Pediatric Quality Indicator 90 (PDI 90)
Pediatric Quality Overall Composite
July 2021
Area-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

DESCRIPTION

Pediatric Quality Indicators (PDI) overall composite per 100,000 population, ages 6 to 17 years. Includes admissions for one of the following conditions: asthma, diabetes with short-term complications, gastroenteritis, or urinary tract infection.

[NOTE: The software provides the rate per population. However, common practice reports the measure as per 100,000 population. The user must multiply the rate obtained from the software by 100,000 to report admissions per 100,000 population.]

NUMERATOR

Discharges, for patients ages 6 to 17 years, that meet the inclusion and exclusion rules for the numerator in any of the following PDIs:

- PDI 14 Asthma Admission Rate
- PDI 15 Diabetes Short-Term Complications Admission Rate
- PDI 16 Gastroenteritis Admission Rate
- PDI 18 Urinary Tract Infection Admission Rate

Discharges that meet the inclusion and exclusion rules for the numerator in more than one of the above PDIs are counted only once in the composite numerator.

DENOMINATOR

Population ages 6 to 17 years in metropolitan area[†] or county. Discharges in the numerator 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.