

Virtual Measure Developer Workshop

Exploring the Science Behind the Scores: Methods, Cost, and Impact

On October 15 and 16, 2025, we will host two half-day virtual sessions focused on strengthening the science behind health care quality measurement. The workshop will explore methodological concepts related to scientific acceptability—including reliability, validity, and risk adjustment—as well as a framework for evaluating cost measures and estimating the impact of performance measures using heuristics. This is a valuable opportunity for measure developers and stewards to deepen their understanding of measurement methods and explore ways to enhance the quality and value of health care measurement.

Day 1 – October 15, 2025 | 12:00 PM–3:15 PM ET

Time	Session Title	Purpose
12:00 PM – 12:10 PM	Welcome	To welcome attendees and review the goals of the workshop and day 1 agenda.
12:10 PM – 12:40 PM	Cost and Burden of Quality Measurement	To examine how measurement science and economic evaluation can be used to identify which quality improvement efforts offer the greatest return on investment and explore the practical challenges of scaling and sustaining interventions. <i>Guest Speaker, Donald E. Casey Jr, MD, MPH, MBA</i> <i>Author of What's Missing From Value-Based Care—Accounting for the Costs and Benefits of Quality Improvement</i>
12:40 PM – 1:55 PM	Performance Gap: Estimating Impact with Heuristics	To explore how heuristics and empirical methods can be used to better estimate the potential impact of quality measures, and determine whether a performance gap is actionable, meaningful, and worth the measurement burden. Participants will examine approaches for applying causal reasoning, counterfactual modeling, and "Rule of Three" heuristics to assess performance gap.
1:55 PM – 2:10 PM	Break	--
2:10 PM – 3:10 PM	Presenting and Evaluating Cost Measures	To review the challenges involved in developing and evaluating cost measures, the importance of interpreting cost within the context of quality care, and strategies to ensure these measures are both scientifically robust and practical for accountability purposes. The session will also highlight how PQM evaluation criteria are applied to support the safe, effective, and fair use of cost measures in health care performance assessment.
3:10 PM – 3:15 PM	Closing	To thank participants and highlight the day 2 agenda.

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Day 2: October 16, 2025 | 12:00 PM–3:30 PM ET

Time	Session Title	Purpose
12:00 PM – 12:05 PM	Welcome	To welcome attendees and review the agenda for day 2.
12:05 PM – 1:20 PM	Applying Reliability Methods	To review CBE guidance on reliability methodologies for assessing quality measures, focusing on when and how each method should be applied based on data type and use case. The session will also address common challenges and discuss mitigation strategies and trade-offs for entities with low reliability.
1:20 PM – 2:20 PM	Validity Best Practices	To review best practices for accountable entity-level testing, focusing on articulating hypothesized relationships between quality measures, interpreting expected correlation directions and strengths, and using mechanistic evidence to support measure validation in line with CBE requirements.
2:20 PM – 2:30 PM	Break	--
2:30 PM – 3:25 PM	Risk Adjustment: Variability and Innovation	To examine current practices and challenges in risk adjustment, with a focus on variability and implementation at the entity level. This session will also explore emerging tools and techniques, including machine learning, and solicit developer feedback on opportunities for standardization (e.g., c-statistics and benchmarks).
3:25 PM – 3:30 PM	Closing	To thank participants and direct them to additional resources.