

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 1/1/13 Through 12/31/16

Data	National N=193976
Age	N=193841
Mean	62.6
Median	64.0
Gender (%)	N=193963
Female	75345 (38.8)
Male	118618 (61.2)
Race (%)	N=193914
American-Indian/Alaskan	912 (0.5)
Asian	3860 (2.0)
Black/African-American	40372 (20.8)
Hispanic/Latino	11210 (5.8)
Native Hawaiian/Pacific Islander	988 (0.5)
White	90047 (46.4)
Unknown	46525 (24.0)
Location of Arrest (%)	N=193970
Home/Residence	134259 (69.2)
Nursing Home	20738(10.7)
Public Setting	38973 (20.1)
Arrest witnessed (%)	N=193963
Bystander Witnessed	72531 (37.4)
Witnessed by 911 Responder	23551 (12.1)
Unwitnessed	97880 (50.5)
Who Initiated CPR? (%)	N=193970
Not Applicable	195 (0.1)
Bystander	78207 (40.3)
First Responder	53814 (27.7)
Emergency Medical Services (EMS)	61754 (31.8)
Was an AED applied prior to EMS arrival? (%)	N=193969
Yes	54325 (28.0)
No	139644 (72.0)
Who first applied automated external defibrillator? (%)	N=54338
Bystander	10131 (18.6)
First Responder	44171 (81.3)
Who first defibrillated the patient?* (%)	N=184644
Not Applicable	123200 (66.7)
Bystander	3066 (1.7)
First Responder	11468 (6.2)
Responding EMS Personnel	46910 (25.4)
First Arrest Rhythm (%)	N=193959
Vfib/Vtach/Unknown Shockable Rhythm	39083 (20.2)
Asystole	90703 (46.8)
Idioventricular/PEA	41657 (21.5)
Unknown Unshockable Rhythm	22516 (11.6)
Sustained ROSC (%)	N=193867
Yes	63047 (32.5)
No	130820 (67.5)
Was hypothermia care provided in the field? (%)	N=193901
Yes	19436 (10.0)
No	174465 (90.0)
Pre-hospital Outcome (%)	N=193976
Pronounced in the Field	57855 (29.8)
Pronounced in ED	31101 (16.0)
Ongoing Resuscitation in ED	105020 (54.1)
Overall Survival (%)	N=193976
Overall Survival to Hospital Admission	55622 (28.7)
Overall Survival to Hospital Discharge	20835 (10.7)
With Good or Moderate Cerebral Performance	16671 (8.6)
Missing hospital outcome	706
Utstein¹ Survival (%)	N=23213
	33.4
Utstein Bystander² Survival (%)	N=13868
	37.6

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)