

CARES Summary Report

Demographic and Survival Characteristics of OHCA

End of the Event: 1 | Arrest Witness Status: All | Resuscitation Attempted by 911 Responder: Yes | Presumed Cardiac Arrest Etiology: Presumed Cardiac Etiology, Respiratory, Drowning, Electrocution, Other | Service Date: From 01/01/2014 Through 12/31/2014

Data	Washington DC Fire N=612	National N=45501
Age	N=612	N=45464
Mean	62.7	62.9
Median	63.0	65.0
Gender (%)	N=612	N=45496
Female	263 (43.0)	17696 (38.9)
Male	349 (57.0)	27800 (61.1)
Race (%)	N=612	N=45474
American-Indian/Alaskan	43 (7.0)	257 (0.6)
Asian	4 (0.7)	830 (1.8)
Black/African-American	398 (65.0)	9543 (21.0)
Hispanic/Latino	14 (2.3)	2597 (5.7)
Native Hawaiian/Pacific Islander	1 (0.2)	238 (0.5)
White	73 (11.9)	21067 (46.3)
Unknown	79 (12.9)	10942 (24.1)
Location of Arrest (%)	N=612	N=45497
Home/Residence	424 (69.3)	31830 (70.0)
Nursing Home	74 (12.1)	4805 (10.6)
Public Setting	114 (18.6)	8862 (19.5)
Arrest witnessed (%)	N=612	N=45496
Bystander Witnessed	158 (25.8)	17133 (37.7)
Witnessed by 911 Responder	87 (14.2)	5499 (12.1)
Unwitnessed	367 (60.0)	22864 (50.3)
Who Initiated CPR? (%)	N=612	N=45500
Not Applicable	0 (0.0)	56 (0.1)
Bystander	138 (22.5)	18360 (40.4)
First Responder	21 (3.4)	12198 (26.8)
Emergency Medical Services (EMS)	453 (74.0)	14886 (32.7)
Was an AED applied prior to EMS arrival? (%)	N=612	N=45499
Yes	29 (4.7)	12316 (27.1)
No	583 (95.3)	33183 (72.9)
Who first applied automated external defibrillator? (%)	N=29	N=12320
Bystander	19 (65.5)	2238 (18.2)
First Responder	10 (34.5)	10070 (81.7)
Who first defibrillated the patient?* (%)	N=612	N=42971
Not Applicable	460 (75.2)	28707 (66.8)
Bystander	7 (1.1)	688 (1.6)
First Responder	4 (0.7)	2641 (6.1)
Responding EMS Personnel	141 (23.0)	10935 (25.4)
First Arrest Rhythm (%)	N=612	N=45500
Vfib/Vtach/Unknown Shockable Rhythm	81 (13.2)	9293 (20.4)
Asystole	338 (55.2)	20760 (45.6)
Idioventricular/PEA	161 (26.3)	9740 (21.4)
Unknown Unshockable Rhythm	32 (5.2)	5707 (12.5)
Sustained ROSC (%)	N=612	N=45434
Yes	155 (25.3)	14609 (32.2)
No	457 (74.7)	30825 (67.8)
Was hypothermia care provided in the field? (%)	N=612	N=45494
Yes	3 (0.5)	5523 (12.1)
No	609 (99.5)	39971 (87.9)
Pre-hospital Outcome (%)	N=612	N=45501
Pronounced in the Field	44 (7.2)	12593 (27.7)
Pronounced in ED	250 (40.8)	7627 (16.8)
Ongoing Resuscitation in ED	318 (52.0)	25281 (55.6)
Overall Survival (%)	N=612	N=45501
Overall Survival to Hospital Admission	151 (24.7)	12878 (28.3)
Overall Survival to Hospital Discharge	34 (5.6)	4903 (10.8)
With Good or Moderate Cerebral Performance	26 (4.2)	3849 (8.5)
Missing hospital outcome	2	216
Utstein¹ Survival (%)	N=33	N=5521
	30.3%	32.5%
Utstein Bystander² Survival (%)	N=13	N=3343
	38.5%	36.1%

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)