

Maternal Data Center (MDC) Measure List April 2020

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) or Core Clinical Files (WA & OR). 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 Section - Nulliparous, Term, Singleton, Vertex (PC-02, LF)** (Age/BMI Adj)	CCHD – Pulse Oximetry Screening (CCS)
Cesarean Section - Term, Singleton, Vertex (AHRQ IQI 21)	DVT Prophylaxis in Women Undergoing C-Section (LF)
Cesarean Rate – Overall**	Exclusive Breast Milk Feeding (PC-05)
Cesarean Section – Primary**	ICU Admissions
Cesarean Birth: Primary, Term, Singleton, Vertex (AHRQ IQI 33)	Newborn Bilirubin Screening Prior to Discharge (LF)
Cesarean Birth: SMFM Low-Risk	Newborn Bloodstream Infection (PC-04)
Cesareans After Induction (Multip vs. Nullip)**	NICU Admission among Inborns
Chorioamnionitis among Maternal Cases	OB-Hemorrhage Risk Assessment on Admission
Episiotomy Rate (NQF, LF)**	Preeclampsia: ICU Admission Rate and Days per 100
Induction Rate**	Timely Treatment for Severe HTN
OB-Hemorrhage: Transfusions	Transfusions: RBC, All, Massive
Operative Vaginal Delivery Rate**	
Severe Maternal Morbidity: Overall and among Hemorrhage and Pre-eclampsia (CDC)	
Unexpected Newborn Complications (NQF) (Moderate & Severe)	
Vaginal Birth After Cesarean (VBAC), (AHRQ IQI 34 and IQI 22)**	
VLBW (<1500g) NOT delivered at a Level III NICU (NQF)	

****Provider-Level Metrics Available**

Statistics – All Auto-Calculated	
Total Live Births	Diabetes
Total Deliveries	Fetal Presentation
<2500g Rate	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	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