

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 01/01/2013 Through 12/31/2018

Data	National N=350722
Age	N=350529
Mean	62.4
Median	64.0
Gender (%)	N=350703
Female	134858 (38.5)
Male	215845 (61.5)
Race (%)	N=350606
American-Indian/Alaskan	1494 (0.4)
Asian	7093 (2.0)
Black/African-American	77295 (22.0)
Hispanic/Latino	20454 (5.8)
Native Hawaiian/Pacific Islander	1638 (0.5)
White	166749 (47.6)
Unknown	75883 (21.6)
Location of Arrest (%)	N=350716
Home/Residence	244375 (69.7)
Nursing Home	38286 (10.9)
Public Setting	68055 (19.4)
Arrest witnessed (%)	N=350710
Bystander Witnessed	130299 (37.2)
Witnessed by 911 Responder	43116 (12.3)
Unwitnessed	177293 (50.6)
Who Initiated CPR? (%)	N=350716
Not Applicable	286 (0.1)
Bystander	140524 (40.1)
First Responder	99507 (28.4)
Emergency Medical Services (EMS)	110399 (31.5)
Was an AED applied prior to EMS arrival? (%)	N=350707
Yes	100311 (28.6)
No	250396 (71.4)
Who first applied automated external defibrillator? (%)	N=100297
Bystander	19932 (19.9)
First Responder	80329 (80.1)
Who first defibrillated the patient?* (%)	N=338748
Not Applicable	230680 (68.1)
Bystander	5616 (1.7)
First Responder	20299 (6.0)
Responding EMS Personnel	82153 (24.3)
First Arrest Rhythm (%)	N=350686
Vfib/Vtach/Unknown Shockable Rhythm	67727 (19.3)
Asystole	170078 (48.5)
Idioventricular/PEA	75059 (21.4)
Unknown Unshockable Rhythm	37822 (10.8)
Sustained ROSC (%)	N=350612
Yes	111980 (31.9)
No	238632 (68.1)
Was hypothermia care provided in the field? (%)	N=350680
Yes	26993 (7.7)
No	323687 (92.3)
Pre-hospital Outcome (%)	N=350722
Pronounced in the Field	114119 (32.5)
Pronounced in ED	54612 (15.6)
Ongoing Resuscitation in ED	181991 (51.9)
Overall Survival (%)	N=350722
Overall Survival to Hospital Admission	99329 (28.3)
Overall Survival to Hospital Discharge	36929 (10.5)
With Good or Moderate Cerebral Performance	29476 (8.4)
Missing hospital outcome	1061
Utstein¹ Survival (%)	N=40352
	33.1%
Utstein Bystander² Survival (%)	N=23954
	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)