

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Service Date: 01/01/19 - 12/31/19

Data	National N=100956
Age	N=100923
Mean	62.4
Median	65.0
Gender (%)	N=100950
Female	38128 (37.8)
Male	62822 (62.2)
Race (%)	N=100914
American-Indian/Alaskan	384 (0.4)
Asian	2134 (2.1)
Black/African-American	22750 (22.5)
Hispanic/Latino	6803 (6.7)
Native Hawaiian/Pacific Islander	439 (0.4)
White	50985 (50.5)
Unknown	17419 (17.3)
Location of Arrest (%)	N=100955
Home/Residence	71109 (70.4)
Nursing Home	10991 (10.9)
Public Setting	18855 (18.7)
Arrest witnessed (%)	N=100955
Bystander Witnessed	38344 (38.0)
Witnessed by 911 Responder	12605 (12.5)
Unwitnessed	50006 (49.5)
Who Initiated CPR? (%)	N=100948
Not Applicable	51 (0.1)
Bystander	41962 (41.6)
First Responder	28207 (27.9)
Emergency Medical Services (EMS)	30728 (30.4)
Was an AED applied prior to EMS arrival? (%)	N=100953
Yes	29104 (28.8)
No	71849 (71.2)
Who first applied automated external defibrillator? (%)	N=29069
Bystander	6552 (22.5)
First Responder	22517 (77.5)
Who first defibrillated the patient?* (%)	N=99622
Not Applicable	68516 (68.8)
Bystander	1729 (1.7)
First Responder	6017 (6.0)
Responding EMS Personnel	23360 (23.4)
First Arrest Rhythm (%)	N=100943
Vfib/Vtach/Unknown Shockable Rhythm	19084 (18.9)
Asystole	50281 (49.8)
Idioventricular/PEA	22382 (22.2)
Unknown Unshockable Rhythm	9196 (9.1)
Sustained ROSC (%)	N=100936
Yes	31029 (30.7)
No	69907 (69.3)
Was hypothermia care provided in the field? (%)	N=100954
Yes	3395 (3.4)
No	97559 (96.6)
Pre-hospital Outcome (%)	N=100953
Pronounced in the Field	36730 (36.4)
Pronounced in ED	13392 (13.3)
Ongoing Resuscitation in ED	50831 (50.4)
Overall Survival (%)	N=100956
Overall Survival to Hospital Admission	28188 (27.9)
Overall Survival to Hospital Discharge	10641 (10.5)
With Good or Moderate Cerebral Performance	8569 (8.5)
Missing hospital outcome	174
Utstein¹ Survival (%)	N=11471
	33.2%
Utstein Bystander² Survival (%)	N=6948
	37.3%

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)