

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: 01/01/21-12/31/21

Data	National N=146924
Age	N=146891
Mean	61.9
Median	64.0
Gender (%)	N=146918
Female	55012 (37.4)
Male	91864 (62.5)
Race (%)	N=146922
American-Indian/Alaskan	525 (0.4)
Asian	3645 (2.5)
Black/African-American	31938 (21.7)
Hispanic/Latino	12593 (8.6)
Native Hawaiian/Pacific Islander	802 (0.5)
White	73319 (49.9)
Multi-racial	500 (0.3)
Unknown	23600 (16.1)
Location of Arrest (%)	N=146922
Home/Residence	108245 (73.7)
Nursing Home	14754 (10.0)
Public Setting	23923 (16.3)
Arrest witnessed (%)	N=146916
Bystander Witnessed	55064 (37.5)
Witnessed by 911 Responder	17845 (12.1)
Unwitnessed	74007 (50.4)
Who Initiated CPR? (%)	N=146920
Not Applicable	62 (0.0)
Bystander	59738 (40.7)
First Responder	45464 (30.9)
Emergency Medical Services (EMS)	41656 (28.4)
Was an AED applied prior to EMS arrival? (%)	N=146922
Yes	40753 (27.7)
No	106169 (72.3)
Who first applied automated external defibrillator? (%)	N=40728
Bystander	8422 (20.7)
First Responder	32306 (79.3)
Who first defibrillated the patient?* (%)	N=145919
Not Applicable	104038 (71.3)
Bystander	1911 (1.3)
First Responder	7940 (5.4)
Responding EMS Personnel	32030 (22.0)
First Arrest Rhythm (%)	N=146895
Vfib/Vtach/Unknown Shockable Rhythm	24083 (16.4)
Asystole	77581 (52.8)
Idioventricular/PEA	32544 (22.2)
Unknown Unshockable Rhythm	12687 (8.6)
Sustained ROSC (%)	N=146864
Yes	39820 (27.1)
No	107044 (72.9)
Was hypothermia care provided in the field? (%)	N=146914
Yes	4127 (2.8)
No	142787 (97.2)
Pre-hospital Outcome (%)	N=146924
Pronounced in the Field	62260 (42.4)
Pronounced in ED	14711 (10.0)
Ongoing Resuscitation in ED	69953 (47.6)
Overall Survival (%)	N=146924
Overall Survival to Hospital Admission	36294 (24.7)
Overall Survival to Hospital Discharge	13403 (9.1)
With Good or Moderate Cerebral Performance	10532 (7.2)
Missing hospital outcome	305
Utstein¹ Survival (%)	N=14251
	29.0%
Utstein Bystander² Survival (%)	N=8370
	32.5%

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)