

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

2023 RESULTS

Data	Montana N=692
Age	N=692
Mean	
Median	65.0
Gender (%)	N=692
Female	
Male	445 (64.3)
Race (%)	N=692
American-Indian/Alaskan	
Asian	3 (0.4)
Black/African-American	
Hispanic/Latino	7 (1.0)
Native Hawaiian/Pacific Islander	
White	523 (75.6)
Multi-racial	
Unknown	103 (14.9)
Location of Arrest (%)	N=692
Home/Residence	
Nursing Home	28 (4.0)
Public Setting	
Arrest witnessed (%)	N=692
Bystander Witnessed	
Witnessed by 911 Responder	63 (9.1)
Unwitnessed	
Who Initiated CPR? (%)	N=692
Not Applicable	
Bystander	281 (40.6)
First Responder	
Emergency Medical Services (EMS)	118 (17.1)
Was an AED applied prior to EMS arrival? (%)	N=692
Yes	
No	406 (58.7)
Who first applied automated external defibrillator? (%)	N=286
Bystander	
First Responder	260 (90.9)
Who first defibrillated the patient?* (%)	N=692
Not Applicable	
Bystander	13 (1.9)
First Responder	
Responding EMS Personnel	124 (17.9)
First Arrest Rhythm (%)	N=692
Vfib/Vtach/Unknown Shockable Rhythm	
Asystole	302 (43.6)
Idioventricular/PEA	
Unknown Unshockable Rhythm	97 (14.0)
Sustained ROSC (%)	N=692
Yes	
No	525 (75.9)
Was hypothermia care provided in the field? (%)	N=692
Yes	
No	688 (99.4)
Pre-hospital Outcome (%)	N=692
Pronounced in the Field	
Pronounced in ED	90 (13.0)
Ongoing Resuscitation in ED	
Overall Survival (%)	N=692
Overall Survival to Hospital Admission	
Overall Survival to Hospital Discharge	78 (11.3)
With Good or Moderate Cerebral Performance	
Missing hospital outcome	3
Utstein¹ Survival (%)	N=109
	30.3%
Utstein Bystander² Survival (%)	N=62
	38.7%

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)