



# **Inpatient Quality Indicator 20 (IQI 20) Pneumonia Mortality Rate**

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**Provider-Level Indicator**

**Type of Score: Rate**

**Prepared by:**

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

[www.qualityindicators.ahrq.gov](http://www.qualityindicators.ahrq.gov)

## **DESCRIPTION**

In-hospital deaths per 1,000 hospital discharges with pneumonia as a principal diagnosis for patients ages 18 years and older. Excludes obstetric discharges 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.]*

**NUMERATOR**

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

**DENOMINATOR**

Discharges, for patients ages 18 years and older, with a principal ICD-9-CM diagnosis code for pneumonia.

***Pneumonia diagnosis codes: (MTPNEUD)***

00322	SALMONELLA PNEUMONIA	48239	OTH STREP PNEUMONIA
0212	PULMONARY TULAREMIA	4824	STAPHYLOCOCCAL PNEUMONIA
0391	PULMONARY ACTINOMYCOSIS	48240	STAPH PNEUMONIA UNSP
0521	VARICELLA PNEUMONITIS	48241	METH SUS PNEUM D/T STAPH
0551	POSTMEASLES PNEUMONIA	48242	METH RES PNEU D/T STAPH
0730	ORNITHOSIS PNEUMONIA	48249	STAPH PNEUMON OTH
1124	CANDIDIASIS OF LUNG	48281	ANAEROBIC PNEUMONIA
1140	PRIMARY COCCIDIOIDOMYCOS	48282	E COLI PNEUMONIA
1144	CHRONIC PULMON COCCIDIOIDOMYCOSIS	48283	OTH GRAM NEG PNEUMONIA
1145	UNSPEC PULMON COCCIDIOIDOMYCOSIS	48284	LEGIONNAIRES DX
11505	HISTOPLASM CAPS PNEUMON	48289	BACT PNEUMONIA NEC
11515	HISTOPLASM DUB PNEUMONIA	4829	BACTERIAL PNEUMONIA NOS
11595	HISTOPLASMOSIS PNEUMONIA	4830	MYCOPLASMA PNEUMONIA
1304	TOXOPLASMA PNEUMONITIS	4831	CHLAMYDIA PNEUMONIA
1363	PNEUMOCYSTOSIS	4838	OTH SPEC ORG PNEUMONIA
4800	ADENOVIRAL PNEUMONIA	4841	PNEUM W CYTOMEG INCL DIS
4801	RESP SYNCYT VIRAL PNEUM	4843	PNEUMONIA IN WHOOP COUGH
4802	PARINFLUENZA VIRAL PNEUM	4845	PNEUMONIA IN ANTHRAX
4803	PNEUMONIA DUE TO SARS	4846	PNEUM IN ASPERGILLOSIS
4808	VIRAL PNEUMONIA NEC	4847	PNEUM IN OTH SYS MYCOSES

4809	VIRAL PNEUMONIA NOS	4848	PNEUM IN INFECT DIS NEC
481	PNEUMOCOCCAL PNEUMONIA	485	BRONCOPNEUMONIA ORG NOS
4820	K. PNEUMONIAE PNEUMONIA	486	PNEUMONIA, ORGANISM NOS
4821	PSEUDOMONAL PNEUMONIA	4870	INFLUENZA WITH PNEUMONIA
4822	H.INFLUENZAE PNEUMONIA	48801	INFLUENZA D/T IDENTIFIED AVIAN INFLUENZA VIRUS
48230	STREP PNEUMONIA UNSPEC	48811	INFLUENZA D/T IDENTIFIED 2009 H1N1 INFLUENZA VIRUS W/PNEUMONIA
48231	GRP A STREP PNEUMONIA	48881	NOVEL INFLUENZA W/PNEUMONIA
48232	GRP B STREP PNEUMONIA		

## **DENOMINATOR EXCLUSIONS**

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)