

# Cardiac Arrest Etiology

## National EMS Database Report Specification

### Purpose

This report provides national information regarding the distribution of cardiac arrest etiologies among EMS attended arrests occurring before or after EMS scene arrival.

### Definitions

1. **Cardiac Arrest Etiology:** Indication of the etiology or cause of the cardiac arrest (classified as cardiac, non-cardiac, etc.).
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%.

### Required Data Elements

- \* E05\_04: Unit Notified by Dispatch Date/Time
- \* E11\_01: Cardiac Arrest
- \* E11\_02: Cardiac Arrest Etiology

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

### Formulas

None

### Exclusions/Limitations

Null values reported for cardiac arrest etiology may be not included in the national charts or tables. 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).