Neonatal Quality Indicator 02 (NQI 02) Neonatal Mortality Rate

July 2016
Provider-Level Indicator
Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

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www.qualityindicators.ahrq.gov

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.

NUMERATOR EXCLUSIONS

Not Applicable

DENOMINATOR

All newborn and outborn discharges.

DENOMINATOR EXCLUSIONS

Exclude cases:

• with any-listed ICD-10-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)

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

Anencephaly, polycystic kidney, trisomy 13, and trisomy 18 diagnosis codes: (NEOMTDX)

Q000	Anencephaly	Q912	Trisomy 18, translocation
Q001	Craniorachischisis	Q913	Trisomy 18, unspecified
Q002	Iniencephaly	Q914	Trisomy 13, nonmosaicism (meiotic nondisjunction)
Q6111	Cystic dilatation of collecting ducts	Q915	Trisomy 13, mosaicism (mitotic nondisjunction)
Q6119	Other polycystic kidney, infantile type	Q916	Trisomy 13, translocation
Q910	Trisomy 18, nonmosaicism (meiotic nondisjunction)	Q917	Trisomy 13, unspecified
Q911	Trisomy 18, mosaicism (mitotic nondisjunction)		