

**Resource Use Project:
Endorsing Resource Use
Measures
(Phase II)
January 27, 2011**

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Agenda

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- Phase II Project Overview
 - Upcoming Dates
 - Scope of Call for Measures
 - Measure Review Process
- Submitting & Evaluating Resource Use Measures
- Q &A

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Resource Use CDP

Upcoming Dates

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Milestone	Date
<u>Call for TAP Nominations</u> <ul style="list-style-type: none"> • Cardiovascular/Diabetes • Pulmonary • Bone/Joint • Cancer 	January 31-March 1
<u>Call for Measures: Cycle 1</u> <ul style="list-style-type: none"> • Cardiovascular • Diabetes • Non-condition specific 	January 31-March 1
<u>Call for Measures: Cycle 2</u> <ul style="list-style-type: none"> • Pulmonary • Bone/Joint • Cancer 	March 2-March 31

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Call for Measures

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INCLUDES:

- Condition-specific measures:
 - a) Episode resource use
 - b) Per capita resource use
 - c) Procedure-specific resource use
 - d) Per admission
- Non-condition specific measures

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Resource Use CDP

13 Conditions- 4 TAPs

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Tentative list

Cardiovascular/Diabetes TAP	Cancer TAP
<ul style="list-style-type: none"> •Congestive Heart Failure •Coronary Artery Disease •Acute Myocardial Infarction •Stroke •Diabetes 	<ul style="list-style-type: none"> •Breast Cancer •Colorectal Cancer
Pulmonary TAP	Bone/Joint TAP
<ul style="list-style-type: none"> •Asthma •Chronic Obstructive Pulmonary Disease •Pneumonia 	<ul style="list-style-type: none"> •Hip/Pelvic Fracture •Hip/Knee replacement •Low Back Pain
Steering Committee: Non-condition specific measures	

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Resource Use CDP

Call for Measures

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DOES NOT INCLUDE:

- Untested measures
- Paired measures
 - Two or more individual measures that must be used together as a bundle or pair
- Composite resource use measures
 - Two or more individual resource use measures combined to produce one composite resource use score
 - e.g., measuring resource use across multiple conditions composited into one overall physician resource use score
- Readmission measures
- Length of stay measures

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Resource Use CDP

Measure Review

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Measure Review Cycle 1 (May- December 2011)

- AMI
- Diabetes
- non-condition specific
- CHF
- CAD
- Stroke

Measure Review Cycle 2 (Jun 2011- March 2012)

- Asthma
- Pneumonia
- COPD
- Breast Cancer
- Colorectal Cancer
- Knee/Hip Replacement
- Hip/Pelvic Fracture
- Low Back Pain

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Submitting & Evaluating Resource Use Measures

Submitting Resource Use Measures

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- Online submission tool opens Monday, January 31
 - Cardiovascular, stroke, diabetes, & non-condition specific measures **MUST** be submitted during cycle 1
 - All other measures can be submitted during Cycle 1 or 2
- Submission form instructions

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Submitting Resource Use Measures

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- Entering information
 - Must complete EACH field
 - Most text boxes allow for 20,000 characters (~80 pages, 12pt font, double spaced)
- Submission form attachments
 - Maximum 5MB file size
 - Use only for supplemental information required to fully evaluate the measure against the criteria (e.g., tables, charts)
 - Contents/purpose of the attachment must be summarized in the corresponding field in the form

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Submitting Resource Use Measures

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- Supplemental attachments will be allowed for the following (11) items:
 - General Methods
 - Data Dictionary
 - Code Table
 - Data Protocol
 - Data source Instrument
 - Clinical Logic
 - Construction Logic
 - Resource Use Service Categories
 - Risk Adjustment Methods
 - Sample Score Report
 - Measure Testing

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Resource Use Measure Submission Items

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- 7 tabs on submission form:
 - NQF Conditions for Consideration
 - Specifications
 - Importance
 - Scientific Acceptability
 - Usability
 - Feasibility
 - Additional (Contact Information)

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Resource Use Measure Submission Items

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- NQF Conditions for Consideration must be met prior to Committee evaluation:
 - Measure Steward Agreement signed
 - Measure Steward identified
 - Measure purpose identified (QI & public reporting)
 - Measure testing complete
 - Measure harmonized, as appropriate
 - Submission form complete

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Evaluating the Submission Items

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- 4 overall criteria, each with subcriteria
 1. Importance to measure and report
 2. Scientific acceptability of measure properties
 3. Usability
 4. Feasibility
- Importance and Scientific Acceptability evaluated using Yes/No
- Usability and Feasibility evaluated on a scale of High/Moderate/Low/Insufficient
- Each subcriteria evaluated on a scale of High/Moderate/Low/Insufficient

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Evaluating the Submission Items

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The following slides provide an overview of Resource Use measure submission items. These items do NOT include all items requested on the form, but have been selected to provide further explanation.

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Submission Items: Importance

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Submission Items:

- IM1. Cross Cutting Areas (All the areas for which the measure is specified and tested)
- IM1.1. Demonstrated High Impact Aspect of Healthcare
- IM1.2. Summary of Evidence of High Impact
- IM1.3. Citations for Evidence of High Impact

What needs to be submitted:

- IM1. Based on list provided, the developer selects all the relevant areas.
- IM1.1. Select the item that best describes this measure's importance.
- IM1.2. Summarize the evidence from peer reviewed literature or other established sources that support the measure focus as high impact indicated in IM1.1.
- IM1.3. List the corresponding citations for IM1.2.

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Submission Items: Importance

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Submission Items:

- **Opportunity for Improvement**
- IM2.1. Briefly explain the benefits envisioned by use of this measure
- IM2.2. Summary of data demonstrating variation across providers or entities
- IM2.3. Citations for data on variation
- IM2.4. Summary of Data on Disparities by Population Group
- IM2.5. Citations for Data on Disparities

What needs to be submitted:

- IM2.1. Describe how using this measure might impact quality of care or use of resources based on its intended use.
- IM2.2. Demonstrate the resource use or cost problems and opportunity for improvement, i.e., data demonstrating variation in the delivery of care across providers and/or population groups (disparities in care).
- IM2.3. List the corresponding citations for information submitted in IM2.2.
- IM2.4. Summarize any relevant literature examining variation in resource use by population group demonstrating disparities in care.
- IM2.5. List the corresponding citations for

IM2.4.
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Submission Items: Importance

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Submission Items:

- **Measure Intent**
- IM3.1. Describe intent of the measure and its components/Rationale (including any citations) for analyzing variation in resource use in this way.

What needs to be submitted:

- Describe why the measure has been constructed to measure resource use in this way and what and how it is intended to be used. Use any relevant citations to support the selection of the resources counted in the measure.

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Specifying Resource Use Measures by Module

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Scientific Acceptability

1. Data Protocol (Guidelines or Specifications)
 - Includes analytic steps like cleaning or aggregating relevant data necessary to implement the specifications and produce valid results (e.g., data cleaning steps, inclusion and exclusion criteria)
2. Measure Clinical Logic
 - Includes steps that identify the condition or event and any clustering of diagnoses/procedures (e.g., treatment of co-morbidities, severity level assignments)
3. Measure Construction Logic
 - Includes steps used to cluster or assign claims beyond those associated with the clinical logic (e.g., trigger and end mechanisms, eliminating redundancy and overlap)
4. Adjustments for Comparability
 - Includes steps to adjust the measure to increase comparability of results among providers, employers, and health plans (e.g., risk adjustment, stratification, and costing method)
5. Reporting (Guidelines or Specifications)
 - Includes steps to report the measure results (e.g., attribution rules, benchmarking, assignment of peer groups)

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Submission Items: Scientific Acceptability

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Submission Items:**Reliability Testing**

- SA1.1. Data/sample
- SA1.2. Analytic Methods
- SA1.3. Testing Results
- SA1.4. Finding statement(s) – (i.e., is the measure deemed reliable, limitations, identified)

What needs to be submitted:

- SA1.1. Describe the data and sample used for TESTING.
- SA1.2. Describe the analytic method used, including the test statistic WITH rationale for using this method.
- SA1.3. The results of the reliability testing should be easy to review and understand.
- SA1.4. Summarize the results of the reliability testing: Based on the analytic method used and results: Is the measure reliable? Include any limitations identified.

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Submission Items: Scientific Acceptability

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Submission Items:

Validity Testing

- SA2.1. Data/sample
- SA2.2. Analytic Method
- SA2.3. Testing Results (statistical results, assessment of adequacy in the context of norms for the test conducted; if face validity, describe results of systematic assessment)
- SA2.4 Finding statement(s) – i.e., is the measure deemed reliable, limitations identified)

What needs to be submitted:

- SA2.1 Describe the data and sample used to TEST the measure's validity
- SA2.2 Describe the analytic method used , including the test statistic WITH rationale for using this method.
- SA2.3 List the results of the validity testing.
- SA2.4 Summarize the results of the reliability testing: Based on the analytic method used and results: Is the measure valid? Include any limitations identified.

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Submission Items: Scientific Acceptability

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Submission Items:

- SA3.1. Describe how the impact of exclusions (if specified) is transparent as required in the criteria
- SA3.2. Data/sample for analysis of exclusions
- SA3.3. Analytic Method (describe the type of analysis and rationale for examining exclusions, including exclusion related to patient preference)
- SA3.4. Results (statistical results for analysis of exclusions, e.g., frequency, variability, sensitivity analyses)
- SA3.5. Finding statement(s) (i.e., is the measure biased due to exclusions, limitations, or other factors?)

What needs to be submitted:

- SA3.1 What is the result of the measure's exclusions?
- SA3.2 Describe the data or sample used to TEST measure exclusions
- SA3.3 Describe the analytic method used , including the test statistic WITH rationale for using this method.
- SA3.4 List the results of the testing.
- SA3.5 Summarize the results of the testing: Based on the analytic method used and results: is the measure biased because of the exclusions? Include any limitations identified.

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Submission Items: Scientific Acceptability

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Submission Items:

- SA4. Testing Population

What needs to be submitted:

- Check all of the populations in which the measure was tested. Measures are endorsed for use in populations for which they have been tested.

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Submission Items: Usability



Submission Items:

- **Testing of Interpretability**
- U2.1. If understanding or usefulness was demonstrated (e.g., through systematic feedback from users, focus group, cognitive testing, analysis of quality improvement initiatives) describe the data, methods, and results.

What needs to be submitted:

- U.2.1. If this type of testing has not been done, please indicate in the text box provided.
- The resource use data and results should be coherent and have the ability to be decomposed and transparent to the public.

Submission Items: Usability

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Submission Items:

- U3. If there are similar or related measures (either same measure focus or target population) measures (both the same measure focus and same target population), list the NQF # and title of all related and/or similar measures
- U3.1 If this measure has EITHER the same measure focus OR the same target population as NQF-endorsed measure(s): Are the measure specifications completely harmonized?
- U3.2. If the measure specifications are not completely harmonized, identify the differences, rationale, and impact on interpretability and data collection burden.

What needs to be submitted:

- U3. If applicable, list measures that are similar or related to the submitted resource use measure. If there are none, indicate in the text box provided.
- If the measure has the same measure focus or same target population as an endorsed NQF measure, describe if/how it has been harmonized.
- If the measure specifications are not harmonized, describe the differences, rationale and impact this will have on users.

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Questions?

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Project Email:

efficiency@qualityforum.org

Project Staff:

- Ashlie Wilbon, MPH, BSN, Project Manager
awilbon@qualityforum.org
- Sally Turbyville, MA, MS, Senior Director
sturbyville@qualityforum.org
- Sarah Fanta, Research Analyst
sfanta@qualityforum.org

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