

# Neonatal Mortality Rate Technical Specifications

## Neonatal Quality Indicators #2 (NQI #2) AHRQ Quality Indicators™, Version 4.5, May 2013 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 another hospital.

*[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	INIENCEPHALY
7401	CRANIORACHISCHISIS	75313	POLYCYST KID-AUTOSOM DOM

7581 PATAU'S SYNDROME

7582 EDWARDS' SYNDROME