



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

**Inpatient Quality Indicators #15 (IQI #15)  
Acute Myocardial Infarction Mortality Rate**

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Provider-Level Indicator  
Type of Score: Rate**

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## IQI #15 Acute Myocardial Infarction Mortality Rate

### DESCRIPTION

In-hospital deaths per 1,000 hospital discharges with acute myocardial infarction (AMI) as a principal diagnosis for patients ages 18 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 #15 Acute Myocardial Infarction Mortality Rate**

<b>NUMERATOR</b>
Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

IQI #15 Acute Myocardial Infarction Mortality Rate

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## IQI #15 Acute Myocardial Infarction Mortality Rate

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

### IQI #15 Acute Myocardial Infarction Mortality Rate

<b>DENOMINATOR</b>			
Discharges, for patients ages 18 years and older, with a principal ICD-9-CM or ICD-10-CM diagnosis code for AMI.			
<i>AMI diagnosis codes: (MRTAMID)</i>			
<b>ICD-9-CM</b>	<b>Description</b>	<b>ICD-10-CM</b>	<b>Description</b>
41000	AMI ANTEROLATERAL, UNSPEC	I2101	ST elevation (STEMI) myocardial infarction involving left main coronary artery
41001	AMI ANTEROLATERAL, INIT	I2102	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
41010	AMI ANTERIOR WALL, UNSPEC	I2109	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
41011	AMI ANTERIOR WALL, INIT	I2111	ST elevation (STEMI) myocardial infarction involving right coronary artery
41020	AMI INFEROLATERAL, UNSPEC	I2119	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
41021	AMI INFEROLATERAL, INIT	I2121	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
41030	AMI INFEROPOST, UNSPEC	I2129	ST elevation (STEMI) myocardial infarction involving other sites
41031	AMI INFEROPOST, INITIAL	I213	ST elevation (STEMI) myocardial infarction of unspecified site
41040	AMI INFERIOR WALL, UNSPEC	I214	Non-ST elevation (NSTEMI) myocardial infarction
41041	AMI INFERIOR WALL, INIT	I220	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
41050	AMI LATERAL NEC, UNSPEC	I221	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
41051	AMI LATERAL NEC, INITIAL	I222	Subsequent non-ST elevation (NSTEMI) myocardial infarction

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41060	TRUE POST INFARCT, UNSPEC	I228	Subsequent ST elevation (STEMI) myocardial infarction of other sites
41061	TRUE POST INFARCT, INIT	I229	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
41070	SUBENDO INFARCT, UNSPEC		
41071	SUBENDO INFARCT, INITIAL		
41080	AMI NEC, UNSPECIFIED		
41081	AMI NEC, INITIAL		
41090	AMI NOS, UNSPECIFIED		
41091	AMI NOS, INITIAL		

## IQI #15 Acute Myocardial Infarction Mortality Rate

### DENOMINATOR EXCLUSIONS

Exclude cases:

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