

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: 01/01/20 - 12/31/20

Data	National N=127376
Age	N=127337
Mean	62.3
Median	65.0
Gender (%)	N=127370
Female	48256 (37.9)
Male	79109 (62.1)
Race (%)	N=127312
American-Indian/Alaskan	503 (0.4)
Asian	2917 (2.3)
Black/African-American	29572 (23.2)
Hispanic/Latino	10229 (8.0)
Native Hawaiian/Pacific Islander	583 (0.5)
White	64949 (51.0)
Multi-racial	32 (0.0)
Unknown	18540 (14.6)
Location of Arrest (%)	N=127374
Home/Residence	94556 (74.2)
Nursing Home	13588 (10.7)
Public Setting	19230 (15.1)
Arrest witnessed (%)	N=127370
Bystander Witnessed	47206 (37.1)
Witnessed by 911 Responder	16344 (12.8)
Unwitnessed	63820 (50.1)
Who Initiated CPR? (%)	N=127366
Not Applicable	56 (0.0)
Bystander	51906 (40.8)
First Responder	35977 (28.2)
Emergency Medical Services (EMS)	39427 (31.0)
Was an AED applied prior to EMS arrival? (%)	N=127373
Yes	33862 (26.6)
No	93511 (73.4)
Who first applied automated external defibrillator? (%)	N=33826
Bystander	7375 (21.8)
First Responder	26451 (78.2)
Who first defibrillated the patient?* (%)	N=126071
Not Applicable	90306 (71.6)
Bystander	1594 (1.3)
First Responder	6474 (5.1)
Responding EMS Personnel	27697 (22.0)
First Arrest Rhythm (%)	N=127359
Vfib/Vtach/Unknown Shockable Rhythm	20953 (16.5)
Asystole	67749 (53.2)
Idioventricular/PEA	28196 (22.1)
Unknown Unshockable Rhythm	10461 (8.2)
Sustained ROSC (%)	N=127334
Yes	34524 (27.1)
No	92810 (72.9)
Was hypothermia care provided in the field? (%)	N=127376
Yes	4530 (3.6)
No	122846 (96.4)
Pre-hospital Outcome (%)	N=127376
Pronounced in the Field	54015 (42.4)
Pronounced in ED	15287 (12.0)
Ongoing Resuscitation in ED	58074 (45.6)
Overall Survival (%)	N=127376
Overall Survival to Hospital Admission	30608 (24.0)
Overall Survival to Hospital Discharge	11419 (9.0)
With Good or Moderate Cerebral Performance	9063 (7.1)
Missing hospital outcome	196
Utstein¹ Survival (%)	N=12241
	29.2%
Utstein Bystander² Survival (%)	N=7269
	33.0%

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)