

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: From 1/1/2013 Through 12/31/2021

Data	National N=736066
<b>Age</b>	<b>N=735755</b>
Mean	62.2
Median	64.0
<b>Gender (%)</b>	<b>N=736028</b>
Female	279935 (38.0)
Male	456045 (62.0)
<b>Race (%)</b>	<b>N=735831</b>
American-Indian/Alaskan	2653 (0.4)
Asian	16079 (2.2)
Black/African-American	163699 (22.2)
Hispanic/Latino	50705 (6.9)
Native Hawaiian/Pacific Islander	3544 (0.5)
White	362903 (49.3)
Multi-racial	533 (0.1)
Unknown	135732 (18.4)
<b>Location of Arrest (%)</b>	<b>N=736055</b>
Home/Residence	525601 (71.4)
Nursing Home	78188 (10.6)
Public Setting	132266 (18.0)
<b>Arrest witnessed (%)</b>	<b>N=736027</b>
Bystander Witnessed	274652 (37.3)
Witnessed by 911 Responder	91324 (12.4)
Unwitnessed	370051 (50.3)
<b>Who Initiated CPR? (%)</b>	<b>N=736028</b>
Not Applicable	460 (0.1)
Bystander	298265 (40.5)
First Responder	211212 (28.7)
Emergency Medical Services (EMS)	226091 (30.7)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=736047</b>
Yes	205680 (27.9)
No	530367 (72.1)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=205539</b>
Bystander	42493 (20.7)
First Responder	163036 (79.3)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=720344</b>
Not Applicable	500563 (69.5)
Bystander	10957 (1.5)
First Responder	41010 (5.7)
Responding EMS Personnel	167814 (23.3)
<b>First Arrest Rhythm (%)</b>	<b>N=735967</b>
Vfib/Vtach/Unknown Shockable Rhythm	134107 (18.2)
Asystole	370151 (50.3)
Idioventricular/PEA	160804 (21.8)
Unknown Unshockable Rhythm	70905 (9.6)
<b>Sustained ROSC (%)</b>	<b>N=735828</b>
Yes	221462 (30.1)
No	514366 (69.9)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=736008</b>
Yes	39989 (5.4)
No	696019 (94.6)
<b>Pre-hospital Outcome (%)</b>	<b>N=736066</b>
Pronounced in the Field	270572 (36.8)
Pronounced in ED	98644 (13.4)
Ongoing Resuscitation in ED	366850 (49.8)
<b>Overall Survival (%)</b>	<b>N=736066</b>
Overall Survival to Hospital Admission	198232 (26.9)
Overall Survival to Hospital Discharge	74116 (10.1)
With Good or Moderate Cerebral Performance	58985 (8.0)
Missing hospital outcome	1700
<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=79580</b>
	31.9%
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=47289</b>
	36.2%

*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)*