



U.S. Department of Health and Human Services



Agency for Healthcare Research and Quality

Advancing Excellence in Health Care • www.ahrq.gov



Input Your Data. Output Your Website.



What is MONAHRQ?

- MONAHRQ® is innovative, free, website-generating software from the Agency for Healthcare Research and Quality (AHRQ). This desktop software enables any organization to quickly and easily create and host a public or private website with understandable, evidence-based health care reports for providers, policy makers, consumers, and others for use in improving transparency and the safety, quality and affordability of health care.



Why Was MONAHRQ Developed?

- Growing interest in public reporting
 - ▶ State reporting mandates
 - ▶ Employers, coalitions, consumers have been major advocates
- Developing and hosting a reporting website is expensive, time-consuming, requires specialized skills
- Why reinvent the wheel? Take advantage of AHRQ's expertise in data, measurement and public reporting.

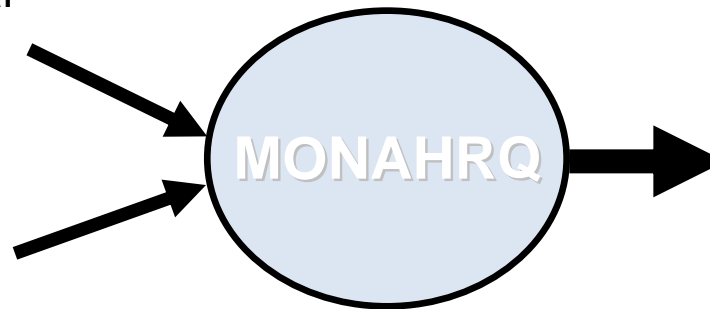
Free MONAHRQ Tool for Public Reporting & Analysis

(My Own Network, Powered by AHRQ)

Load your local hospital discharge data

Load sets of pre-calculated measures*

Download MONAHRQ from monahrq.ahrq.gov



Select customization options




Output a healthcare reporting website

You host the site!

Public or private: your choice

* *Hospital Compare measures, HCAHPS survey measures, AHRQ Quality Indicators*

What Can MONAHRQ Report?




MONAHRQ Demo Website

Home
Hospital Quality
Utilization
Avoidable Stays
County Rates
Resources


Hospital Quality

Ratings for the Public




Find and compare hospitals in your area. Some hospitals provide better quality care than others. [Learn more.](#)

Detailed Quality Statistics




Utilization

Inpatient Hospital Utilization




Find and compare hospitals by the number of patients they treat for different medical conditions and procedures.

ED Utilization




Avoidable Hospital Stays




Map and compare counties by rates of potentially avoidable hospital stays. Compare cost savings from reducing avoidable stays.

County Rates of Hospital Use



Map and compare counties by rates of inpatient medical conditions and procedures.



Version: 4.1
Submit Feedback...
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2006 Data in Demo State



Compare Hospital Quality Ratings

Hospital Ratings [?]

Childbirth [?]

Ratings about care for new mothers and newborns. It includes information about how often and when C-sections and vaginal births are performed.

[Quality of Care Improvement](#)

Select a comparison group [?]

in My State

Key for Ratings [?]

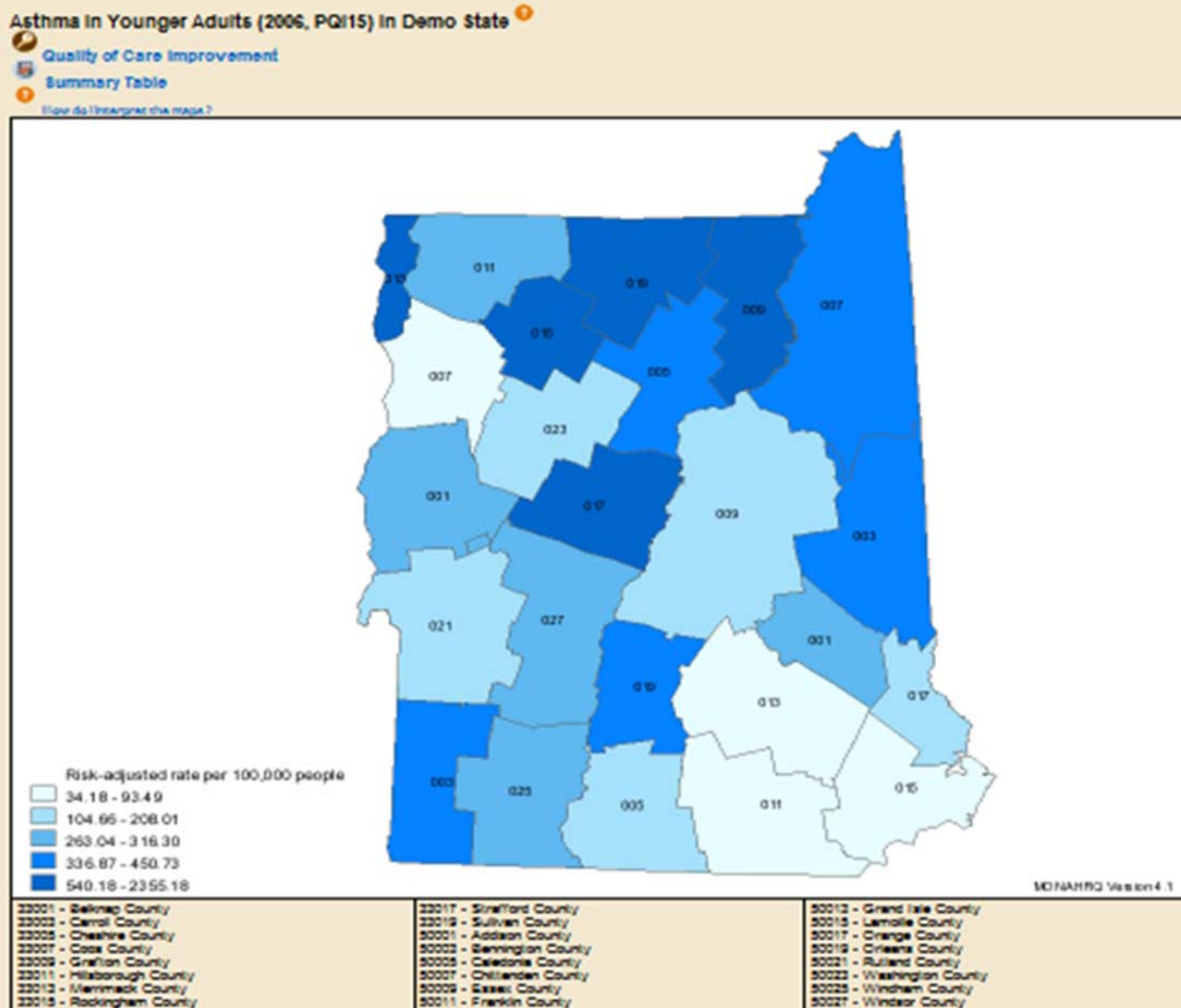
- best** Hospital is better than average compared to other hospitals.
 - average Hospital is about the same or average compared to other hospitals.
 - below** Hospital is worse than average compared to other hospitals.
 - Not Enough Data: There are not enough data to rate this hospital
- The numbers below the ratings represent the Risk Adjusted Rate, and in parenthesis, the Confidence Interval Lower Bound and Upper Bound.

Results of care

Practice patterns

Hospital Name	Newborns with a birth injury or infection	Obstetric injury after a vaginal delivery with medical instruments	Obstetric injury after vaginal delivery without medical instruments
	[?]	[?]	[?]
Facility 10	average	average	average
Facility 11	average		
Facility 12	best	average	average
Facility 13	best		
Facility 14	best	average	below
Facility 15	average	best	average
Facility 16	average	average	best

Maps of Avoidable Stays





Example Report: Potential Cost Savings from Avoidable Stays

Hypertension admission rate (2006, PQI7) ?

How do I interpret the tables? ?

County FIPS Code	Name	Numerator	Denominator	-- Rates per 100,000 --			-- Cost savings* with reduction in the numerator of --				
				Observed Rate	Risk Adjusted Rate	S.E. of Risk Adjusted Rate	10%	20%	30%	40%	50%
33001	MY - Adams	65	47704	136.26	126.38	11.19	72,000	143,900	215,900	287,800	359,800
33003	MY - Jefferson	76	38020	199.89	173.48	12.12	99,500	199,100	298,600	398,100	497,700
33005	MY - Madison	75	61181	122.59	124.19	10.33	82,900	165,700	248,600	331,400	414,300
33007	MY - Monroe	78	25891	301.26	258.12	14.60	91,600	183,200	274,800	366,400	458,000
33009	MY - Quincy	73	68698	106.26	107.91	9.76	86,800	173,600	260,400	347,200	434,000
33011	MY - Jackson	88	302015	29.14	30.70	4.74	97,900	195,800	293,600	391,400	489,200
33013	MY - Harrison	83	114117	72.73	73.24	7.54	99,500	198,900	298,400	397,900	497,300
33015	MY - Tyler	95	223395	42.53	43.09	5.40	97,000	194,000	291,000	388,000	485,000
33017	MY - Polk	89	94414	94.27	106.88	8.79	108,900	217,800	326,700	435,600	544,500
33019	MY - Fillmore	90	33200	271.08	251.45	13.41	105,600	211,200	316,800	422,400	528,000
50001	MY - Pierce	68	28369	239.70	251.38	15.43	75,900	151,800	227,700	303,600	379,500
50003	MY - Buchanan	85	28851	294.62	261.97	14.09	101,300	202,600	303,900	405,200	506,500
50005	MY - Lincoln	82	23690	346.14	333.43	16.18	75,600	151,300	226,900	302,600	378,200
50007	MY - Johnson	74	118336	62.53	72.99	7.97	85,000	170,100	255,100	340,100	425,200
50009	MY - Grant	90	5027	1790.33	1616.08	34.01	105,300	210,600	315,900	421,200	526,500

Shows rates of potentially avoidable hospital stays by county

Estimates cost savings from reducing these stays



MONAHRQ & Public Health Interventions: MyQI Guides

- MONAHRQ not only presents measures and maps of “hot spots” but through the MyQI Guides presents evidence-based solutions to help get started on creating policies and efforts to improve quality.

My Quality Improvement (MyQI)

A key to improving health care quality

Improving Asthma Care Quality

After reviewing your MONAHRQ-generated information for asthma, you may be ready to take steps to improve the quality of care in your area. The MyQI *Improving Asthma Care Quality* portal provides a framework, action steps, and resources for planning and implementing initiatives to improve the quality of care in the community, thereby reducing hospitalizations for asthma patients.

The goals of improving asthma care are to close gaps between current and best medical practice, improve access to care, and eliminate disparities.

Resources and links in this portal answer these questions:

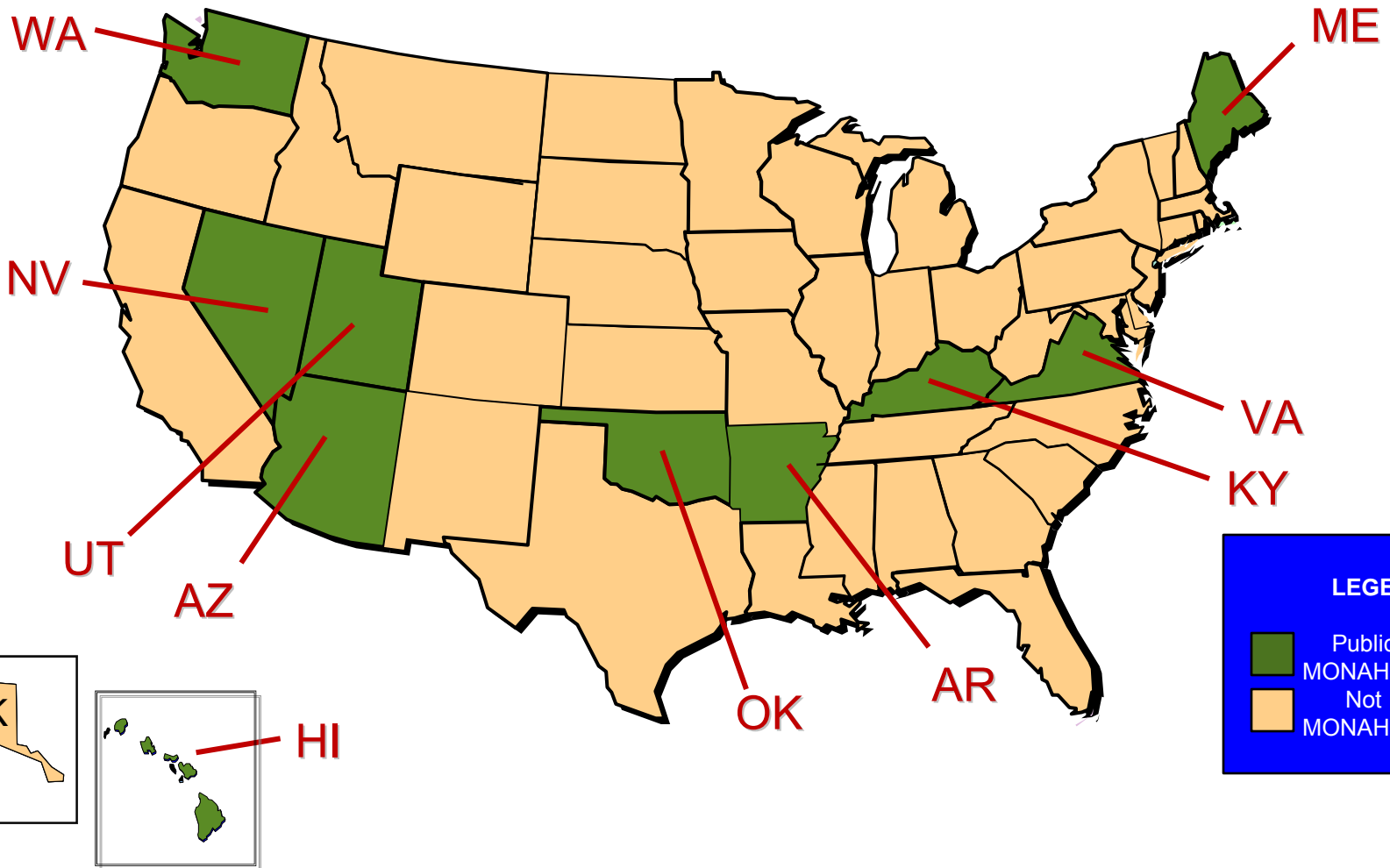
- [*Why is Quality Asthma Care Important?*](#)
- [*What is Asthma?*](#)
- [*How Common is Asthma?*](#)
- [*How Can I Plan for Asthma Quality Improvement?*](#)
- [*Other Useful Asthma Resources*](#)
- [*Useful Asthma Resources*](#)



Who Uses MONAHRQ?

- **Host Users: Public Reports**
 - ▶ State Host Users (10, plus more in the pipeline) such as health departments and coalitions
- **Host Users: Private Reports**
 - ▶ Harder for AHRQ to track, but users include health plans and state health departments
 - ▶ Many users start private before going public
- **End Users**
 - ▶ Consumers, employers, insurers, providers, researchers, policymakers

Public MONAHRQ Websites





MONAHRQ Websites

Arizona: <http://pub.azdhs.gov/hospital-discharge-stats/2011/index.html>

Arkansas: <http://healthdata.ar.gov/>

Hawaii: <http://hhic.org/publicreports.asp>

Kentucky: <http://chfs.ky.gov/ohp/healthdata/IQI.htm>

Maine: <http://gateway.maine.gov/mhdo/monahrq/index.html>

Nevada: <http://www.nevadacomparecare.net/Monahrq/index.html>

Oklahoma: <http://www.health.ok.gov/ok2share>


Utah: <https://health.utah.gov/myhealthcare/monahrq/Utilization.html>

Virginia: <http://www.vhi.org/healthcare.asp>

Washington: <http://wamonahrq.net/>

MONAHRQ 5.0 & Beyond

Total Software Redesign




Health Data
Organization

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[Home](#) [Quality Ratings](#) [Utilization](#) [Resources](#) [About Us](#)

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Find Hospitals

that provide high quality care in areas that matter most to you.

Condition or Topic

Choose the health condition or topic that's most important to you, and then compare hospital ratings for your particular needs.

EXPLORE


Hospital

Browse a list of hospitals by location or type and compare them, or find a specific hospital and see how it rates.

EXPLORE

Quality Ratings and Utilization for Hospitals in Your Community

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What is Quality?

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MONAHRQ 5.0 Highlights

- Intuitive interface and improved performance makes it faster and easier to produce websites
- Create multiple websites and re-use imported data, rather than starting over each time a new website is needed
- Individual hospital profile pages with structural, cost, and quality data (“Yelp” for hospitals)
- Redesigned reports that reflect the latest research about what is most effective for reporting to consumers
- Additional CMS data sets on hospital charges and structural measures
- Open framework architecture allows move toward open source

Consumer-Friendly Design



Health Data
Organization

Print

Share this Page

Feedback

- Home
- Quality Ratings
- Utilization
- Resources
- About Us

Search: Zip Region

Topic: Sub Topic:

Ratings about heart attack care. A heart attack, also called an AMI or acute myocardial infarction, happens when the arteries leading to the heart become blocked and the blood supply slows or stops.

[Read More >](#)

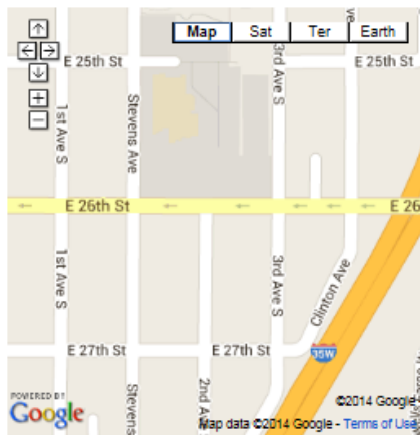
Sort by: Compared To: Display Type: ▼ ▲ ●

Select hospitals to compare	Hospital Name	How patients rate this hospital overall	Aspirin prescribed before leaving the hospital	Heart Attack Patients Given a Prescription for a Statin at Discharge	Medicine to reduce blood clots given within 30 minutes of getting to the hospital	Procedure to open blood vessels done within 90 minutes of getting to the hospital
<input type="checkbox"/>	facility 1	● Average	▲ Better than average	Not enough data to report	Not enough data to report	Not enough data to report
<input type="checkbox"/>	facility 2	● Average	▲ Better than average	Not enough data to report	Not enough data to report	Not enough data to report
<input type="checkbox"/>	facility 3	▼ Below average	Not enough data to report	▲ Better than average	Not enough data to report	Not enough data to report

Individual Hospital Profiles

facility 1

1234 Some St Room B2
City, ST 20001



[View on Google Maps »](#)

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Website: <http://google.com>

Type of Facility: Acute Care Hospital

Type of Control: a control type

Total Beds: 45

Total Patient Revenue: 123

Total Discharges: 123

Total Patient Days: 123

Quality Ratings

Utilization

Patient Experience

How Do Patients Rate the Hospital Overall?

Better
than average


Ratings for Health Conditions and Topics


[Heart attack and chest pain](#)


[Patient experiences](#)


Intuitive Set Up


Monahrq - Input your data. Output your website.
Welcome | Session Log | About | - + x


DATA SETS


MEASURES


REPORTS


WEBSITES


SETTINGS

Welcome to MONAHRQ!

You are about to use the most cost-effective software available for generating health care performance reports. MONAHRQ is developed by the Agency for Healthcare Research and Quality (AHRQ) which is part of the Department of Health and Human Services (DHHS).

Create a new website
➤


Import new data
➤

Define measures
➤

Preview reports
➤


Generate website
➤

Tutorials:




Tutorial Title 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam vitae feugiat nibh, nec congue lorem.




Tutorial Title 2

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam vitae feugiat nibh, nec congue lorem.



Tutorial Title 3



Tutorial Title 1

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Easy to Manage Libraries

Data Library

- Easily manage multiple datasets
- Store multiple versions of the same file to cover different time periods
- Import all types of data files seamlessly using wizard

Measures Library

- Easily manage measures
- Customize certain measure attributes for use in different types of reports

Reports Library

- Preview sample reports before creating your reports
- Create custom reports

Websites Library

- Easily manage multiple MONAHRQ websites
- Use the simple website generation wizard to create and customize websites



What Data Can 5.0 Report?

- State Inpatient Discharge Data
- Medicare Hospital Charge Data
- Emergency Department Data
- AHRQ QI Measure Results
- Hospital Compare Measure Results
- Hospital Structural Data

- **Consumer focus**
 - Make websites and topics more consumer-focused
 - Child & maternity care, patient safety, price reporting
 - Make information to be more fun, interactive, easily understood
 - Use of infographics, guided education, GIS, etc.
- **New reporting domains**
 - Physician performance
 - Post-acute care: nursing home
 - ED PQI
- **Methodological improvements**
 - Alignment between cost and quality
 - Trending
 - Conversion to ICD-10
- **Open source**

Your ideas for MONAHRQ?



Thank You!

Download the MONAHRQ software, data files, and visit our live demo site:

<http://monahrq.ahrq.gov>