

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2023 Through 12/31/2023 | Non-Traumatic Etiology

	OVERALL N = 139490				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	139490	37698 (27.0)	36462 (26.1)	14300 (10.3)	11376 (8.2)
Location of Arrest					
Home/Residence	99685 (71.5)	25675 (25.8)	24527 (24.6)	8809 (8.8)	6888 (6.9)
Nursing Home	14546 (10.4)	2962 (20.4)	2294 (15.8)	571 (3.9)	239 (1.6)
Public Setting	25256 (18.1)	9061 (35.9)	9641 (38.2)	4920 (19.5)	4249 (16.8)
Arrest Witnessed Status					
Unwitnessed	71833 (51.5)	12619 (17.6)	11925 (16.6)	3278 (4.6)	2387 (3.3)
Bystander witnessed	51191 (36.7)	18807 (36.7)	17899 (35.0)	8007 (15.6)	6571 (12.8)
911 Responder witnessed	16466 (11.8)	6272 (38.1)	6638 (40.3)	3015 (18.3)	2418 (14.7)
Bystander CPR*					
Bystander CPR	57887 (47.1)	15939 (27.5)	15104 (26.1)	6386 (11.0)	5214 (9.0)
No Bystander CPR	65128 (52.9)	15486 (23.8)	14719 (22.6)	4899 (7.5)	3744 (5.7)
Bystander CPR (excludes nursing home/healthcare facility events)	43644 (41.2)	12721 (29.1)	12463 (28.6)	5481 (12.6)	4620 (10.6)
No Bystander CPR (excludes nursing home/healthcare facility events)	62303 (58.8)	14812 (23.8)	14165 (22.7)	4744 (7.6)	3659 (5.9)
Initial Arrest Rhythm					
Shockable	24433 (17.5)	11160 (45.7)	11515 (47.1)	7057 (28.9)	6200 (25.4)
Non-shockable	115042 (82.5)	26527 (23.1)	24934 (21.7)	7233 (6.3)	5166 (4.5)
AED Use					
Bystander AED use*	8759 (7.1)	2669 (30.5)	2434 (27.8)	1302 (14.9)	1112 (12.7)
Bystander AED use* (excludes nursing home/healthcare facility events)	2341 (2.2)	1051 (44.9)	1066 (45.5)	749 (32.0)	710 (30.3)
Trained provider (First Responder) AED use	31262 (22.4)	8230 (26.3)	7669 (24.5)	2997 (9.6)	2433 (7.8)
Utstein					
Witnessed and shockable	17380 (12.5)	8801 (50.6)	9101 (52.4)	5920 (34.1)	5276 (30.4)
Bystander witnessed and shockable	14505 (10.4)	7277 (50.2)	7512 (51.8)	4773 (32.9)	4206 (29.0)
Hypothermia					
Field hypothermia	3922 (2.8)	2023 (51.6)	1776 (45.3)	649 (16.5)	451 (11.5)
In-hospital hypothermia/TTM (among admitted patients)	14913 (40.9)	--	--	4899 (32.9)	3532 (23.7)

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.

NOTE: Analysis excludes patients with missing hospital outcome (N=332).

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

[†]CPC missing for 8 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2023 Through 12/31/2023 | Non-Traumatic Etiology

	Age = <1 years N = 1587				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	1587	198 (12.5)	294 (18.5)	117 (7.4)	91 (5.7)
Location of Arrest					
Home/Residence	1454 (91.7)	170 (11.7)	256 (17.6)	100 (6.9)	79 (5.4)
Nursing Home	0 (0.0)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)
Public Setting	132 (8.3)	28 (21.2)	38 (28.8)	17 (12.9)	12 (9.1)
Arrest Witnessed Status					
Unwitnessed	1256 (79.1)	82 (6.5)	134 (10.7)	26 (2.1)	19 (1.5)
Bystander witnessed	294 (18.5)	106 (36.1)	143 (48.6)	81 (27.6)	64 (21.8)
911 Responder witnessed	37 (2.3)	10 (27.0)	17 (45.9)	10 (27.0)	8 (21.6)
Bystander CPR*					
Bystander CPR	700 (45.2)	93 (13.3)	142 (20.3)	57 (8.1)	45 (6.4)
No Bystander CPR	850 (54.8)	95 (11.2)	135 (15.9)	50 (5.9)	38 (4.5)
Bystander CPR (excludes nursing home/healthcare facility events)	683 (44.7)	86 (12.6)	133 (19.5)	52 (7.6)	41 (6.0)
No Bystander CPR (excludes nursing home/healthcare facility events)	846 (55.3)	95 (11.2)	135 (16.0)	50 (5.9)	38 (4.5)
Initial Arrest Rhythm					
Shockable	39 (2.5)	12 (30.8)	17 (43.6)	10 (25.6)	9 (23.1)
Non-shockable	1548 (97.5)	186 (12.0)	277 (17.9)	107 (6.9)	82 (5.3)
AED Use					
Bystander AED use*	9 (0.6)	3 (33.3)	5 (55.6)	2 (22.2)	1 (11.1)
Bystander AED use* (excludes nursing home/healthcare facility events)	3 (0.2)	0 (0.0)	1 (33.3)	0 (0.0)	0 (0.0)
Trained provider (First Responder) AED use	299 (18.8)	28 (9.4)	44 (14.7)	11 (3.7)	8 (2.7)
Utstein					
Witnessed and shockable	24 (1.5)	10 (41.7)	14 (58.3)	9 (37.5)	8 (33.3)
Bystander witnessed and shockable	21 (1.3)	9 (42.9)	12 (57.1)	8 (38.1)	7 (33.3)
Hypothermia					
Field hypothermia	30 (1.9)	5 (16.7)	8 (26.7)	1 (3.3)	1 (3.3)
In-hospital hypothermia/TTM (among admitted patients)	71 (24.1)	--	--	24 (33.8)	12 (16.9)

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=15).

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

[†]CPC missing for 0 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2023 Through 12/31/2023 | Non-Traumatic Etiology

	Age = 1 - 12 years N = 1225				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	1225	262 (21.4)	387 (31.6)	173 (14.1)	129 (10.5)
Location of Arrest					
Home/Residence	1046 (85.4)	200 (19.1)	300 (28.7)	127 (12.1)	94 (9.0)
Nursing Home	3 (0.2)	1 (33.3)	2 (66.7)	1 (33.3)	0 (0.0)
Public Setting	176 (14.4)	61 (34.7)	85 (48.3)	45 (25.6)	35 (19.9)
Arrest Witnessed Status					
Unwitnessed	796 (65.0)	112 (14.1)	191 (24.0)	64 (8.0)	37 (4.6)
Bystander witnessed	350 (28.6)	126 (36.0)	163 (46.6)	90 (25.7)	75 (21.4)
911 Responder witnessed	79 (6.4)	24 (30.4)	33 (41.8)	19 (24.1)	17 (21.5)
Bystander CPR*					
Bystander CPR	592 (51.7)	151 (25.5)	205 (34.6)	96 (16.2)	76 (12.8)
No Bystander CPR	553 (48.3)	87 (15.7)	149 (26.9)	58 (10.5)	36 (6.5)
Bystander CPR (excludes nursing home/healthcare facility events)	567 (50.8)	142 (25.0)	192 (33.9)	89 (15.7)	72 (12.7)
No Bystander CPR (excludes nursing home/healthcare facility events)	549 (49.2)	85 (15.5)	146 (26.6)	56 (10.2)	34 (6.2)
Initial Arrest Rhythm					
Shockable	52 (4.2)	23 (44.2)	27 (51.9)	19 (36.5)	17 (32.7)
Non-shockable	1172 (95.8)	238 (20.3)	359 (30.6)	153 (13.1)	111 (9.5)
AED Use					
Bystander AED use*	28 (2.4)	9 (32.1)	13 (46.4)	6 (21.4)	4 (14.3)
Bystander AED use* (excludes nursing home/healthcare facility events)	14 (1.3)	7 (50.0)	8 (57.1)	3 (21.4)	2 (14.3)
Trained provider (First Responder) AED use	272 (22.2)	63 (23.2)	93 (34.2)	31 (11.4)	25 (9.2)
Utstein					
Witnessed and shockable	34 (2.8)	18 (52.9)	21 (61.8)	17 (50.0)	16 (47.1)
Bystander witnessed and shockable	29 (2.4)	15 (51.7)	18 (62.1)	15 (51.7)	14 (48.3)
Hypothermia					
Field hypothermia	24 (2.0)	6 (25.0)	9 (37.5)	4 (16.7)	2 (8.3)
In-hospital hypothermia/TTM (among admitted patients)	88 (22.7)	--	--	34 (38.6)	20 (22.7)

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.

NOTE: Analysis excludes patients with missing hospital outcome (N=12).

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

[†]CPC missing for 0 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2023 Through 12/31/2023 | Non-Traumatic Etiology

	Age = 13 - 18 years N = 854				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	854	282 (33.0)	322 (37.7)	158 (18.5)	138 (16.2)
Location of Arrest					
Home/Residence	679 (79.5)	187 (27.5)	218 (32.1)	86 (12.7)	71 (10.5)
Nursing Home	3 (0.4)	1 (33.3)	0 (0.0)	0 (0.0)	0 (0.0)
Public Setting	172 (20.1)	94 (54.7)	104 (60.5)	72 (41.9)	67 (39.0)
Arrest Witnessed Status					
Unwitnessed	516 (60.4)	107 (20.7)	130 (25.2)	46 (8.9)	36 (7.0)
Bystander witnessed	274 (32.1)	151 (55.1)	163 (59.5)	103 (37.6)	93 (33.9)
911 Responder witnessed	64 (7.5)	24 (37.5)	29 (45.3)	9 (14.1)	9 (14.1)
Bystander CPR*					
Bystander CPR	436 (55.2)	166 (38.1)	184 (42.2)	101 (23.2)	92 (21.1)
No Bystander CPR	354 (44.8)	92 (26.0)	109 (30.8)	48 (13.6)	37 (10.5)
Bystander CPR (excludes nursing home/healthcare facility events)	427 (54.7)	163 (38.2)	180 (42.2)	99 (23.2)	90 (21.1)
No Bystander CPR (excludes nursing home/healthcare facility events)	353 (45.3)	92 (26.1)	109 (30.9)	48 (13.6)	37 (10.5)
Initial Arrest Rhythm					
Shockable	145 (17.0)	96 (66.2)	106 (73.1)	84 (57.9)	77 (53.1)
Non-shockable	709 (83.0)	186 (26.2)	216 (30.5)	74 (10.4)	61 (8.6)
AED Use					
Bystander AED use*	53 (6.7)	41 (77.4)	39 (73.6)	35 (66.0)	34 (64.2)
Bystander AED use* (excludes nursing home/healthcare facility events)	47 (6.0)	39 (83.0)	37 (78.7)	34 (72.3)	33 (70.2)
Trained provider (First Responder) AED use	209 (24.5)	71 (34.0)	75 (35.9)	32 (15.3)	30 (14.4)
Utstein					
Witnessed and shockable	103 (12.1)	77 (74.8)	81 (78.6)	67 (65.0)	63 (61.2)
Bystander witnessed and shockable	93 (10.9)	72 (77.4)	75 (80.6)	64 (68.8)	60 (64.5)
Hypothermia					
Field hypothermia	24 (2.8)	10 (41.7)	12 (50.0)	5 (20.8)	5 (20.8)
In-hospital hypothermia/TTM (among admitted patients)	94 (29.2)	--	--	33 (35.1)	29 (30.9)

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=9).

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

[†]CPC missing for 0 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2023 Through 12/31/2023 | Non-Traumatic Etiology

	Age = >18 years N = 135723				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	135723	36923 (27.2)	35416 (26.1)	13822 (10.2)	10990 (8.1)
Location of Arrest					
Home/Residence	96429 (71.0)	25093 (26.0)	23719 (24.6)	8474 (8.8)	6623 (6.9)
Nursing Home	14540 (10.7)	2960 (20.4)	2292 (15.8)	570 (3.9)	239 (1.6)
Public Setting	24752 (18.2)	8870 (35.8)	9405 (38.0)	4778 (19.3)	4128 (16.7)
Arrest Witnessed Status					
Unwitnessed	69242 (51.0)	12315 (17.8)	11465 (16.6)	3139 (4.5)	2293 (3.3)
Bystander witnessed	50216 (37.0)	18404 (36.6)	17407 (34.7)	7716 (15.4)	6323 (12.6)
911 Responder witnessed	16265 (12.0)	6204 (38.1)	6544 (40.2)	2967 (18.2)	2374 (14.6)
Bystander CPR*					
Bystander CPR	56130 (47.0)	15518 (27.6)	14564 (25.9)	6125 (10.9)	4994 (8.9)
No Bystander CPR	63320 (53.0)	15200 (24.0)	14307 (22.6)	4730 (7.5)	3622 (5.7)
Bystander CPR (excludes nursing home/healthcare facility events)	41943 (40.9)	12322 (29.4)	11952 (28.5)	5237 (12.5)	4413 (10.5)
No Bystander CPR (excludes nursing home/healthcare facility events)	60504 (59.1)	14528 (24.0)	13756 (22.7)	4577 (7.6)	3539 (5.8)
Initial Arrest Rhythm					
Shockable	24192 (17.8)	11026 (45.6)	11362 (47.0)	6941 (28.7)	6094 (25.2)
Non-shockable	111518 (82.2)	25887 (23.2)	24043 (21.6)	6873 (6.2)	4888 (4.4)
AED Use					
Bystander AED use*	8654 (7.2)	2616 (30.2)	2377 (27.5)	1259 (14.5)	1073 (12.4)
Bystander AED use* (excludes nursing home/healthcare facility events)	2277 (2.2)	1005 (44.1)	1020 (44.8)	712 (31.3)	675 (29.6)
Trained provider (First Responder) AED use	30470 (22.5)	8063 (26.5)	7454 (24.5)	2921 (9.6)	2368 (7.8)
Utstein					
Witnessed and shockable	17214 (12.7)	8693 (50.5)	8982 (52.2)	5824 (33.8)	5186 (30.1)
Bystander witnessed and shockable	14357 (10.6)	7178 (50.0)	7404 (51.6)	4683 (32.6)	4122 (28.7)
Hypothermia					
Field hypothermia	3842 (2.8)	2002 (52.1)	1747 (45.5)	639 (16.6)	443 (11.5)
In-hospital hypothermia/TTM (among admitted patients)	14644 (41.3)	--	--	4796 (32.8)	3460 (23.6)

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=293).

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

[†]CPC missing for 8 patients.