



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

**Inpatient Quality Indicators #27 (IQI #27)
Percutaneous Coronary Intervention (PCI)
Rate**

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Area-Level Indicator
Type of Score: Rate**

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IQI #27 Percutaneous Coronary Intervention (PCI) Rate

DESCRIPTION

Percutaneous coronary intervention (PCI) discharges per 100,000 population, ages 40 years and older. Excludes obstetric discharges.

[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 discharges per 100,000 population.]

IQI #27 Percutaneous Coronary Intervention (PCI) Rate

NUMERATOR			
Discharges, for patients ages 40 years and older, with any-listed ICD-9-CM or ICD-10-PCS procedure codes for PCI.			
<i>PCI procedure codes: (PRPTCAP)</i>			
ICD-9-CM	Description	ICD-10-PCS	Description
0066	PTCA OR COR ATHERECTOMY	0270346	Dilation of Coronary Artery, One Site, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach
3601	PTCA-1 VESSEL W/O AGENT	027034Z	Dilation of Coronary Artery, One Site with Drug-eluting Intraluminal Device, Percutaneous Approach
3602	PTCA-1 VESSEL WITH AGNT	02703D6	Dilation of Coronary Artery, One Site, Bifurcation, with
3605	PTCA-MULTIPLE VESSEL	02703DZ	Dilation of Coronary Artery, One Site with Intraluminal Device, Percutaneous Approach
		02703Z6	Dilation of Coronary Artery, One Site, Bifurcation, Percutaneous Approach
		02703ZZ	Dilation of Coronary Artery, One Site, Percutaneous Approach
		0270446	Dilation of Coronary Artery, One Site, Bifurcation, with
		027044Z	Dilation of Coronary Artery, One Site with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
		02704D6	Dilation of Coronary Artery, One Site, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach
		02704DZ	Dilation of Coronary Artery, One Site with Intraluminal Device, Percutaneous Endoscopic Approach
		02704Z6	Dilation of Coronary Artery, One Site, Bifurcation,
		02704ZZ	Dilation of Coronary Artery, One Site, Percutaneous Endoscopic Approach
		0271346	Dilation of Coronary Artery, Two Sites, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach

027134Z	Dilation of Coronary Artery, Two Sites with Drug-eluting Intraluminal Device, Percutaneous Approach
02713D6	Dilation of Coronary Artery, Two Sites, Bifurcation, with Intraluminal Device, Percutaneous Approach
02713DZ	Dilation of Coronary Artery, Two Sites with Intraluminal Device, Percutaneous Approach
02713Z6	Dilation of Coronary Artery, Two Sites, Bifurcation, Percutaneous Approach
02713ZZ	Dilation of Coronary Artery, Two Sites, Percutaneous Approach
0271446	Dilation of Coronary Artery, Two Sites, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
027144Z	Dilation of Coronary Artery, Two Sites with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
02714D6	Dilation of Coronary Artery, Two Sites, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach
02714DZ	Dilation of Coronary Artery, Two Sites with Intraluminal Device, Percutaneous Endoscopic Approach
02714Z6	Dilation of Coronary Artery, Two Sites, Bifurcation, Percutaneous Endoscopic Approach
02714ZZ	Dilation of Coronary Artery, Two Sites, Percutaneous Endoscopic Approach
0272346	Dilation of Coronary Artery, Three Sites, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach
027234Z	Dilation of Coronary Artery, Three Sites with Drug-eluting Intraluminal Device, Percutaneous Approach
02723D6	Dilation of Coronary Artery, Three Sites, Bifurcation, with
02723DZ	Dilation of Coronary Artery, Three Sites with Intraluminal Device, Percutaneous Approach

02723Z6	Dilation of Coronary Artery, Three Sites, Bifurcation, Percutaneous Approach
02723ZZ	Dilation of Coronary Artery, Three Sites, Percutaneous Approach
0272446	Dilation of Coronary Artery, Three Sites, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
027244Z	Dilation of Coronary Artery, Three Sites with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
02724D6	Dilation of Coronary Artery, Three Sites, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach
02724DZ	Dilation of Coronary Artery, Three Sites with Intraluminal Device, Percutaneous Endoscopic Approach
02724Z6	Dilation of Coronary Artery, Three Sites, Bifurcation, Percutaneous Endoscopic Approach
02724ZZ	Dilation of Coronary Artery, Three Sites, Percutaneous Endoscopic Approach
0273346	Dilation of Coronary Artery, Four or More Sites, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach
027334Z	Dilation of Coronary Artery, Four or More Sites with Drug-eluting Intraluminal Device, Percutaneous Approach
02733D6	Dilation of Coronary Artery, Four or More Sites, Bifurcation, with Intraluminal Device, Percutaneous Approach
02733DZ	Dilation of Coronary Artery, Four or More Sites with Intraluminal Device, Percutaneous Approach
02733Z6	Dilation of Coronary Artery, Four or More Sites, Bifurcation, Percutaneous Approach
02733ZZ	Dilation of Coronary Artery, Four or More Sites, Percutaneous Approach

0273446	Dilation of Coronary Artery, Four or More Sites, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
027344Z	Dilation of Coronary Artery, Four or More Sites with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
02734D6	Dilation of Coronary Artery, Four or More Sites, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach
02734DZ	Dilation of Coronary Artery, Four or More Sites with Intraluminal Device, Percutaneous Endoscopic Approach
02734Z6	Dilation of Coronary Artery, Four or More Sites, Bifurcation, Percutaneous Endoscopic Approach
02734ZZ	Dilation of Coronary Artery, Four or More Sites, Percutaneous Endoscopic Approach

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NUMERATOR EXCLUSIONS

Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

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DENOMINATOR

Population ages 40 years and older in metropolitan area¹ 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.

¹ 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.

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DENOMINATOR EXCLUSIONS
<i>Not Applicable</i>