

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

End of the Event: Dead in Field, Pronounced Dead in ED, Ongoing Resuscitation in ED | Resuscitation Attempted by 911 Responder: Yes | Presumed Cardiac Arrest Etiology: Presumed Cardiac Etiology, Respiratory, Drowning, Electrocution, Other | Service Date: From 1/1/13 Through 12/31/13

Data	National N=35721
<b>Age</b>	<b>N=35685</b>
Mean	62.8
Median	65.0
<b>Gender (%)</b>	<b>N=35717</b>
Female	14016 (39.2)
Male	21701 (60.8)
<b>Race (%)</b>	<b>N=35704</b>
American-Indian/Alaskan	166 (0.5)
Asian	576 (1.6)
Black/African-American	6711 (18.8)
Hispanic/Latino	2201 (6.2)
Native Hawaiian/Pacific Islander	255 (0.7)
White	16504 (46.2)
Unknown	9291 (26.0)
<b>Location of Arrest (%)</b>	<b>N=35721</b>
Healthcare Facility	1655 (4.6)
Home/Residence	25036 (70.1)
Industrial Place	180 (0.5)
Nursing Home	3727 (10.4)
Other	285 (0.8)
Place of Recreation	594 (1.7)
Public/Commercial Building	2528 (7.1)
Street/Highway	1621 (4.5)
Transport Center	95 (0.3)
<b>Arrest witnessed (%)</b>	<b>N=35714</b>
Bystander Witnessed	13457 (37.7)
Witnessed by EMS	4432 (12.4)
Unwitnessed	17825 (49.9)
<b>Who Initiated CPR? (%)</b>	<b>N=35717</b>
Not Applicable	48 (0.1)
Total Bystanders*	14121 (39.5)
First Responder	9428 (26.4)
Emergency Medical Services (EMS)	12120 (33.9)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=35719</b>
Yes	9176 (25.7)
No	26543 (74.3)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=9172</b>
Total Bystanders*	1563 (17.0)
First Responder	7605 (82.9)
<b>Who first defibrillated the patient?*** (%)</b>	<b>N=32839</b>
Not Applicable	22054 (67.2)
Total Bystanders*	492 (1.5)
First Responder	1966 (6.0)
Responding EMS Personnel	8327 (25.4)
<b>First Arrest Rhythm (%)</b>	<b>N=35716</b>
Vfib/Vtach/Unknown Shockable Rhythm	7548 (21.1)
Asystole	16556 (46.4)
Idioventricular/PEA	7694 (21.5)
Unknown Unshockable Rhythm	3918 (11.0)
<b>Sustained ROSC (%)</b>	<b>N=35688</b>
Yes	11644 (32.6)
No	24044 (67.4)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=35707</b>
Yes	5418 (15.2)
No	30289 (84.8)

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Data	National N=35721
<b>Pre-hospital Outcome (%)</b>	<b>N=35721</b>
Pronounced in the Field	9598 (26.9)
Pronounced in ED	5875 (16.4)
Ongoing Resuscitation in ED	20248 (56.7)
<b>Overall Survival (%)</b>	<b>N=35721</b>
Overall Survival to Hospital Admission	10286 (28.8)
Overall Survival to Hospital Discharge	3901 (10.9)
With Good or Moderate Cerebral Performance	3050 (8.5)
Missing hospital outcome	190
<b>Utstein Survival (%)</b>	<b>N=4441</b>
Witnessed by bystander and found in shockable rhythm	33.0%
<b>Utstein Bystander Survival (%)</b>	<b>N=2526</b>
Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)	38.2%

*Inclusion criteria: A presumed cardiac etiology event 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.*

*\*Total Bystanders = lay person + lay person family member + lay person medical provider.*

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

*PLEASE NOTE: From 2005-2012, CARES collected arrests of presumed cardiac etiology. In 2013, CARES expanded to include all non-traumatic arrests.*