Acute Stroke Mortality Rate

Inpatient Quality Indicators #17
Technical Specifications
Provider-Level Indicator
Medical Condition Mortality 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 discharges, age 18 years and older, with a principal diagnosis code for stroke.

ICD-9-CM Stroke diagnosis codes:

430   SUBARACHNOID HEMORRHAGE
431   INTRACEREBRAL HEMORRHAGE
4320  NONTRAUM EXTRADURAL HEM
4321  SUBDURAL HEMORRHAGE
4329  INTRACRANIAL HEMORR NOS
43301 BASI ART OCCL W/ INFRACT
43311 CAROTD OCCL W/ INFRACT
43321 VERTB ART OCCL W/ INFRACT
43331 MULT PRECER OCCL W/ INFRACT
43381 PRECER OCCL NEC W/ INFRACT
43391 PRECER OCCL NOS W/ INFRACT
43401 CERE THROMBOSIS W/ INFRACT
43411 CERE EMBOLISM W/ INFRACT
43491 CEREB OCCL NOS W/ INFRACT
436   CVA*

*Only for discharges before September 30, 2004 (FY2004). Does not apply to discharges on or after October 1, 2004 (FY2005).

Exclude cases:

- transferring to another short-term hospital (DISP=2)
- MDC 14 (pregnancy, childbirth, and puerperium)
• with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)