Inpatient Quality Indicator 32 (IQI 32) Acute Myocardial Infarction (AMI) Mortality Rate, Without Transfer Cases July 2017
Provider-Level Indicator
Type of Score: Rate

Prepared by:
Agency for Healthcare Research and Quality
U.S. Department of Health and Human Services
www.qualityindicators.ahrq.gov

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, transfers to another hospital, cases in hospice care at admission, and transfers in from another acute care 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.]

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

DENOMINATOR
Discharges, for patients ages 18 years and older, with a principal ICD-10-CM diagnosis code for AMI (MRTAMID 

* ).
DENOMINATOR EXCLUSIONS

Exclude cases:

• MDC 14 (pregnancy, childbirth, and puerperium)
• Transferring from another short-term hospital (SID ASOURCE=2 or POINTOFORIGINUB04=4)
• Transferring to another short-term hospital (DISP=2)
• Cases in hospice care at admission (PointOFOriginUB04=F)
• With missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing), or admission source (SID ASOURCE=missing and POINTOFORIGINUB04=missing)

* See below for code list
### Acute myocardial infarction (AMI) diagnosis codes: (MRTAMID)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>I2101</td>
<td>ST elevation (STEMI) myocardial infarction involving left main coronary artery</td>
<td>I213</td>
<td>ST elevation (STEMI) myocardial infarction of unspecified site</td>
</tr>
<tr>
<td>I2102</td>
<td>ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery</td>
<td>I214</td>
<td>Non-ST elevation (NSTEMI) myocardial infarction</td>
</tr>
<tr>
<td>I2109</td>
<td>ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall</td>
<td>I220</td>
<td>Subsequent ST elevation (STEMI) myocardial infarction of anterior wall</td>
</tr>
<tr>
<td>I2111</td>
<td>ST elevation (STEMI) myocardial infarction involving right coronary artery</td>
<td>I221</td>
<td>Subsequent ST elevation (STEMI) myocardial infarction of inferior wall</td>
</tr>
<tr>
<td>I2119</td>
<td>ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall</td>
<td>I222</td>
<td>Subsequent non-ST elevation (NSTEMI) myocardial infarction</td>
</tr>
<tr>
<td>I2121</td>
<td>ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery</td>
<td>I228</td>
<td>Subsequent ST elevation (STEMI) myocardial infarction of other sites</td>
</tr>
<tr>
<td>I2129</td>
<td>ST elevation (STEMI) myocardial infarction involving other sites</td>
<td>I229</td>
<td>Subsequent ST elevation (STEMI) myocardial infarction of unspecified site</td>
</tr>
</tbody>
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