

Pneumonia Mortality Rate

Inpatient Quality Indicators #20

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 pneumonia.

ICD-9-CM Pneumonia diagnosis codes:

00322	SALMONELLA PNEUMONIA	4800	ADENOVIRAL PNEUMONIA
0212	PULMONARY TULAREMIA	4801	RESP SYNCYT VIRAL PNEUM
0391	PULMONARY ACTINOMYCOSIS	4802	PARINFLUENZA VIRAL PNEUM
0521	VARICELLA PNEUMONITIS	4803	PNEUMONIA DUE TO SARS (OCT03)
0551	POSTMEASLES PNEUMONIA	4808	VIRAL PNEUMONIA NEC
0730	ORNITHOSIS PNEUMONIA	4809	VIRAL PNEUMONIA NOS
1124	CANDIDIASIS OF LUNG	481	PNEUMOCOCCAL PNEUMONIA
1140	PRIMARY COCCIDIOIDOMYCOS	4820	K. PNEUMONIAE PNEUMONIA
1144	CHRONIC PULMONOCOCCIDIOIDOMYCOSIS	4821	PSEUDOMONAL PNEUMONIA
1145	UNSPEC PULMON COCCIDIOIDOMYCOSIS	4822	H.INFLUENZAE PNEUMONIA
11505	HISTOPLASM CAPS PNEUMON	4824	STAPHYLOCOCCAL PNEUMONIA
11515	HISTOPLASM DUB PNEUMONIA	4831	CHLAMYDIA PNEUMONIA (OCT96)
11595	HISTOPLASMOSIS PNEUMONIA	4838	OTH SPEC ORG PNEUMONIA
1304	TOXOPLASMA PNEUMONITIS	4841	PNEUM W CYTOMEG INCL DIS
1363	PNEUMOCYSTOSIS	4829	BACTERIAL PNEUMONIA NOS
		4830	MYCOPLASMA PNEUMONIA
		4843	PNEUMONIA IN WHOOP COUGH

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4845	PNEUMONIA IN ANTHRAX	48241	METHICILLIN SUSCEPTIBLE PNEUMONIA DUE TO STAPHYLOCOCCUS AUREUS (OCT08)
4846	PNEUM IN ASPERGILLOSIS		
4847	PNEUM IN OTH SYS MYCOSES		
4848	PNEUM IN INFECT DIS NEC	48242	METHICILLIN RESISTANT PNEUMONIA DUE TO STAPHYLOCOCCUS AUREUS (OCT08)
485	BRONCOPNEUMONIA ORG NOS		
486	PNEUMONIA, ORGANISM NOS		
48230	STREP PNEUMONIA UNSPEC	48249	STAPH PNEUMON OTH (OCT98)
48231	GRP A STREP PNEUMONIA	48281	ANAEROBIC PNEUMONIA
48232	GRP B STREP PNEUMONIA	48282	E COLI PNEUMONIA
48239	OTH STREP PNEUMONIA	48283	OTH GRAM NEG PNEUMONIA
48240	STAPH PNEUMONIA UNSP (OCT98)	48284	LEGIONNAIRES DX (OCT97)
		48289	BACT PNEUMONIA NEC
		4870	INFLUENZA WITH PNEUMONIA

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)