

# CAHMI Four Part Model of Measurement for Action

5 Level Framework for Conceptualizing Measures	6 Stage Measurement Development Process	7 Criteria for Measurement Review and Endorsement	6 M's for Implementation and Improvement
<p><b>LEVEL I. USE</b> Audience (e.g., policy makers, payers, providers, families, consumers) and purpose (e.g., use for surveillance, accountability, improvement, engagement, etc.).</p> <p><b>LEVEL II. AIMS</b> Broad and specific outcomes seeking to influence (e.g., healthy development, staying healthy, getting better when sick, living well with illness, managing transitions)</p> <p><b>LEVEL III. TARGET POPULATION</b> (e.g., age, developmental status, risk, geographic populations)</p> <p><b>LEVEL IV. ACTION FACTORS / THEORY OF CHANGE</b> (e.g., protective and risk factors, process and policy requirements, program aims)</p> <p><b>LEVEL V. UNIT OF ANALYSIS &amp; INFLUENCE:</b> (e.g., geographic area, program, clinic)</p>	<p><b>STAGE 1:</b> Engage professional experts, families/consumers, and other stakeholders to establish measure and set relevance, evidence, framework and approach.</p> <p><b>STAGE 2:</b> Starting point measurement proposal for stakeholder, cost, and feasibility review.</p> <p><b>STAGE 3:</b> Specify methods options, issues, design field test.</p> <p><b>STAGE 4:</b> Conduct field test, including reporting and communication models.</p> <p><b>STAGE 5:</b> Refine measure(s) specifications for each application and reporting criteria.</p> <p><b>STAGE 6:</b> Document scientific and technical methods, implementation, dissemination, and maintenance requirements.</p>	<p><b>CRITERIA 1:</b> Relevant and meaningful.</p> <p><b>CRITERIA 2:</b> Based on best available evidence.</p> <p><b>CRITERIA 3:</b> Demonstrated validity and reliability based on appropriate methods.</p> <p><b>CRITERIA 4:</b> Actionable policy, program, and/or intervention strategies available or advanced with measurement.</p> <p><b>CRITERIA 5:</b> Feasible data collection and reporting strategies.</p> <p><b>CRITERIA 6:</b> Parsimony and added value.</p> <p><b>CRITERIA 7:</b> Clear requirements for sustaining measure use, maintenance, and improvement over time.</p>	<p><b>MODEL:</b> Use-case specific measure matrix and conceptual logic model and change model.</p> <p><b>MEASURES:</b> Detailed specifications for each use case (design based).</p> <p><b>METHODS:</b> Detailed methods for implementing measurement specification for each population and setting/use case.</p> <p><b>MESSAGES:</b> Data scoring, grading, reporting format, and messages (specific to user/audience and purpose).</p> <p><b>MEANING:</b> Confirm meaning made from measures and adapt methods and messages as required.</p> <p><b>MAINTENANCE:</b> Establish credible and sustainable resources and processes for routine review and to support consideration of measures by researchers, endorsing bodies, and new and exiting users. Learn, publish, and build field capacity to ensure progress.</p>

**FOUNDATIONS:**  
Stakeholder and expert derived  
Design-based and outcomes-based goals, premises, and principles  
Review processes, parameters, and periodicity

Start where you want to end up!