Clinical Quality Measurement

For more than 50 years, Mathematica has leveraged rigorous research methodologies to support federal agencies in answering the most difficult questions about the effectiveness of health programs and policies. We bring the highest standards of quality, objectivity, and excellence to our work on clinical quality measures for federal, state, and commercial clients. These measures are a critical tool for programs that seek to monitor and improve health care.

Our subject matter experts can develop and customize evidence-based measures to suit your business needs and objectives. We develop measures that are evidence-based, expert informed, and thoroughly tested.

Our Services and Capabilities

**Evidence gathering.** The best measures are supported by rigorously designed and adequately powered research and evidence-based guidelines. We carefully review literature and guidelines to ensure measures are based on the strongest published evidence.

**Stakeholder outreach.** Clinical quality measures must meet stakeholders’ expectations. Starting with patients, we obtain actionable feedback designed to catalyze adoption of measures across a range of interested parties including measured entities, payers, and medical specialty societies.

**Specification.** We have experience specifying more than 100 claims-based, registry, and electronic clinical quality measures using nationally recognized standards.

**Testing.** Testing is critical to inform our clients’ understanding of the measures’ feasibility, reliability, and validity. We use a range of techniques and data sources, such as clinical, administrative, and registry data, to vet measures to the highest standards. Testing results are designed to support endorsement decisions by accrediting bodies such as the National Quality Forum.

**Implementation support.** We actively support implementation of measures in federal, state, and local quality programs and initiatives by providing implementation guidance for clinicians, hospitals, and states.

**Maintenance.** Measure maintenance is critical to ensure that the measures reflect current guidance and standards. We maintain dozens of electronic clinical quality measures and claims-based measures reported by clinicians, hospitals, and states.

**Let’s Progress Together.** Contact Andrew Hurwitz, ahurwitz@mathematica-mpr.com or Laura Kovach, lkovach@mathematica-mpr.com for more information about our digital solutions and services.