

Maternal Data Center (MDC) Measure List September 2021

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 (CA). 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, county, region, and state. * Several measures are also calculated at the individual provider level, as indicated below.

Clinical Quality Measures Auto-Calculated	Clinical Quality Measures Requiring Supplemental Data*
3rd/4th Laceration-All Vaginal Deliveries (AHRQ PSI 18 & 19)**	Antenatal Steroids (PC-03, LF)
Birth Trauma - Injury to Neonate (AHRQ PSI 17)	Early Elective Delivery (PC-01, CMS IQR, LF)**
Cesarean Birth: Nulliparous, Term, Singleton, Vertex (PC-02, LF)** (Age/BMI Adj)	CCHD – Pulse Oximetry Screening (CCS)
Cesarean Birth: Term, Singleton, Vertex (AHRQ IQI 21)	DVT Prophylaxis in Women Undergoing C-Section (LF)
Cesarean Birth: Overall**	Exclusive Breast Milk Feeding (PC-05)
Cesarean Birth: Primary**	Modified Exclusive Breast Milk Feeding
Cesarean Birth: Primary, Term, Singleton, Vertex (AHRQ IQI 33)	Any Breast Milk Feeding
Cesarean Birth: SMFM Low-Risk	Breastfeeding in First Hour of Life
Cesareans After Labor Induction (Multip vs. Nullip)**	Skin-to-Skin at Delivery
Cesareans after Forceps or Vacuum Use	Donor Milk Feeding
Chorioamnionitis among Maternal Cases, among Newborn Cases	ICU Admissions
COVID-19 Positivity among Maternal Cases	Newborn Bilirubin Screening Prior to Discharge (LF)
Episiotomy Rate (NQF, LF)**	Newborn Bloodstream Infection (PC-04)
Induction Rate**	NICU Admission among Inborns
Operative Vaginal Delivery Rate**	Hemorrhage: Risk Assessment on Admission
Severe Maternal Morbidity: Overall and Excluding Transfusions (CDC) (Risk-Adj)	Preeclampsia: ICU Admission Rate and ICU Days per 100 Cases
Severe Maternal Morbidity Among Hemorrhage Cases (Overall and Excl. Transfusions)	Quantified Blood Loss
Severe Maternal Morbidity Among Preeclampsia Cases (Overall and Excl. Transfusions)	Severe Maternal Morbidity Case Reviews
Unexpected Newborn Complications (PC-06) (Overall, Moderate & Severe)	Timely Treatment for Severe HTN
Vaginal Birth After Cesarean (VBAC), (AHRQ IQI 34 and IQI 22)**	Transfusions: RBC, All, Massive
VLBW (<1500g) NOT delivered at a Level III NICU (NQF)	Transfusions Excluding Accreta Cases: RBC, All, Massive

*Measures requiring supplemental data will not have robust state or regional-level comparison benchmarks (as not all MDC hospitals submit the supplemental data)

**Provider-Level Metrics Available

Statistics – All Auto-Calculated	
Total Live Births	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

LF: Leapfrog Group

CMS IQR: CMS Inpatient Quality Reporting Program

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

AHRQ IQI: Agency for HealthCare Research and Quality Inpatient Quality Indicator

NQF: National Quality Forum