

# The Buying Value Measure Selection Tool

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*Strategies for Selecting Measures and Developing Aligned Measure Sets*

Michael Bailit and Deepti Kanneganti

January 4, 2017

bailit  
health

# Webinar Presenter: State Health and Value Strategies

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# The Robert Wood Johnson Foundation's State Health and Value Strategies Program

- Supports state efforts to **enhance the quality and value** of health care by improving population health and reforming health care delivery
- **Works directly with states**—including Medicaid agencies, governors' offices, and more—to promote peer-to-peer learning
- **Connects states with technical assistance experts** to develop tools for new quality improvement and cost management initiatives
- **Collaborates with other funders and stakeholders** to produce issue briefs and host convenings, focusing on best practices for states



# Webinar Presenters: Bailit Health

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Dedicated to working to working with public agencies and private purchasers to improve health care system performance.

<http://www.bailit-health.com/>

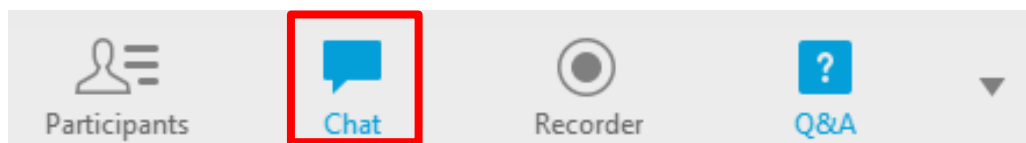
# Logistics

- This webinar is being recorded.
  - The recording and slides will be available following the webinar.
- Telephone lines will be open to allow for questions.
  - Please mute your line. Please do not put your line on hold.
- Questions can be submitted electronically at any time.

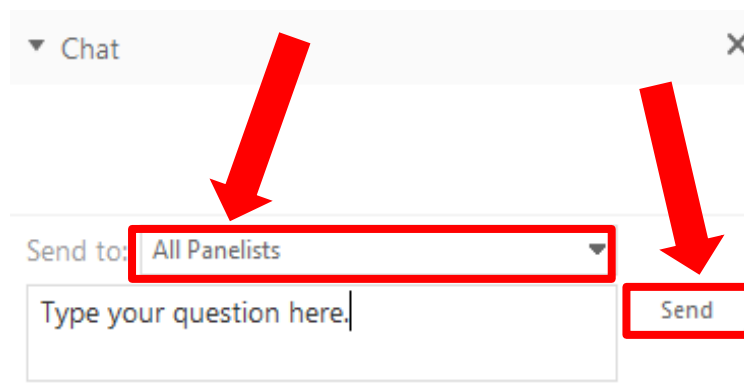


# Asking Questions Electronically

- Right click on the Chat button in the top right of the WebEx program.



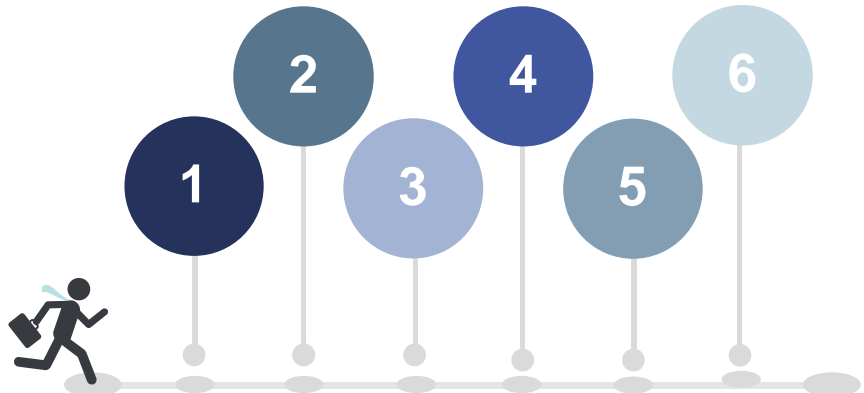
- Type your question in the chat box. Select “All Panelists” and click “Send.”



- The “Q&A” function can also be used in a similar way.

# Goals for Today's Presentation

1. Understand the History of Buying Value
2. Review Resources to Help Create Aligned Measure Sets
3. Explain Updates to the New Buying Value Measure Selection Tool (BVMST)
4. Demonstrate the BVMST
5. Learn About Vermont's Experience
6. Respond to Questions and Share Resources



# The History of Buying Value

- The Buying Value Measure Selection Tool (BVMST) was developed as part of a suite of nine resources to assist state agencies, private purchasers and other stakeholders in creating aligned measure sets.
- The tool was first published in 2014. Since then, it has been used by a number of states, including:
  - Connecticut
  - Oregon
  - Rhode Island
  - Vermont
  - Washington
- In 2016, with SHVS support, Bailit Health updated the tool to include current measure sets and add new functionality.

# Once upon a time...there were no measures

- In 1989 large employers were complaining that they had **no data** to assess the value generated by their health plans.
- In response, a group of health plans decided to work with a small group of large employers to identify **standard measures that could be used to demonstrate value.**
- The result of that effort – **HEDIS “1.0”** – was released in 1991 with a limited number of quality measures – most of which were focused on prevention.

# And now here we are today!

- 26 years later, we are awash in measures!
- The 2013 Buying Value study of measure sets in 25 states and three regional collaboratives found:
  - 1,367 measures in use across 48 measure sets, of which **509** were distinct, non-duplicated measures
  - Only 20% of the 509 measures were used in 2+ measure sets
- There were 650 NQF-endorsed measures as of 11-28-16.



# Why Focus on Measure Alignment?

1. Providers can't respond to the large number of measures they are being asked to improve.
2. The measure-related requirements on providers for coding claims and medical records is a significant contributor to primary care burnout.
3. Constant change in measure set composition only worsens these problems for providers.

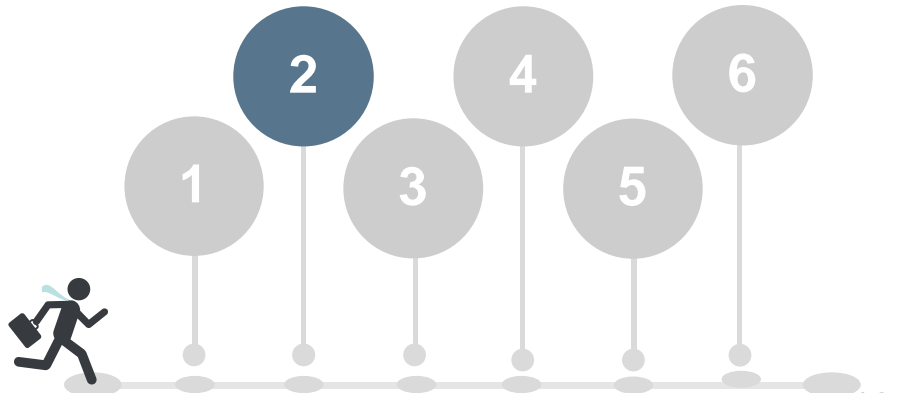


# The Current Landscape of Measure Alignment

- There are national initiatives designed to create alignment, but they have had limited effect so far.
  - National Initiatives:
    - CMS Core Quality Measure Set
    - IOM's Core Metrics
- States have not waited for national alignment, and have facilitated their own measure alignment processes.
  - Statewide Initiatives:
    - Rhode Island: SIM Aligned Measure Sets
    - Washington: Common Measure Set on Healthcare Quality and Cost

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# How to Create an Aligned Measure Set

- The RWJF-supported Buying Value Project developed a suite of tools in 2014, titled “*How to Build A Measure Set*,” to assist state agencies, private purchasers, and other stakeholders in creating aligned performance measure sets.
- The full suite of resources is available on the Buying Value website ([www.\*\*buyingvalue.org\*\*](http://www.buyingvalue.org)).

# How to Create an Aligned Measure Set (Cont.)

The Buying Value Measure Selection Tool

Helping Purchasers Define Aligned Measure Sets

About The Buying Value Measure Selection Tool Other Resources Contact Search

## The Buying Value Measure Selection Tool

### How to Build a Measure Set

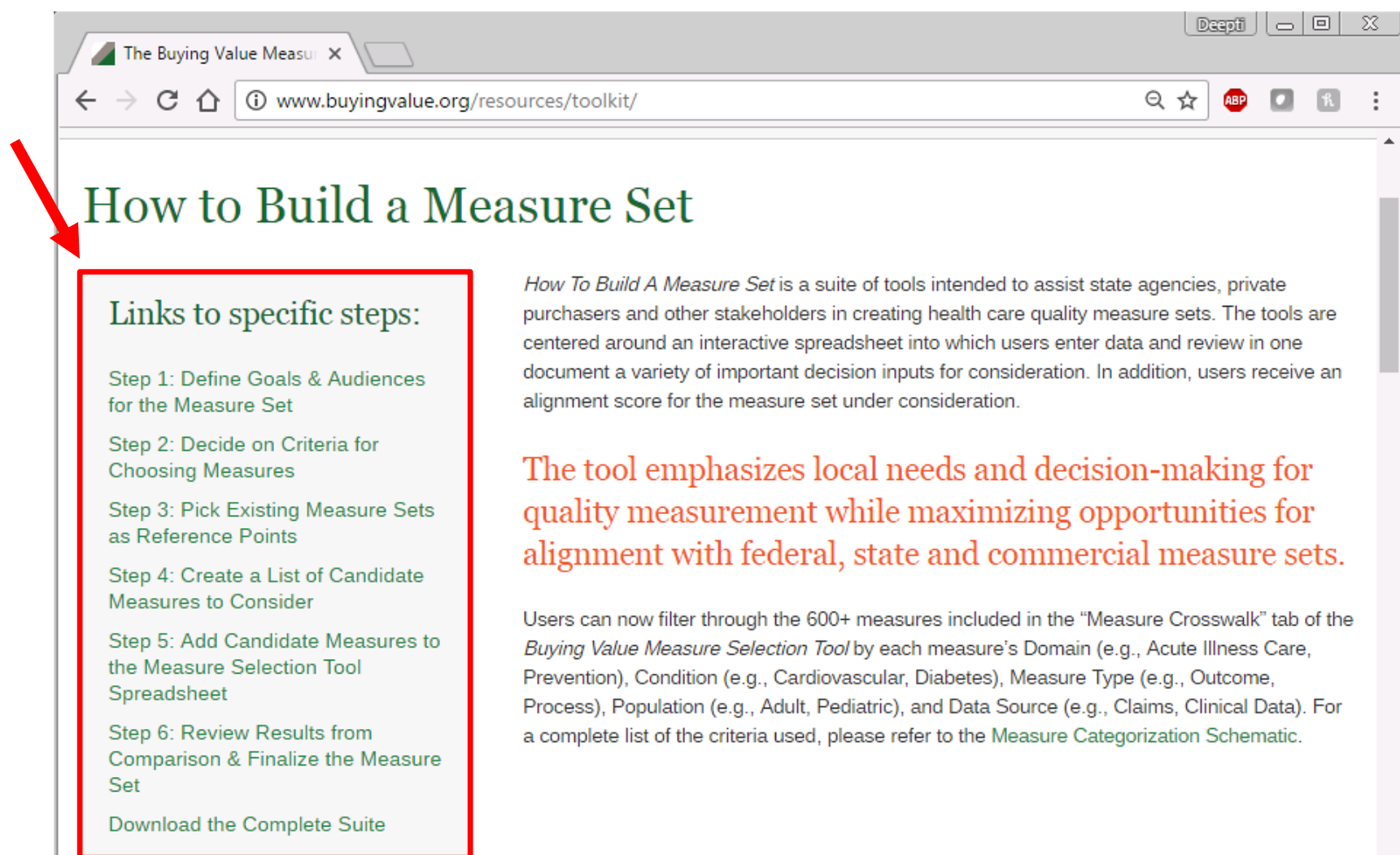
**Links to specific steps:**

- Step 1: Define Goals & Audiences for the Measure Set
- Step 2: Decide on Criteria for Choosing Measures
- Step 3: Pick Existing Measure Sets as Reference Points
- Step 4: Create a List of Candidate Measures to Consider

*How To Build A Measure Set* is a suite of tools intended to assist state agencies, private purchasers and other stakeholders in creating health care quality measure sets. The tools are centered around an interactive spreadsheet into which users enter data and review in one document a variety of important decision inputs for consideration. In addition, users receive an alignment score for the measure set under consideration.

**The tool emphasizes local needs and decision-making for quality measurement while maximizing opportunities for alignment with federal, state and commercial measure sets.**

# How to Create an Aligned Measure Set (Cont.)



The screenshot shows a web browser window with the address bar displaying 'www.buyingvalue.org/resources/toolkit/'. The page title is 'How to Build a Measure Set'. A red arrow points to a red-bordered box containing a list of links to specific steps. The page content includes a description of the tool and a list of steps.

## How to Build a Measure Set

*How To Build A Measure Set* is a suite of tools intended to assist state agencies, private purchasers and other stakeholders in creating health care quality measure sets. The tools are centered around an interactive spreadsheet into which users enter data and review in one document a variety of important decision inputs for consideration. In addition, users receive an alignment score for the measure set under consideration.

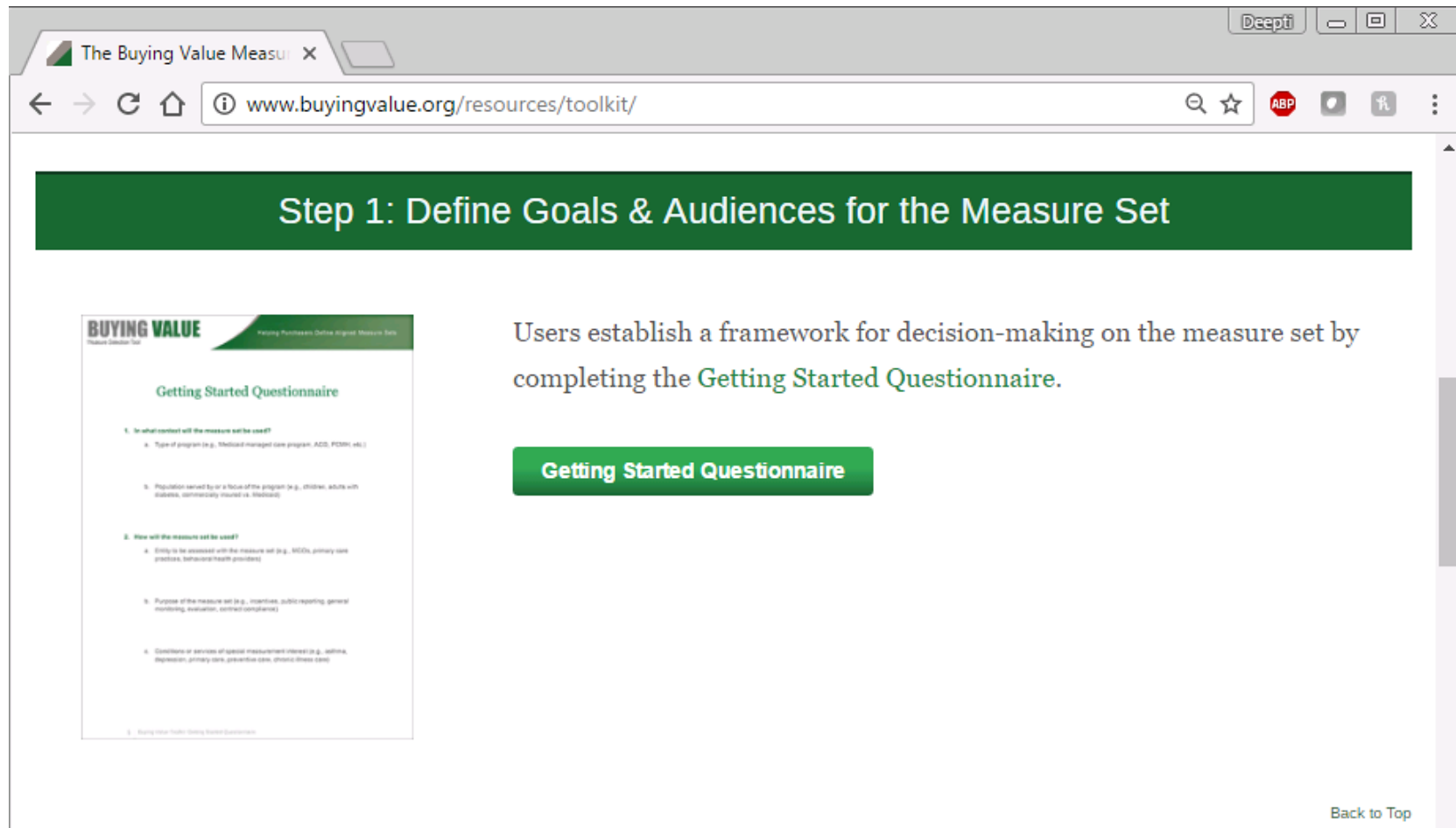
**The tool emphasizes local needs and decision-making for quality measurement while maximizing opportunities for alignment with federal, state and commercial measure sets.**

Users can now filter through the 600+ measures included in the "Measure Crosswalk" tab of the *Buying Value Measure Selection Tool* by each measure's Domain (e.g., Acute Illness Care, Prevention), Condition (e.g., Cardiovascular, Diabetes), Measure Type (e.g., Outcome, Process), Population (e.g., Adult, Pediatric), and Data Source (e.g., Claims, Clinical Data). For a complete list of the criteria used, please refer to the [Measure Categorization Schematic](#).

**Links to specific steps:**

- [Step 1: Define Goals & Audiences for the Measure Set](#)
- [Step 2: Decide on Criteria for Choosing Measures](#)
- [Step 3: Pick Existing Measure Sets as Reference Points](#)
- [Step 4: Create a List of Candidate Measures to Consider](#)
- [Step 5: Add Candidate Measures to the Measure Selection Tool Spreadsheet](#)
- [Step 6: Review Results from Comparison & Finalize the Measure Set](#)
- [Download the Complete Suite](#)

# How to Create an Aligned Measure Set (Cont.)



The screenshot shows a web browser window with the address bar displaying [www.buyingvalue.org/resources/toolkit/](http://www.buyingvalue.org/resources/toolkit/). The page content is titled "Step 1: Define Goals & Audiences for the Measure Set". Below the title, there is a thumbnail of a document titled "BUYING VALUE Getting Started Questionnaire". The document content is as follows:

**BUYING VALUE**  
Helping Purchasers Define Aligned Measure Sets

### Getting Started Questionnaire

- In what context will the measure set be used?**
  - Type of program (e.g., Medical managed care program, ACO, PCMH, etc.)
  - Population served by or a focus of the program (e.g., children, adults with diabetes, commercially insured vs. Medicaid)
- How will the measure set be used?**
  - Entity to be measured with the measure set (e.g., MCOs, primary care practices, behavioral health providers)
  - Purpose of the measure set (e.g., incentives, public reporting, general monitoring, evaluation, contract compliance)
  - Questions or services of special measurement interest (e.g., asthma, depression, primary care, preventive care, chronic disease care)

© Buying Value Toolkit: Defining Aligned Questionnaires

Users establish a framework for decision-making on the measure set by completing the **Getting Started Questionnaire**.

[Getting Started Questionnaire](#)

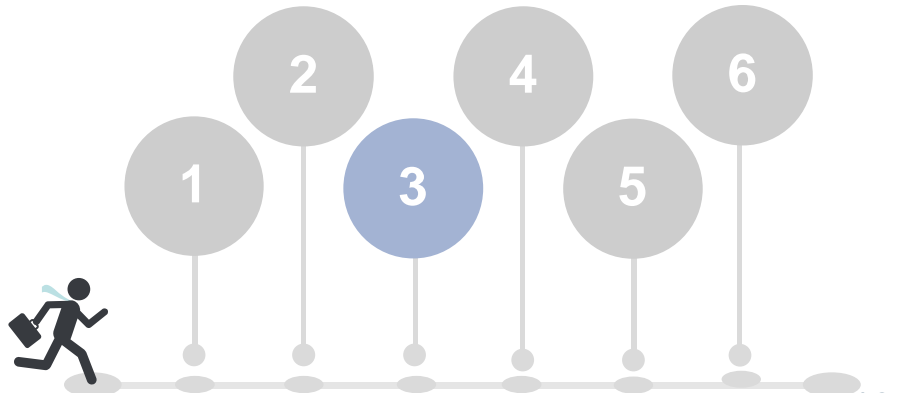
[Back to Top](#)

# How to Create an Aligned Measure Set (Cont.)

The screenshot shows a web browser window with the address bar at [www.buyingvalue.org/resources/toolkit/](http://www.buyingvalue.org/resources/toolkit/). The main content area features a green header with the text "Step 3: Pick Existing Measure Sets as Reference Points". Below this, there is a document preview for "BUYING VALUE Measure Selection Tool" titled "Measure Sets to Identify and Review before Selecting Measures". The document text includes: "In order to ensure alignment across various programs and reduce the burden placed on providers participating in the program, it is important to identify the various measure sets that may be in current use by state and county agencies, health insurers and providers. This document provides a comprehensive list of measure sets that may be used locally. For an introductory walkthrough of the Measure Selection Tool Spreadsheet, click the video to the left or refer to the Measure Selection Tool User Instructions." A video player with a play button is overlaid on the document. Below the document are three green buttons: "Measure Sets to Identify and Review", "Measure Selection Tool Spreadsheet", and "Measure Selection Tool User Instructions".

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# 2016 Buying Value Measure Selection Tool Updates

1. Refreshed all measure sets in the tool, including:
  - a. Updating measures included in current federal, national, and state measure sets
  - b. Adding new notable federal measure sets (e.g., Merit-based Incentive Payment System (MIPS) Measures)
  - c. Removing measure sets that are no longer in use
2. Created a new function that allows users to search through 600+ measures by domain, condition, measure type, population, and data source

# Measure Sets Included in the Tool

## Federal and National Measure Sets Included in the Tool (15)

- Catalyst for Payment Reform Employer-Purchaser Measure Set\*
- CMMI Comprehensive Primary Care Plus (CPC+)#
- CMMI SIM Recommended Model Performance Metrics
- CMS Core Set of Children's Health Care Quality Measures for Medicaid and CHIP (Child Core Set)
- CMS Core Set of Health Care Quality Measures for Adults Enrolled in Medicaid (Medicaid Adult Core Set)
- CMS Core Quality Measures Collaborative\*
- CMS Health Home Measure Set
- CMS Hospital Value-Based Purchasing
- CMS Medicare Hospital Care
- CMS Medicare-Medicaid Plans (MMPs) Capitated Financial Alignment Model (Duals Demonstrations)
- CMS Medicare Part C & D Star Ratings Measures
- CMS Medicare Shared Savings Program (MSSP) ACO
- CMS Merit-based Incentive Payment System (MIPS)\*
- CMS Physician Quality Reporting System (PQRS); CMS EP EHR Incentive Clinical Quality Measures (eCQMs); and CMS Cross Cutting Measures (CCMs)
- Joint Commission Accountability Measures List

\*This measure set was added to the tool.

#This measure set replaced an existing measure set.

# Measure Sets Included in the Tool (Cont.)

## State Measure Sets Included in the Tool

- Medi-Cal P4P Measure Set\*
- Oregon CCO Incentive Measures
- Oregon CCO State Performance “Test” Measures
- Rhode Island SIM Aligned Measure Set for ACOs\*
- Vermont ACO Pilot Core Performance Measures for Payment and Reporting
- Washington State Common Measure Set for Health Care Quality and Cost

\*This measure set was added to the tool.

# Buying Value Tool Search Function

Domain	<ul style="list-style-type: none"><li>▪ Acute Illness Care</li><li>▪ Ambulatory Surgery Center</li><li>▪ Ambulatory Surgery Center and Hospital</li><li>▪ Chronic Illness Care</li><li>▪ Health/Drug Plan</li></ul>	<ul style="list-style-type: none"><li>▪ Health Information Technology</li><li>▪ Home Health</li><li>▪ Hospice</li><li>▪ Hospital</li><li>▪ Medication Management</li></ul>	<ul style="list-style-type: none"><li>▪ Overuse</li><li>▪ Population Health</li><li>▪ Post-Acute/Long-Term Care</li><li>▪ Prevention</li><li>▪ Not Applicable (NA)</li><li>▪ Other</li></ul>
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Condition	<ul style="list-style-type: none"><li>▪ Auditory</li><li>▪ Cancer</li><li>▪ Cardiovascular</li><li>▪ Dental</li><li>▪ Diabetes</li><li>▪ Emergency Care</li><li>▪ Gastrointestinal</li></ul>	<ul style="list-style-type: none"><li>▪ Genitourinary</li><li>▪ Infectious Disease</li><li>▪ Mental Health</li><li>▪ Musculoskeletal</li><li>▪ Neurology</li><li>▪ Obesity</li><li>▪ Ophthalmology</li></ul>	<ul style="list-style-type: none"><li>▪ Patient Safety</li><li>▪ Pregnancy</li><li>▪ Renal</li><li>▪ Respiratory</li><li>▪ Substance Abuse</li><li>▪ Not Applicable (NA)</li></ul>
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# Buying Value Tool Search Function (Cont.)

Measure Type	<ul style="list-style-type: none"><li>Cost/Resource Use</li><li>Outcome</li><li>Patient Experience</li><li>Process</li><li>Structure</li></ul>
Population	<ul style="list-style-type: none"><li>All Ages</li><li>Adult (18+ Years)</li><li>Pediatric (0-18 Years)</li><li>Older Adult (65+ Years)</li><li>Not Applicable</li></ul>
Data Source	<ul style="list-style-type: none"><li>Claims</li><li>Claims/Clinical Data</li><li>Claims/Social Service Data</li><li>Clinical Data</li><li>Independent Review</li><li>Medicare Complaints Tracking Module (CTM)</li><li>Other</li><li>Plan Reporting</li><li>Provider Attestation</li><li>Survey</li></ul>

# Buying Value Tool Search Function (Cont.)

5-Buying-Value-Measure-Selection-Tool-final - Excel

Table Tools Design Tell me what you want to do

File Home Insert Page Layout Formulas Data Review View Nitro Pro 7 ACROBAT Design

Clipboard Font Alignment Number Styles Cells Editing

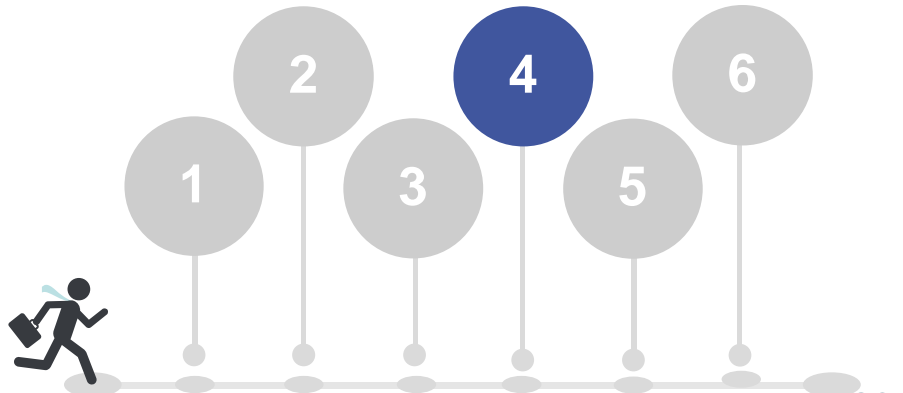
Measure Crosswalk

BV Library #	Measure Name	NQF #	NQF Endorsement Status	NCQA HEDIS Abbreviation	CMS Number	Steward	Description	Domain	Condition	Measure Type	Populations	Data Source
BV-1	Asthma: Assessment of Asthma Control	0001				AMA-PCPI (American Medical Association-	Percentage of patients who were evaluated during at least one office visit for the frequency (numeric) of daytime and nocturnal asthma symptoms	Chronic Illness Care	Respiratory	Process	All Ages	Claims/Clinical Data
BV-2	Appropriate Testing for Children with Pharyngitis	0002	No longer Endorsed	CWP	CMS146	National Committee for Quality Assurance	Percentage of children ages 3 to 18 that were diagnosed with pharyngitis, dispensed an antibiotic, and received a group A streptococcus test for the	Overuse	Infectious Disease	Process	Pediatric	Claims
BV-3	Initiation and Engagement of Alcohol and Other Drug Dependence Treatment	0004		IET	CMS137	National Committee for Quality Assurance	Percentage of adolescent and adult patients with a new episode of alcohol or other drug (AOD) dependence who received the following:	Chronic Illness Care	Substance Abuse	Process	All Ages	Claims
BV-4	CAHPS® Clinician/Group Surveys - (Adult Primary Care, Pediatric Care, and Specialist Care Surveys)	0005				Agency for Healthcare Research and Quality	• Adult Primary Care Survey: 37 core and 64 supplemental question survey of adult outpatient primary care patients.	Other	NA	Patient Experience	All Ages	Survey
BV-5	CAHPS® Health Plan Survey v 5.0 - Adult Questionnaire	0006				Agency for Healthcare Research and Quality	30-question core survey of adult health plan members that assesses the quality of care and services they receive. Level of analysis: health plan - HMO, PPO.	Health/Drug Plan	NA	Patient Experience	Adult	Survey
	NCQA Supplemental items for					National	This supplemental set of items was					

Ready 55%

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# Demonstration of the Measure Selection Tool

The screenshot displays the Microsoft Excel interface for a tool titled "5-Buying-Value-Measure-Selection-Tool-final". The ribbon includes "Home", "Insert", "Page Layout", "Formulas", "Data", "Review", "View", "Nitro Pro 7", "ACROBAT", "Design", and "Table Tools". The "Home" ribbon is active, showing options for Font, Alignment, Number, Styles, Cells, and Editing.

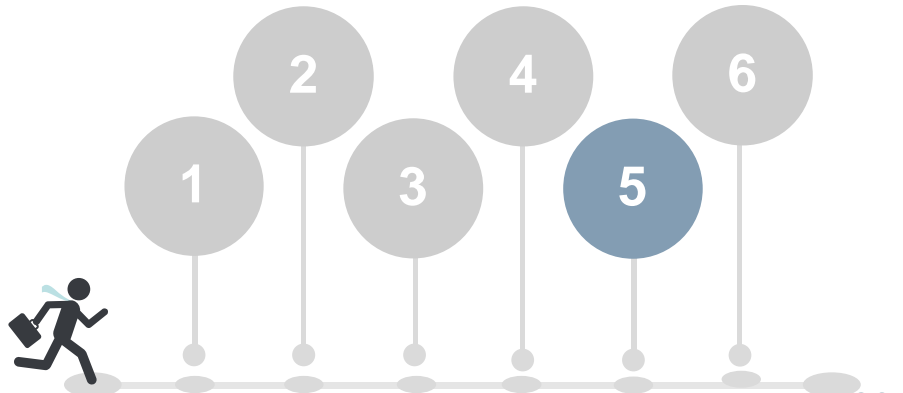
The spreadsheet content is as follows:

Measure Selection Tool														
		<b>Instructions:</b> • Enter Measures for Consideration in Columns A through J. • Begin with entering known NQF number in Column C (note: you must enter a 4-digit number (e.g., 0002 not 2 or 02)). • 'Measure Name', 'Steward', 'CMS Number', 'Description', and 'Data Source' will auto-populate for measures that have a known NQF number and are currently included in the Measure Crosswalk tab. • Enter all remaining information manually.												
#	Measure Name	NQF Number	Steward	CMS Number	Description	Domain	Condition	Measure Type	Populations	Data Source	Measure Origin	Measure Status	Ratio	
	#N/A		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A				
	#N/A		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A				
	#N/A		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A				

The bottom of the spreadsheet shows a navigation bar with tabs: "Instruction Sheet", "Measure Selection Tool" (active), "Summary Sheet", "Measure Crosswalk", and "Link ...". The status bar at the bottom indicates "Ready" and a zoom level of "55%".

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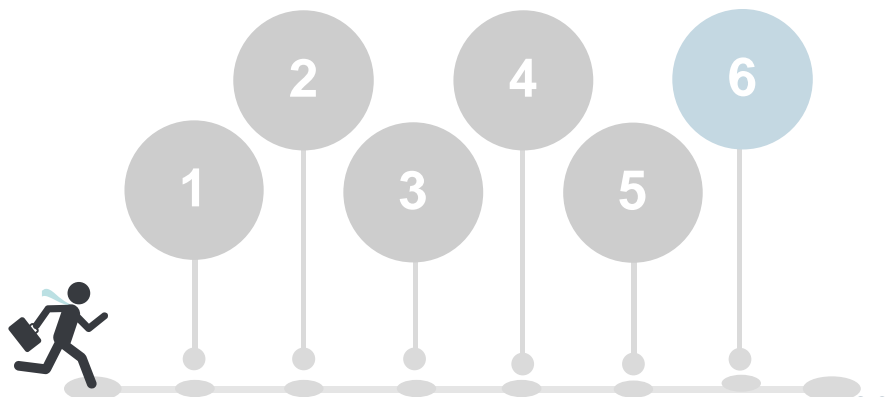
# Experience with the Buying Value Measure Selection Tool

- **Pat Jones, Health Care Project Director**  
Green Mountain Care Board, Vermont

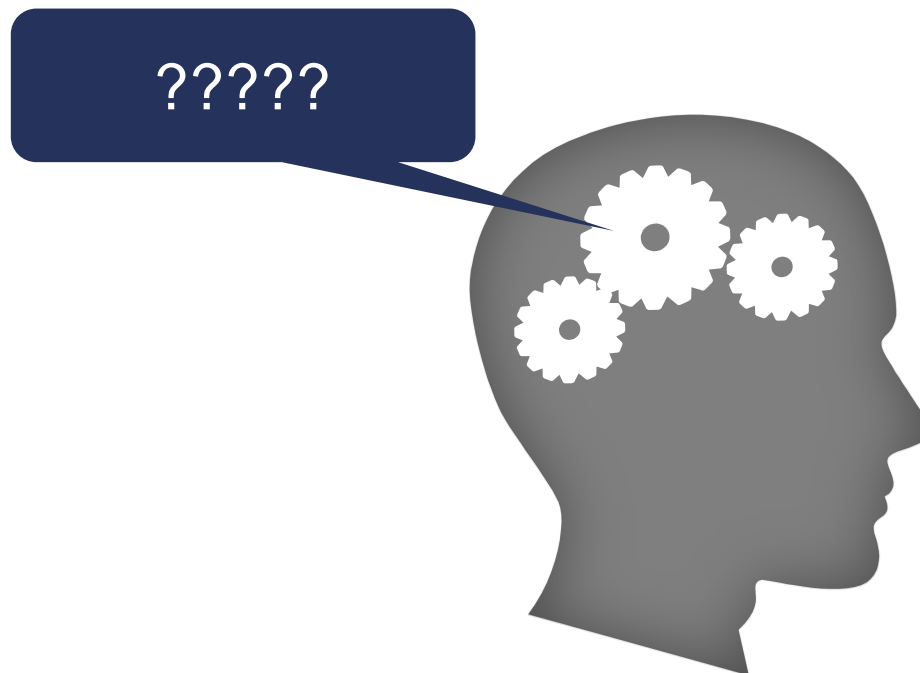


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6. Respond to Questions and Share Resources



# Questions?



# Resources

- Webinar materials will be emailed to participants and made available on the SHVS website
  - <http://statenetwork.org/resource/?tag=shran,shvs&topic=&type=>
- Buying Value
  - [www.buyingvalue.org/](http://www.buyingvalue.org/)
- Bailit Health-authored brief titled “Considerations for State Development of Performance Measure Sets”
  - [www.rwjf.org/en/research-publications/find-rwjf-research/2014/09/considerations-for-state-development-of-performance-measure-sets.html](http://www.rwjf.org/en/research-publications/find-rwjf-research/2014/09/considerations-for-state-development-of-performance-measure-sets.html)