



Input your data. Output your website.

MONAHRQ® 6.0 Build 2

Release Notes

July 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 for hospitals, 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. For nursing homes and physicians, MONAHRQ draws from CMS Nursing Home Compare data and CMS Physician data, respectively.

[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 Build 2 supports new CMS measures and includes a new section about consumer-oriented MONAHRQ-generated websites, which provides detailed information about the features and functions included in a MONAHRQ-generated website for consumers. It also includes a new Hip Replacement Mortality Rate report that provides cost and utilization measures alongside quality data for hip replacements. These new features will help consumers and others use MONAHRQ-generated reports to make more informed health care decisions.

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)

When installing MONAHRQ 6.0 Build 2, current MONAHRQ 6.0 Host Users will be prompted to upgrade to the latest software version. Existing MONAHRQ 6.0 Host Users can accept the upgrade request and proceed through the installation process. The upgrade process will preserve any data that was previously imported. Host Users new to MONAHRQ 6.0 and 6.0 Build 2 will be prompted through an initial installation process and will be able to upgrade to later versions thereafter.

2 MONAHRQ® 6.0 BUILD 2 RELEASE UPDATES

Table 1 provides a summary of the new enhancements and features included in MONAHRQ 6.0 Build 2. See the following sections for more details about each of the items listed in Table 1.

Table 1. MONAHRQ 6.0 Build 2 Enhancements and Features (released July 31, 2015)

Item	Feature	Description
1	Consumer-Oriented MONAHRQ-Generated Website	The MONAHRQ application has been expanded to allow users to produce a website solely for a consumer audience. The consumer-oriented website will feature easy-to-understand language and displays as well as simpler navigation. Host Users will have the option of generating a consumer website, a health care professional website, or both.
2	Side-by-Side Display of Cost and Quality for a Condition	Build 2 includes a new report that provides cost and utilization measures alongside quality information for a single AHRQ QI measure, Hip Replacement Mortality Rate (IQI-14). This will be displayed on the consumer website.
3	Updated CMS Hospital Compare/AHRQ QI Measures	Eight new CMS Hospital Compare measures have been included for comparison analysis and display; two measures that are no longer supported in the CMS Hospital Compare database were removed.
4	Website Export and Import	This new function will allow Host Users to export their website settings and save them as a file to their desktop. The website settings include dataset selection, measure selection and customization, reports selection, and website customization for the banner, logos, fonts, and colors.
5	Edit Imported Datasets	In MONAHRQ 6.0 Build 2, Host Users will be able to edit the dataset attributes even after the dataset has been imported or data files have been re-imported if needed.
6	Export and Import Dataset Element Mapping File	Host Users are now able to export or use saved data element mappings.
7	Improvements Based on User Feedback for MONAHRQ 6.0	MONAHRQ 6.0 Build 2 incorporates Host User feedback in the existing functionality to improve the usability and performance of MONAHRQ (see Section 3).

2.1 New CMS Measures

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

Table 2. CMS Measures Added in MONAHRQ 6.0 Build 2

Measure Name	Topic	Subtopic	Identifier	NQF #
30-day readmission rate following elective primary total hip arthroplasty (THA) and/or total knee arthroplasty (TKA)	Hip or Knee Replacement Surgery	Results of Care	READM-30-HIP-KNEE	1551
Care Transition (Composite measure) Patients who "Strongly Agree" they understood their care when they left the hospital	Patient Experience	Patient Survey Results	H-COMP-7-SA	166
COPD 30-day mortality rate Death rate for chronic obstructive pulmonary disease (COPD) patients	COPD	Results of Care	MORT-30-COPD	1893

Measure Name	Topic	Subtopic	Identifier	NQF #
COPD 30-day readmission rate Rate of unplanned readmission for chronic obstructive pulmonary disease (COPD) patients	COPD	Results of Care	READM-30-COPD	1891
Hospital-level risk-standardized complication rate (RSCR) following elective primary total hip arthroplasty (THA) and total knee arthroplasty (TKA)	Hip or Knee Replacement Surgery	Results of Care	COMP-HIP-KNEE	—
Safe Surgery Checklist Use	Surgical Patient Safety	Recommended Care Before Surgery	OP-25	—
Surgical site infections from abdominal hysterectomy (SSI: Hysterectomy)	Infections	Health care-associated Infections	HAI-4	753
Surgical site infections from colon surgery (SSI: Colon)	Infections	Health care-associated Infections	HAI-3	753

Table 3. CMS Measures Removed in MONAHRQ 6.0 Build 2

Measure Name	Identifier	NQF #
Immunization for pneumonia	IMM1a	1653
Blood cultures performed in the emergency department prior to initial antibiotic received in hospital	PN3b	148

3 MONAHRQ® 6.0 BUILD 2 DESKTOP APPLICATION FEATURES

MONAHRQ® 6.0 Build 2 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 Build 2, 6.0, 5.0, and 5.0 Build 2—are described below.

3.1 MONAHRQ-Generated Websites Management

When Host Users set up their MONAHRQ-generated website, they first need to define their intended audience for the website. New to MONAHRQ 6.0 Build 2, Host Users will no longer be required to select either a consumer or health care professional audience type. Instead they will be able to select consumers, health care professionals, or both as the website audience type. Based on the audience selected, the MONAHRQ-generated website will be produced with the corresponding data output. Build 2 includes new and modified fields and features to tailor content to the dual audience website production. Additionally, reports, the website preview, and descriptions for topics and conditions have been updated to allow Host Users to differentiate between consumer and health care professional websites.

3.2 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—hospitals, nursing homes, and physicians.

To make the hospital data more manageable, MONAHRQ 6.0 Build 2 now allows Host Users to export their hospital list in MONAHRQ as a CSV file. This file can then be used to import the manually edited information back into MONAHRQ as a bulk update. In addition, MONAHRQ 6.0 Build 2 allows Host Users to export their Hospital Service Area (HSA) or Hospital Referral Region (HRR) data with population information from MONAHRQ as a CSV file in the same format as a custom region export file. The exported file can be used by Host Users to import edited HAS and HRR regions as custom regions in MONAHRQ.

3.3 Measures Library

The MONAHRQ Measures Library contains all of the measures supported by MONAHRQ and used for reporting. The Measures Library was updated during the MONAHRQ 6.0 release to include the CMS Nursing Home Compare data and CMS Physician data. Similar to the 6.0 release, MONAHRQ 6.0 Build 2 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 measure names, customize measure calculation attributes, and customize measure display attributes.

3.4 Reports Library

The Reports Library displays all of the reports available within MONAHRQ. In MONAHRQ 6.0 Build 2, several enhancements were made to enable Host Users to easily manage and customize reports by modifying the attributes for standard MONAHRQ reports. In addition, one new report with side-by-side cost and quality data for a single measure was created to be displayed in the new MONAHRQ-generated consumer website. This report cannot be displayed in the health care professional MONAHRQ-generated website.

3.5 Websites Library

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

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 Build 2, 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.