



# **2024 CARES Report**

# CARES Summary Report

## Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: 01/01/24-12/31/24

Data	Clark N=290	Washington N=5188	National N=137119
<b>Age</b>	<b>N=290</b>	<b>N=5187</b>	<b>N=137100</b>
Mean	67.1	61.1	63.1
Median	69.0	64.0	66.0
<b>Sex (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137106</b>
Female	109 (37.6)	1769 (34.1)	50482 (36.8)
Male	181 (62.4)	3419 (65.9)	86624 (63.2)
<b>Race (%)</b>	<b>N=290</b>	<b>N=5187</b>	<b>N=137113</b>
American-Indian/Alaskan	0 (0.0)	62 (1.2)	560 (0.4)
Asian	9 (3.1)	62 (1.2)	4100 (3.0)
Black/African-American	13 (4.5)	151 (2.9)	29454 (21.5)
Hispanic/Latino	5 (1.7)	227 (4.4)	12726 (9.3)
Native Hawaiian/Pacific Islander	9 (3.1)	47 (0.9)	619 (0.5)
White	254 (87.6)	2299 (44.3)	71936 (52.5)
Multi-racial	0 (0.0)	16 (0.3)	712 (0.5)
Unknown	0 (0.0)	2323 (44.8)	17006 (12.4)
<b>Location of Arrest (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137117</b>
Home/Residence	225 (77.6)	3767 (72.6)	97774 (71.3)
Nursing Home	21 (7.2)	425 (8.2)	14730 (10.7)
Public Setting	44 (15.2)	996 (19.2)	24613 (18.0)
<b>Arrest witnessed (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137118</b>
Bystander Witnessed	98 (33.8)	1925 (37.1)	51419 (37.5)
Witnessed by 911 Responder	39 (13.4)	576 (11.1)	16859 (12.3)
Unwitnessed	153 (52.8)	2687 (51.8)	68840 (50.2)
<b>Who Initiated CPR? (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=136786</b>
Not Applicable	0 (0.0)	5 (0.1)	42 (0.0)
Bystander	141 (48.6)	2609 (50.3)	57289 (41.9)
First Responder	91 (31.4)	1354 (26.1)	42529 (31.1)
Emergency Medical Services (EMS)	58 (20.0)	1220 (23.5)	36926 (27.0)
<b>Was an AED applied prior to EMS arrival? (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137116</b>
Yes	133 (45.9)	1271 (24.5)	40031 (29.2)
No	157 (54.1)	3917 (75.5)	97085 (70.8)
<b>Who first applied automated external defibrillator? (%)</b>	<b>N=133</b>	<b>N=1272</b>	<b>N=40654</b>
Bystander	7 (5.3)	226 (17.8)	9251 (22.8)
First Responder	126 (94.7)	1046 (82.2)	31403 (77.2)
<b>Who first defibrillated the patient?* (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137109</b>
Not Applicable	220 (75.9)	3428 (66.1)	95677 (69.8)
Bystander	2 (0.7)	73 (1.4)	2393 (1.7)
First Responder	27 (9.3)	294 (5.7)	9797 (7.1)
Responding EMS Personnel	41 (14.1)	1393 (26.9)	29242 (21.3)
<b>First Arrest Rhythm (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137101</b>
Vfib/Vtach/Unknown Shockable Rhythm	69 (23.8)	1082 (20.9)	24747 (18.1)
Asystole	141 (48.6)	2219 (42.8)	69425 (50.6)
Idioventricular/PEA	80 (27.6)	911 (17.6)	30865 (22.5)
Unknown Unshockable Rhythm	0 (0.0)	976 (18.8)	12064 (8.8)
<b>Sustained ROSC (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137071</b>
Yes	120 (41.4)	1918 (37.0)	34752 (25.4)
No	170 (58.6)	3270 (63.0)	102319 (74.6)
<b>Was hypothermia care provided in the field? (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137093</b>
Yes	0 (0.0)	21 (0.4)	4384 (3.2)
No	290 (100.0)	5167 (99.6)	132709 (96.8)
<b>Pre-hospital Outcome (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137119</b>
Pronounced in the Field	134 (46.2)	2869 (55.3)	59026 (43.0)

Pronounced in ED	5 (1.7)	228 (4.4)	13579 (9.9)
Ongoing Resuscitation in ED	151 (52.1)	2091 (40.3)	64514 (47.0)
<b>Overall Survival (%)</b>	<b>N=290</b>	<b>N=5188</b>	<b>N=137119</b>
Overall Survival to Hospital Admission	111 (38.3)	1639 (31.6)	35181 (25.7)
Overall Survival to Hospital Discharge	55 (19.0)	730 (14.1)	14390 (10.5)
With Good or Moderate Cerebral Performance	50 (17.2)	650 (12.5)	11280 (8.2)
Missing hospital outcome	1	9	334

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<b>Utstein<sup>1</sup> Survival (%)</b>	<b>N=35</b>	<b>N=640</b>	<b>N=1484</b>
			<b>4</b>
	54.3%	40.8%	33.4%
<b>Utstein Bystander<sup>2</sup> Survival (%)</b>	<b>N=20</b>	<b>N=441</b>	<b>N=9007</b>
	50.0%	43.5%	37.6%

*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)*