



Input your data. Output your website.

MONAHRQ[®] 6.0

Release Notes

March 2015



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1 INTRODUCTION

MONAHRQ®—My Own Network, powered by AHRQ—is innovative, website-generating software available for free from the Agency for Healthcare Research and Quality (AHRQ). This desktop software enables any organization to quickly and easily create a website with understandable, evidence-based health care reports for use by providers, consumers, policymakers, and others to improve health care safety, quality, and affordability.

Using MONAHRQ for public or private reporting supports AHRQ’s mission to improve the quality, accessibility, safety, efficiency, and cost transparency of health care for all Americans. To produce health care reports, MONAHRQ can draw from local inpatient hospital discharge data and emergency department (ED) treat-and-release data; evidence-based measure results from the Centers for Medicare & Medicaid Services’ (CMS) Hospital Compare data, including the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) patient experience survey; and precalculated AHRQ Quality Indicator™ (QI) results.

[An update to the latest version of MONAHRQ is now available for download \(http://monahrq.ahrq.gov/monahrq_software.shtml\)](http://monahrq.ahrq.gov/monahrq_software.shtml). MONAHRQ 6.0 supports new CMS measures and new reports on trending, nursing home quality comparisons and profiles, and physician profile reports, in addition to a consumer-friendly infographic on safe surgery, and guided education to help consumers and others see how to use MONAHRQ-generated reports to inform health care decisions.

When installing MONAHRQ 6.0, current MONAHRQ 5.0 Build 2 Host Users will be prompted to upgrade to the latest version of software. Existing MONAHRQ 5.0 Build 2 Host Users can accept the upgrade request and proceed through the installation process. Host Users new to MONAHRQ 5.0 and 5.0 Build 2 will be prompted through an initial installation process and will be able to upgrade to later versions thereafter.

Organizations that download, create, and host MONAHRQ-generated websites are referred to as “Host Users.” Examples of Host User organizations include—

- State and local health agencies and public health departments
- Hospital associations, individual hospitals, and hospital systems
- Community or regional alliances and coalitions
- Quality Improvement Organizations (QIOs) and Regional Health Improvement Organizations (RHIOs)

2 MONAHRQ® 6.0 RELEASE UPDATES

Table 1 provides a summary of the new enhancements and features included in MONAHRQ 6.0. See the following sections for more detail about each of the items listed below.

Table 1. MONAHRQ 6.0 Enhancements and Features

Item	Release Date	Feature	Description
1	March 31, 2015	Expansion to accept new data sources – CMS Nursing Home Compare data	The base data file has been updated to include CMS Nursing Home Compare data. Data can be imported and customized by allowing the Host User to add new facilities or edit or delete existing ones. In addition, the new dataset will include accreditation information, displays of overall scores and three summary scores, new reports and views, and reporting using a five-level scale for reporting to match CMS reporting.
2	March 31, 2015	Expansion to accept new data sources – CMS Physician data	The base data file has also been updated to include CMS Physician data. CMS Physician data can be imported and customized by allowing the Host User to edit or delete existing physician data or add new physicians.
3	March 31, 2015	New Utilization Trend reports	The Utilization Reports have been expanded by providing the ability to display year-over-year trend data.
4	March 31, 2015	New Nursing Home quality care reports	MONAHRQ 6.0 includes 3 new reports on nursing home care (staffing, inspection results, and quality of care).
5	March 31, 2015	New Physician Profile and Listing reports	MONAHRQ 6.0 includes 2 new reports on physicians' profile and practice location information, including general identification, medical credentials, practice, and participation information.
6	March 31, 2015	New Surgical Safety infographic report	New to MONAHRQ, allows the Host User to enable a standalone report on the topic of surgical safety that will be displayed as an infographic
7	March 31, 2015	Guided Education Video: Health care quality	New to MONAHRQ, a new educational video about how to use the MONAHRQ-generated reports for decisionmaking.
8	March 31, 2015	Guided Education: Surgical Safety	New educational material for consumers about the importance of surgical safety and how to use the MONAHRQ-generated reports for decisionmaking
9	March 31, 2015	Open Source Framework 'Wings & Flutters'	MONAHRQ 6.0 introduces an Open Source Framework that Host Users and others can use to add more types of data ("Wings") and design new reports ("Flutters") to meet their unique needs.

2.1 New CMS Measures

MONAHRQ 6.0 includes 32 additional measures. The measures and their default MONAHRQ health topics are listed in Table 2 below.

Table 2. CMS Measures Added in MONAHRQ 6.0

Measure Name	Topic	Subtopic	Identifier	NQF #
Overall Rating	Nursing Home	Overall Measure	NH-OA-01	—
Overall Deficiencies	Nursing Home	Health Inspections	NH-HI-01	—

Measure Name	Topic	Subtopic	Identifier	NQF #
Date of most recent health inspection	Nursing Home	Health Inspections	NH-HI-02	—
Date of most recent fire safety inspection	Nursing Home	Health Inspections	NH-HI-03	—
How many health-related standards nursing home failed to meet	Nursing Home	Health Inspections	NH-HI-04	—
How many fire safety standards nursing home failed to meet	Nursing Home	Health Inspections	NH-HI-05	—
Overall quality	Nursing Home	Quality	NH-QM-OA-01	—
How many residents, out of 100, with a short nursing home stay, reported moderate to severe pain	Nursing Home	Quality	NH-QM-SS-01	676
How many residents, out of 100, with a short nursing home stay, had new pressure sores or sores that got worse	Nursing Home	Quality	NH-QM-SS-02	678
How many residents, out of 100, with a short nursing home stay, got a flu vaccine if needed	Nursing Home	Quality	NH-QM-SS-03	680
How many residents, out of 100, with a short nursing home stay, got a pneumonia vaccine if needed	Nursing Home	Quality	NH-QM-SS-04	682
How many residents, out of 100, with a short nursing home stay, got medicine for a serious mental illness for the first time	Nursing Home	Quality	NH-QM-SS-05	—
How many residents, out of 100, with a long nursing home stay, had a fall leading to a major injury	Nursing Home	Quality	NH-QM-LS-01	674
How many residents, out of 100, with a long nursing home stay reported moderate to severe pain	Nursing Home	Quality	NH-QM-LS-02	677
How many residents, out of 100, with a long nursing home stay, had new pressure sores or sores that got worse	Nursing Home	Quality	NH-QM-LS-03	678
How many residents, out of 100, with a long nursing home stay, got a flu vaccine if needed	Nursing Home	Quality	NH-QM-LS-04	680
How many residents, out of 100, with a long nursing home stay, got a pneumonia vaccine if needed	Nursing Home	Quality	NH-QM-LS-05	682
How many residents, out of 100 with a long nursing home stay, got an infection in their bladder	Nursing Home	Quality	NH-QM-LS-06	684
How many residents, out of 100, with a long nursing home stay, lose control of bladder or bowels	Nursing Home	Quality	NH-QM-LS-07	—

Measure Name	Topic	Subtopic	Identifier	NQF #
How many residents, out of 100, with a long nursing home stay, had catheter inserted and left in their bladder	Nursing Home	Quality	NH-QM-LS-08	686
How many residents, out of 100, with a long nursing home stay, were physically restrained	Nursing Home	Quality	NH-QM-LS-09	687
How many residents, out of 100, with a long nursing home stay, need more help doing daily tasks	Nursing Home	Quality	NH-QM-LS-10	688
How many residents, out of 100, with a long nursing home stay, lost too much weight	Nursing Home	Quality	NH-QM-LS-11	689
How many residents, out of 100, with a long nursing home stay, began to be depressed	Nursing Home	Quality	NH-QM-LS-12	—
How many residents, out of 100, with a long nursing home stay, got medicine for a serious mental illness	Nursing Home	Quality	NH-QM-LS-13	—
Overall staffing	Nursing Home	Staffing	NH-SD-01	—
Hours of help from nursing aides that each resident can get each day	Nursing Home	Staffing	NH-SD-01	—
Hours of help from licensed vocational or practical nurses (LVN, LPN) that each resident can get each day	Nursing Home	Staffing	NH-SD-02	—
Hours of help from Registered Nurses that each resident can get each day	Nursing Home	Staffing	NH-SD-03	—
Hours of help from any licensed nurse (LVN, LPN, RN) that each resident can get each day	Nursing Home	Staffing	NH-SD-04	—
Hours of help from any kind of nurse that each resident can get each day	Nursing Home	Staffing	NH-SD-05	—
Hours of help from a physical therapist available to each resident each day	Nursing Home	Staffing	NH-SD-06	—

3 MONAHRQ® 6.0 DESKTOP APPLICATION FEATURES

MONAHRQ® 6.0 continues to reflect the complete redesign of the desktop application and generated website that debuted in MONAHRQ 5.0. These elements are significant improvements over earlier versions. The desktop application now allows Host Users to store and manage datasets, reports, measures, and website configurations in libraries. The generated website offers a new layout and reporting pathways for ease of use by website users. These features—including in MONAHRQ 6.0, 5.0, and 5.0 Build 2—are described below.

3.1 Datasets Library

The Datasets Library contains all of the data input files that the Host User uploads into MONAHRQ. To easily manage data, MONAHRQ enables Host Users to upload multiple input files for each dataset type. With the MONAHRQ 6.0 release, Host Users can now import CMS Nursing Home Compare data and Physician profile information from the CMS Physician data.

3.2 Measures Library

The MONAHRQ Measures Library contains all of the measures supported by MONAHRQ and used for reporting. The Measures Library has been updated to include the CMS Nursing Home Compare data and CMS Physician data. Similar to the 5.0 release, MONAHRQ 6.0 enables Host Users to easily manage their data by allowing Host Users to customize how measures appear in the reports, assign topics and subtopics, create alternate measures names, customize measure calculation attributes, and customize measure display attributes.

3.3 Reports Library

The Reports Library displays all of the reports available within MONAHRQ. Host Users can now import CMS Nursing Home Compare data and Physician profile information from the CMS Physician data. The Reports Library enables Host Users to easily manage and customize reports by modifying attributes of standard MONAHRQ reports. Host Users will also have access to new reports including trend data for a period of time (as defined by the Host User), nursing home, and physician profile reports. In addition, an infographic on safe surgery and two new guided education materials have been developed for a consumer audience.

3.4 Websites Library

Multiple MONAHRQ-generated websites can be created and stored in the Websites Library. Similar to the 5.0 release, host Users can use the Websites Library to easily manage multiple websites and customize websites using the simple Website Creation component. MONAHRQ 6.0 includes an additional dependency check to identify errors that must be fixed before the website can be published.

3.5 MONAHRQ-Generated Websites

When Host Users set up their MONAHRQ-generated website, they first need to define their intended audience for the website they are generating. The audience type defines the type of End User who will use the MONAHRQ-generated website and related reports. The two types of audiences or End Users are: consumers of health care (e.g., the general public, including consumers, patients, and caretakers) and others (e.g., providers such as hospitals physician groups and nursing homes, researchers and analysts, health plan purchasers and employers, and policymakers).

Next, during the website generation process, Host Users select the reporting paths to display in their websites; the data or results that appear in the reporting paths come from the datasets that the Host Users choose when generating a website using MONAHRQ. New to MONAHRQ 6.0, the Host User can select the new Nursing Home and Physician reporting paths during the website generation process. The same reports and reporting paths from the 5.0 release are available in MONAHRQ 6.0.

Once the website is generated, End Users can follow four main paths to access the reports: (1) Hospitals, (2) Service Use Rates, (3) Nursing Homes, and (4) Physicians. Each main path will lead the End User to multiple subpaths where they can view reports based on geographic parameters or, for some reports, by specific conditions or topics.

4 SYSTEM REQUIREMENTS

Operating Systems:

- Windows® XP 32- and 64-bit
- Windows Server® 2003 or higher 32- and 64-bit
- Windows® 7 32- and 64-bit
- Windows® 8 32- and 64-bit

Disk Space:

- Microsoft® .NET Framework 4.5—850 MB for 32-bit systems, 2 GB for 64-bit systems
- Microsoft® SQL Server® 2008 R2 Express—2 GB for 32-bit and 64-bit systems
- MONAHRQ application—166 MB
- MONAHRQ data—Requirements vary depending on the volume of data regarding hospital discharges and ED treat-and-release records. Approximately 100 MB is typical, but up to 4 GB may be required.
- MONAHRQ-generated web pages—Typically 500 MB but up to 4 GB may be required

Although MONAHRQ can run on most desktop computers, the following specifications are recommended:

- 2 GHz processor speed
- 2 GB of memory

Software Requirements:

- Microsoft .NET Framework 4.5.
- Microsoft SQL Server, 2005 or higher. If the Express Edition is used, Microsoft SQL Server Express Edition 2008 R2 is recommended due to its larger database size limit. This software may reside on a remote server.

5 INSTALLATION

For instructions on installing MONAHRQ® 6.0, please refer to the *MONAHRQ® 6.0 Host User Guide* and the *MONAHRQ® 6.0 Quick Start Guide for Host Users*.

6 TECHNICAL ASSISTANCE AND CONTACTS

Should you have any questions or comments about MONAHRQ, please contact the MONAHRQ® team via email at MONAHRQ@ahrq.gov.