

California Maternal Data Center

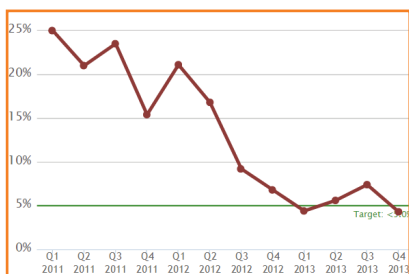


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Maternity care is the highest volume service for most California hospitals, which oversee the births of 500,000 babies every year. Recent trends—including rising rates of maternal morbidity and mortality and increased utilization of the cesarean procedure—suggest a need for enhanced measurement and feedback on the quality of care provided to mothers and newborns.



The California Maternal Data Center (CMDC) generates rapid-cycle metrics on maternity care services. The CMDC's easy-to-use interactive tool makes these metrics directly available to clinicians, healthcare administrators and public health professionals. The result is a comprehensive data system which enables performance measurement tracking, public health research and in-depth support for provider and facility level quality improvement.



Statewide Collaborations

CMQCC's multi-stakeholder partners, including both public- and private-sector organizations, use CMDC data to:

- Track progress in statewide quality improvement initiatives
- Publicly report nationally-endorsed quality metrics
- Implement value-based purchasing initiatives
- Perform public health research
- Inform maternal and child health policies



Hospitals

Over 60 California hospitals use the CMDC tool to:

- Identify quality improvement opportunities--through tools enabling patient-level drill down from the overall measure and detailed measure analysis
- Generate physician-level quality metrics
- Facilitate performance reporting requirements
- Identify data coding issues that impact performance results
- Benchmark against system, regional and statewide averages

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A Tool that Leverages Existing Data Sources

To minimize data collection burden to hospitals, the CMDC has forged partnerships with healthcare organizations and state agencies to use already existing data sets. Data sources include:

- Monthly discharge and clinical data from participating hospitals
- Monthly Birth Certificate data from the California Department of Public Health-Vital Records
- Semi-annual Patient Discharge Data from the California Office of Statewide Health Planning and Development (OSHPD)

The above data are linked automatically within the CMDC tool to generate dozens of hospital- and physician-level metrics, including:

- Early Elective Deliveries
- Cesarean Sections for Low-Risk First Births
- Antenatal Steroids
- Episiotomies
- Severe Maternal Morbidities
- Unexpected Newborn Complications
- Vaginal Births after Cesarean Section (VBACs)

In converting data into actionable metrics and tools for quality improvement, the CMDC serves as a catalyst for transforming maternity care.



The CMDC is operated by the California Maternal Quality Care Collaborative (CMQCC), a multi-stakeholder organization devoted to improving maternal and neonatal outcomes.

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