

# Cardiac Arrest by Age

## National EMS Database Report Specification

### Purpose

This report denotes the frequency of EMS attended cardiac arrest by patient age recorded in deciles.

### Definitions

1. **Cardiac Arrest Event:** Indication of the presence of a cardiac arrest at any time prior to (or after) EMS arrival.
2. **Percentage:** The number of items with a certain characteristic divided by the total number of items in the sample and multiplied by 100. For example, the percentage that represents five out of 20 complaints is 5 divided by 20 x 100, which is 25%.
3. **Deciles:** A categorization tool that groups occurrences in a chart into groups of ten.

### Required Data Elements

- \* E05\_04: Unit Notified by Dispatch Date/Time
- \* E06\_14: Age
- \* E06\_15: Age Units
- \* E11\_01: Cardiac Arrest

1. The Unit Notified Date (E05\_04) is used to select the records for the Date Range
2. Select only records with E06\_15 = Years, otherwise = 0 year
3. Select only records with E11\_01 = Yes, prior to (or after) EMS arrival

### Formulas

None

### Exclusions/Limitations

For the purposes of charting, cases with an unspecified age were removed from the analysis. The actual number of excluded cases will vary based upon the date range specified for each chart (see specific chart footer for number of excluded cases).