

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 1/1/14 Through 12/31/14

Data	National N=39444
Age	N=39413
Mean	64.7
Median	66.0
Gender (%)	N=39439
Female	15029 (38.1)
Male	24410 (61.9)
Race (%)	N=39422
American-Indian/Alaskan	217 (0.6)
Asian	718 (1.8)
Black/African-American	8434 (21.4)
Hispanic/Latino	2301 (5.8)
Native Hawaiian/Pacific Islander	201 (0.5)
White	18359 (46.6)
Unknown	9192 (23.3)
Location of Arrest (%)	N=39442
Home/Residence	27303 (69.2)
Nursing Home	4326(11.0)
Public Setting	7813 (19.8)
Arrest witnessed (%)	N=39440
Bystander Witnessed	15243 (38.6)
Witnessed by 911 Responder	4110 (10.4)
Unwitnessed	20087 (50.9)
Who Initiated CPR? (%)	N=39443
Not Applicable	52 (0.1)
Bystander	16332 (41.4)
First Responder	10631 (27.0)
Emergency Medical Services (EMS)	12428 (31.5)
Was an AED applied prior to EMS arrival? (%)	N=39443
Yes	10987 (27.9)
No	28456 (72.1)
Who first applied automated external defibrillator? (%)	N=10990
Bystander	2055 (18.7)
First Responder	8924 (81.2)
Who first defibrillated the patient?* (%)	N=37344
Not Applicable	23966 (64.2)
Bystander	663 (1.8)
First Responder	2549 (6.8)
Responding EMS Personnel	10166 (27.2)
First Arrest Rhythm (%)	N=39444
Vfib/Vtach/Unknown Shockable Rhythm	8905 (22.6)
Asystole	17923 (45.4)
Idioventricular/PEA	7962 (20.2)
Unknown Unshockable Rhythm	4654 (11.8)
Sustained ROSC (%)	N=39383
Yes	12188 (30.9)
No	27195 (69.1)
Was hypothermia care provided in the field? (%)	N=39438
Yes	4881 (12.4)
No	34557 (87.6)
Pre-hospital Outcome (%)	N=39444
Pronounced in the Field	11227 (28.5)
Pronounced in ED	6882 (17.4)
Ongoing Resuscitation in ED	21335 (54.1)
Overall Survival (%)	N=39444
Overall Survival to Hospital Admission	10496 (26.6)
Overall Survival to Hospital Discharge	4064 (10.3)
With Good or Moderate Cerebral Performance	3212 (8.1)
Missing hospital outcome	182
Utstein¹ Survival (%)	N=5361
	32.8%
Utstein Bystander² Survival (%)	N=3257
	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)