



# Prevention Quality Indicator 14 (PQI 14) Uncontrolled Diabetes Admission Rate July 2024 Area-Level Indicator Type of Score: Rate

## Prepared by:

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## DESCRIPTION

Hospitalizations for a principal diagnosis of uncontrolled diabetes without mention of short-term (ketoacidosis, hyperosmolarity, or coma) or long-term (renal, eye, neurological, circulatory, other specified, or unspecified) complications per 100,000 population, ages 18 years and older. Excludes obstetric hospitalizations and transfers from other institutions.

*[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 events per 100,000 hospital discharges.]*

## NUMERATOR

Hospital discharges, for patients ages 18 years and older, with a principal ICD-10-CM diagnosis code for uncontrolled diabetes without mention of a short-term or long-term complication (**ACDIAUD** \*).

*[NOTE: Obstetric discharges are not included in the PQI rate for PQI 14, though the AHRQ QI software does not explicitly exclude obstetric cases. By definition, discharges with a principal diagnosis of uncontrolled diabetes without mention of short-term or long-term complications exclude obstetric discharges, because the principal diagnosis for an obstetric discharge would identify it as obstetric, and no such diagnoses are included in the set of qualifying diagnoses.]*

## NUMERATOR EXCLUSIONS

Exclude discharges:

- with admission source for transferred from a different hospital or other health care facility (*Appendix A*) (UB04 Admission source - 2, 3)
- with a point of origin code for transfer from a hospital, skilled nursing facility (SNF) or intermediate care facility (ICF), or other healthcare facility (*Appendix A*) (UB04 Point of Origin - 4, 5, 6)
- with an ungroupable DRG (DRG=999)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), principal diagnosis (DX1=missing), or county (PSTCO=missing)

### [Appendix A - Admission Codes for Transfers](#)

## DENOMINATOR

Population ages 18 years and older in metropolitan area<sup>1</sup> 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. (Note that the AHRQ QI software excludes transfers to avoid double counting cases).

<sup>1</sup> 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 AHRQ QI software.

\* See below for code list

***Uncontrolled diabetes without mention of a short-term or long-term complication diagnosis codes:  
(ACDIAUD)***

E10649	Type 1 diabetes mellitus with hypoglycemia without coma	E1165	Type 2 diabetes mellitus with hyperglycemia
E1065	Type 1 diabetes mellitus with hyperglycemia	E13649	Other specified diabetes mellitus with hypoglycemia without coma
E11649	Type 2 diabetes mellitus with hypoglycemia without coma	E1365	Other specified diabetes mellitus with hyperglycemia