

# 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 | Service Date: From 1/1/15 Through 12/31/15

Data	National N=46045
<b>Age</b>	<b>N=46028</b>
Mean	64.5
Median	65.0
<b>Gender (%)</b>	<b>N=46043</b>
Female	17568 (38.2)
Male	28475 (61.8)
<b>Race (%)</b>	<b>N=46040</b>
American-Indian/Alaskan	195 (0.4)
Asian	963 (2.1)
Black/African-American	9893 (21.5)
Hispanic/Latino	2591 (5.6)
Native Hawaiian/Pacific Islander	224 (0.5)
White	21682 (47.1)
Unknown	10492 (22.8)
<b>Location of Arrest (%)</b>	<b>N=46045</b>
Home/Residence	31667 (68.8)
Nursing Home	5128(11.1)
Public Setting	9250 (20.1)
<b>Arrest witnessed (%)</b>	<b>N=46044</b>
Bystander Witnessed	17442 (37.9)
Witnessed by 911 Responder	4821 (10.5)
Unwitnessed	23780 (51.6)
<b>Who Initiated CPR? (%)</b>	<b>N=46040</b>
Not Applicable	31 (0.1)
Bystander	19270 (41.9)
First Responder	12983 (28.2)
Emergency Medical Services (EMS)	13756 (29.9)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=46045</b>
Yes	14020 (30.4)
No	32025 (69.6)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=14032</b>
Bystander	2671 (19.0)
First Responder	11327 (80.7)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=44268</b>
Not Applicable	28149 (63.6)
Bystander	856 (1.9)
First Responder	3179 (7.2)
Responding EMS Personnel	12084 (27.3)
<b>First Arrest Rhythm (%)</b>	<b>N=46039</b>
Vfib/Vtach/Unknown Shockable Rhythm	10346 (22.5)
Asystole	21507 (46.7)
Idioventricular/PEA	9146 (19.9)
Unknown Unshockable Rhythm	5040 (10.9)
<b>Sustained ROSC (%)</b>	<b>N=46040</b>
Yes	14485 (31.5)
No	31555 (68.5)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=46033</b>
Yes	4851 (10.5)
No	41182 (89.5)
<b>Pre-hospital Outcome (%)</b>	<b>N=46045</b>
Pronounced in the Field	14498 (31.5)
Pronounced in ED	7654 (16.6)
Ongoing Resuscitation in ED	23893 (51.9)
<b>Overall Survival (%)</b>	<b>N=46045</b>
Overall Survival to Hospital Admission	12449 (27.0)
Overall Survival to Hospital Discharge	4678 (10.2)
With Good or Moderate Cerebral Performance	3800 (8.3)
Missing hospital outcome	153
<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=6188</b>
	33.7%
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=3783</b>
	37.6%

*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)*