

The California Maternal Data Center A Tool to Improve Perinatal Performance

The California Maternal Data Center (MDC) is a user-friendly online tool that helps hospitals calculate, report and *improve* perinatal performance, in a way that is low-burden and low cost. Participating hospitals submit patient discharge data—that they already collect—to the MDC’s secure web-based tool, which can automatically generate a wide range of perinatal performance metrics and patient-level drill-down information.

The Benefits

Fingertip Access to Perinatal Quality Metrics and Patient-Level Drill Down Data. Clinical and quality departments have “on-demand” access to perinatal reports via the MDC online tool. The MDC not only enables hospitals to drill down from the overall performance metric to the patient level, it also provides “Measure Analysis” tools for the *Elective Delivery* and *C-Section* measures to help hospitals identify their unique quality improvement opportunities.

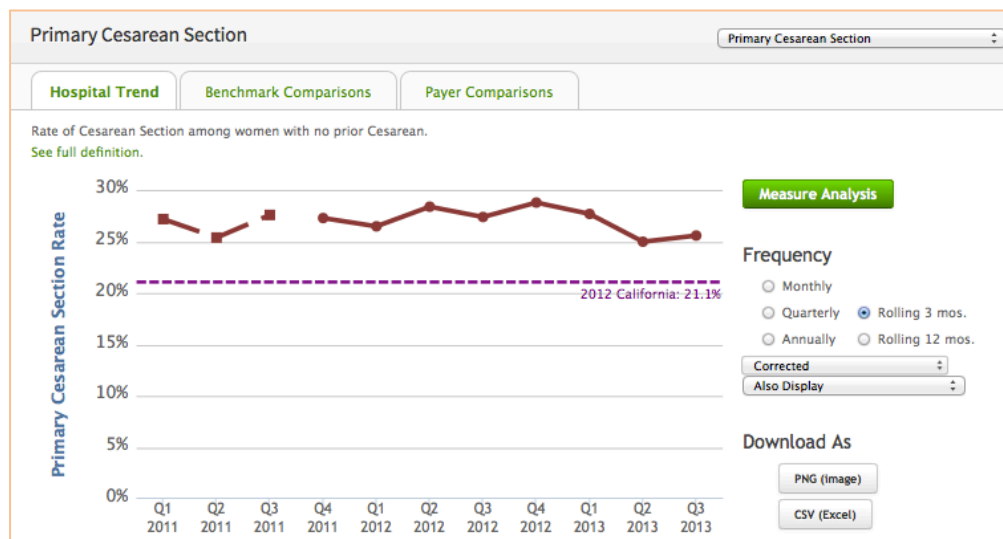
Provider-Level Metrics. Hospitals receive provider-specific rates for 12 clinical quality measures. The provider-level metrics can be used for the Ongoing Physician Practice Evaluation (OPPE) required by the Joint Commission (TJC).

Benchmarking. Hospitals receive detailed benchmarking data to compare your facility to regional, statewide, like-hospital and system averages representing all California hospitals.

Identifying Data Quality Issues that Impact Performance Results. The quality of a hospital’s data can have a substantial impact not only on the Perinatal Care measure set performance, but also on the measures that *CalHospitalCompare* publicly reports on California hospital performance. Hospitals receive data quality metrics to identify hospital-specific coding issues that affect their performance results—prior to that data being reported out.

Facilitated Performance Reporting. MDC can support reporting of perinatal care metrics to CMS, the Leapfrog Group, PRIME, and CCS reports.

Population-Based Metrics. Many hospitals choose to calculate their Perinatal Care measures based on samples of patients to minimize data collection burden. However, sample-based rates can easily skew from quarter to quarter. By combining your hospital discharge data with birth certificate data, MDC calculates the Perinatal Care measures based on the entire population of deliveries and reduces data collection burden. These population-based results are more robust and more meaningful to clinicians.



Data Confidentiality and Security

The MDC tool instantaneously links hospital-uploaded patient discharge data with birth certificate data supplied directly to CMQCC from the California Office of Vital Records. Using state of the art encryption technology, all patient-level data is fully secured. A Participation and Business Associate Agreement defines the legal, security and confidentiality requirements to be implemented by CMQCC. The project has also received Institutional Review Board (IRB) approval from the Committee for the Protection of Human Subjects (CPHS), the state of California's IRB.

Participation Steps

Step 1	Learn more about the MDC Quality Tool Contact CMQCC at datacenter@cmqcc.org to schedule a webinar presentation for your hospital. These one-hour sessions provide an introduction to the MDC tool.
Step 2	Appoint key project contacts for the MDC Upon deciding to participate, contact CMQCC to designate a project administrator and the IT staffer in charge of uploading patient discharge data.
Step 3	Complete the Participation and Business Associate Agreement CMQCC will e-mail you the Participation Agreement, which establishes the rights and responsibilities of the hospital and CMQCC. Ask authorized hospital personnel to review, sign and return the agreement.
Step 4	Determine your membership fee CMQCC will implement membership fees starting in 2017. The fees will include the Maternal Data Center, as well as access to CMQCC Toolkits, QI Support and Collaboratives. Newly-joining hospitals (i.e. joining from 11/15/2016 to 11/15/2017) will receive calendar year 2017 free .
Step 5	Submit data <ul style="list-style-type: none">▪ Upload Patient Discharge Data (PDD) directly to the MDC. CMQCC uses the same specifications as the OSHPD PDD, but recommends monthly or quarterly data submissions so the hospital receives rapid-cycle data back.▪ For the <i>optional</i> perinatal measures, review the small set of records that require chart-based data.
Step 6	Participate in a training session for the MDC Quality Tool CMQCC will schedule a 1.5 hour time to train your team on using the application. After the training, you're set to use the results to target your unique clinical and data quality improvement activities.

Current CMDC Users Say....

This is one of the easiest to use, comprehensive quality improvement tools I have ever seen.

David Lagrew MD, Chief Integration and Accountability Officer, Memorial Care Health System

I absolutely love the richness of this data that we can take to our medical staff and administrative teams to see how well we are doing and where we need to focus on our quality improvement.

Kristi Gabel, Perinatal CNS, Sutter Roseville Medical Center

MDC has helped us improve our 39 week elective deliveries. We went from 22% to 5% by getting accurate data and this team helped us to keep focused. The MDC team is excellent. They are quick to answer your questions in a way you can understand. They have a positive, knowledgeable and action oriented team. I am so happy to be part of this.

Debbie Groth, Director, Maternal and Child Health, El Camino Hospital, Mountain View

My administration is amazed at how fast I am able to provide data, pull together reports, and create a presentation. I feel like I have a secret weapon in the MDC and that I could not do my job as efficiently and completely without it.

Kim Marquardt, RNC-OB, BSN, Perinatal Clinical Data Analyst, Tri-City Medical Center

Learn More

Visit the CMQCC website at www.cmqcc.org to learn more about participating and to see the tool in action, or contact CMQCC at datacenter@cmqcc.org or 650-736-4110.