CARES Summary Report

Demographic and Survival Characteristics of OHCA

End of the Event: Dead in Field, Pronounced Dead in ED, Ongoing Resuscitation in ED | Arrest Witness Status: All | Resuscitation Attempted by 911 Responder: Yes | Presumed Cardiac Arrest Etiology: Presumed Cardiac Etiology, Respiratory/Asphyxia, Drowning/Submersion, Electrocution, Other, Drug Overdose, Exsanguination/Hemorrhage | Service Date: 01/01/18 - 12/31/18

Age N=81839 Mean 62.2 Median 62.2 Median 62.2 Median 62.2 Median 62.2 Gender (%) N=81862 Female 31010 (37.9) Male 50852 (62.1) Race (%) N=81849 American-Indian/Alaskan 321 (0.4) Asian 1811 (2.2) Black/African-American 19456 (23.8) Hispanic/Latino 5122 (6.3) Native Hawaiian/Pacific Islander 359 (0.4) White Hawaiian/Pacific Islander 359 (0.4) Unknown 13900 (17.0) Location of Arrest (%) N=81864 Home/Residence 57476 (70.2) Nursing Home 9116(11.1) Public Setting 15272 (18.7) Arrest witnessed (%) N=81863 Bystander Witnessed 30568 (37.3) Witnessed by 911 Responder 10246 (12.5) Unwitnessed 41048 (50.1) Who Initiated CPR? (%) N=81864 Not Applicable 51 (0.1) Bystander 32776 (40.0) First Responder 32776 (40.0) Emergency Medical Services (EMS) 25329 (30.9) Was an AED applied prior to EMS arrival? (%) N=81863 Yes 24100 (29.4) No 57763 (70.6) Who first applied automated external defibrillator? (%) N=80509 Not Applicable 50042 (69.6) Bystander 1403 (1.7) First Responder 4686 (5.8) Responding EMS Personnel 18396 (22.8) First Arrest withm (%) N=81854 No 181864 Ne 18396 (22.8) First Arrest Rhythm (%) N=81852 Villo/Vach/Unknown Shockable Rhythm 766 (9.5) Sustained ROSC (%) N=81864 Yes 3409 (4.2) No 78455 (95.8) Pre-hospital Outcome (%) N=81864 Pronounced in the Field 29200 (35.7) Pronounced in the Double Discharge 8490 (10.4) With Good of Moderate Cerebral Performance 6729 (8.2) Utstein Bystander² Survival (%) N=81864 Utstein Bystander² Survival (%) N=9046 Utstein Bystander² Survival (%) N=9046 Utstein Bystander² Survival (%) N=9046 Utstein Bystander² Survival (%) N=5055	Data	National N=81864
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33.3% Utstein Bystander² Survival (%) N=5305	•	
Utstein Bystander² Survival (%) N=5305	Utstein¹ Survival (%)	
•		33.3%
37.3%	Utstein Bystander ² Survival (%)	

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.

Witnessed 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)