





Sample Calculation (a rate per 1000 livebirths)

Performance Rate = $\frac{\text{Numerator } (a = 10 \text{ patients})}{\text{Denominator } (b=1000 \text{ patients}) - \text{Denominator Exclusions } (c=10 \text{ patients})} * 1000 = 10.1 \text{ per thousand livebirths}$

Stratification 1 = $\frac{\text{Numerator } (a1 = 3 \text{ patients})}{\text{Denominator } (b=1000 \text{ patients}) - \text{Denominator Exclusions } (c=10 \text{ patients})} * 1000 = 3.0 \text{ per thousand livebirths}$

Stratification 2 = $\frac{\text{Numerator } (a2 = 7 \text{ patients})}{\text{Denominator } (b=1000 \text{ patients}) - \text{Denominator Exclusions } (c=10 \text{ patients})} * 1000 = 7.1 \text{ per thousand livebirths}$

Measure Flow Narrative

Measure Description

This measure assesses the unexpected complications among full term newborns with no preexisting conditions

Initial Population

Inpatient hospitalizations for single live term newborns who were born in the hospital with a discharge date during the measurement period and with either of the following conditions:

- Gestational age at birth of ≥ 37 weeks
- Birth weight ≥ 3000 grams without gestational age at birth

Denominator

The Denominator is the same as the initial population

Denominator Exclusions

The denominator exclusions criteria identify a subset of the denominator population by excluding inpatient hospitalizations for newborns who were born with congenital malformations and genetic diseases, pre-existing fetal conditions, or maternal drug use exposure in-utero

Numerator

The numerator criteria identify a subset of the denominator population (that did not meet the denominator exclusions criteria) by including inpatient hospitalizations for newborns with severe or moderate complications

Severe Complications as any of the following conditions:

- Discharge status of patient expired
- Discharged to an acute care facility (ACF) or other health care facility (HCF) with severe complications or without any complications
- Severe morbidities diagnoses, including:
 - Neonatal Severe birth trauma
 - Neonatal Severe hypoxia asphyxia
 - Neonatal Severe shock and resuscitation
 - Neonatal severe respiratory complications
 - Neonatal severe infection
 - Neonatal severe neurological complications
- Severe morbidities procedures, including:
 - Neonatal Severe shock and resuscitation procedures
 - Neonatal severe respiratory procedures
 - Neonatal severe neurological procedures
- Severe septicemia with length of stay more than 4 days or discharged to an ACF or other HCF

Moderate Complications as any of the following conditions:

- Moderate complications diagnoses, including:
 - Neonatal Moderate birth trauma
 - Neonatal Moderate respiratory complications
- Moderate complications procedures, including:
 - Neonatal Moderate respiratory complications procedures
- Vaginal delivery with length of stay more than 2 days OR cesarean birth with length of stay more than 4 days, who have any of the following moderate length of stay complications:
 - Moderate complications diagnoses, including:
 - Neonatal Moderate Birth Trauma
 - Neonatal Moderate Respiratory complications
 - Neonatal Moderate Infection
 - Moderate complications procedures, including:
 - Neonatal Moderate neurological complications procedures
 - Neonatal Moderate respiratory complications procedures
- Discharged to an ACF or other HCF, who have any moderate length of stay complications
- Length of stay more than 5 days without jaundice and social indications