



MONAHRQ[®] 7

Release Notes

July 2016



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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 hospital inpatient and emergency department (ED) discharge data; evidence-based measure results from the Healthcare Effectiveness Data and Information Set (HEDIS) and Centers for Medicare & Medicaid Services’ (CMS) Hospital Compare database, including the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) patient experience survey; Nursing Home (NH) and Clinician and Group (CG) CAHPS data; and pre-calculated AHRQ Quality Indicators™ (QIs).

An update to the latest version of MONAHRQ is now available for download. MONAHRQ 7 supports new CMS and HEDIS measures and new reports on quarterly trending, nursing home and clinician and group CAHPS survey results, and guided education to help consumers and others see how to use MONAHRQ-generated reports to inform health care decisions.

When installing MONAHRQ 7, current MONAHRQ Host Users (version 5.0 and higher) will be prompted to upgrade to the latest version of software. Existing MONAHRQ 6.0 Build 2 Host Users can accept the upgrade request and proceed through the installation process. Host Users new to MONAHRQ 7 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® 7 RELEASE UPDATES

Table 1 provides a summary of the new enhancements and features included in MONAHRQ 7. See the following sections for more detail about each of the items listed below.

Table 1. MONAHRQ 7.0 Enhancements and Features

Item	Release Date	Feature	Description
1	July 19, 2016	ICD-10 Compatibility	MONAHRQ 7 supports ICD-10 coded Inpatient Discharge and Emergency Department Treat-and-Release datasets
2	July 19, 2016	Expanded Nursing Home reports	New to MONAHRQ, allows the Host User to report rates using Nursing Home CAHPS, the Family Member Survey data from CMS.
3	July 19, 2016	Expanded Physician reports	New to MONAHRQ, allows the Host User to expanded Physician reporting with two new data sources: Clinician and Group 2.0 CAHPS data and Medical Group HEDIS measures. Results are reported by percent of patients who received care rather than star ratings or word icons
5	July 19, 2016	New CMS Measures and Data Updates	Two new measures, Safe surgery checklist use (SM-SS-CHECK), and Coronary artery bypass graft (CABG) surgery 30-day readmission rate (READM-30-CABG) are added to Hospital Quality Report
4	July 19, 2016	New Utilization Quarterly Trending reports	The Utilization Reports have been expanded by providing the ability to display quarterly trending in addition to year-over-year trend data.
5	July 19, 2016	Expanded Side-by-Side Display of Cost and Quality	New side-by-side display of cost and quality for coronary artery bypass grafting (CABG)
6	July 19, 2016	Improved Guided Education and Additional Infographics	Improved ease of use for Consumers, with reorganized topics and subtopics for more intuitive navigation and customizable infographics for all health topics.
7	July 19, 2016	Nursing Home Infographic	New standalone infographic on nursing home quality
9	July 19, 2016	Expanded Publishing Features	New capability of compressing and optimizing your MONAHRQ-generated website before publishing it
10	July 19, 2016	Enhanced Google Analytics	Expanded capabilities to include internal pages in the log reporting about how users access your MONAHRQ-generated website

2.1 New Measures

MONAHRQ 7 includes 2 new CMS Hospital Compare measures and the ability to now report Nursing Home and Clinician and Group CAHPS data and Medical Group HEDIS measures. The measures and their default MONAHRQ health topics are listed in the Measures List document hosted on the MONAHRQ website at http://www.ahrq.gov/downloads/monahrq/xls/MONAHRQ_7_Measures_List.xlsx.

3 MONAHRQ® 7 DESKTOP APPLICATION FEATURES

MONAHRQ® 7 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, measure, and website configurations in libraries. The generated website offers a new layout and reporting pathways for ease of use by website users. MONAHRQ features 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 Nursing Home Compare data and Physician profile information from the Physician Compare database.

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 new measures to existing Hospital Compare from CMS, lists Nursing Home and Clinician and Group CAHPS measures, and introduces new measures in the Medical Group HEDIS database. Similar to the 6.0 build 2 release, MONAHRQ 7 enables Host Users to easily manage their data by allowing 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 import Clinician and Group 2.0 CAHPS data and **Medical Group HEDIS measures**. For HEDIS measures, the results are reported by percent of patients who received care rather than star ratings or word icons. Host Users can now import Nursing Home CAHPS data, sourced by the Family Member Survey data from CMS. 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 other new reports including quarterly trending data for a period of time (as defined by the Host User). In addition, a new side-by-side display of cost and quality for coronary artery bypass grafting (CABG) is available, as well as an infographic on Nursing Homes and 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 6.0 build 2 release, Host Users can use the Websites Library to easily manage multiple websites and customize websites using the simple Website Creation component. MONAHRQ 7 includes additional

content management capabilities for website pages and additional dependency checks 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 professionals (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. The same reports and reporting paths from the 6.0 build 2 release are available in MONAHRQ 7.

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 sub-paths where they can view reports based on geographic parameters or, for some reports, by specific conditions or topics.

4 SYSTEM REQUIREMENTS

Operating Systems:

- Windows Server® 2003 or higher 32- and 64-bit
- Windows® 7 32- and 64-bit
- Windows® 8 32- and 64-bit
- Windows® 10 32- and 64-bit

Disk Space:

- Microsoft® .NET Framework 4.0—850 MB for 32-bit systems, 2 GB for 64-bit systems
- Microsoft® SQL Server® 2012 and 2008 R2 Express—2 GB for 32-bit and 64-bit systems
- MONAHRQ application— [~674 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 for higher performance:

- 2 GHz processor speed
- 4 GB of memory

Software Requirements:

- Microsoft .NET Framework 4.0.
- Microsoft SQL Server (standard), 2005 or higher. If the Express Edition is used, Microsoft SQL Server Express Edition 2008 R2 or higher is recommended. For larger data sets, it is recommended to use Microsoft SQL Standard Server (2005 or above). Because of memory size limitations, SQL express may not be able to handle the website generation process. This database may reside on a remote server.

5 INSTALLATION

For instructions on installing MONAHRQ[®] 7, please refer to the *MONAHRQ[®] 7 Host User Guide* and the *MONAHRQ[®] 7 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.