National Perinatal Quality Improvement Measure Definitions and Technical Specification Resources

(January 2016)

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National Quality Forum (NQF)

Perinatal and Reproductive Health Measures

NQF Measure ID, Titles and Measure Stewards

Pregnancy Care

- 0476: PC-03 Antenatal Steroids (Joint Commission)
- 0652: RH Immunoglobulin (rhogam) for RH negative pregnant women at risk of fetal blood exposure (American College of Emergency Physicians)
- 1391: Frequency of Ongoing Prenatal Care (FPC) (NCQA)
- 1517: Prenatal and Postpartum Care (NCQA)

Childbirth

- 0469: PC-01 Elective Delivery (Joint Commission)
- 0470: Incidence of Episiotomy (Christiana Care Health System)
- 0471: PC-02 Cesarean Section (Joint Commission)
- 0472: Appropriate Prophylactic Antibiotic Received Within One Hour Prior to Surgical Incision– Cesarean Section (Massachusetts General Hospital/Partners Health Care System)
- 0473: Appropriate DVT Prophylaxis in Women Undergoing Cesarean Delivery (Hospital Corporation of America)
- 1746: Intrapartum Antibiotic Prophylaxis for Group B Streptococcus (GBS) (Massachusetts General Hospital)
- 0477: Under 1500g infant Not Delivered at Appropriate Level of Care (California Maternal Quality Care Collaborative)

Newborn Care

- 0475: Hepatitis B Vaccine Coverage Among All Live Newborn Infants Prior to Hospital or Birthing Facility Discharge (Centers for Disease Control and Prevention)
- 0304: Late Sepsis or Meningitis in Very Low Birth Weight (VLBW) Neonates (risk-adjusted) (Vermont Oxford Network)
- 0478: Neonatal Blood Stream Infection Rate (NQI #3) (Agency for Healthcare Research and Quality)
- 1731: Health Care-Associated Bloodstream Infections in Newborns (Joint Commission)
- 0304: Late Sepsis or Meningitis in Very Low Birth Weight (VLBW) Neonates (risk-adjusted) (Vermont Oxford Network)
- 0480: PC-05 Exclusive Breast Milk Feeding (Joint Commission)
- 0716: Healthy term newborn (AKA without Unexpected Newborn Complications) (California Maternal Quality Care Collaborative)
- 0483: Proportion of Infants 22 to 29 Weeks Gestation Screened for Retinopathy of Prematurity (Vermont Oxford Network)
- 1351: Proportion of infants covered by Newborn Bloodspot Screening (NBS) (HRSA-MCHB)
- 0714: Standardized mortality ratio for neonates undergoing non-cardiac surgery (Children's Hospital Boston – Program for Patient Safety and Quality
- 1354: Hearing screening prior to hospital discharge (EHDI-1a) (CDC)

Reproductive Health

- 0651: Ultrasound determination of pregnancy location for pregnant patients with abdominal pain (American College of Emergency Physicians)

Link for all NQF Measure Definitions: www.qualityforum.org/QPS/

Note: ICD 10 definitions will be available March-April 2016 for the NQF Measure Maintenance Review Process, Final Maintenance Endorsements and revisions will be posted by January 2017

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Agency for Healthcare Research and Quality (AHRQ)

Measure ID and Titles

Patient Safety Indicators (PSIs)

- PSI 17: Birth Trauma Rate – Injury to Neonate
- PSI 18: Obstetric Trauma Rate (3rd and 4th degree lacerations) Vaginal Delivery with Instrument
- PSI 19: Obstetric Trauma Rate (3rd and 4th degree lacerations) Vaginal Delivery without Instrument)

Inpatient Quality Indicators (IQIs)

- IQI 21: Cesarean Delivery Rate, Uncomplicated (Excludes abnormal presentation, preterm, fetal death)
- QI 33: Primary Cesarean Delivery Rate, Uncomplicated (Excludes abnormal presentation, preterm, fetal death, multiple gestation, previous Cesarean delivery)
- IQI 22: Vaginal Birth After Cesarean (VBAC) Delivery Rate, Uncomplicated (Excludes abnormal presentation, preterm, fetal death, multiple gestation)
- IQI 34: Vaginal Birth After Cesarean (VBAC) Delivery Rate, All (No exclusions)

Links for AHRQ Measure Definitions:

Patient Safety Indicators (PSIs)

http://www.qualityindicators.ahrq.gov/Modules/PSI_TechSpec_ICD10.aspx (ICD 10 definitions are also available for discharges from October 1, 2015 forward)

Inpatient Quality Indicators (IQIs)

http://www.qualityindicators.ahrq.gov/modules/iqi_resources.aspx (ICD 10 definitions are also available for discharges from October 1, 2015 forward)

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Joint Commission (JC)

Measure ID and Titles

- PC-01: Early Elective Delivery 37 to less than 39 weeks gestation
- PC-02: Nulliparous Term Singleton Vertex (NTSV) Cesarean Delivery Rate
- PC-03: Antenatal Steroid Administration for gestational age less than 34 weeks
- PC-04: Healthcare Associated Bloodstream Infections in Newborns
- PC-05: Exclusive Breast Milk feeding during hospital stay

Link for Joint Commission Perinatal Care Measure Definitions:

https://manual.jointcommission.org/Manual/WebHome (ICD 10 definitions are also available for discharges from October 1, 2015 forward)

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Leapfrog Annual Survey

Measure ID and Titles (2015 Survey)

Maternity Care

- Maternity Care Volume Standard: Volume of live births
- 4A: Early Elective Deliveries 37 to less than 39 weeks gestational age
- 4B: NTSV Cesarean Section rate (Nulliparous Term Singleton Vertex)
- 4C: Episiotomy Rate for vaginal deliveries
- 4D.a: Rate of newborn Bilirubin Screening prior to discharge (Process Measure)
- 4D.b: Rate of DVT prophylaxis for Cesarean deliveries (Process Measure)

High-Risk Deliveries

- 4E.a: High Risk Volume Measure: Number of NICU admissions for Very-low birth weight babies <= 1500 grams at birth

- 4E.b: High Risk Process Measure: Rate of Antenatal Steroid administration for preterm deliveries

Link for Leapfrog Survey Maternity and High Risk Care Measure Definitions: https://leapfroghospitalsurvey.org/ (ICD 10 definitions will be available for discharges from October 1, 2015 forward by April 2016) when Leapfrog releases the 2016 survey information

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Washington State Hospital Association (WSHA) Safe Deliveries Roadmap

Outcome Measures

- 1: Nulliparous Term Singleton Vertex (NTSV) Cesarean Delivery Rate
- 2: Primary Term Singleton Vertex (TSV) Cesarean Delivery Rate
- 3a: Cesarean Delivery Rate for Term Inductions of Labor in Nulliparous women (>=39 weeks gestation)
- 3b: Cesarean Delivery Rate for Term Inductions of Labor in Multiparous women (>= 39 weeks gestation)
- 4a: Number of maternal admissions to ICU per deliveries (>= 20 weeks gestation)
- 5: Rate of delivering women who received a blood transfusion (>= 20 weeks gestation)
- 6a: Rate of women with length of stay equal to or greater than 4 days who delivered vaginally (>= 20 weeks gestation)
- 6b: Rate of women with length of stay equal to or greater than 6 days who delivered by cesarean (>= 20 weeks gestation)
- 7: Rate of operative delivery per total vaginal deliveries
- 8: Unexpected Newborn Complications per term live births without congenital anomalies, placental conditions or exposure to maternal drug use (Total, Severe and Moderate)
- 9a: Rate of ICU admission for delivering women with a diagnosis of preeclampsia
- 9c: Rate of severe maternal morbidity for delivering women with a diagnosis of preeclampsia

URL for WSHA Safe Deliveries Roadmap measures:

http://www.wsha.org/wp-content/uploads/Outcomes-measure-definition-specs-with-ICD-10-codes-FINAL-12-23-15.docx

(ICD 10 definitions for discharges from October 1, 2015 forward)

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AIM (Alliance for Innovation on Maternal Health)

Coming Soon---

Severe Maternal Morbidity Outcome Metric Definitions

(with ICD-10 code definitions)

- Severe Maternal Morbidity
- Severe Maternal Morbidity excluding transfusions
- Severe Maternal Morbidity among Hemorrhage Cases
- Severe Maternal Morbidity among Preeclampsia Cases