

# CARES Survival Report

Agency Group: NCTTRAC | Date of Arrest: From 01/01/2020 Through 11/28/2020 | Non-Traumatic Etiology

## OVERALL

	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>					
2021	2433	496 (20.4)	496 (20.4)	212 (8.7)	155 (6.4)
2020	2606	596 (22.9)	614 (23.6)	259 (9.9)	178 (6.8)
2019	6189	1874 (30.3)	1722 (27.8)	689 (11.1)	492 (7.9)
<b>Location of Arrest</b>					
Home/Residence	1835 (70.4)	409 (22.3)	440 (24.0)	184 (10.0)	130 (7.1)
Nursing Home	407 (15.6)	67 (16.5)	49 (12.0)	13 (3.2)	2 (0.5)
Public Setting	364 (14.0)	120 (33.0)	125 (34.3)	62 (17.0)	46 (12.6)
<b>Arrest Witnessed Status</b>					
Unwitnessed	1298 (49.8)	182 (14.0)	173 (13.3)	62 (4.8)	39 (3.0)
Bystander witnessed	966 (37.1)	286 (29.6)	310 (32.1)	137 (14.2)	98 (10.1)
911 Responder witnessed	342 (13.1)	128 (37.4)	131 (38.3)	60 (17.5)	41 (12.0)
<b>Bystander CPR*</b>					
Bystander CPR	1216 (53.7)	262 (21.5)	263 (21.6)	116 (9.5)	80 (6.6)
No Bystander CPR	1048 (46.3)	206 (19.7)	220 (21.0)	83 (7.9)	57 (5.4)
Bystander CPR (excludes nursing home/healthcare facility events)	817 (45.5)	191 (23.4)	207 (25.3)	96 (11.8)	70 (8.6)
No Bystander CPR (excludes nursing home/healthcare facility events)	979 (54.5)	196 (20.0)	212 (21.7)	81 (8.3)	57 (5.8)
<b>Initial Arrest Rhythm</b>					
Shockable	407 (15.6)	165 (40.5)	181 (44.5)	119 (29.2)	97 (23.8)
Non-shockable	2199 (84.4)	431 (19.6)	433 (19.7)	140 (6.4)	81 (3.7)
<b>AED Use</b>					
Bystander AED use*	218 (9.6)	52 (23.9)	43 (19.7)	20 (9.2)	13 (6.0)
Bystander AED use* (excludes nursing home/healthcare facility events)	29 (1.6)	16 (55.2)	15 (51.7)	9 (31.0)	7 (24.1)
Trained provider (First Responder) AED use	252 (9.7)	39 (15.5)	43 (17.1)	21 (8.3)	14 (5.6)
<b>Utstein</b>					
Witnessed and shockable	299 (11.5)	134 (44.8)	152 (50.8)	103 (34.4)	87 (29.1)
Bystander witnessed and shockable	245 (9.4)	103 (42.0)	123 (50.2)	81 (33.1)	66 (26.9)
<b>Hypothermia</b>					
Field hypothermia	55 (2.1)	21 (38.2)	25 (45.5)	10 (18.2)	6 (10.9)
In-hospital hypothermia/TTM (among admitted patients)	247 (40.2)	--	--	87 (35.2)	55 (22.3)

**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=25).

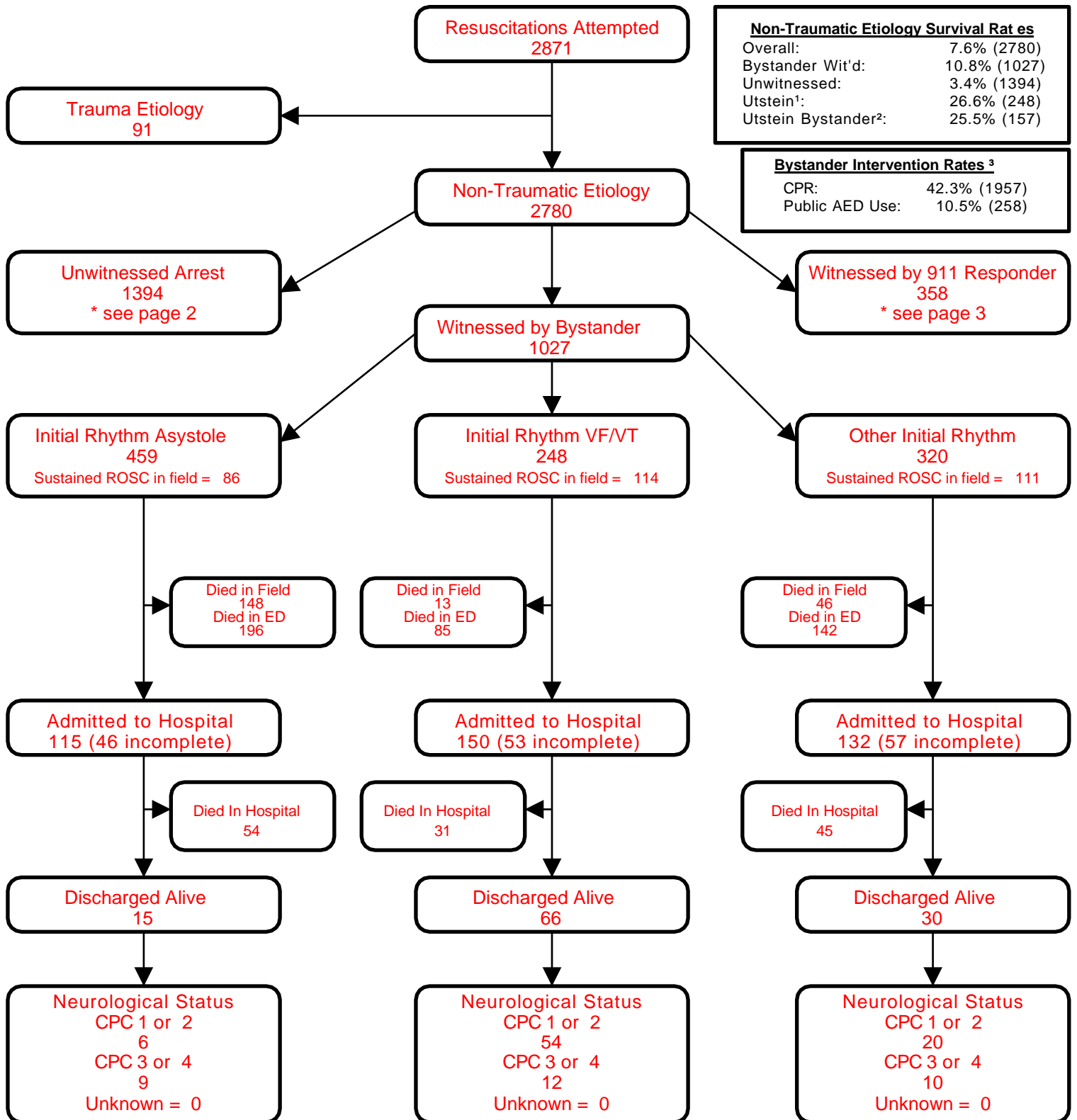
\*Bystander CPR and bystander AED use calculations exclude 911 Responder witnessed events.

†CPC missing for 0 patients.

# Utstein Survival Report

All Agencies

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<sup>1</sup>Utstein: Witnessed by bystander and found in shockable rhythm.

<sup>2</sup>Utstein Bystander: Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR and/or AED application).

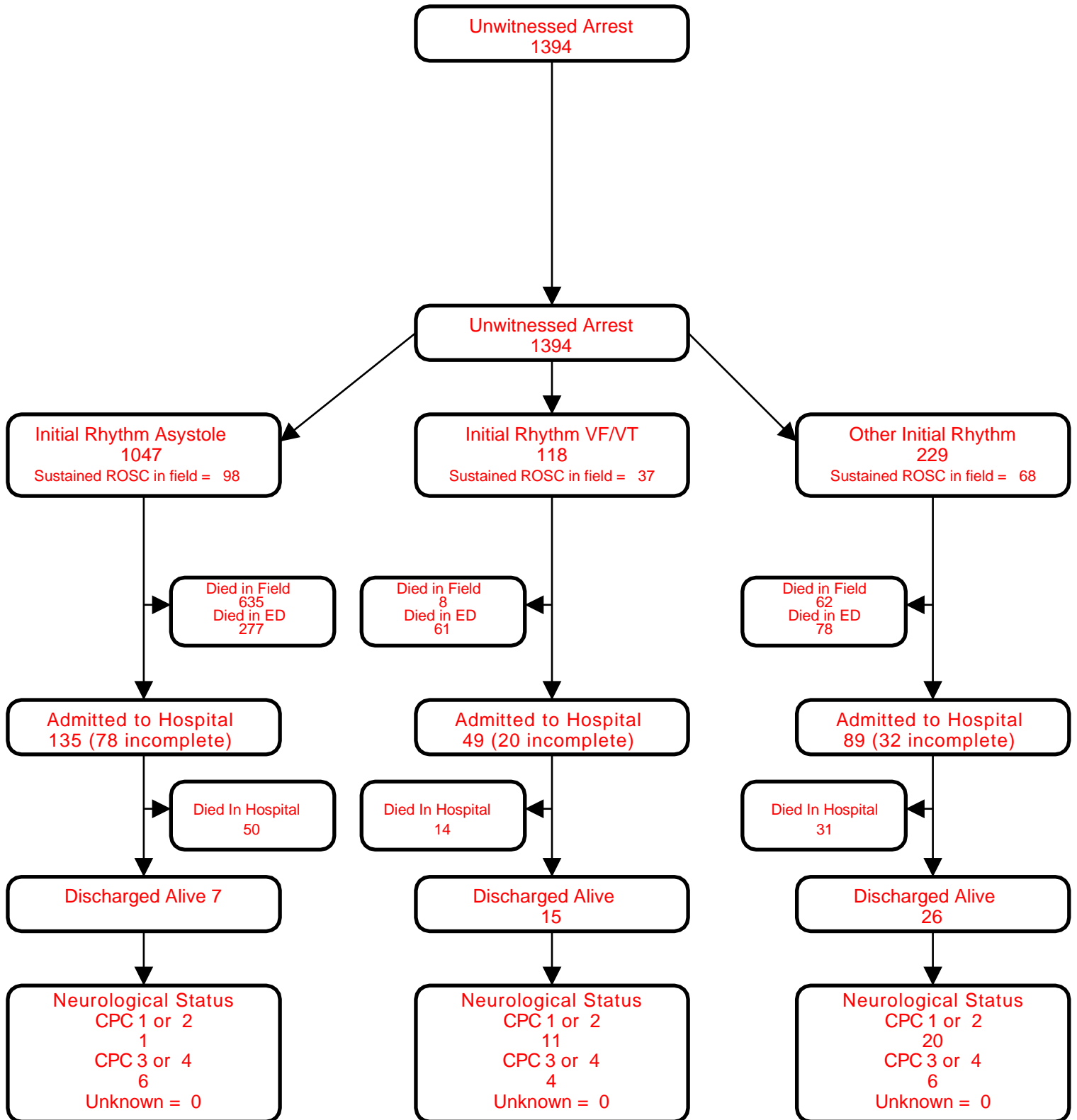
<sup>3</sup>Bystander CPR rate excludes 911 Responder Witnessed, Nursing Home, and Healthcare Facility arrests. Public AED Use rate excludes 911 Responder Witnessed, Home/Residence, Nursing Home, and Healthcare Facility arrests.

\*Only data from the previous calendar year is fully audited. Data from the current calendar year is dynamic.

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