

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: From 01/01/2013 Through 12/31/2023

| Data   | National<br>N=1011908 |
|--|-----------------------|
| <b>Age</b>   | <b>N=1011565</b>      |
| Mean   | 62.2                  |
| Median   | 65.0                  |
| <b>Gender (%)</b>  | <b>N=1011869</b>      |
| Female   | 382119 (37.8)         |
| Male   | 629621 (62.2)         |
| <b>Race (%)</b>  | <b>N=1011678</b>      |
| American-Indian/Alaskan  | 4055 (0.4)            |
| Asian  | 23608 (2.3)           |
| Black/African-American   | 222818 (22.0)         |
| Hispanic/Latino  | 74381 (7.4)           |
| Native Hawaiian/Pacific Islander                               | 4851 (0.5)            |
| White  | 497747 (49.2)         |
| Multi-racial   | 1706 (0.2)            |
| Unknown  | 182529 (18.0)         |
| <b>Location of Arrest (%)</b>                                  | <b>N=1011894</b>      |
| Home/Residence   | 723861 (71.5)         |
| Nursing Home   | 106956 (10.6)         |
| Public Setting   | 181077 (17.9)         |
| <b>Arrest witnessed (%)</b>                                    | <b>N=1011862</b>      |
| Bystander Witnessed  | 376746 (37.2)         |
| Witnessed by 911 Responder                                     | 123349 (12.2)         |
| Unwitnessed  | 511767 (50.6)         |
| <b>Who Initiated CPR? (%)</b>                                  | <b>N=1011849</b>      |
| Not Applicable   | 584 (0.1)             |
| Bystander  | 412439 (40.8)         |
| First Responder  | 297441 (29.4)         |
| Emergency Medical Services (EMS)                               | 301385 (29.8)         |
| <b>Was an AED applied prior to EMS arrival? (%)</b>            | <b>N=1011887</b>      |
| Yes  | 286632 (28.3)         |
| No   | 725255 (71.7)         |
| <b>Who first applied automated external defibrillator? (%)</b> | <b>N=286523</b>       |
| Bystander  | 59601 (20.8)          |
| First Responder  | 226912 (79.2)         |
| <b>Who first defibrillated the patient?* (%)</b>               | <b>N=996128</b>       |
| Not Applicable   | 695008 (69.8)         |
| Bystander  | 15209 (1.5)           |
| First Responder  | 57754 (5.8)           |
| Responding EMS Personnel                                       | 228157 (22.9)         |
| <b>First Arrest Rhythm (%)</b>                                 | <b>N=1011766</b>      |
| Vfib/Vtach/Unknown Shockable Rhythm                            | 181743 (18.0)         |
| Asystole   | 513732 (50.8)         |
| Idioventricular/PEA  | 221562 (21.9)         |
| Unknown Unshockable Rhythm                                     | 94729 (9.4)           |
| <b>Sustained ROSC (%)</b>                                      | <b>N=1011589</b>      |
| Yes  | 296364 (29.3)         |
| No   | 715225 (70.7)         |
| <b>Was hypothermia care provided in the field? (%)</b>         | <b>N=1011822</b>      |
| Yes  | 47714 (4.7)           |
| No   | 964108 (95.3)         |
| <b>Pre-hospital Outcome (%)</b>                                | <b>N=1011908</b>      |
| Pronounced in the Field  | 391899 (38.7)         |
| Pronounced in ED   | 123789 (12.2)         |
| Ongoing Resuscitation in ED                                    | 496220 (49.0)         |
| <b>Overall Survival (%)</b>                                    | <b>N=1011908</b>      |
| Overall Survival to Hospital Admission                         | 268787 (26.6)         |
| Overall Survival to Hospital Discharge                         | 101263 (10.0)         |
| With Good or Moderate Cerebral Performance                     | 80797 (8.0)           |
| Missing hospital outcome                                       | 2174                  |
| <b>Utstein<sup>1</sup> Survival (%)</b>                        | <b>N=108094</b>       |
|  | 31.9%                 |
| <b>Utstein Bystander<sup>2</sup> Survival (%)</b>              | <b>N=64397</b>        |
|  | 36.1%                 |

*Inclusion criteria: An out-of-hospital cardiac arrest where resuscitation is attempted by a 911 responder (CPR and/or defibrillation). This would also include patients that received an AED shock by a bystander prior to the arrival of 911 responders.*

*\*This is a new question that was introduced on the 2011 form.*

*<sup>1</sup>Witnessed by bystander and found in a shockable rhythm*

*<sup>2</sup>Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)*