

Neonatal Mortality Rate

Technical Specifications

Neonatal Quality Indicators #2 (NQI #2)

AHRQ Quality Indicators™, Version 5.0

March 2015

Provider-Level Indicator

Type of Score: Rate

Description

In-hospital deaths per 1,000 neonates. Excludes newborns weighing less than 500 grams; cases with anencephaly, polycystic kidney, trisomy 13 or trisomy 18; and transfers to an acute care facility.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report in-hospital deaths per 1,000 hospital discharges.]

Numerator

Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

Denominator

All newborn and outborn discharges.

Exclude cases:

- with any-listed ICD-9-CM diagnosis codes for anencephaly, polycystic kidney, trisomy 13, or trisomy 18
- with birth weight less than 500 grams (Birth Weight Category 1)
- transferring to another short-term hospital (DISP=2)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing)

See *Pediatric Quality Indicators Appendices*:

- Appendix I – Definitions of Neonate, Newborn, Normal Newborn, and Outborn
- Appendix L – Low Birth Weight Categories

ICD-9-CM Anencephaly, polycystic kidney, trisomy 13, and trisomy 18 diagnosis codes:

7400	ANENCEPHALUS	7402	ANENCEPHALY
7401	CRANIORACHISCHISIS	75314	POLYCYST KID-AUTOSOM REC
7581	PATAU'S SYNDROME (Trisomy 13)	7582	EDWARDS' SYNDROME (Trisomy 18)

