

# 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 | Service Date: From 1/1/13 Through 12/31/13

Data	National N=31127
<b>Age</b>	<b>N=31096</b>
Mean	64.5
Median	66.0
<b>Gender (%)</b>	<b>N=31124</b>
Female	11997 (38.5)
Male	19127 (61.5)
<b>Race (%)</b>	<b>N=31115</b>
American-Indian/Alaskan	135 (0.4)
Asian	473 (1.5)
Black/African-American	5946 (19.1)
Hispanic/Latino	1979 (6.4)
Native Hawaiian/Pacific Islander	221 (0.7)
White	14434 (46.4)
Unknown	7927 (25.5)
<b>Location of Arrest (%)</b>	<b>N=31127</b>
Healthcare Facility	1493 (4.8)
Home/Residence	21618 (69.5)
Industrial Place	172 (0.6)
Nursing Home	3353 (10.8)
Other	224 (0.7)
Place of Recreation	468 (1.5)
Public/Commercial Building	2247 (7.2)
Street/Highway	1460 (4.7)
Transport Center	92 (0.3)
<b>Arrest witnessed (%)</b>	<b>N=31125</b>
Bystander Witnessed	12032 (38.7)
Witnessed by EMS	3401 (10.9)
Unwitnessed	15692 (50.4)
<b>Who Initiated CPR? (%)</b>	<b>N=31124</b>
Not Applicable	44 (0.1)
Total Bystanders*	12571 (40.4)
First Responder	8272 (26.6)
Emergency Medical Services (EMS)	10237 (32.9)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=31125</b>
Yes	8259 (26.5)
No	22866 (73.5)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=8255</b>
Total Bystanders*	1444 (17.5)
First Responder	6807 (82.5)
<b>Who first defibrillated the patient?*** (%)</b>	<b>N=28771</b>
Not Applicable	18694 (65.0)
Total Bystanders*	473 (1.6)
First Responder	1888 (6.6)
Responding EMS Personnel	7716 (26.8)
<b>First Arrest Rhythm (%)</b>	<b>N=31123</b>
Vfib/Vtach/Unknown Shockable Rhythm	7208 (23.2)
Asystole	14385 (46.2)
Idioventricular/PEA	6347 (20.4)
Unknown Unshockable Rhythm	3183 (10.2)
<b>Sustained ROSC (%)</b>	<b>N=31107</b>
Yes	9875 (31.7)
No	21232 (68.3)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=31117</b>
Yes	4823 (15.5)
No	26294 (84.5)

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<b>Data</b>	<b>National N=31127</b>
<b>Pre-hospital Outcome (%)</b>	<b>N=31127</b>
Pronounced in the Field	8567 (27.5)
Pronounced in ED	5215 (16.8)
Ongoing Resuscitation in ED	17345 (55.7)
<b>Overall Survival (%)</b>	<b>N=31127</b>
Overall Survival to Hospital Admission	8558 (27.5)
Overall Survival to Hospital Discharge	3315 (10.6)
With Good or Moderate Cerebral Performance	2588 (8.3)
Missing hospital outcome	160
<b>Utstein Survival (%)</b>	<b>N=4281</b>
Witnessed by bystander and found in shockable rhythm	33.0%
<b>Utstein Bystander Survival (%)</b>	<b>N=2442</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.*