

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 12/31/2017

Data	National N=274231
Age	N=274060
Mean	62.4
Median	64.0
Gender (%)	N=274213
Female	105857 (38.6)
Male	168356 (61.4)
Race (%)	N=274128
American-Indian/Alaskan	1181 (0.4)
Asian	5288 (1.9)
Black/African-American	59359 (21.7)
Hispanic/Latino	15352 (5.6)
Native Hawaiian/Pacific Islander	1280 (0.5)
White	128139 (46.7)
Unknown	63529 (23.2)
Location of Arrest (%)	N=274225
Home/Residence	190654 (69.5)
Nursing Home	29801 (10.9)
Public Setting	53770 (19.6)
Arrest witnessed (%)	N=274218
Bystander Witnessed	101641 (37.1)
Witnessed by 911 Responder	33650 (12.3)
Unwitnessed	138926 (50.7)
Who Initiated CPR? (%)	N=274226
Not Applicable	241 (0.1)
Bystander	109705 (40.0)
First Responder	77279 (28.2)
Emergency Medical Services (EMS)	87001 (31.7)
Was an AED applied prior to EMS arrival? (%)	N=274220
Yes	77921 (28.4)
No	196299 (71.6)
Who first applied automated external defibrillator? (%)	N=77915
Bystander	15035 (19.3)
First Responder	62844 (80.7)
Who first defibrillated the patient?* (%)	N=263577
Not Applicable	178306 (67.6)
Bystander	4291 (1.6)
First Responder	15926 (6.0)
Responding EMS Personnel	65054 (24.7)
First Arrest Rhythm (%)	N=274211
Vfib/Vtach/Unknown Shockable Rhythm	53659 (19.6)
Asystole	131282 (47.9)
Idioventricular/PEA	58527 (21.3)
Unknown Unshockable Rhythm	30743 (11.2)
Sustained ROSC (%)	N=274122
Yes	88463 (32.3)
No	185659 (67.7)
Was hypothermia care provided in the field? (%)	N=274157
Yes	24090 (8.8)
No	250067 (91.2)
Pre-hospital Outcome (%)	N=274231
Pronounced in the Field	86702 (31.6)
Pronounced in ED	43392 (15.8)
Ongoing Resuscitation in ED	144137 (52.6)
Overall Survival (%)	N=274231
Overall Survival to Hospital Admission	77824 (28.4)
Overall Survival to Hospital Discharge	29047 (10.6)
With Good or Moderate Cerebral Performance	23266 (8.5)
Missing hospital outcome	936
Utstein¹ Survival (%)	N=31907
	33.0%
Utstein Bystander² Survival (%)	N=18993
	37.1%

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)