

HHS-Sponsored Measure Registry Needs Assessment

Workshop

September 5, 2012



NATIONAL
QUALITY FORUM

Welcome!

- Overview of Project
- Defining Primary Measure Information Needs
- Break-out Sessions: Identifying Requirements and Actions
- Bringing it All Together & Next Steps

Setting the Stage

- Measurement and reporting efforts have grown tremendously in recent years
- Many stakeholders struggle with maintaining and/or accessing measure information
- HHS and others have expressed interest in being able to consistently identify measures and their versions over time, for a variety of purposes

Setting the Stage: Measure Registry Needs Assessment

- HHS contracted with NQF to assess:
 - Measure information needs across the measure lifecycle
 - Systems or approaches currently in use
 - Potential value in a standardized approach
- HHS plans to use the input gathered through this project and particularly today's workshop to:
 - Inform near-term decisions on where and how to invest in measures and measurement
 - Determine if there is a unique role for the federal government to help meet measure information needs:
 - » Through coordinated and synthesized needs; and
 - » Within the context of aligned public- and private-sector efforts

Setting the Stage: What is a Registry?

- Merriam-Webster English Dictionary:
 - *verb* 1. The act of recording or registering
 - *noun* 2. A place of registration; an official record book
- Not to be confused with:
 - Measure information systems
 - Clinical registries
- A 'registry' may involve:
 - One access point for information input and output
 - Owners of the information adding their information
 - Those who add information may be different from those who need to access and/or use the information

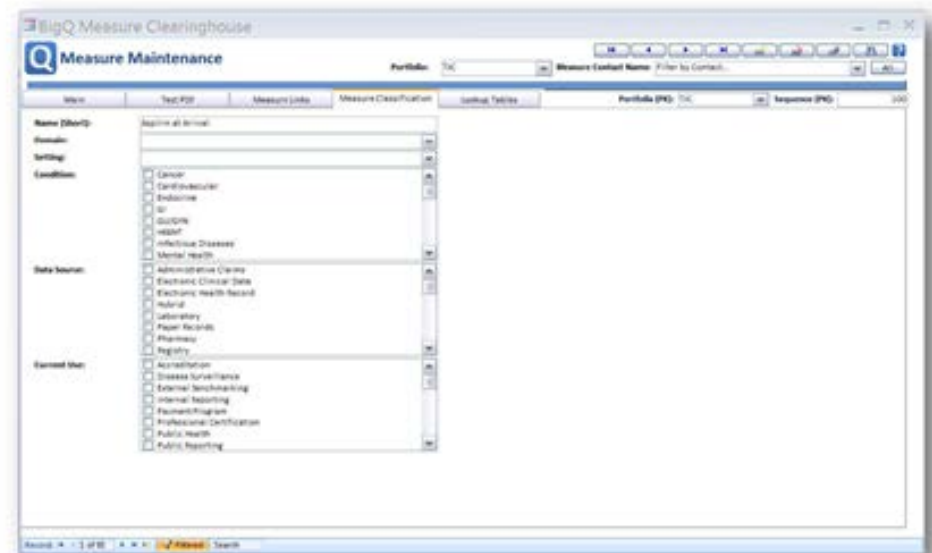
Insights Thus Far: Approaches to Measure Information Management

- Stakeholders employ a wide-range of approaches for managing measure information
- Some use Excel spreadsheets while others have created custom databases

Quality Measure Clearinghouse

KPQMC Measure Maintenance

Categorization / Classification



Slide# 12

Privileged and Confidential

KAISER PERMANENTE

Kaiser Permanente, Webinar: Exploration of Information Systems, July 26, 2012

Insights Thus Far: Current Measure Information Systems

- Those who use measure information generally rely on a combination of resources from AHRQ, NQF, Google, and measure developers

The screenshot displays the National Quality Measures Clearinghouse website. The header includes the AHRQ logo and the text 'Advancing Excellence in Health Care'. Below the header, there is a navigation bar with links for 'Home', 'Measures', 'Browse', 'Expert Commentaries', 'Tutorial on Quality Measures', 'Compare Measures', 'FAQ', 'Submit Measures', 'About', and 'My NQMC'. The main content area is titled 'Measures by Domain' and features a search bar, a 'GO' button, and a 'Create Domain E-mail Alerts' button. The search results are displayed in a table with three entries:

Measure ID	Measure Description	Developer(s)
006358	Acetaminophen use: percentage of patients prescribed acetaminophen who have risk factors for liver disease AND the percentage of patients treated with high-dose (greater than or equal to 4 gm/day) acetaminophen who are advised of the associated risk of liver toxicity.	Arthritis Foundation - Nonprofit Organization; RAND Health - Nonprofit Research Organization; University of Alabama at Birmingham - Academic Institution.
006357	Acute myocardial infarction (AMI)/chest pain: median time from ED arrival to ECG (performed in the ED prior to transfer) for patients with AMI or chest pain.	Centers for Medicare & Medicaid Services - Federal Government Agency [U.S.]; Oklahoma Foundation for Medical Quality - Health Care Quality Collaboration.
006357	Acute myocardial infarction (AMI)/chest pain: percentage of ED patients with AMI or chest pain who received aspirin within 24 hours before ED arrival or prior to transfer.	Centers for Medicare & Medicaid Services - Federal Government Agency [U.S.]; Oklahoma Foundation for Medical Quality - Health Care Quality Collaboration.

Insights Thus Far: Challenges Stakeholders Encounter

- Resources to maintain measure information over time
- Lack of standardization of measure information
- Lack of standardized measure identification
- Insufficient and/or inconsistent information across available sources
- Inconsistent or unclear approaches to measure versioning
- Unique information needs associated with eMeasures and their implementation

Insights Thus Far: Potential Value of a Standardized Approach

- Mixed opinion on whether a standardized approach will meet the needs of measure developers and implementers alike
- Organizations must balance their information needs with their current resources and business models
- What is currently available falls short of providing what many stakeholders, especially measure implementers, need to use a measure

Objectives for Today

- Identify top-priority measure information needs
- Identify technical and structural requirements to meet those needs
- Discuss potential approaches and related trade-offs to address top-priority requirements
- Provide input to HHS on potential next steps to meet the needs and requirements

Important Considerations

1. Diverse set of stakeholders in attendance
2. We need your active participation
 - Use worksheets and discussion in break-out sessions to share your ideas
 - Provide feedback and ask questions during reports out
3. Keep your perspective 'hat' on
4. Consider this workshop an open, safe forum for you to share
5. Questions or concerns throughout the day? See NQF staff.



Questions?



Defining Primary Measure Information Needs

Stakeholder Discussions

Agency for Healthcare Research and Quality and ECRI Institute

American College of Cardiology

Beacon Communities

California Office of the Patient Advocate

Centers for Medicare & Medicaid Services and Health Services Advisory Group

Health Resources and Services Administration

The Joint Commission

Kaiser Permanente

Leapfrog Group

Minnesota Community Measurement

National Business Coalition on Health

National Center for Health Statistics,
Centers for Disease Control and Prevention

National Committee for Quality Assurance

National Library of Medicine

National Quality Forum

Office of the National Coordinator for Health
Information Technology

Pacific Business Group on Health

U.S. Department of Veterans Affairs

	Stakeholder Perspective		
Want Access to the Following Information...	Measure Developers	Those Who Advance Measure Implementation	Measure Implementers
Measures in the development and use pipeline (including measure concepts)	X	X	X
Consistent measure metadata fields	X	X	X
Measure gaps	X	X	X
Complete and up-to-date measure specifications		X	X
eMeasure specifications and related information	X	X	X
Historical information about a measure (from conception through to the current version)		X	X
The specific changes made to a measure when an update is released		X	X
Feedback loop with developers and implementers		X	X
Measure results and benchmark data	X	X	X
Measure use information, including use in national reporting and/or incentive programs	X	X	X
Other?...			

PRIORITIZED MEASURE INFORMATION NEEDS	# VOTES
Complete and up-to-date measure specifications	30
Measure use information, including use in national reporting and incentive programs	28
Consistent measure metadata fields including unique identifiers for measures	24
Measure abstracts (concise summaries of the most essential information about a measure, including the context for why the measure is important and/or the intent of the measure)	20
eMeasure specifications and related information	17
Measure results and benchmark data	16
Systemic, structured feedback loops involving measure developers and implementers	12
Information about a measure or measure results that can inform action or change, and potentially impact revenue	12
Reliability and validity testing information about measures	6
Measures in the development and use pipeline (including measure concepts and measures no longer maintained by the measure developer)	5
Specific changes made to a measure when update is released	3
A warehouse of data sources that can be used for testing or calculating measures	2
Historical information about a measure (from concept through retirement)	2
Measure gaps	1
Harmonization and relationships between measures	1

Next Steps

Sept. 5, 2012

- In-person meeting to explore key issues and considerations for a standardized system or approach

Oct./Nov.
2012

- Webinar to present and discuss key findings from project (late October)
- Public comment period (late October – late November)

End of
2012

- Final report to HHS and posted online with findings, related trade-offs, and potential recommendations

Thank you!

For more information or to contact us:

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