



AHRQ Quality Indicators™ (AHRQ QI™) ICD-10-CM/PCS Specification Version 6.0

Pediatric Quality Indicator 17 (PDI 17) Perforated Appendix Admission Rate

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Area-Level Indicator

Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

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www.qualityindicators.ahrq.gov

DESCRIPTION

Admissions for any-listed diagnosis of perforations or abscesses of the appendix per 1,000 admissions with any-listed appendicitis, ages 1 through 17 years. Excludes obstetric admissions and transfers from other institutions.

[NOTE: The software provides the rate per hospital admission. However, common practice reports the measure as per 1,000 admissions. The user must multiply the rate obtained from the software by 1,000 to report cases per 1,000 admissions.]

NUMERATOR

Discharges, for patients ages 1 through 17 years, with any-listed ICD-10-CM diagnosis codes for perforations or abscesses of appendix.

Perforations or abscesses of appendix diagnosis codes: (ACSAPPD)

K352 Acute appendicitis with generalized peritonitis

K353 Acute appendicitis with localized peritonitis

NUMERATOR EXCLUSIONS

Exclude cases:

- transfer from a hospital (different facility)
- transfer from a Skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF)
- transfer from another health care facility
- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), principal diagnosis (DX1=missing), or county (PSTCO=missing)

[Appendix J – Admission Codes for Transfers](#)

DENOMINATOR

Discharges, for patients ages 1 through 17 years, with any-listed ICD-10-CM diagnosis codes for appendicitis. Discharges are assigned to the denominator based on the metropolitan area[†] or county of the patient residence, not the metropolitan area or county of the hospital where the discharge occurred.

[†] The term “metropolitan area” (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs), and primary metropolitan statistical areas (PMSAs). In addition, “area” could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area, or 4) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.

Appendicitis diagnosis codes: (ACSAP2D)

K352	Acute appendicitis with generalized peritonitis	K3589	Other acute appendicitis
K353	Acute appendicitis with localized peritonitis	K37	Unspecified appendicitis
K3580	Unspecified acute appendicitis		