

CARES Summary Report

Demographic and Survival Characteristics of OHCA

Non-Traumatic Etiology | Arrest Witness Status: All | Date of Arrest: 01/01/13 - 12/31/23

Data	Pennsylvania N=66409
Age	N=66404
Mean	62.8
Median	65.0
Gender (%)	N=66402
Female	25404 (38.3)
Male	40992 (61.7)
Race (%)	N=66409
American-Indian/Alaskan	83 (0.1)
Asian	692 (1.0)
Black/African-American	12878 (19.4)
Hispanic/Latino	2457 (3.7)
Native Hawaiian/Pacific Islander	38 (0.1)
White	37469 (56.4)
Multi-racial	57 (0.1)
Unknown	12736 (19.2)
Location of Arrest (%)	N=66409
Home/Residence	45661 (68.8)
Nursing Home	7685 (11.6)
Public Setting	13063 (19.7)
Arrest witnessed (%)	N=66405
Bystander Witnessed	25981 (39.1)
Witnessed by 911 Responder	7916 (11.9)
Unwitnessed	32508 (49.0)
Who Initiated CPR? (%)	N=66408
Not Applicable	42 (0.1)
Bystander	25085 (37.8)
First Responder	20861 (31.4)
Emergency Medical Services (EMS)	20420 (30.7)
Was an AED applied prior to EMS arrival? (%)	N=66407
Yes	26011 (39.2)
No	40396 (60.8)
Who first applied automated external defibrillator? (%)	N=26021
Bystander	6820 (26.2)
First Responder	19201 (73.8)
Who first defibrillated the patient?* (%)	N=66408
Not Applicable	47952 (72.2)
Bystander	1190 (1.8)
First Responder	4222 (6.4)
Responding EMS Personnel	13044 (19.6)
First Arrest Rhythm (%)	N=66401
Vfib/Vtach/Unknown Shockable Rhythm	10862 (16.4)
Asystole	34625 (52.1)
Idioventricular/PEA	14337 (21.6)
Unknown Unshockable Rhythm	6577 (9.9)
Sustained ROSC (%)	N=66371
Yes	19252 (29.0)
No	47119 (71.0)
Was hypothermia care provided in the field? (%)	N=66409
Yes	729 (1.1)
No	65680 (98.9)
Pre-hospital Outcome (%)	N=66409
Pronounced in the Field	23104 (34.8)
Pronounced in ED	8395 (12.6)
Ongoing Resuscitation in ED	34910 (52.6)
Overall Survival (%)	N=66409
Overall Survival to Hospital Admission	16839 (25.4)
Overall Survival to Hospital Discharge	5677 (8.5)
With Good or Moderate Cerebral Performance	4492 (6.8)
Missing hospital outcome	199
Utstein¹ Survival (%)	N=6736
	28.5%
Utstein Bystander² Survival (%)	N=3741
	33.2%

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)