

## Maternal Data Center (MDC) Measure List May 2023

Most *Maternal Data Center (MDC)* measures are “auto-calculated” based on the MDC’s automated linkage of two core data sets: Patient Discharge Data (PDD) and Birth Certificate data. Some measures require *supplemental* clinical data that are OPTIONAL for MDC participating hospitals. All measures are calculated at each of the following levels: hospital, system, nursery, delivery volume category, county, region, and state to support benchmarking. Several measures are also calculated at the individual provider level<sup>2</sup> or are stratified by relevant sub-groups to support identification of QI opportunities<sup>3</sup>.

Clinical Quality Measures Auto-Calculated	Clinical Quality Measures Requiring Supplemental Data <sup>1</sup>
3rd/4th Laceration-All Vaginal Deliveries (AHRQ PSI 18 & 19) <sup>2</sup>	Anemia on Admission
Birth Trauma - Injury to Neonate (AHRQ PSI 17)	Antenatal Steroids (PC-03)
Cesarean Birth: Nulliparous, Term, Singleton, Vertex (PC-02, LF) <sup>2,3</sup>	Early Elective Delivery (PC-01, CMS IQR, LF) <sup>2,3</sup>
Cesarean Birth: Term, Singleton, Vertex (AHRQ IQI 21)	CCHD – Pulse Oximetry Screening (CCS)
Cesarean Birth: Overall <sup>2</sup>	DVT Prophylaxis in Women Undergoing C-Section (LF)
Cesarean Birth: Primary <sup>2</sup>	Exclusive Breast Milk Feeding (PC-05)
Cesarean Birth: Primary, Term, Singleton, Vertex (AHRQ IQI 33)	Modified Exclusive Breast Milk Feeding <sup>3</sup>
Cesareans After Labor Induction (Multip vs. Nullip) <sup>2,3</sup>	Any Breast Milk Feeding <sup>3</sup>
Cesareans after Forceps or Vacuum Use	Breastfeeding in First Hour of Life <sup>3</sup>
Chorioamnionitis among Maternal Cases, among Newborn Cases	Skin-to-Skin at Delivery
COVID-19 Positivity among Maternal Cases	Donor Milk Feeding
Episiotomy Rate (NQF, LF) <sup>2</sup>	ICU Admissions
Induction Rate <sup>2</sup>	Newborn Bilirubin Screening Prior to Discharge (LF)
Operative Vaginal Delivery Rate <sup>2</sup>	NICU Admission among Inborns
Severe Maternal Morbidity: Overall and Excluding Transfusions (CDC) <sup>3</sup>	Hemorrhage: Risk Assessment on Admission
Severe Maternal Morbidity Among Hemorrhage Cases (Inc. and Excl. Transfusions)	Preeclampsia: ICU Admission Rate and ICU Days per 100 Cases
Severe Maternal Morbidity Among Preeclampsia Cases (Inc. and Excl. Transfusions)	Quantified Blood Loss (Cumulative Value and Performed Y/N)
Unexpected Newborn Complications (PC-06) (Overall, Moderate & Severe) <sup>3</sup>	Severe Maternal Morbidity Case Reviews <sup>3</sup>
Vaginal Birth After Cesarean (VBAC), (AHRQ IQI 22) <sup>2</sup>	Severe Obstetric Complications (PC-07): CAM Proxy
VLBW (<1500g) NOT delivered at a Level III NICU (NQF)	Timely Treatment for Severe HTN (AIM)
	Transfusions: RBC, All, Massive
	Transfusions Excluding Accreta Cases: RBC, All, Massive

<sup>1</sup>Measures requiring supplemental data will not have robust state or regional-level comparison benchmarks (as not all MDC hospitals submit the supplemental data)

<sup>2</sup>Provider-Level Metrics Available

<sup>3</sup>MDC auto-calculates additional stratifications and/or applies risk adjustment to support identification of QI opportunities

Statistics – All Auto-Calculated	
Total Birth Count	Diabetes
Total Deliveries	Fetal Presentation
<2500g Rate (NQF 1382)	Hemorrhage
5 Minute APGAR <7	Hypertension
Maternal Age Distributions	PROM
Payer Category Distributions	Shoulder Dystocia
Pre-Pregnancy BMI	Stillbirth
Race-Ethnicity Distributions	Newborn Drug Withdrawal and Exposure
Outcome of Delivery	Late Preterm Birth Rate
Method of Delivery	Total Preterm Birth Rate
Birth Weight Distributions	Total Length of Stay – Vaginal & Cesarean
Gestational Age Distributions (Overall, Twins)	Postpartum Length of Stay – Vaginal & Cesarean
Multiple Gestation	Vaginal Deliveries with Postpartum LOS ≥4 Days
Number of Prior Live Births	CS Deliveries with Postpartum LOS ≥6 day
Prenatal Care: Month Prenatal Care Began	Certified Nurse Midwives (CNM) Delivery Rate
Prenatal Care: Number of Prenatal Visits	Transfer from Non-Hospital Birth Setting

**Acronyms**

PC: Joint Commission Perinatal Care Measure Set

CMS IQR: CMS Inpatient Quality Reporting Program

AHRQ PSI: Agency for HealthCare Research and Quality Patient Safety Indicator

LF: Leapfrog Group

NQF: National Quality Forum