

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Service Date: From 1/1/2011 Through 12/31/2011

Data	National N=15725
Age	N=15681
Mean	64.3
Median	65.0
Gender (%)	N=15720
Female	6062 (38.6)
Male	9658 (61.4)
Race (%)	N=15677
American-Indian/Alaskan	71 (0.5)
Asian	213 (1.4)
Black/African-American	3639 (23.2)
Hispanic/Latino	778 (5.0)
Native Hawaiian/Pacific Islander	126 (0.8)
White	6010 (38.3)
Unknown	4840 (30.9)
Location of Arrest (%)	N=15724
Healthcare Facility	633 (4.0)
Home/Residence	10591 (67.4)
Industrial Place	79 (0.5)
Nursing Home	1960 (12.5)
Other	317 (2.0)
Place of Recreation	220 (1.4)
Public/Commercial Building	1095 (7.0)
Street/Highway	777 (4.9)
Transport Center	52 (0.3)
Arrest witnessed (%)	N=15724
Bystander Witnessed	5845 (37.2)
Witnessed by EMS	1670 (10.6)
Unwitnessed	8209 (52.2)
Who Initiated CPR? (%)	N=15724
Not Applicable	41 (0.3)
Total Bystanders*	5978 (38.0)
First Responder	4047 (25.7)
Emergency Medical Services (EMS)	5658 (36.0)
Was an AED applied prior to EMS arrival? (%)	N=15724
Yes	4031 (25.6)
No	11693 (74.4)
Who first applied automated external defibrillator? (%)	N=4018
Total Bystanders*	684 (17.0)
First Responder	3334 (83.0)
Who first defibrillated the patient?*** (%)	N=12279
Not Applicable	7841 (63.9)
Total Bystanders*	208 (1.7)
First Responder	882 (7.2)
Responding EMS Personnel	3348 (27.3)
First Arrest Rhythm (%)	N=15725
Vfib/Vtach/Unknown Shockable Rhythm	3654 (23.2)
Asystole	7455 (47.4)
Idioventricular/PEA	3328 (21.2)
Unknown Unshockable Rhythm	1288 (8.2)
Sustained ROSC (%)	N=15711
Yes	4815 (30.6)
No	10896 (69.4)
Was hypothermia care provided in the field? (%)	N=15708
Yes	1967 (12.5)
No	13741 (87.5)

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Pre-hospital Outcome (%)	N=15725
Pronounced in the Field	4066 (25.9)
Pronounced in ED	3121 (19.8)
Ongoing Resuscitation in ED	8538 (54.3)
Overall Survival (%)	N=15725
Overall Survival to Hospital Admission	4148 (26.4)
Overall Survival to Hospital Discharge	1644 (10.5)
With Good or Moderate Cerebral Performance	1249 (7.9)
Missing hospital outcome	224
Utstein Survival (%)	N=2125
Witnessed by bystander and found in shockable rhythm	31.2%
Utstein Bystander Survival (%)	N=1187
Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)	35.1%

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.*