

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Service Date: From 1/1/11 Through 12/31/11

Data	National N=14403
Age	N=14362
Mean	64.4
Median	65.0
Gender (%)	N=14399
Female	5571 (38.7)
Male	8828 (61.3)
Race (%)	N=14360
American-Indian/Alaskan	68 (0.5)
Asian	205 (1.4)
Black/African-American	3497 (24.4)
Hispanic/Latino	764 (5.3)
Native Hawaiian/Pacific Islander	123 (0.9)
White	5416 (37.7)
Unknown	4287 (29.9)
Location of Arrest (%)	N=14403
Healthcare Facility	591 (4.1)
Home/Residence	9616 (66.8)
Industrial Place	68 (0.5)
Nursing Home	1821 (12.6)
Other	303 (2.1)
Place of Recreation	202 (1.4)
Public/Commercial Building	1023 (7.1)
Street/Highway	728 (5.1)
Transport Center	51 (0.4)
Arrest witnessed (%)	N=14402
Bystander Witnessed	5275 (36.6)
Witnessed by EMS	1539 (10.7)
Unwitnessed	7588 (52.7)
Who Initiated CPR? (%)	N=14402
Not Applicable	25 (0.2)
Total Bystanders*	5391 (37.4)
First Responder	3841 (26.7)
Emergency Medical Services (EMS)	5145 (35.7)
Was an AED applied prior to EMS arrival? (%)	N=14402
Yes	3802 (26.4)
No	10600 (73.6)
Who first applied automated external defibrillator? (%)	N=3789
Total Bystanders*	648 (17.1)
First Responder	3141 (82.9)
Who first defibrillated the patient?*** (%)	N=10959
Not Applicable	7069 (64.5)
Total Bystanders*	187 (1.7)
First Responder	823 (7.5)
Responding EMS Personnel	2880 (26.3)
First Arrest Rhythm (%)	N=14403
Vfib/Vtach/Unknown Shockable Rhythm	3246 (22.5)
Asystole	6891 (47.8)
Idioventricular/PEA	3078 (21.4)
Unknown Unshockable Rhythm	1188 (8.2)
Sustained ROSC (%)	N=14393
Yes	4370 (30.4)
No	10023 (69.6)
Was hypothermia care provided in the field? (%)	N=14387
Yes	1909 (13.3)
No	12478 (86.7)

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Pre-hospital Outcome (%)	N=14403
Pronounced in the Field	3654 (25.4)
Pronounced in ED	2871 (19.9)
Ongoing Resuscitation in ED	7878 (54.7)
Overall Survival (%)	N=14403
Overall Survival to Hospital Admission	3800 (26.4)
Overall Survival to Hospital Discharge	1490 (10.3)
With Good or Moderate Cerebral Performance	1114 (7.7)
Missing hospital outcome	121
Utstein Survival (%)	N=1860
Witnessed by bystander and found in shockable rhythm	32.0%
Utstein Bystander Survival (%)	N=1036
Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)	35.5%

Analysis excludes unworked arrests, DNRs, and arrests of non-cardiac etiology.

**Total Bystanders = lay person + lay person family member + lay person medical provider.*

***This is a new question that was introduced on the 2011 form.*