

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, Drowning, Electrocution, Other | Service Date: From 1/1/15 Through 12/31/15

Data	National N=53831
Age	N=53805
Mean	62.3
Median	64.0
Gender (%)	N=53829
Female	20991 (39.0)
Male	32838 (61.0)
Race (%)	N=53825
American-Indian/Alaskan	245 (0.5)
Asian	1096 (2.0)
Black/African-American	11284 (21.0)
Hispanic/Latino	3020 (5.6)
Native Hawaiian/Pacific Islander	257 (0.5)
White	25372 (47.1)
Unknown	12551 (23.3)
Location of Arrest (%)	N=53831
Home/Residence	37474 (69.6)
Nursing Home	5718(10.6)
Public Setting	10639 (19.8)
Arrest witnessed (%)	N=53830
Bystander Witnessed	19839 (36.9)
Witnessed by 911 Responder	6502 (12.1)
Unwitnessed	27488 (51.1)
Who Initiated CPR? (%)	N=53826
Not Applicable	39 (0.1)
Bystander	21848 (40.6)
First Responder	15197 (28.2)
Emergency Medical Services (EMS)	16742 (31.1)
Was an AED applied prior to EMS arrival? (%)	N=53830
Yes	15865 (29.5)
No	37965 (70.5)
Who first applied automated external defibrillator? (%)	N=15877
Bystander	2910 (18.3)
First Responder	12933 (81.5)
Who first defibrillated the patient?* (%)	N=51706
Not Applicable	34383 (66.5)
Bystander	888 (1.7)
First Responder	3323 (6.4)
Responding EMS Personnel	13112 (25.4)
First Arrest Rhythm (%)	N=53822
Vfib/Vtach/Unknown Shockable Rhythm	10836 (20.1)
Asystole	25349 (47.1)
Idioventricular/PEA	11361 (21.1)
Unknown Unshockable Rhythm	6276 (11.7)
Sustained ROSC (%)	N=53825
Yes	17707 (32.9)
No	36118 (67.1)
Was hypothermia care provided in the field? (%)	N=53813
Yes	5605 (10.4)
No	48208 (89.6)
Pre-hospital Outcome (%)	N=53831
Pronounced in the Field	16333 (30.3)
Pronounced in ED	8797 (16.3)
Ongoing Resuscitation in ED	28701 (53.3)
Overall Survival (%)	N=53831
Overall Survival to Hospital Admission	15541 (28.9)
Overall Survival to Hospital Discharge	5704 (10.6)
With Good or Moderate Cerebral Performance	4602 (8.5)
Missing hospital outcome	194
Utstein¹ Survival (%)	N=6401
	33.4%
Utstein Bystander² Survival (%)	N=3903
	37.2%

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)