

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

End of the Event: Dead in Field, Pronounced Dead in ED, Ongoing Resuscitation in ED | Arrest Witness Status: All | Resuscitation Attempted by 911 Responder: Yes | Presumed Cardiac Arrest Etiology: Presumed Cardiac Etiology, Respiratory, Drowning, Electrocution, Other | Service Date: From 1/1/14 Through 12/31/14

Data	National N=45501
<b>Age</b>	<b>N=45464</b>
Mean	62.9
Median	65.0
<b>Gender (%)</b>	<b>N=45496</b>
Female	17696 (38.9)
Male	27800 (61.1)
<b>Race (%)</b>	<b>N=45474</b>
American-Indian/Alaskan	257 (0.6)
Asian	830 (1.8)
Black/African-American	9543 (21.0)
Hispanic/Latino	2597 (5.7)
Native Hawaiian/Pacific Islander	238 (0.5)
White	21067 (46.3)
Unknown	10942 (24.1)
<b>Location of Arrest (%)</b>	<b>N=45497</b>
Home/Residence	31830 (70.0)
Nursing Home	4805 (10.6)
Public Setting	8862 (19.5)
<b>Arrest witnessed (%)</b>	<b>N=45496</b>
Bystander Witnessed	17133 (37.7)
Witnessed by 911 Responder	5499 (12.1)
Unwitnessed	22864 (50.3)
<b>Who Initiated CPR? (%)</b>	<b>N=45500</b>
Not Applicable	56 (0.1)
Bystander	18360 (40.4)
First Responder	12198 (26.8)
Emergency Medical Services (EMS)	14886 (32.7)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=45499</b>
Yes	12316 (27.1)
No	33183 (72.9)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=12320</b>
Bystander	2238 (18.2)
First Responder	10070 (81.7)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=42971</b>
Not Applicable	28707 (66.8)
Bystander	688 (1.6)
First Responder	2641 (6.1)
Responding EMS Personnel	10935 (25.4)
<b>First Arrest Rhythm (%)</b>	<b>N=45500</b>
Vfib/Vtach/Unknown Shockable Rhythm	9293 (20.4)
Asystole	20760 (45.6)
Idioventricular/PEA	9740 (21.4)
Unknown Unshockable Rhythm	5707 (12.5)
<b>Sustained ROSC (%)</b>	<b>N=45434</b>
Yes	14609 (32.2)
No	30825 (67.8)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=45494</b>
Yes	5523 (12.1)
No	39971 (87.9)
<b>Pre-hospital Outcome (%)</b>	<b>N=45501</b>
Pronounced in the Field	12593 (27.7)
Pronounced in ED	7627 (16.8)
Ongoing Resuscitation in ED	25281 (55.6)
<b>Overall Survival (%)</b>	<b>N=45501</b>
Overall Survival to Hospital Admission	12878 (28.3)
Overall Survival to Hospital Discharge	4903 (10.8)
With Good or Moderate Cerebral Performance	3849 (8.5)
Missing hospital outcome	216
<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=5521</b>
	32.5%
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=3343</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)*