



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

**Inpatient Quality Indicators #30 (IQI #30)  
Percutaneous Coronary Intervention (PCI)  
Mortality Rate**

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Provider-Level Indicator  
Type of Score: Rate**

**Prepared by:**

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## IQI #30 Percutaneous Coronary Intervention (PCI) Mortality Rate

### DESCRIPTION

In-hospital deaths per 1,000 percutaneous coronary intervention (PCI) discharges for patients 40 years and older. Excludes obstetric discharges and transfers to another hospital.

*[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report in-hospital deaths per 1,000 hospital discharges.]*

## **IQI #30 Percutaneous Coronary Intervention (PCI) Mortality Rate**

<b>NUMERATOR</b>
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Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.
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### **IQI #30 Percutaneous Coronary Intervention (PCI) Mortality Rate**

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

### IQI #30 Percutaneous Coronary Intervention (PCI) Mortality Rate

<b>DENOMINATOR</b>			
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>			
<b>ICD-9-CM</b>	<b>Description</b>	<b>ICD-10-PCS</b>	<b>Description</b>
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 Intraluminal Device, Percutaneous Approach
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 Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach
		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, Percutaneous Endoscopic Approach
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 Intraluminal Device, Percutaneous Approach
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

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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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### DENOMINATOR EXCLUSIONS

Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium)
- transferring to another short-term hospital (DISP=2)
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)