

Neonatal Mortality Rate

Neonatal Quality Indicators #2

Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicators, Version 4.3, August 2011

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

Numerator

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

Denominator

All newborn and outborn discharges.

See *Pediatric Quality Indicators Appendices*:

- Appendix I – Definitions of Neonate, Newborn, Normal Newborn, and Outborn

Exclude cases:

- With any diagnosis of anencephaly, polycystic kidney, trisomy 13, or trisomy 18
- Neonates with birth weight less than 500 grams (Birth Weight Category 1)
- 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 L – Low Birth Weight Categories

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

7400	ANENCEPHALUS	75313	POLYCYSTIC RENAL DISEASE
7401	CRANIORACHISCHISIS	7581	TRISOMY 13
7402	ANENCEPHALY	7582	TRISOMY 18