



Technical Addendum 1: Using Both the Reporting and Website Generation Features

Version 1.0

July 19, 2010



In MONAHRQ v1.0, a limited amount of interference has been noted between the reporting and Website generation features. If you previously used the Area Report Wizard and selected the option to show geographic area names, any website you subsequently generate will not show data in the data tables and maps in the preventable hospitalization path. To avoid this interference, you must turn off the geographic names option. The following provides step-by-step instructions for turning this option off."

1. From the main page select **Area Report Wizard**.

Task Menu

Data

- Import Data Wizard
- Define Regions and Hospitals
- Export Data
- Data Load Report
- View Data Summary
- Database Manager

Reports

- Area Report Wizard**
- Provider Report Wizard
- Patient Level Report
- View Saved Reports
- Quick Report
- QI Sampling Wizard

Website Creation

- Website Builder Wizard
- Browse Latest Website

Tools

- Program Options
- Help for this Application
- Support Website and Email

Exit

MONAHRQ
Agency for Healthcare Research and Quality

AHRQ
DEPARTMENT OF HEALTH & HUMAN SERVICES-USA

View Session Log Save Session Log Clear Session Log

Version: 1.0 - 5/27/2010

Welcome to MONAHRQ - Input your data. Output your website.

Developed by the Agency for Healthcare Research and Quality (AHRQ), the federal government's leading agency for quality of health care in the United States and part of the Department of Health and Human Services (DHHS).

MONAHRQ is free, MS Windows-based software that enables you to input your own raw inpatient hospital administrative data and generate a data-driven Website. Any organization with hospital administrative (discharge) data can use MONAHRQ. This software is based on two of AHRQ's most popular and widely respected tools - the AHRQ Quality Indicators (WinQI) and HCUPnet. MONAHRQ analyzes, summarizes, and presents the information in an evidence-driven, easy-to-understand format that can easily be hosted on a Website.

MONAHRQ allows you to import hospital discharge data into a database, create health care metrics, and report results. Four main types of information can be created:

- Quality of care in hospitals,
- Information on medical conditions and procedures in hospitals
- Rates of medical conditions and procedures in selected geographic areas, and
- Geographic mapping of medical conditions and procedures.

This tool is flexible and will allow you to select what type of information you want to present. You can also choose how to use the final results - as a series of reports or a set of web (HTML) pages. A complete website can be built using this tool that can then be published on a workgroup server or on the web. If you are not interested in hosting a website, the reports can still be disseminated to provide valuable information on hospital care in your area.

MONAHRQ will guide you through a step-by-step process of importing data, creating reports and, if you choose, generating a data-driven website. There are five basic steps:

Data File Loaded: C:\Myfiles\Confidential\DoNotBackup\Ahrq3Pub\G_CDOM\GF003ETH\data\disdat1.csv Rows Loaded: 50000 Databas

2. On the first Area Report Wizard page, select **Begin>**.

The screenshot shows a software window titled "Quality Indicators Reporting Wizard". On the left is a sidebar with a "Wizard Screens" section containing a list of steps: "1. Select Indicators", "2. Select Report Period", "3. Select Area Stratifiers", "4. Additional Options", "5. Generate Report", and "6. View Report". The main content area has the title "Quality Indicators Reporting Wizard" and a paragraph: "This wizard will guide you through all the steps necessary to create a stratified report based on your Quality Indicators Data". Below this, it says "You will go through the following steps:" followed by a list: "Select Indicators", "Select Stratifiers", "Select Reporting Options", "Generate Report", and "View, Print and Export Report". At the bottom of the main area is a checkbox labeled "Show welcome screen" which is checked. On the right side of the main area is an illustration of medical professionals: a woman in a green scrub top, a man in a white lab coat, and another man in a white lab coat with a stethoscope, all appearing to be in a clinical setting. At the bottom right of the window are two buttons: "Begin >" and "Cancel".

3. On the Select Indicators page, select **Next>**.

Select Indicators

Wizard Screens

Select Content

1. Select Indicators

Record Selection

2. Select Report Period

Rates and Totals

3. Select Area Stratifiers

4. Additional Options

Generate Report

5. Generate Report

View Reports

6. View Report

All Indicators | By Condition | By Demographic | By Module | By Procedure Type | Composites

- All Inpatient Quality Indicators
- All Pediatric Quality Indicators
- All Prevention Quality Indicators
- All Patient Safety Indicators

*These indicators are endorsed by the National Quality Forum (NQF). Visit www.qualityforum.org to learn more.

36 Area Level Indicators Selected

*Note: This version of MONAHRQ does not include all quality indicators.
A future release of MONAHRQ will include the remaining quality indicators.*

4. On the Select Data Range page, select **Next>**.

Select Date Range

Select Date Range (by Quarter)

Select the records by discharge quarter that you wish to include in your report. If you wish to use a different or scaled population for the denominator, you may change it here.

Discharges from 2005

- Quarter 1 (12540 discharges)
- Quarter 2 (12339 discharges)
- Quarter 3 (12562 discharges)
- Quarter 4 (12559 discharges)

Numerator = Count of Flagged 2005 Discharges

Denominator =

< Back Next > Cancel

Wizard Screens

Select Content

1. Select Indicators

2. Select Report Period

Rates and Totals

3. Select Area Stratifiers

4. Additional Options

Generate Report

5. Generate Report

View Reports

6. View Report

5. On the Select Stratifiers page, select **Next>**.

Select Stratifiers for Area Indicators

Wizard Screens

- Select Content
- 1. Select Indicators
- Record Selection
- 2. Select Report Period
- Rates and Totals
- 3. Select Area Stratifiers**
- 4. Additional Options
- Generate Report
- 5. Generate Report
- View Reports
- 6. View Report

Select Stratifiers For Use With Area Indicators

County

Drag in the next level of stratification

Select From Stratifiers:

- Age Category
- Five Year Age Group
- Sex
- Year
- Quarter
- Race
- County
- Modified FIPS County Id
- State
- OMB 1999 Metro Area
- OMB 2003 Metro Area

Drag here to remove

< Back Next > Cancel

6. On the Additional Options For Data Analysis page, in the Geography Stratifiers frame, select **Show Numeric FIPS Codes**.

Additional Options

[Wizard Screens](#)

[Select Content](#)

1. Select Indicators

[Record Selection](#)

2. Select Report Period

[Rates and Totals](#)

3. Select Area Stratifiers

4. Additional Options

[Generate Report](#)

5. Generate Report

[View Reports](#)

6. View Report

Additional Options For Data Analysis

Rates

- Observed Rates
- Expected Rates
- Observed/Expected (OE) Ratio
- Reference Population Rate
- Risk Adjusted Rates
- Smoothed Rates 90% 95%
- Report confidence intervals
- Include Indicator Totals

Cell Suppression

Exclude results that are based on too few patients?
Minimum patients per cell:

Geography Stratifiers

- Show Numeric FIPS Codes
- Show the names of each county, state or metro area

Scaling

- Display Raw Rates
- Scale To Outcomes Per:
- Number of Decimals:

Report Layout

- Show Indicators In Rows
- Show Indicators In Columns
- Include Title in Exported Files
- Show Names of Indicators

Area Report Options

- Include only the population of counties with discharge records
- Use the total population of each state or metro area
- Risk adjust for SES poverty decile

Report Title

< Back Next > Cancel

7. Then select **Next>**.

Additional Options

Wizard Screens

Select Content

1. Select Indicators

Record Selection

2. Select Report Period

Rates and Totals

3. Select Area Stratifiers

4. Additional Options

Generate Report

5. Generate Report

View Reports

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Report Title

< Back Next > Cancel

8. At this point the option to show geographic area names has been turned off. Select **Cancel** to exit the Wizard. You don't need to wait for the report to be generated.

Generate Report

Wizard Screens

Select Content

1. Select Indicators

Record Selection

2. Select Report Period

Rates and Totals

3. Select Area Stratifiers

4. Additional Options

Generate Report

5. **Generate Report**

View Reports

6. View Report

Generating Report

The wizard is preparing your report(s) in the database. When this is completed, you will have the opportunity to view and export the report.

Progress

Report:	Area
Indicators:	2 / 36
Current Indicator:	IQI 27
Stratifiers:	County
Current Status:	Risk Adjustment

< Back Next > Cancel

9. Use the Website Builder Wizard to regenerate your Website.

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