

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Service Date: From 10/1/2005 Through 12/31/2011

Data	National N=47234
Age	N=47127
Mean	64.0
Median	65.0
Gender (%)	N=47216
Female	18284 (38.7)
Male	28932 (61.3)
Race (%)	N=47104
American-Indian/Alaskan	248 (0.5)
Asian	675 (1.4)
Black/African-American	12138 (25.8)
Hispanic/Latino	2478 (5.3)
Native Hawaiian/Pacific Islander	302 (0.6)
White	18120 (38.5)
Unknown	13143 (27.9)
Location of Arrest (%)	N=47233
Healthcare Facility	1369 (2.9)
Home/Residence	31947 (67.6)
Industrial Place	297 (0.6)
Nursing Home	6204 (13.1)
Other	1162 (2.5)
Place of Recreation	647 (1.4)
Public/Commercial Building	3134 (6.6)
Street/Highway	2305 (4.9)
Transport Center	168 (0.4)
Arrest witnessed (%)	N=47233
Bystander Witnessed	17425 (36.9)
Witnessed by EMS	5022 (10.6)
Unwitnessed	24786 (52.5)
Who Initiated CPR? (%)	N=47214
Not Applicable	62 (0.1)
Total Bystanders*	16419 (34.8)
First Responder	15250 (32.3)
Emergency Medical Services (EMS)	15483 (32.8)
Was an AED applied prior to EMS arrival? (%)	N=46418
Yes	11190 (24.1)
No	35228 (75.9)
Who first applied automated external defibrillator? (%)	N=11153
Total Bystanders*	1650 (14.8)
First Responder	9503 (85.2)
Who first defibrillated the patient?*** (%)	N=12514
Not Applicable	7976 (63.7)
Total Bystanders*	209 (1.7)
First Responder	900 (7.2)
Responding EMS Personnel	3429 (27.4)
First Arrest Rhythm (%)	N=47219
Vfib/Vtach/Unknown Shockable Rhythm	11157 (23.6)
Asystole	21712 (46.0)
Idioventricular/PEA	9457 (20.0)
Unknown Unshockable Rhythm	4893 (10.4)
Sustained ROSC (%)	N=46792
Yes	13205 (28.2)
No	33587 (71.8)
Was hypothermia care provided in the field? (%)	N=24374
Yes	3383 (13.9)
No	20991 (86.1)

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Pre-hospital Outcome (%)	N=47234
Pronounced in the Field	10893 (23.1)
Pronounced in ED	10698 (22.6)
Ongoing Resuscitation in ED	25643 (54.3)
Overall Survival (%)	N=47234
Overall Survival to Hospital Admission	12429 (26.3)
Overall Survival to Hospital Discharge	4651 (9.8)
With Good or Moderate Cerebral Performance	3430 (7.3)
Missing hospital outcome	417
Utstein Survival (%)	N=6372
Witnessed by bystander and found in shockable rhythm	30.2%
Utstein Bystander Survival (%)	N=3261
Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)	33.9%

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.*