

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 1/1/16 Through 12/31/16

Data	National N=61647
Age	N=61607
Mean	62.2
Median	64.0
Gender (%)	N=61645
Female	23606 (38.3)
Male	38039 (61.7)
Race (%)	N=61629
American-Indian/Alaskan	271 (0.4)
Asian	1319 (2.1)
Black/African-American	12663 (20.5)
Hispanic/Latino	3362 (5.5)
Native Hawaiian/Pacific Islander	263 (0.4)
White	29401 (47.7)
Unknown	14350 (23.3)
Location of Arrest (%)	N=61646
Home/Residence	42221 (68.5)
Nursing Home	6487(10.5)
Public Setting	12938 (21.0)
Arrest witnessed (%)	N=61645
Bystander Witnessed	23011 (37.3)
Witnessed by 911 Responder	7445 (12.1)
Unwitnessed	31189 (50.6)
Who Initiated CPR? (%)	N=61646
Not Applicable	51 (0.1)
Bystander	25110 (40.7)
First Responder	17498 (28.4)
Emergency Medical Services (EMS)	18987 (30.8)
Was an AED applied prior to EMS arrival? (%)	N=61644
Yes	17604 (28.6)
No	44040 (71.4)
Who first applied automated external defibrillator? (%)	N=17591
Bystander	3516 (20.0)
First Responder	14075 (80.0)
Who first defibrillated the patient?* (%)	N=59805
Not Applicable	39575 (66.2)
Bystander	1021 (1.7)
First Responder	3691 (6.2)
Responding EMS Personnel	15518 (25.9)
First Arrest Rhythm (%)	N=61640
Vfib/Vtach/Unknown Shockable Rhythm	12217 (19.8)
Asystole	29151 (47.3)
Idioventricular/PEA	13268 (21.5)
Unknown Unshockable Rhythm	7004 (11.4)
Sustained ROSC (%)	N=61644
Yes	20071 (32.6)
No	41573 (67.4)
Was hypothermia care provided in the field? (%)	N=61645
Yes	3775 (6.1)
No	57870 (93.9)
Pre-hospital Outcome (%)	N=61647
Pronounced in the Field	19968 (32.4)
Pronounced in ED	9233 (15.0)
Ongoing Resuscitation in ED	32446 (52.6)
Overall Survival (%)	N=61647
Overall Survival to Hospital Admission	17803 (28.9)
Overall Survival to Hospital Discharge	6670 (10.8)
With Good or Moderate Cerebral Performance	5498 (8.9)
Missing hospital outcome	124
Utstein¹ Survival (%)	N=7256
	33.9
Utstein Bystander² Survival (%)	N=4301
	38.2

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)