

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: 01/01/22-12/31/22

Data	National N=147736
<b>Age</b>	<b>N=147714</b>
Mean	62.2
Median	65.0
<b>Gender (%)</b>	<b>N=147735</b>
Female	55091 (37.3)
Male	92606 (62.7)
<b>Race (%)</b>	<b>N=147736</b>
American-Indian/Alaskan	577 (0.4)
Asian	3811 (2.6)
Black/African-American	31303 (21.2)
Hispanic/Latino	12193 (8.3)
Native Hawaiian/Pacific Islander	677 (0.5)
White	74687 (50.6)
Multi-racial	584 (0.4)
Unknown	23904 (16.2)
<b>Location of Arrest (%)</b>	<b>N=147736</b>
Home/Residence	106953 (72.4)
Nursing Home	15247 (10.3)
Public Setting	25536 (17.3)
<b>Arrest witnessed (%)</b>	<b>N=147732</b>
Bystander Witnessed	54887 (37.2)
Witnessed by 911 Responder	17085 (11.6)
Unwitnessed	75760 (51.3)
<b>Who Initiated CPR? (%)</b>	<b>N=147733</b>
Not Applicable	60 (0.0)
Bystander	60247 (40.8)
First Responder	47072 (31.9)
Emergency Medical Services (EMS)	40354 (27.3)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=147734</b>
Yes	43327 (29.3)
No	104407 (70.7)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=43330</b>
Bystander	8995 (20.8)
First Responder	34335 (79.2)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=147714</b>
Not Applicable	104746 (70.9)
Bystander	2244 (1.5)
First Responder	9105 (6.2)
Responding EMS Personnel	31619 (21.4)
<b>First Arrest Rhythm (%)</b>	<b>N=147703</b>
Vfib/Vtach/Unknown Shockable Rhythm	25081 (17.0)
Asystole	77774 (52.7)
Idioventricular/PEA	32441 (22.0)
Unknown Unshockable Rhythm	12407 (8.4)
<b>Sustained ROSC (%)</b>	<b>N=147704</b>
Yes	39408 (26.7)
No	108296 (73.3)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=147735</b>
Yes	3703 (2.5)
No	144032 (97.5)
<b>Pre-hospital Outcome (%)</b>	<b>N=147736</b>
Pronounced in the Field	64995 (44.0)
Pronounced in ED	13764 (9.3)
Ongoing Resuscitation in ED	68977 (46.7)
<b>Overall Survival (%)</b>	<b>N=147736</b>
Overall Survival to Hospital Admission	36782 (24.9)
Overall Survival to Hospital Discharge	13794 (9.3)
With Good or Moderate Cerebral Performance	11110 (7.5)
Missing hospital outcome	331
<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=15087</b>
	30.7%
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=8856</b>
	34.3%

*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.*

*<sup>1</sup>Witnessed by bystander and found in a shockable rhythm*

*<sup>2</sup>Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)*