

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 10/1/05 Through 12/31/15

Data	National N=192182
Age	N=191949
Mean	64.3
Median	65.0
Gender (%)	N=192151
Female	73845 (38.4)
Male	118306 (61.6)
Race (%)	N=192000
American-Indian/Alaskan	909 (0.5)
Asian	3303 (1.7)
Black/African-American	42525 (22.1)
Hispanic/Latino	11047 (5.8)
Native Hawaiian/Pacific Islander	1113 (0.6)
White	84629 (44.1)
Unknown	48474 (25.2)
Location of Arrest (%)	N=191678
Home/Residence	131824 (68.8)
Nursing Home	22407(11.7)
Public Setting	37447 (19.5)
Arrest witnessed (%)	N=192173
Bystander Witnessed	73115 (38.0)
Witnessed by 911 Responder	20404 (10.6)
Unwitnessed	98652 (51.3)
Who Initiated CPR? (%)	N=192153
Not Applicable	238 (0.1)
Bystander	75124 (39.1)
First Responder	55291 (28.8)
Emergency Medical Services (EMS)	61500 (32.0)
Was an AED applied prior to EMS arrival? (%)	N=191346
Yes	52011 (27.2)
No	139335 (72.8)
Who first applied automated external defibrillator? (%)	N=52003
Bystander	8888 (17.1)
First Responder	43051 (82.8)
Who first defibrillated the patient?* (%)	N=148474
Not Applicable	95395 (64.3)
Bystander	2600 (1.8)
First Responder	10277 (6.9)
Responding EMS Personnel	40197 (27.1)
First Arrest Rhythm (%)	N=192156
Vfib/Vtach/Unknown Shockable Rhythm	44289 (23.0)
Asystole	88910 (46.3)
Idioventricular/PEA	38876 (20.2)
Unknown Unshockable Rhythm	20081 (10.5)
Sustained ROSC (%)	N=191588
Yes	58751 (30.7)
No	132837 (69.3)
Was hypothermia care provided in the field? (%)	N=168380
Yes	21556 (12.8)
No	146824 (87.2)
Pre-hospital Outcome (%)	N=192182
Pronounced in the Field	52181 (27.2)
Pronounced in ED	34835 (18.1)
Ongoing Resuscitation in ED	105166 (54.7)
Overall Survival (%)	N=192182
Overall Survival to Hospital Admission	51724 (26.9)
Overall Survival to Hospital Discharge	19798 (10.3)
With Good or Moderate Cerebral Performance	15440 (8.0)
Missing hospital outcome	867
Utstein¹ Survival (%)	N=26163
	32.8%
Utstein Bystander² Survival (%)	N=15005
	37.0%

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)