

Data Details - Acute Myocardial Infarction (AMI)

Interpreting the Data

What these data tell us:

- These data can be used to determine number and rate (crude and age-adjusted) of individuals hospitalized with a primary diagnosis of AMI by State and County.

What these data do not tell us:

- These data only represent SC hospitalizations. In order to get a true representation of SC residents hospitalized for AMI you would need to determine the number of individuals seeking care outside SC.

Limitations of the data

It does not include all AMI cases. Reporting rates at the county level is a relatively broad measure. These data will not show the true AMI burden at a more local level, such as the city level.

About these measurements

Measures Included

South Carolina AMI hospitalization data are presented in three ways:

1. The number (frequency) of individuals hospitalized in each County of SC for AMI.
2. The number (frequency) and rate (crude and age-adjusted) of individuals hospitalized in each County of SC for AMI.
3. The number (frequency) and rate of individuals hospitalized in each County of SC for AMI by age group.

Frequency of Measurement

SC hospitalization data is collected monthly by The SC Revenue and Fiscal Affairs Office from all acute care hospitals in South Carolina and annual discharges and rates are reported.

Calculation Methods

Annual number and percentage of individuals hospitalized for AMI, by age group

The number of individuals in the selected age group who had an AMI hospitalization during the selected year, divided by the number of individuals in that age group that year

Example:

$$\frac{\text{Children 0 to 14 years of age with an AMI hospitalization in 2010}}{\text{Total number of children up to 14 years of age in 2010 in SC}}$$