

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Service Date: From 01/01/2013 Through 12/31/2019

Data	National N=457627
<b>Age</b>	<b>N=457391</b>
Mean	62.4
Median	64.0
<b>Gender (%)</b>	<b>N=457600</b>
Female	175194 (38.3)
Male	282406 (61.7)
<b>Race (%)</b>	<b>N=457463</b>
American-Indian/Alaskan	1921 (0.4)
Asian	9265 (2.0)
Black/African-American	100496 (22.0)
Hispanic/Latino	27566 (6.0)
Native Hawaiian/Pacific Islander	2123 (0.5)
White	221403 (48.4)
Unknown	94689 (20.7)
<b>Location of Arrest (%)</b>	<b>N=457620</b>
Home/Residence	319818 (69.9)
Nursing Home	49776 (10.9)
Public Setting	88026 (19.2)
<b>Arrest witnessed (%)</b>	<b>N=457610</b>
Bystander Witnessed	170868 (37.3)
Witnessed by 911 Responder	56463 (12.3)
Unwitnessed	230277 (50.3)
<b>Who Initiated CPR? (%)</b>	<b>N=457610</b>
Not Applicable	347 (0.1)
Bystander	184800 (40.4)
First Responder	129060 (28.2)
Emergency Medical Services (EMS)	143403 (31.3)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=457609</b>
Yes	130575 (28.5)
No	327034 (71.5)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=130521</b>
Bystander	26752 (20.5)
First Responder	103733 (79.5)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=444302</b>
Not Applicable	303107 (68.2)
Bystander	7421 (1.7)
First Responder	26569 (6.0)
Responding EMS Personnel	107205 (24.1)
<b>First Arrest Rhythm (%)</b>	<b>N=457572</b>
Vfib/Vtach/Unknown Shockable Rhythm	88201 (19.3)
Asystole	223432 (48.8)
Idioventricular/PEA	98788 (21.6)
Unknown Unshockable Rhythm	47151 (10.3)
<b>Sustained ROSC (%)</b>	<b>N=457494</b>
Yes	145044 (31.7)
No	312450 (68.3)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=457579</b>
Yes	30417 (6.6)
No	427162 (93.4)
<b>Pre-hospital Outcome (%)</b>	<b>N=457621</b>
Pronounced in the Field	152428 (33.3)
Pronounced in ED	68637 (15.0)
Ongoing Resuscitation in ED	236556 (51.7)
<b>Overall Survival (%)</b>	<b>N=457627</b>
Overall Survival to Hospital Admission	129259 (28.2)
Overall Survival to Hospital Discharge	48315 (10.6)
With Good or Moderate Cerebral Performance	38659 (8.4)
Missing hospital outcome	1365
<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=52555</b>
	33.1%
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=31328</b>
	37.2%

*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)