



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

Neonatal Quality Indicators #2 (NQI #2)
Neonatal Mortality Rate

**October 2015
Provider-Level Indicator
Type of Score: Rate**

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NQI #2 Neonatal Mortality Rate

DESCRIPTION

In-hospital deaths per 1,000 neonates. Excludes newborns weighing less than 500 grams; cases with anencephaly, polysystic 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.]

NQI #2 Neonatal Mortality Rate

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

NQI #2 Neonatal Mortality Rate

NUMERATOR EXCLUSIONS
<i>Not Applicable</i>

NQI #2 Neonatal Mortality Rate

DENOMINATOR
All newborn and outborn discharges.

NQI #2 Neonatal Mortality Rate

DENOMINATOR EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-CM or 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)

ICD-9-CM	Description	ICD-10-CM	Description
7400	ANENCEPHALUS	Q000	Anencephaly
7401	CRANIORACHISCHISIS	Q001	Craniorachischisis
7581	PATAU'S SYNDROME	Q002	Iniencephaly
7402	INIENCEPHALY	Q6111	Cystic dilatation of collecting ducts
75314	POLYCYST KID-AUTOSOM REC	Q6119	Other polycystic kidney, infantile type
7582	EDWARDS' SYNDROME	Q910	Trisomy 18, nonmosaicism (meiotic nondisjunction)
		Q911	Trisomy 18, mosaicism (mitotic nondisjunction)
		Q912	Trisomy 18, translocation
		Q913	Trisomy 18, unspecified
		Q914	Trisomy 13, nonmosaicism (meiotic nondisjunction)
		Q915	Trisomy 13, mosaicism (mitotic nondisjunction)
		Q916	Trisomy 13, translocation
		Q917	Trisomy 13, unspecified