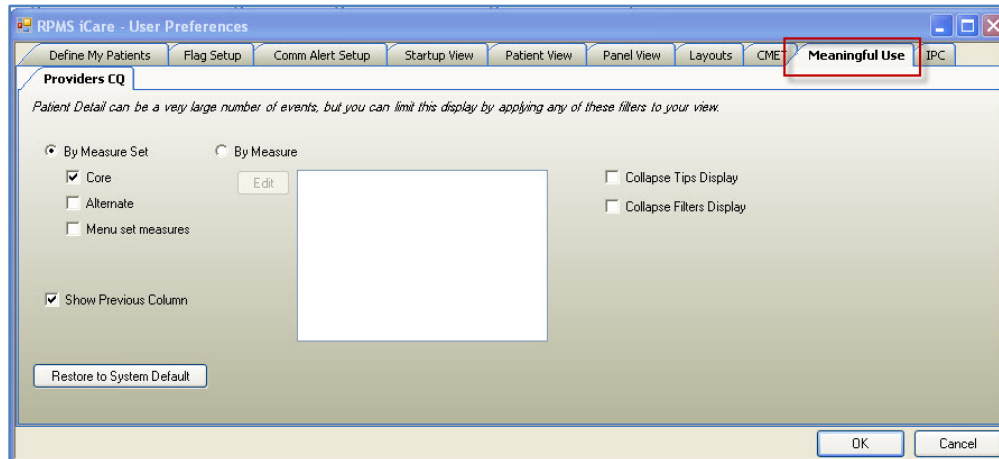


Figure 2-2: MU Providers CQ User Preferences dialog

The **By Measure Set** and **By Measure** apply to the **Providers CQ** and **Providers CQ Reports** sub-tabs. Use either one (cannot use both).

By Measure Set

Select the **By Measure Set** radio button to use all of the selections for each **Measure Set** checked. For example, check **Core** to use all the available selections for the **Core** measure set.

By Measure

Select the **By Measure** option to use only certain selections under any of the measure sets.

Click **Edit** to access the **Add/Remove MU Measures** window. You must expand any one of the **Measure Sets** to see the available selections.

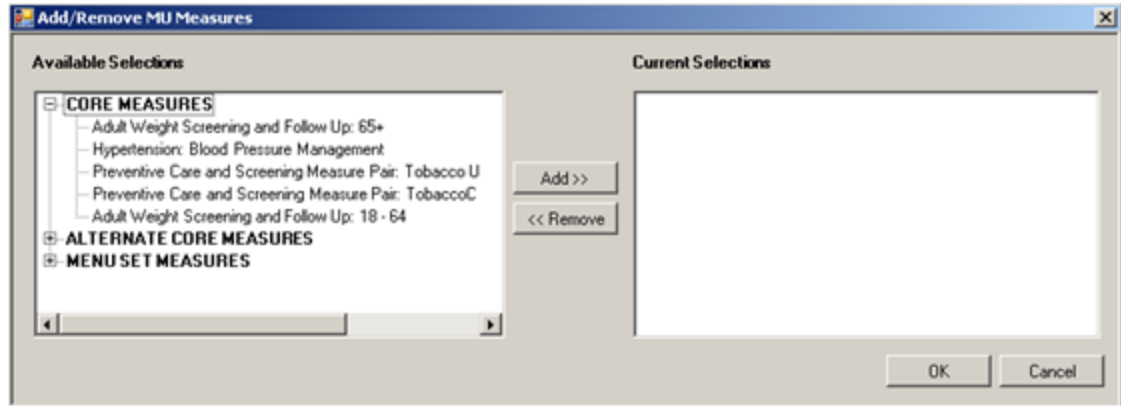


Figure 2-3: Add/Remove MU Measures window showing the selections under Core Measures

Show Previous Column

Check this checkbox to have the application display the **Previous** column under each measure (on the **Providers CQ** sub-tab).

- By checking this item, both **Current** and **Previous** columns will display.
- By not checking this item, only the **Current** column will display.

2.1.2 MU Site Parameters

The MU Package Manager can access the **MU Site Parameters** screen by selecting **Tools** | **iCare Site Parameters** | **MU Site Parameters** (Figure 2-4). With the ORES security key, this user can customize the list of Providers that is listed on the **Providers Performance** tab and set the default timeframes for displaying MU performance and CQI measures data. The MU Package Manager can also select whether or not to show the user type and which user types will be displayed on the **Providers Performance** tab.

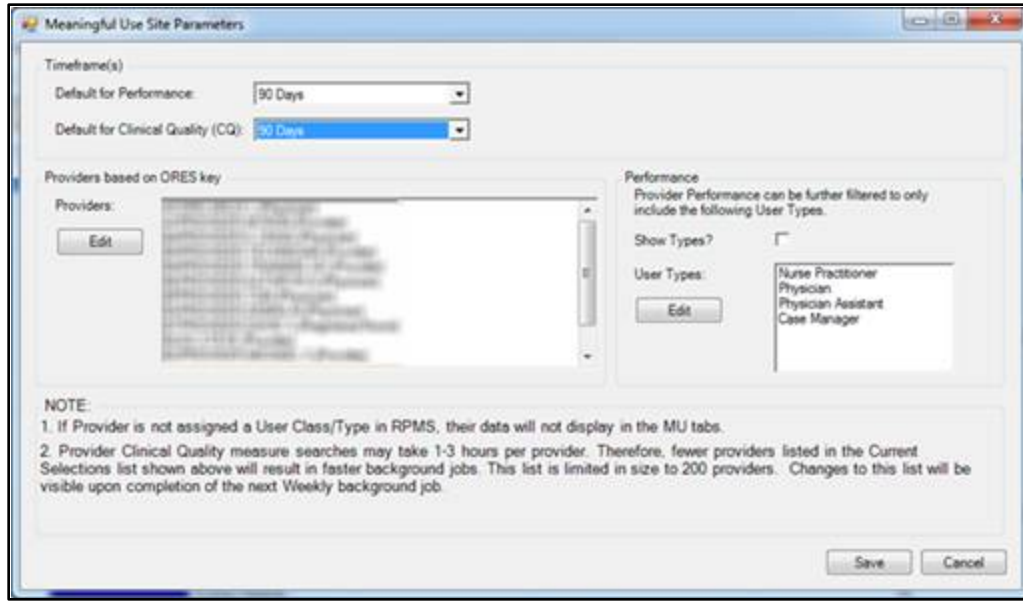


Figure 2-4: MU Site Parameters screen

2.2 Meaningful Use Layout

In Figure 2-5, the date displayed above the grid is from the most recent background job.

Panel List | Flag List | Community Alerts | Nat'l Measures | CMET | **Meaningful Use** | IPC

Providers Performance | Hospitals/CAHs Performance | Providers CQ | Providers CQ Reports | Hospitals/CAHs CQ

Tips
These are Meaningful Use Provider (EP: eligible professional) performance measures. See Glossary for complete measure descriptions.

Time Frame: 1 Year

Meaningful Use data current as of: Feb 24, 2012 11:27 AM
 User types included: Anesthesiologist, Associate Chief Of Staff, Attending Physician, Nurse Practitioner, Physician, Physician Assistant, Provider, Allergy & Immunology, Allergist, Behavioral Health

		CPDE Medication		Record Demographics		Maintain Problem List		Active Medication Li	
Provider	Type	Current	Previous	Current	Previous	Current	Previous	Current	Prev
...	Physician	Excluded	Excluded	0%	0%	100%	0%	0%	0%
...	Physician	Excluded	96%	0%	0%	0%	99%	0%	0%
...	Provider	Excluded	99%	0%	1%	100%	95%	0%	0%

Figure 2-5: Meaningful Use tab showing the most recent background job information

The columns can be sorted and/or filtered. You cannot move the columns from one objective to another, however. But you can move the columns within one objective. For example, you could move the **Current** and **Previous** columns under the **CPDE Medication** objective. The layout information is provided for each sub-tab on the **Meaningful Use** window.

2.2.1 Providers Performance Sub-tab

Providers Performance is a sub-tab under **Meaningful Use**. The following explains the contents in this tab as seen in Figure 2-5.

Provider	Type	CPQE Medication		Record Demographics		Maintain Problem List		Active Medication List	
		Current	Previous	Current	Previous	Current	Previous	Current	Previous
BKPROVIDER_KATHRYN G	Physician	Excluded	Excluded	0%	0%	100%	0%	0%	0%
	Physician	Excluded	96%	0%	0%	0%	99%	0%	97%
	Provider	Excluded	99%	0%	1%	100%	95%	0%	95%
	Provider	Excluded	Excluded	0%	0%	0%	100%	0%	100%
	Provider	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Provider	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Provider	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	0%	0%	100%	0%	0%	0%
	Physician	Excluded	95%	0%	0%	100%	98%	100%	97%
	Physician	Excluded	Excluded	0%	0%	0%	0%	0%	0%
	Physician	Excluded	Excluded	11%	4%	82%	72%	37%	48%
	Physician	Excluded	Excluded	4%	20%	65%	95%	26%	45%
	Physician	Excluded	Excluded	100%	0%	100%	0%	0%	0%

Figure 2-6: Sample Providers Performance sub-tab

- The **Provider** field is the name of the provider.
- The **Type** field is the type of provider. The MU Package Manager defines and assigns the user types (see Section 2.1.2 for more information).
- Each of the remaining columns has a **Tooltip** that defines the meaning of the data in the particular column. To display a **Tooltip**, hover over the column heading with the mouse.
- Each column is further divided into **Current** and **Previous** periods. The **Tooltip** for **Current** and **Previous** columns displays the time frame for that period (for example, Jan 12, 2011 – Apr 12, 2011).

2.2.2 Hospitals/CAHs Performance Sub-tab

Measure	Measure Set	Stage 1 Goal	Current			Previous		
			# Patients in Denominator	# Patients in Numerator	% Met	# Patients in Denominator	# Patients in Numerator	% Met
Advance Directives	Menu Set	>50%	1	0	0%	54	17	27%
CPOE Medications	Core	>30%	2	1	50%	2533	2317	91%
Demographics	Core	>50%	24	3	13%	3621	4	0%
Electronic Copy of Discharge Instructions	Core	>50%	0	0	Excluded	0	0	Excluded
Electronic Copy of Health Information	Core	>50%	0	0	Excluded	0	0	Excluded
Lab Results into EHR	Menu Set	>40%	0	0	0%	90650	73974	82%
Medication Allergy List	Core	>80%	24	11	46%	3621	2797	77%
Medication List	Core	>80%	24	11	46%	3621	3076	85%
Medication Reconciliation	Menu Set	>50%	3	0	0%	25	1	4%
Patient-Specific Education	Menu Set	>10%	24	2	8%	3621	395	11%
Problem List	Core	>80%	24	20	83%	3621	3135	87%
Smoking Status	Core	>50%	14	8	57%	2822	2792	99%
Summary of Care	Menu Set	>50%	0	0	Excluded	177	1	1%
Vital Signs	Core	>50%	21	9	43%	3453	3154	91%

Figure 2-7: MU Hospitals/CAHs Performance view

The data displayed in the **Hospitals/CAHs Performance** sub-tab reflects the MU objective. The following is an explanation of the contents in this tab as seen in Figure 2-7.

- The number of active patients is displayed above the grid in bold black lettering.
- The **Measure** field displays the name of the measure.
- **Measure Set** is the classified as either **Menu Set** or **Core**.
 - **Core** means that every hospital or provider must be able to meet the measure.
 - **Menu Set** is a list of optional measures that the hospital or provider will choose from.
- **Stage 1 Goal** is the percentage of the Stage 1 goal. The target is >30%.
- The remainder of the window is divided into two sections labeled **Current** and **Previous**. There are **Tooltips** for both **Current** and **Previous**, which define the date range (for example, Jan 12, 2011 – Apr 12, 2011).
- The **Current** portion of the table applies to the current date range and contains the following columns:
 - **# Patients in Denominator** is the total number of patients in this objective who meet the denominator definition.
 - **# Patients in Numerator** is the total number of patients in this objective who meet the numerator definition.
 - **% Met** is the percentage of the patients who meet the measure, derived by dividing the numerator by the denominator.

- The **Previous** portion of the table applies to the previous date range and contains:
 - **# Patients in Denominator** is the total number of patients in this objective who meet the denominator definition.
 - **# Patients in Numerator** is the total number of patients in this objective who meet the numerator definition.
 - **% Met** is the percentage of the patients who meet the measure, which is derived by dividing the numerator by the denominator.

For the MU Performance Measures (Provider and Hospital/CAHs), the **Time Frame** value in the banner above the data table determines the time frame for the data that is displayed. The **Time Frame** drop-down list (Figure 2-8) has the following options: 90 days, one year (12 months), and one month. The default is 90 days. If you change to the 12-month period, this will be the new default for subsequent logins. The MU Package Manager sets the default time frame.



Figure 2-8: MU Toolbar - performance measures

The **Background Jobs** button that is located to the right of the **Time Frame** field (Figure 2-8). Click this button to access the **Background Jobs** pop-up window. An alternative to clicking the **Background Jobs** button is to select **File | Background Jobs**.

2.2.3 Providers CQ Sub-tab

The **Providers CQ** sub-tab (Figure 2-8) displays how meaningful use and other initiatives have improved the care that the patients received. These measures are reported for each provider.

Providers are required to report on three core measures and three to five additional measures that vary depending on the provider's specialty of care (for Stage 1). For Stage 1, meaningful use and providers are not required to meet any targets.

The name of the provider is displayed in the Provider column. Each of the remaining columns defines the various criteria for the providers, with each criteria divided into **Current** and **Previous** date ranges.

The screenshot shows the 'Providers CQ' sub-tab in the iCare Population Management GUI. At the top, there are navigation tabs: 'Providers Performance', 'Hospitals/CAHs Performance', 'Providers CQ' (selected), 'Providers CQ Reports', and 'Hospitals/CAHs CQ'. Below the tabs is a 'Tips' section with text: 'These are Meaningful Use Provider (EP: eligible professional) clinical quality (CQ) measures. See Glossary for complete measure descriptions.' To the left is a 'Filters' sidebar with options: 'By Measure Set' (Core checked, Alternate unchecked, Menu set measures unchecked) and 'By Measure' (Show Previous Column checked). There are buttons for 'Update View', 'Save current settings to User Preferences?' (Save), and 'Restore to User Prefs'. The main content area shows 'Meaningful Use data current as of: Feb 04, 2012 10:01 PM'. Above the table, there are dropdowns for 'Time Frame: 90 Days' and 'Starting Month: JAN 2012'. The table has columns for 'Provider', 'Current', and 'Previous' for three measures: 'Adult Weight Screening and Follow Up: 65+', 'Hypertension: Blood Pressure Management', and 'Preventive Care and Screening Measure Pair: Tobacco Use Assessment'. All 'Current' and 'Previous' values are 0%.

Figure 2-9: MU Providers CQ (clinical quality) view

Above the **MU Providers CQ** and **Hospital/CAHs CQ** data tables, the **Time Frame** drop-down box is displayed (Figure 2-9, highlighted in red). A **Starting Month** drop-down box is displayed to the right of the **Time Frame** box. Select the exact starting month from the **Starting Month** drop-down box desired for the 90-day, one month, or one-year time frame.

Optional filters in the left sidebar can be used to limit columnar data display in this table, thereby reducing the amount of horizontal scrolling required. Refer to Section 2.6.1 for more information.

2.2.4 Providers CQ Reports Sub-tab

The new MU CQ functionalities provide CQ reports (Providers CQ, Providers CQ Reports for any provider(s) and for any 90-day measurement period (Figure 2-10). The main differences of this report versus the standard RPMS report are (a) you can run it for multiple providers instead of a single provider, and (b) you get a grid/table view of the results.

The reports can be run by MU CQ measures or by MU CQ measure sets via the filtering tool on the left sidebar that can be used to limit columnar data display in this table, thereby reducing the amount of horizontal scrolling required (Figure 2-10 highlighted in red).

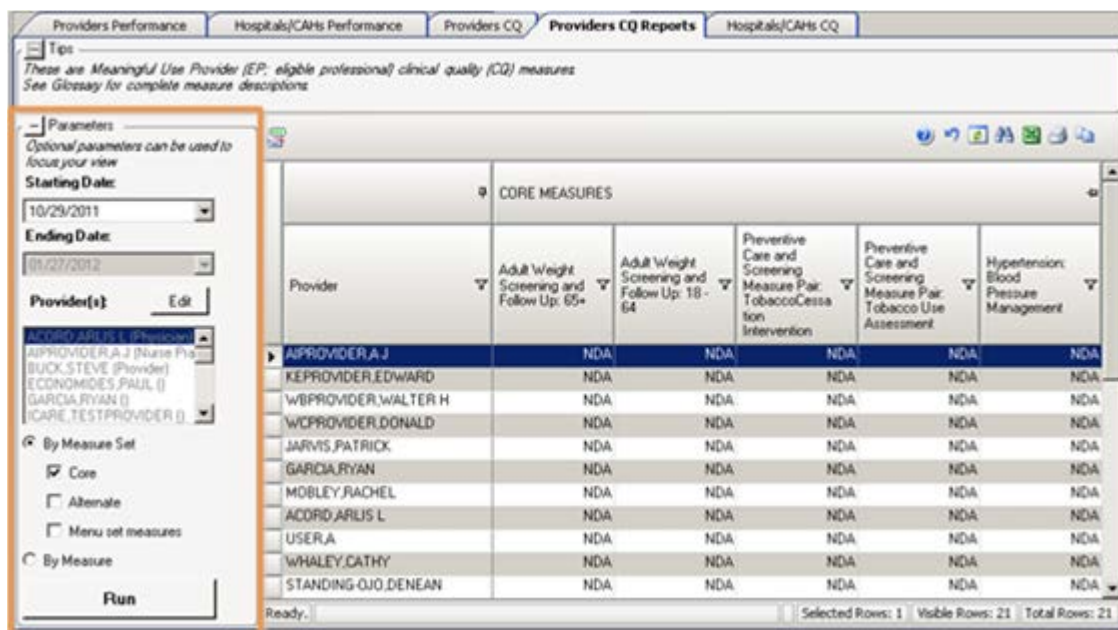


Figure 2-10: MU Providers CQ Reports view with left sidebar filtering functionality highlighted

2.2.5 Hospitals/CAHs CQ Sub-tab

The **Hospitals/CAHs CQ** sub-tab displays how meaningful use and other initiatives have improved the care that the patients received. These measures are reported for each hospital (Figure 2-11).

Hospitals are required to report on a set of 35 Medicare inpatient measures and potentially 8 Medicaid inpatient measures (for MU Stage 1). For Stage 1, MU providers and hospitals are not required to meet any MU targets.

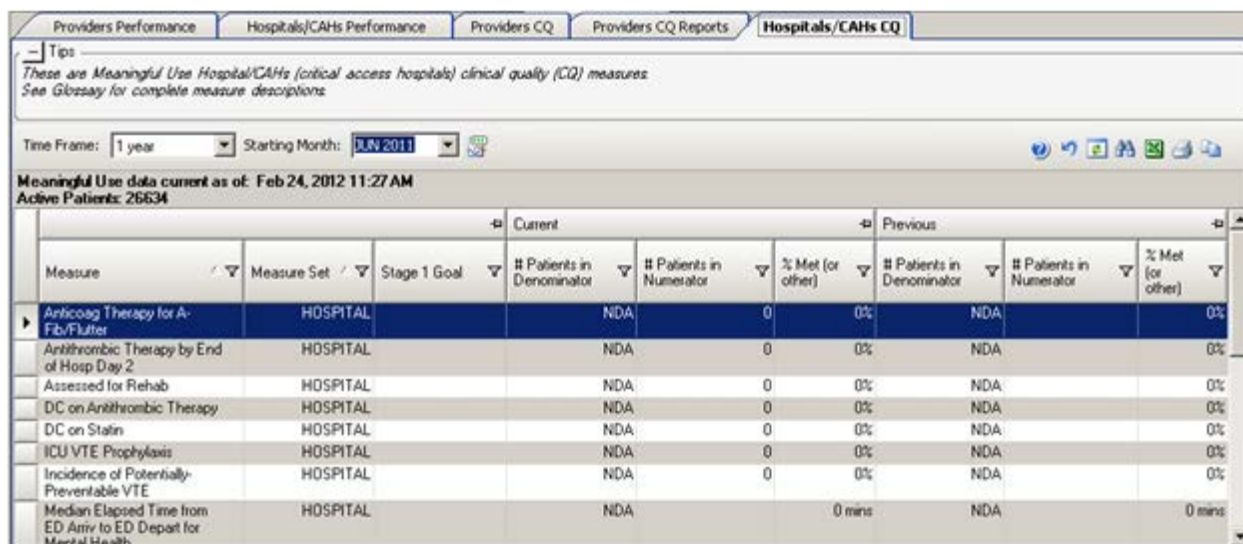


Figure 2-11: Hospitals/CAHs CQ (clinical quality) sub-tab

The following is an explanation of the contents in this sub-tab.

- The number of active patients is displayed above the grid in bold black lettering.
- The **Measure** field displays the name of the measure.
- **Measure Set** displays the **Measure Set** name.
- Stage 1 Goal is the percentage of the Stage 1 goal. The target is >30%.
- The remainder of the window is divided into two sections called **Current** and **Previous**. There is hover help for both sections that defines the date range (for example, Jan 12, 2011 – Apr 12, 2011).
- The **Current** portion of the table applies to the current date range and contains the following columns:
 - **# Patients in Denominator** is the total number of patients in this objective who meet the denominator definition.
 - **# Patients in Numerator** is the total number of patients in this objective who meet the numerator definition.
 - **% Met** is the percentage of the patients who meet the measure, derived by dividing the numerator by the denominator.
- The **Previous** portion of the table applies to the previous date range and contains:
 - **# Patients in Denominator** is the total number of patients in this objective who meet the denominator definition.
 - **# Patients in Numerator** is the total number of patients in this objective who meet the numerator definition.
 - **% Met** is the percentage of the patients who meet the measure, which is derived by dividing the numerator by the denominator.

3.0 Panel Definitions

New functionality in the **Panel Definition** view features a checkbox for **Patient(s) did NOT have** to enable users to search for patients who have not had a specified medication(s) in a specified time frame. In addition, **Patient(s) did NOT have** functionality has been added to the **Lab Tests** panel definitions (Figure 3-1).

The **Patient(s) did NOT have** features also appear on the **Patients Assigned to** population search.

This functionality will be useful to clinical quality improvement efforts (e.g., MU, IPC, GPRA) by allowing users to identify panels of patients who are behind in their preventive and other periodical care. This information will facilitate outreach to these patients via iCare, EHR, and other RPMS components.

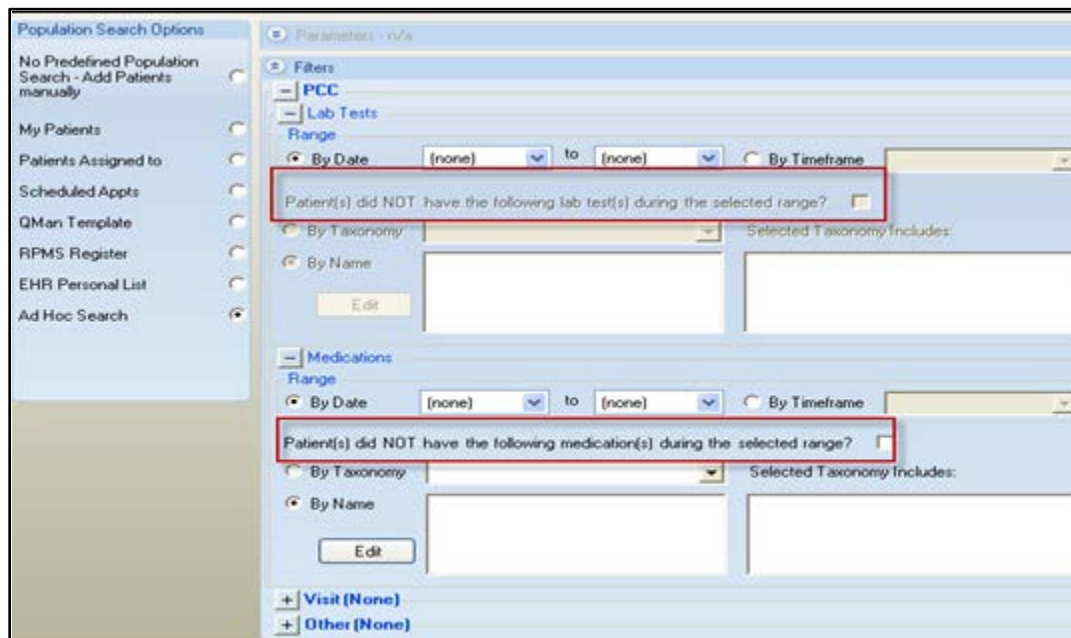


Figure 3-1: Panel definitions choices for Patients(s) did NOT have

Note: When using the medication or lab test taxonomies, ensure that these have been populated with local data by the local iCare Package Manager.

4.0 MU CQ Measures NQF Information

For the MU CQ measures data, a **Tooltip** for the measures names (accessible at the top of each measure column) contains the NQF number of the MU measure. This National Quality Forum ID number identifies the original NQF quality standard that was used as the basis for design of the MU measure (Figure 4-1 highlighted in red).

The screenshot shows a web-based interface for 'Providers CQ' data. At the top, there are tabs for 'Hospitals/CAHs Performance', 'Providers CQ', and 'Hospitals/CAHs CQ'. Below the tabs, there's a filter for 'Provider (EP: eligible professional) clinical quality (CQ) measures: measure descriptions'. The main area displays a table titled 'Meaningful Use data current as of: Dec 11, 2011 01:56 PM'. The table has columns for 'Provider', 'Current', and 'Previous' for five different measures: 'Adult Weight Screening and Follow Up: 65+', 'Hypertension: Blood Pressure Management', 'Preventive Care and Screening Measure Pair: Tobacco Use Assessment', 'Preventive Care and Screening Measure Pair: Tobacco Cessation Intervention', and 'Adult Weight Screening and Follow Up: 18 - 64'. A tooltip is open over the 'Hypertension: Blood Pressure Management' column, showing the NQF ID number 'NQF 0013/PQRI 237' in a red box. The tooltip text reads: 'Hypertension: Blood Pressure Management NQF 0013/PQRI 237 Patients ages 18 years and older at the beginning of the reporting period who have been diagnosed with Hypertension within 2 years of the beginning of the report period and who have been seen by the EP at least twice during the reporting period and have 2 separately documented Blood Pressures. (See Glossary for detailed definitions)'. The table data shows that for most providers, the current and previous values are 0%.

Figure 4-1: NQF ID number in CQ measures definition Tooltip

The following NQF reference provides information about these numbers:

http://www.qualityforum.org/projects/i-m/meaningful_use/meaningful_use.aspx

5.0 MU Menus

The **File** menu options (except Meaningful Use) operate the same as the options on the **File** menu of **Panel List**.

5.1 File Menu

Meaningful Use options on this sub-menu function like the buttons on the toolbar.

5.2 Edit Menu

The **Edit** menu has two options:

- Select **All** will select all of the rows in the grid.
- Deselect **All** will deselect all of the currently selected rows in the grid.

5.3 Tools Menu

The **Tools** menu options operate the same as the options on the **Tools** menu for the **Panel List**.

6.0 Data Processing

The MU Provider Clinical Quality (CQ) scheduled job in iCare has been removed. MU Provider CQ data will now be automatically calculated on a month-by-month basis on the first of the month (for example, December 1, 2011 calculates data for November 2011). Previous month's data from June 2011 up to the date of installation will be set up to populate as part of the post-installation process.

Notes: These MU calculations will not run during the site's normal business hours.

The number of providers processed is based on the providers defined in the MU site parameters. The MU Coordinator should review this MU site parameters list for completeness.

Glossary

Background Job

Any number of jobs scheduled to run periodically to update the data used in iCare displays.

Critical Access Hospital

Rural community hospitals that receive cost-based reimbursement.

Denominator

The bottom part of a common fraction that indicates how many parts the whole is broken into. In iCare, the entire population eligible for meeting certain medical criteria.

iCare Package Manager

The designated person with authority to manage all information settings for iCare.

Meaningful Use

A government standard for the use of electronic health records.

MU Package Manager

The designated person with authority to manage MU information settings for iCare.

Numerator

The part of a common fraction appearing above the line, representing the number of parts of the whole that are being considered. In iCare, the number of patients meeting certain medical criteria out of an entire population eligible for meeting the criteria.

ORES

Made-up name for a security key given to users that are authorized to write orders in the medical chart. Users with this key can use their electronic signature on patient orders. This key is typically given to licensed physicians. Orders entered by users with this key can be released to ancillary services for immediate action.

Parameters

A programming variable that allows the user to input data. Parameters are commonly used to filter data for display or reports.

Panel Definition

The membership criteria used to create a panel of patients.

Tooltip

A common GUI element used to provide additional information to users. To display a Tooltip, hover the mouse pointer, without clicking, over a column heading or field.

Acronym List

BQI	Namespace for iCare
CAH	Critical Access Hospital
CMS	Centers for Medicare and Medicaid Services
CQ	Clinical Quality
CQI	Clinical Quality Improvement
EHR	Electronic Health Record
GPRA	Government Performance and Results Act
GUI	Graphical User Interface
HHS	Health and Human Services
IHS	Indian Health Service
IPC	Improving Patient Care
MB	Megabytes
MU	Meaningful Use
NQF	National Quality Forum
OIT	Office of Information Technology
ONC	Office of the National Coordinator
OS	Operating System
PC	Personal Computer
RPMS	Resource and Patient Management System

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

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Web: <http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm>

Email: support@ihs.gov