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## THE OREGON MATERNAL DATA CENTER (OMDC)

*A statewide initiative of Q Corp, the March of Dimes and the Oregon Perinatal Collaborative*

### What Is the Oregon Maternal Data Center?

The Oregon Maternal Data Center (OMDC) is a dynamic web-based tool that helps hospitals calculate, report and *improve* performance in a way that is low-burden and low cost. The OMDC also offers tools to improve maternal administrative data quality for better health care planning. The Oregon Perinatal Collaborative Data Subcommittee has guided the development of the OMDC throughout 2013-2014.

### Why Build a Data Center in Oregon?

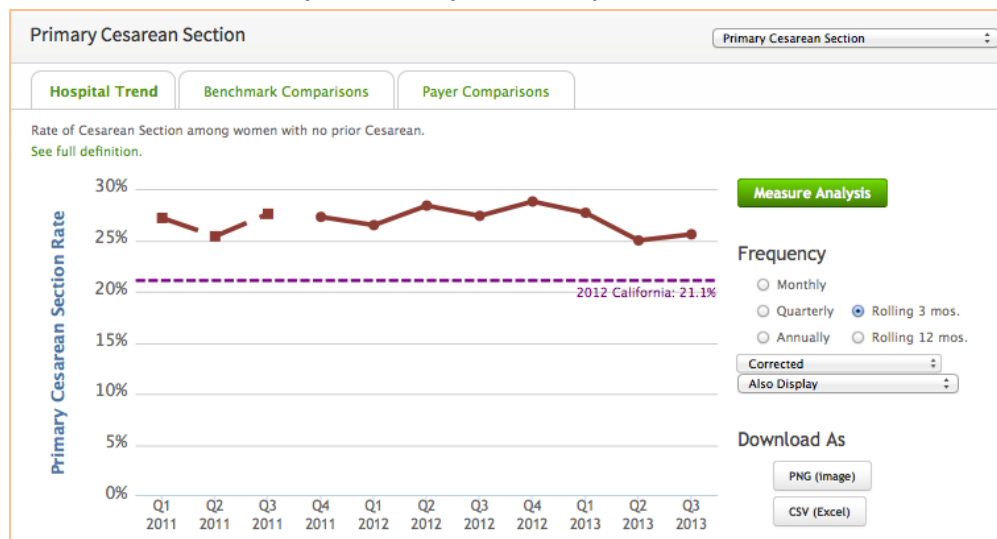
Maternity care is a key driver of health care costs, and research shows evidence of serious quality deficits:

- ***Childbirth is the 4<sup>th</sup> most expensive inpatient condition, with a total cost of \$12.4 billion in 2011*** (AHRQ 2013, Nationwide, all-payer data).
- ***In Oregon, Pregnancy, with delivery was the #1 cost driver*** for both Medicaid and across all commercial payers (Oregon 2011 APAC data).
- ***In Oregon, C-sections increased approximately 65 percent from 1996-2007 and continued to increase until 2009***, leveling off at 30 percent thereafter (CHQPR 2013), well-above the target of 15 percent that experts worldwide agree is an appropriate rate (WHO).
- ***Tremendous variation exists in Oregon C-section rates***, ranging from a low of 12.5 percent to a high of over 43 percent in Oregon birthing hospitals (Oregon Birth Data 2013).
- ***Recent national data show that rates of major obstetrical complications vary by almost fivefold among US hospitals*** (Health Affairs, August 2014).
- ***In Oregon, there is little timely, actionable data available for providers, hospital administrators and other stakeholders*** to address these quality and costs concerns.

### How Is the OMDC Built?

The OMDC is built off the California Maternal Data Center (CMDc) designed by Dr. Elliott Main and colleagues of the California Maternal Quality Care Collaborative (CMQCC), housed at Stanford University. With support from the Centers for Disease Control and Prevention and the California HealthCare Foundation, the CMDc is designed to facilitate hospital quality improvement activities and service-line management in a way that is low burden, low cost and high value for participants. A sample screen shot from CMDc is provided below. For more information and to see a demo of the CMDc please visit: [https://cmqcc.org/california\\_maternal\\_data\\_center\\_cmdc](https://cmqcc.org/california_maternal_data_center_cmdc)

Screen Shot from the MDC for the Primary Cesarean Section Rate



### What Information Does the OMDC Provide?

*The OMDC provides timely, secure, password-protected private reporting back to hospitals* and any agencies/organizations submitting data. Utilizing an automated program that instantaneously links hospital-uploaded patient discharge data with birth certificate data, the OMDC generates:

- **Fingertip, on-demand access to over 30 perinatal performance measures** (e.g., Joint Commission, Leapfrog, AMA-PCPI), **utilization statistics** (e.g., birth weight, LOS, hypertension rates), and **demographic information** (e.g., race-ethnicity, maternal age, payer mix).
- **Patient-level drill-down data** to support hospital QI efforts to improve Early Elective Delivery, C-section, Healthy Term Newborn, and other rates.
- **Provider-level rates** for 11 different measures which can be used for the Ongoing Physician Practice Evaluation (OPPE) standard required by the Joint Commission (TJC).
- **Data quality metrics and automated checks** to help educate coders and birth clerks and ensure the accuracy of the legal medical record.
- **Benchmark data** to facilitate other like-hospital, regional and statewide comparisons.
- **Full population measures reporting to serve as a valuable cross-check** on sample-based measures calculated via core measure vendor systems.

Currently, the OMDC measures focus on inpatient care; future versions will include outpatient measures of interest to a broader set of maternity providers (e.g., clinicians, health plans, CCOs) and other stakeholders (e.g., purchasers, consumers).

### When will the OMDC be available?

The OMDC will launch a pilot phase effort in Q1 2015, targeted, but not limited to, Portland-metro hospitals. Phase 1 & Phase 2 efforts will include additional hospitals, maternity clinics and outpatient measures. Q Corp and the March of Dimes are the lead sponsors for the OMDC. Hospital user fees will also fund the OMDC. Additional sponsorship and support are under development. For questions, additional information, and to become involved in the OMDC, please contact Q Corp.