

CARES Summary Report

Demographic and Survival Characteristics of OHCA

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

Data	Pennsylvania N=7106
Age	N=7106
Mean	63.1
Median	66.0
Gender (%)	N=7106
Female	2647 (37.3)
Male	4458 (62.7)
Race (%)	N=7106
American-Indian/Alaskan	7 (0.1)
Asian	109 (1.5)
Black/African-American	1639 (23.1)
Hispanic/Latino	367 (5.2)
Native Hawaiian/Pacific Islander	3 (0.0)
White	4261 (60.0)
Multi-racial	26 (0.4)
Unknown	694 (9.8)
Location of Arrest (%)	N=7106
Home/Residence	5077 (71.4)
Nursing Home	818 (11.5)
Public Setting	1211 (17.0)
Arrest witnessed (%)	N=7106
Bystander Witnessed	2612 (36.8)
Witnessed by 911 Responder	871 (12.3)
Unwitnessed	3623 (51.0)
Who Initiated CPR? (%)	N=7106
Not Applicable	4 (0.1)
Bystander	2792 (39.3)
First Responder	2472 (34.8)
Emergency Medical Services (EMS)	1838 (25.9)
Was an AED applied prior to EMS arrival? (%)	N=7106
Yes	2889 (40.7)
No	4217 (59.3)
Who first applied automated external defibrillator? (%)	N=2888
Bystander	756 (26.2)
First Responder	2132 (73.8)
Who first defibrillated the patient?* (%)	N=7106
Not Applicable	5132 (72.2)
Bystander	139 (2.0)
First Responder	455 (6.4)
Responding EMS Personnel	1380 (19.4)
First Arrest Rhythm (%)	N=7106
Vfib/Vtach/Unknown Shockable Rhythm	1133 (15.9)
Asystole	3674 (51.7)
Idioventricular/PEA	1444 (20.3)
Unknown Unshockable Rhythm	855 (12.0)
Sustained ROSC (%)	N=7106
Yes	2133 (30.0)
No	4973 (70.0)
Was hypothermia care provided in the field? (%)	N=7106
Yes	36 (0.5)
No	7070 (99.5)
Pre-hospital Outcome (%)	N=7106
Pronounced in the Field	2945 (41.4)
Pronounced in ED	602 (8.5)
Ongoing Resuscitation in ED	3559 (50.1)
Overall Survival (%)	N=7106
Overall Survival to Hospital Admission	1870 (26.3)
Overall Survival to Hospital Discharge	624 (8.8)
With Good or Moderate Cerebral Performance	487 (6.9)
Missing hospital outcome	38
Utstein¹ Survival (%)	N=672
	31.1%
Utstein Bystander² Survival (%)	N=401
	31.4%

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)