

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 10/1/05 Through 12/31/14

Data	National N=144037
Age	N=143820
Mean	64.3
Median	65.0
Gender (%)	N=144008
Female	55522 (38.6)
Male	88486 (61.4)
Race (%)	N=143847
American-Indian/Alaskan	718 (0.5)
Asian	2348 (1.6)
Black/African-American	32240 (22.4)
Hispanic/Latino	8065 (5.6)
Native Hawaiian/Pacific Islander	855 (0.6)
White	62695 (43.6)
Unknown	36926 (25.7)
Location of Arrest (%)	N=143533
Home/Residence	98942 (68.9)
Nursing Home	16951(11.8)
Public Setting	27640 (19.3)
Arrest witnessed (%)	N=144026
Bystander Witnessed	54850 (38.1)
Witnessed by 911 Responder	15346 (10.7)
Unwitnessed	73829 (51.3)
Who Initiated CPR? (%)	N=144013
Not Applicable	206 (0.1)
Bystander	54987 (38.2)
First Responder	41441 (28.8)
Emergency Medical Services (EMS)	47379 (32.9)
Was an AED applied prior to EMS arrival? (%)	N=143217
Yes	36884 (25.8)
No	106333 (74.2)
Who first applied automated external defibrillator? (%)	N=36849
Bystander	6114 (16.6)
First Responder	30720 (83.4)
Who first defibrillated the patient?* (%)	N=103946
Not Applicable	67082 (64.5)
Bystander	1735 (1.7)
First Responder	7080 (6.8)
Responding EMS Personnel	28044 (27.0)
First Arrest Rhythm (%)	N=144018
Vfib/Vtach/Unknown Shockable Rhythm	33405 (23.2)
Asystole	66564 (46.2)
Idioventricular/PEA	29244 (20.3)
Unknown Unshockable Rhythm	14805 (10.3)
Sustained ROSC (%)	N=143452
Yes	43504 (30.3)
No	99948 (69.7)
Was hypothermia care provided in the field? (%)	N=121350
Yes	16407 (13.5)
No	104943 (86.5)
Pre-hospital Outcome (%)	N=144037
Pronounced in the Field	36402 (25.3)
Pronounced in ED	27252 (18.9)
Ongoing Resuscitation in ED	80383 (55.8)
Overall Survival (%)	N=144037
Overall Survival to Hospital Admission	38516 (26.7)
Overall Survival to Hospital Discharge	14735 (10.2)
With Good or Moderate Cerebral Performance	11286 (7.8)
Missing hospital outcome	690
Utstein¹ Survival (%)	N=19632
	32.0%
Utstein Bystander² Survival (%)	N=11009
	36.3%

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.*

¹Witnessed by bystander and found in a shockable rhythm

²Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)