

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

*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)