

# 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/Asphyxia, Drowning/Submersion, Electrocution, Other, Drug Overdose, Exsanguination/Hemorrhage | Service Date: From 1/1/13 Through 12/31/16

Data	National N=193976
<b>Age</b>	<b>N=193841</b>
Mean	62.6
Median	64.0
<b>Gender (%)</b>	<b>N=193963</b>
Female	75345 (38.8)
Male	118618 (61.2)
<b>Race (%)</b>	<b>N=193914</b>
American-Indian/Alaskan	912 (0.5)
Asian	3860 (2.0)
Black/African-American	40372 (20.8)
Hispanic/Latino	11210 (5.8)
Native Hawaiian/Pacific Islander	988 (0.5)
White	90047 (46.4)
Unknown	46525 (24.0)
<b>Location of Arrest (%)</b>	<b>N=193970</b>
Home/Residence	134259 (69.2)
Nursing Home	20738(10.7)
Public Setting	38973 (20.1)
<b>Arrest witnessed (%)</b>	<b>N=193963</b>
Bystander Witnessed	72531 (37.4)
Witnessed by 911 Responder	23551 (12.1)
Unwitnessed	97880 (50.5)
<b>Who Initiated CPR? (%)</b>	<b>N=193970</b>
Not Applicable	195 (0.1)
Bystander	78207 (40.3)
First Responder	53814 (27.7)
Emergency Medical Services (EMS)	61754 (31.8)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=193969</b>
Yes	54325 (28.0)
No	139644 (72.0)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=54338</b>
Bystander	10131 (18.6)
First Responder	44171 (81.3)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=184644</b>
Not Applicable	123200 (66.7)
Bystander	3066 (1.7)
First Responder	11468 (6.2)
Responding EMS Personnel	46910 (25.4)
<b>First Arrest Rhythm (%)</b>	<b>N=193959</b>
Vfib/Vtach/Unknown Shockable Rhythm	39083 (20.2)
Asystole	90703 (46.8)
Idioventricular/PEA	41657 (21.5)
Unknown Unshockable Rhythm	22516 (11.6)
<b>Sustained ROSC (%)</b>	<b>N=193867</b>
Yes	63047 (32.5)
No	130820 (67.5)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=193901</b>
Yes	19436 (10.0)
No	174465 (90.0)
<b>Pre-hospital Outcome (%)</b>	<b>N=193976</b>
Pronounced in the Field	57855 (29.8)
Pronounced in ED	31101 (16.0)
Ongoing Resuscitation in ED	105020 (54.1)
<b>Overall Survival (%)</b>	<b>N=193976</b>
Overall Survival to Hospital Admission	55622 (28.7)
Overall Survival to Hospital Discharge	20835 (10.7)
With Good or Moderate Cerebral Performance	16671 (8.6)
Missing hospital outcome	706
<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=23213</b>
	33.4
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=13868</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)*