

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2013 Through 12/31/2023 | Non-Traumatic Etiology

	OVERALL N = 1009734				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	1009734	294949 (29.2)	268686 (26.6)	101263 (10.0)	80797 (8.0)
Location of Arrest					
Home/Residence	722594 (71.6)	201063 (27.8)	180855 (25.0)	61038 (8.4)	47714 (6.6)
Nursing Home	106872 (10.6)	24505 (22.9)	17576 (16.4)	4346 (4.1)	2025 (1.9)
Public Setting	180254 (17.9)	69381 (38.5)	70254 (39.0)	35879 (19.9)	31058 (17.2)
Arrest Witnessed Status					
Unwitnessed	511061 (50.6)	98745 (19.3)	87191 (17.1)	22695 (4.4)	16539 (3.2)
Bystander witnessed	375746 (37.2)	146877 (39.1)	132702 (35.3)	57068 (15.2)	46876 (12.5)
911 Responder witnessed	122881 (12.2)	49311 (40.1)	48778 (39.7)	21493 (17.5)	17378 (14.1)
Bystander CPR*					
Bystander CPR	411414 (46.4)	123300 (30.0)	109896 (26.7)	45744 (11.1)	37601 (9.1)
No Bystander CPR	475342 (53.6)	122318 (25.7)	109988 (23.1)	34016 (7.2)	25811 (5.4)
Bystander CPR (excludes nursing home/healthcare facility events)	303914 (40.1)	95379 (31.4)	88442 (29.1)	38415 (12.6)	32706 (10.8)
No Bystander CPR (excludes nursing home/healthcare facility events)	453351 (59.9)	116829 (25.8)	105860 (23.4)	32955 (7.3)	25197 (5.6)
Initial Arrest Rhythm					
Shockable	181090 (17.9)	85661 (47.3)	84925 (46.9)	51117 (28.2)	45010 (24.9)
Non-shockable	828504 (82.1)	209199 (25.3)	183666 (22.2)	50064 (6.0)	35712 (4.3)
AED Use					
Bystander AED use*	59482 (6.7)	19828 (33.3)	17211 (28.9)	9120 (15.3)	7733 (13.0)
Bystander AED use* (excludes nursing home/healthcare facility events)	15600 (2.1)	7285 (46.7)	7172 (46.0)	5003 (32.1)	4684 (30.0)
Trained provider (First Responder) AED use	226537 (22.4)	64811 (28.6)	56906 (25.1)	21539 (9.5)	17768 (7.8)
Utstein					
Witnessed and shockable	129336 (12.8)	67560 (52.2)	67176 (51.9)	42993 (33.2)	38429 (29.7)
Bystander witnessed and shockable	107676 (10.7)	55603 (51.6)	55228 (51.3)	34513 (32.1)	30561 (28.4)
Hypothermia					
Field hypothermia	47596 (4.7)	28156 (59.2)	23140 (48.6)	8152 (17.1)	5998 (12.6)
In-hospital hypothermia/TTM (among admitted patients)	118299 (44.0)	--	--	38687 (32.7)	28597 (24.2)

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=2174).

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

[†]CPC missing for 799 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2013 Through 12/31/2023 | Non-Traumatic Etiology

	Age = <1 years N = 12377				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	12377	1443 (11.7)	2172 (17.5)	769 (6.2)	625 (5.0)
Location of Arrest					
Home/Residence	11357 (91.8)	1243 (10.9)	1921 (16.9)	657 (5.8)	534 (4.7)
Nursing Home	16 (0.1)	1 (6.2)	2 (12.5)	1 (6.2)	1 (6.2)
Public Setting	1002 (8.1)	199 (19.9)	249 (24.9)	111 (11.1)	90 (9.0)
Arrest Witnessed Status					
Unwitnessed	9994 (80.7)	696 (7.0)	1215 (12.2)	250 (2.5)	179 (1.8)
Bystander witnessed	2057 (16.6)	631 (30.7)	815 (39.6)	432 (21.0)	371 (18.0)
911 Responder witnessed	326 (2.6)	116 (35.6)	142 (43.6)	87 (26.7)	75 (23.0)
Bystander CPR*					
Bystander CPR	5575 (46.3)	706 (12.7)	1056 (18.9)	383 (6.9)	310 (5.6)
No Bystander CPR	6475 (53.7)	621 (9.6)	973 (15.0)	299 (4.6)	240 (3.7)
Bystander CPR (excludes nursing home/healthcare facility events)	5453 (45.9)	660 (12.1)	1008 (18.5)	358 (6.6)	289 (5.3)
No Bystander CPR (excludes nursing home/healthcare facility events)	6431 (54.1)	610 (9.5)	960 (14.9)	295 (4.6)	237 (3.7)
Initial Arrest Rhythm					
Shockable	369 (3.0)	93 (25.2)	118 (32.0)	73 (19.8)	66 (17.9)
Non-shockable	12003 (97.0)	1348 (11.2)	2051 (17.1)	694 (5.8)	558 (4.6)
AED Use					
Bystander AED use*	60 (0.5)	17 (28.3)	21 (35.0)	10 (16.7)	7 (11.7)
Bystander AED use* (excludes nursing home/healthcare facility events)	22 (0.2)	4 (18.2)	6 (27.3)	3 (13.6)	2 (9.1)
Trained provider (First Responder) AED use	1846 (14.9)	192 (10.4)	288 (15.6)	78 (4.2)	60 (3.3)
Utstein					
Witnessed and shockable	174 (1.4)	70 (40.2)	84 (48.3)	61 (35.1)	56 (32.2)
Bystander witnessed and shockable	155 (1.3)	63 (40.6)	75 (48.4)	53 (34.2)	48 (31.0)
Hypothermia					
Field hypothermia	159 (1.3)	33 (20.8)	40 (25.2)	9 (5.7)	8 (5.0)
In-hospital hypothermia/TTM (among admitted patients)	432 (19.9)	--	--	126 (29.2)	86 (19.9)

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=92).

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

[†]CPC missing for 3 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2013 Through 12/31/2023 | Non-Traumatic Etiology

	Age = 1 - 12 years				
	N = 8253				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	8253	2077 (25.2)	2882 (34.9)	1216 (14.7)	929 (11.3)
Location of Arrest					
Home/Residence	6884 (83.4)	1565 (22.7)	2210 (32.1)	831 (12.1)	606 (8.8)
Nursing Home	20 (0.2)	9 (45.0)	12 (60.0)	6 (30.0)	1 (5.0)
Public Setting	1349 (16.3)	503 (37.3)	660 (48.9)	379 (28.1)	322 (23.9)
Arrest Witnessed Status					
Unwitnessed	5228 (63.4)	919 (17.6)	1437 (27.5)	454 (8.7)	322 (6.2)
Bystander witnessed	2499 (30.3)	988 (39.5)	1203 (48.1)	646 (25.9)	519 (20.8)
911 Responder witnessed	525 (6.4)	169 (32.2)	241 (45.9)	116 (22.1)	88 (16.8)
Bystander CPR*					
Bystander CPR	3996 (51.7)	1187 (29.7)	1539 (38.5)	710 (17.8)	563 (14.1)
No Bystander CPR	3729 (48.3)	720 (19.3)	1101 (29.5)	390 (10.5)	278 (7.5)
Bystander CPR (excludes nursing home/healthcare facility events)	3849 (50.9)	1128 (29.3)	1470 (38.2)	671 (17.4)	541 (14.1)
No Bystander CPR (excludes nursing home/healthcare facility events)	3709 (49.1)	715 (19.3)	1092 (29.4)	387 (10.4)	275 (7.4)
Initial Arrest Rhythm					
Shockable	493 (6.0)	235 (47.7)	270 (54.8)	191 (38.7)	170 (34.5)
Non-shockable	7756 (94.0)	1839 (23.7)	2609 (33.6)	1022 (13.2)	756 (9.7)
AED Use					
Bystander AED use*	172 (2.2)	86 (50.0)	98 (57.0)	69 (40.1)	53 (30.8)
Bystander AED use* (excludes nursing home/healthcare facility events)	113 (1.5)	67 (59.3)	72 (63.7)	52 (46.0)	45 (39.8)
Trained provider (First Responder) AED use	1728 (20.9)	436 (25.2)	567 (32.8)	178 (10.3)	132 (7.6)
Utstein					
Witnessed and shockable	328 (4.0)	181 (55.2)	208 (63.4)	156 (47.6)	140 (42.7)
Bystander witnessed and shockable	279 (3.4)	166 (59.5)	188 (67.4)	147 (52.7)	132 (47.3)
Hypothermia					
Field hypothermia	175 (2.1)	77 (44.0)	85 (48.6)	26 (14.9)	16 (9.1)
In-hospital hypothermia/TTM (among admitted patients)	541 (18.8)	--	--	178 (32.9)	117 (21.6)

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=76).

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

[†]CPC missing for 15 patients.

CARES Survival Report

All Agencies/National Data

Date of Arrest: From 01/01/2013 Through 12/31/2023 | Non-Traumatic Etiology

	Age = 13 - 18 years N = 5648				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	5648	2007 (35.5)	2187 (38.7)	1074 (19.0)	948 (16.8)
Location of Arrest					
Home/Residence	4319 (76.5)	1333 (30.9)	1433 (33.2)	581 (13.5)	491 (11.4)
Nursing Home	31 (0.5)	11 (35.5)	10 (32.3)	6 (19.4)	1 (3.2)
Public Setting	1298 (23.0)	663 (51.1)	744 (57.3)	487 (37.5)	456 (35.1)
Arrest Witnessed Status					
Unwitnessed	3360 (59.5)	812 (24.2)	885 (26.3)	285 (8.5)	231 (6.9)
Bystander witnessed	1869 (33.1)	1024 (54.8)	1088 (58.2)	699 (37.4)	647 (34.6)
911 Responder witnessed	419 (7.4)	171 (40.8)	214 (51.1)	90 (21.5)	70 (16.7)
Bystander CPR*					
Bystander CPR	2697 (51.6)	1075 (39.9)	1132 (42.0)	633 (23.5)	579 (21.5)
No Bystander CPR	2531 (48.4)	761 (30.1)	841 (33.2)	351 (13.9)	299 (11.8)
Bystander CPR (excludes nursing home/healthcare facility events)	2631 (51.1)	1049 (39.9)	1099 (41.8)	617 (23.5)	568 (21.6)
No Bystander CPR (excludes nursing home/healthcare facility events)	2516 (48.9)	755 (30.0)	834 (33.1)	347 (13.8)	295 (11.7)
Initial Arrest Rhythm					
Shockable	1011 (17.9)	654 (64.7)	701 (69.3)	576 (57.0)	546 (54.0)
Non-shockable	4633 (82.1)	1349 (29.1)	1482 (32.0)	494 (10.7)	398 (8.6)
AED Use					
Bystander AED use*	275 (5.3)	191 (69.5)	198 (72.0)	162 (58.9)	155 (56.4)
Bystander AED use* (excludes nursing home/healthcare facility events)	238 (4.6)	175 (73.5)	177 (74.4)	152 (63.9)	148 (62.2)
Trained provider (First Responder) AED use	1399 (24.8)	494 (35.3)	513 (36.7)	244 (17.4)	221 (15.8)
Utstein					
Witnessed and shockable	779 (13.8)	541 (69.4)	573 (73.6)	495 (63.5)	473 (60.7)
Bystander witnessed and shockable	707 (12.5)	504 (71.3)	527 (74.5)	465 (65.8)	446 (63.1)
Hypothermia					
Field hypothermia	225 (4.0)	134 (59.6)	129 (57.3)	56 (24.9)	48 (21.3)
In-hospital hypothermia/TTM (among admitted patients)	681 (31.1)	--	--	307 (45.1)	259 (38.0)

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=36).

*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 01/01/2013 Through 12/31/2023 | Non-Traumatic Etiology

	Age = >18 years N = 982502				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	982502	289172 (29.4)	261141 (26.6)	98011 (10.0)	78119 (8.0)
Location of Arrest					
Home/Residence	699329 (71.2)	196740 (28.1)	175063 (25.0)	58830 (8.4)	45959 (6.6)
Nursing Home	106784 (10.9)	24483 (22.9)	17552 (16.4)	4333 (4.1)	2022 (1.9)
Public Setting	176377 (18.0)	67949 (38.5)	68525 (38.9)	34848 (19.8)	30138 (17.1)
Arrest Witnessed Status					
Unwitnessed	492170 (50.1)	96268 (19.6)	83596 (17.0)	21677 (4.4)	15782 (3.2)
Bystander witnessed	368854 (37.5)	144096 (39.1)	129424 (35.1)	55176 (15.0)	45235 (12.3)
911 Responder witnessed	121433 (12.4)	48793 (40.2)	48107 (39.6)	21151 (17.4)	17098 (14.1)
Bystander CPR*					
Bystander CPR	398884 (46.3)	120255 (30.1)	106083 (26.6)	43962 (11.0)	36098 (9.0)
No Bystander CPR	462095 (53.7)	120105 (26.0)	106929 (23.1)	32888 (7.1)	24916 (5.4)
Bystander CPR (excludes nursing home/healthcare facility events)	291769 (39.9)	92479 (31.7)	84795 (29.1)	36724 (12.6)	31268 (10.7)
No Bystander CPR (excludes nursing home/healthcare facility events)	440197 (60.1)	114639 (26.0)	102834 (23.4)	31842 (7.2)	24315 (5.5)
Initial Arrest Rhythm					
Shockable	179167 (18.2)	84659 (47.3)	83812 (46.8)	50257 (28.1)	44209 (24.7)
Non-shockable	803215 (81.8)	204434 (25.5)	177248 (22.1)	47684 (5.9)	33846 (4.2)
AED Use					
Bystander AED use*	58870 (6.8)	19532 (33.2)	16891 (28.7)	8876 (15.1)	7515 (12.8)
Bystander AED use* (excludes nursing home/healthcare facility events)	15219 (2.1)	7037 (46.2)	6914 (45.4)	4793 (31.5)	4486 (29.5)
Trained provider (First Responder) AED use	221484 (22.5)	63669 (28.7)	55519 (25.1)	21031 (9.5)	17347 (7.8)
Utstein					
Witnessed and shockable	128015 (13.0)	66750 (52.1)	66289 (51.8)	42263 (33.0)	37743 (29.5)
Bystander witnessed and shockable	106498 (10.8)	54852 (51.5)	54416 (51.1)	33830 (31.8)	29918 (28.1)
Hypothermia					
Field hypothermia	47008 (4.8)	27897 (59.3)	22869 (48.6)	8052 (17.1)	5917 (12.6)
In-hospital hypothermia/TTM (among admitted patients)	116533 (44.6)	--	--	38002 (32.6)	28070 (24.1)

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=1943).

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

[†]CPC missing for 771 patients.