



**AHRQ Quality Indicators™ (AHRQ QI™)  
ICD-9-CM and ICD-10-CM/PCS  
Specification Enhanced Version 5.0**

Prevention Quality Indicators #13 (PQI #13)  
Angina Without Procedure Admission Rate

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Area-Level Indicator  
Type of Score: Rate**

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## PQI #13 Angina Without Procedure Admission Rate

DESCRIPTION
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Admissions with a principal diagnosis of angina without a cardiac procedure per 100,000 population, ages 18 years and older. Excludes cardiac procedure admissions, obstetric admissions, 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 admissions per 100,000 population.]*

### PQI #13 Angina Without Procedure Admission Rate

#### NUMERATOR

Discharges, for patients ages 18 years and older, with a principal ICD-9-CM or ICD-10-CM diagnosis code for angina.

*[NOTE: By definition, discharges with a principal diagnosis of angina are precluded from an assignment of MDC 14 by grouper software. Thus, obstetric discharges should not be considered in the PQI rate, though the AHRQ QI™ software does not explicitly exclude obstetric cases.]*

#### Angina diagnosis codes: (ACSANGD)

ICD-9-CM	Description	ICD-10-CM	Description
4111	INTERMED CORONARY SYND	I200	Unstable angina
41181	CORONARY OCCLSN W/O MI	I201	Angina pectoris with documented spasm
41189	AC ISCHEMIC HRT DIS NEC	I208	Other forms of angina pectoris
4130	ANGINA DECUBITUS	I209	Angina pectoris, unspecified
4131	PRINZMETAL ANGINA	I240	Acute coronary thrombosis not resulting in myocardial infarction
4139	ANGINA PECTORIS NEC/NOS	I248	Other forms of acute ischemic heart disease
		I249	Acute ischemic heart disease, unspecified
		I25110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
		I25111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
		I25118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
		I25119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
		I25700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris

I25701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm
I25708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
I25709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
I25710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
I25711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
I25718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
I25719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
I25720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
I25721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
I25728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
I25729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
I25730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
I25731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
I25738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris

I25739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
I25750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
I25751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm
I25758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
I25759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
I25760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
I25761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
I25768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
I25769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
I25790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
I25791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
I25798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
I25799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris

## PQI #13 Angina Without Procedure Admission Rate

### 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
- with any-listed ICD-9-CM or ICD-10-PCS procedure codes for cardiac procedure
- 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](#)

[Appendix B – Cardiac Procedure Codes](#)

## PQI #13 Angina Without Procedure Admission Rate

DENOMINATOR
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Population ages 18 years and older 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.
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† 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.

### **PQI #13 Angina Without Procedure Admission Rate**

<b>DENOMINATOR EXCLUSIONS</b>
<i>Not Applicable</i>