

# CARES Survival Report

## Mid-Columbia Fire and Rescue

Date of Arrest: 01/01/21 - 12/31/21 | Non-Traumatic Etiology

	OVERALL				
	N = 20				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 <sup>†</sup> (%)
<b>Total</b>	20	7 (35.0)	8 (40.0)	4 (20.0)	4 (20.0)
<b>Location of Arrest</b>					
Home/Residence	11 (55.0)	6 (54.5)	5 (45.5)	2 (18.2)	2 (18.2)
Nursing Home	2 (10.0)	0 (0.0)	1 (50.0)	0 (0.0)	0 (0.0)
Public Setting	7 (35.0)	1 (14.3)	2 (28.6)	2 (28.6)	2 (28.6)
<b>Arrest Witnessed Status</b>					
Unwitnessed	8 (40.0)	1 (12.5)	1 (12.5)	0 (0.0)	0 (0.0)
Bystander witnessed	8 (40.0)	5 (62.5)	7 (87.5)	4 (50.0)	4 (50.0)
911 Responder witnessed	4 (20.0)	1 (25.0)	0 (0.0)	0 (0.0)	0 (0.0)
<b>Bystander CPR*</b>					
Bystander CPR	8 (50.0)	1 (12.5)	2 (25.0)	2 (25.0)	2 (25.0)
No Bystander CPR	8 (50.0)	5 (62.5)	6 (75.0)	2 (25.0)	2 (25.0)
Bystander CPR (excludes nursing home/healthcare facility events)	7 (50.0)	1 (14.3)	2 (28.6)	2 (28.6)	2 (28.6)
No Bystander CPR (excludes nursing home/healthcare facility events)	7 (50.0)	5 (71.4)	5 (71.4)	2 (28.6)	2 (28.6)
<b>Initial Arrest Rhythm</b>					
Shockable	7 (35.0)	3 (42.9)	5 (71.4)	3 (42.9)	3 (42.9)
Non-shockable	13 (65.0)	4 (30.8)	3 (23.1)	1 (7.7)	1 (7.7)
<b>AED Use</b>					
Bystander AED use*	1 (6.2)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Bystander AED use* (excludes nursing home/healthcare facility events)	0 (0.0)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)
Trained provider (First Responder) AED use	0 (0.0)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)
<b>Utstein</b>					
Witnessed and shockable	5 (25.0)	3 (60.0)	5 (100.0)	3 (60.0)	3 (60.0)
Bystander witnessed and shockable	5 (25.0)	3 (60.0)	5 (100.0)	3 (60.0)	3 (60.0)
<b>Hypothermia</b>					
Field hypothermia	3 (15.0)	3 (100.0)	2 (66.7)	0 (0.0)	0 (0.0)
In-hospital hypothermia/TTM (among admitted patients)	6 (75.0)	--	--	3 (50.0)	3 (50.0)

**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.

NOTE: Analysis excludes patients with missing hospital outcome (N=0).

\*Bystander CPR and bystander AED use calculations exclude 911 Responder witnessed events.

<sup>†</sup>CPC missing for 0 patients.