

CARES Survival Report

Incident State: MI | Date of Arrest: 01/01/13 - 12/31/25 | Non-Traumatic Etiology

	OVERALL N = 90983				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	90983	25153 (27.6)	22641 (24.9)	7622 (8.4)	6225 (6.8)
Location of Arrest					
Home/Residence	64947 (71.4)	17445 (26.9)	15779 (24.3)	4746 (7.3)	3833 (5.9)
Nursing Home	13135 (14.4)	2948 (22.4)	1951 (14.9)	425 (3.2)	205 (1.6)
Public Setting	12900 (14.2)	4760 (36.9)	4911 (38.1)	2451 (19.0)	2187 (17.0)
Arrest Witnessed Status					
Unwitnessed	47409 (52.1)	8765 (18.5)	7413 (15.6)	1748 (3.7)	1314 (2.8)
Bystander witnessed	33725 (37.1)	12806 (38.0)	11456 (34.0)	4404 (13.1)	3687 (10.9)
911 Responder witnessed	9847 (10.8)	3581 (36.4)	3771 (38.3)	1469 (14.9)	1224 (12.4)
Bystander CPR*					
Bystander CPR	37724 (46.5)	10797 (28.6)	9230 (24.5)	3491 (9.3)	2893 (7.7)
No Bystander CPR	43409 (53.5)	10774 (24.8)	9639 (22.2)	2661 (6.1)	2108 (4.9)
Bystander CPR (excludes nursing home/healthcare facility events)	24769 (37.5)	7655 (30.9)	7006 (28.3)	2862 (11.6)	2485 (10.0)
No Bystander CPR (excludes nursing home/healthcare facility events)	41309 (62.5)	10218 (24.7)	9252 (22.4)	2564 (6.2)	2047 (5.0)
Initial Arrest Rhythm					
Shockable	15440 (17.0)	6899 (44.7)	6851 (44.4)	3899 (25.3)	3477 (22.5)
Non-shockable	75542 (83.0)	18254 (24.2)	15790 (20.9)	3723 (4.9)	2748 (3.6)
AED Use					
Bystander AED use*	8560 (10.6)	2386 (27.9)	1878 (21.9)	818 (9.6)	670 (7.8)
Bystander AED use* (excludes nursing home/healthcare facility events)	1255 (1.9)	590 (47.0)	587 (46.8)	401 (32.0)	390 (31.1)
Trained provider (First Responder) AED use	24029 (26.4)	6851 (28.5)	5921 (24.6)	2149 (8.9)	1841 (7.7)
Utstein					
Witnessed and shockable	10767 (11.8)	5330 (49.5)	5325 (49.5)	3220 (29.9)	2910 (27.0)
Bystander witnessed and shockable	9067 (10.0)	4453 (49.1)	4440 (49.0)	2617 (28.9)	2350 (25.9)
Hypothermia					
Field hypothermia	460 (0.5)	271 (58.9)	210 (45.7)	66 (14.3)	54 (11.7)
In-hospital hypothermia/TTM (among admitted patients)	9948 (43.9)	--	--	2944 (29.6)	2174 (21.9)

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=16).

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

[†]CPC missing for 0 patients.

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	Age = <1 years N = 1221				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	1221	105 (8.6)	177 (14.5)	48 (3.9)	35 (2.9)
Location of Arrest					
Home/Residence	1154 (94.5)	97 (8.4)	166 (14.4)	46 (4.0)	33 (2.9)
Nursing Home	4 (0.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Public Setting	63 (5.2)	8 (12.7)	11 (17.5)	2 (3.2)	2 (3.2)
Arrest Witnessed Status					
Unwitnessed	991 (81.2)	55 (5.5)	113 (11.4)	20 (2.0)	13 (1.3)
Bystander witnessed	200 (16.4)	43 (21.5)	54 (27.0)	22 (11.0)	18 (9.0)
911 Responder witnessed	30 (2.5)	7 (23.3)	10 (33.3)	6 (20.0)	4 (13.3)
Bystander CPR*					
Bystander CPR	491 (41.2)	49 (10.0)	80 (16.3)	26 (5.3)	19 (3.9)
No Bystander CPR	700 (58.8)	49 (7.0)	87 (12.4)	16 (2.3)	12 (1.7)
Bystander CPR (excludes nursing home/healthcare facility events)	480 (40.9)	47 (9.8)	78 (16.2)	25 (5.2)	18 (3.8)
No Bystander CPR (excludes nursing home/healthcare facility events)	694 (59.1)	49 (7.1)	86 (12.4)	16 (2.3)	12 (1.7)
Initial Arrest Rhythm					
Shockable	40 (3.3)	4 (10.0)	5 (12.5)	1 (2.5)	0 (0.0)
Non-shockable	1181 (96.7)	101 (8.6)	172 (14.6)	47 (4.0)	35 (3.0)
AED Use					
Bystander AED use*	7 (0.6)	1 (14.3)	1 (14.3)	0 (0.0)	0 (0.0)
Bystander AED use* (excludes nursing home/healthcare facility events)	1 (0.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Trained provider (First Responder) AED use	243 (19.9)	15 (6.2)	24 (9.9)	2 (0.8)	0 (0.0)
Utstein					
Witnessed and shockable	16 (1.3)	2 (12.5)	2 (12.5)	0 (0.0)	0 (0.0)
Bystander witnessed and shockable	14 (1.1)	2 (14.3)	2 (14.3)	0 (0.0)	0 (0.0)
Hypothermia					
Field hypothermia	3 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
In-hospital hypothermia/TTM (among admitted patients)	20 (11.3)	--	--	11 (55.0)	8 (40.0)

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=1).

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

[†]CPC missing for 0 patients.

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Incident State: MI | Date of Arrest: 01/01/13 - 12/31/25 | Non-Traumatic Etiology

	Age = 1 - 12 years N = 692				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	692	153 (22.1)	211 (30.5)	93 (13.4)	74 (10.7)
Location of Arrest					
Home/Residence	586 (84.7)	112 (19.1)	160 (27.3)	60 (10.2)	46 (7.8)
Nursing Home	0 (0.0)	0 (NaN)	0 (NaN)	0 (NaN)	0 (NaN)
Public Setting	106 (15.3)	41 (38.7)	51 (48.1)	33 (31.1)	28 (26.4)
Arrest Witnessed Status					
Unwitnessed	442 (63.9)	71 (16.1)	114 (25.8)	40 (9.0)	30 (6.8)
Bystander witnessed	210 (30.3)	72 (34.3)	80 (38.1)	44 (21.0)	37 (17.6)
911 Responder witnessed	40 (5.8)	10 (25.0)	17 (42.5)	9 (22.5)	7 (17.5)
Bystander CPR*					
Bystander CPR	317 (48.6)	88 (27.8)	116 (36.6)	61 (19.2)	50 (15.8)
No Bystander CPR	335 (51.4)	55 (16.4)	78 (23.3)	23 (6.9)	17 (5.1)
Bystander CPR (excludes nursing home/healthcare facility events)	308 (48.0)	87 (28.2)	114 (37.0)	61 (19.8)	50 (16.2)
No Bystander CPR (excludes nursing home/healthcare facility events)	333 (52.0)	54 (16.2)	77 (23.1)	23 (6.9)	17 (5.1)
Initial Arrest Rhythm					
Shockable	53 (7.7)	20 (37.7)	24 (45.3)	17 (32.1)	14 (26.4)
Non-shockable	639 (92.3)	133 (20.8)	187 (29.3)	76 (11.9)	60 (9.4)
AED Use					
Bystander AED use*	16 (2.5)	8 (50.0)	10 (62.5)	7 (43.8)	7 (43.8)
Bystander AED use* (excludes nursing home/healthcare facility events)	11 (1.7)	8 (72.7)	9 (81.8)	7 (63.6)	7 (63.6)
Trained provider (First Responder) AED use	180 (26.0)	42 (23.3)	45 (25.0)	14 (7.8)	10 (5.6)
Utstein					
Witnessed and shockable	38 (5.5)	18 (47.4)	20 (52.6)	14 (36.8)	12 (31.6)
Bystander witnessed and shockable	35 (5.1)	18 (51.4)	17 (48.6)	12 (34.3)	11 (31.4)
Hypothermia					
Field hypothermia	5 (0.7)	3 (60.0)	4 (80.0)	2 (40.0)	2 (40.0)
In-hospital hypothermia/TTM (among admitted patients)	38 (18.0)	--	--	13 (34.2)	8 (21.1)

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=0).

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

[†]CPC missing for 0 patients.

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Age = 13 - 18 years					
N = 437					
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	437	133 (30.4)	166 (38.0)	70 (16.0)	58 (13.3)
Location of Arrest					
Home/Residence	342 (78.3)	98 (28.7)	112 (32.7)	38 (11.1)	29 (8.5)
Nursing Home	2 (0.5)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Public Setting	93 (21.3)	35 (37.6)	54 (58.1)	32 (34.4)	29 (31.2)
Arrest Witnessed Status					
Unwitnessed	249 (57.0)	53 (21.3)	61 (24.5)	21 (8.4)	15 (6.0)
Bystander witnessed	162 (37.1)	72 (44.4)	91 (56.2)	42 (25.9)	38 (23.5)
911 Responder witnessed	26 (5.9)	8 (30.8)	14 (53.8)	7 (26.9)	5 (19.2)
Bystander CPR*					
Bystander CPR	198 (48.2)	75 (37.9)	90 (45.5)	47 (23.7)	42 (21.2)
No Bystander CPR	213 (51.8)	50 (23.5)	62 (29.1)	16 (7.5)	11 (5.2)
Bystander CPR (excludes nursing home/healthcare facility events)	192 (47.4)	74 (38.5)	87 (45.3)	47 (24.5)	42 (21.9)
No Bystander CPR (excludes nursing home/healthcare facility events)	213 (52.6)	50 (23.5)	62 (29.1)	16 (7.5)	11 (5.2)
Initial Arrest Rhythm					
Shockable	80 (18.3)	39 (48.8)	53 (66.2)	42 (52.5)	37 (46.2)
Non-shockable	357 (81.7)	94 (26.3)	113 (31.7)	28 (7.8)	21 (5.9)
AED Use					
Bystander AED use*	23 (5.6)	11 (47.8)	18 (78.3)	11 (47.8)	11 (47.8)
Bystander AED use* (excludes nursing home/healthcare facility events)	19 (4.7)	10 (52.6)	15 (78.9)	11 (57.9)	11 (57.9)
Trained provider (First Responder) AED use	146 (33.4)	52 (35.6)	55 (37.7)	25 (17.1)	21 (14.4)
Utstein					
Witnessed and shockable	58 (13.3)	28 (48.3)	40 (69.0)	31 (53.4)	29 (50.0)
Bystander witnessed and shockable	52 (11.9)	27 (51.9)	37 (71.2)	29 (55.8)	28 (53.8)
Hypothermia					
Field hypothermia	4 (0.9)	2 (50.0)	2 (50.0)	1 (25.0)	1 (25.0)
In-hospital hypothermia/TTM (among admitted patients)	42 (25.3)	--	--	20 (47.6)	16 (38.1)

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=0).

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

[†]CPC missing for 0 patients.

CARES Survival Report

Incident State: MI | Date of Arrest: 01/01/13 - 12/31/25 | Non-Traumatic Etiology

	Age = >18 years N = 88560				
	Total N (%)	Sustained ROSC (%)	Survival to hospital admission (%)	Survival to hospital discharge (%)	Survival to discharge with CPC 1 or 2 [†] (%)
Total	88560	24740 (27.9)	22062 (24.9)	7403 (8.4)	6051 (6.8)
Location of Arrest					
Home/Residence	62806 (70.9)	17120 (27.3)	15320 (24.4)	4597 (7.3)	3721 (5.9)
Nursing Home	13127 (14.8)	2948 (22.5)	1951 (14.9)	425 (3.2)	205 (1.6)
Public Setting	12626 (14.3)	4672 (37.0)	4791 (37.9)	2381 (18.9)	2125 (16.8)
Arrest Witnessed Status					
Unwitnessed	45701 (51.6)	8579 (18.8)	7118 (15.6)	1666 (3.6)	1255 (2.7)
Bystander witnessed	33123 (37.4)	12610 (38.1)	11221 (33.9)	4292 (13.0)	3591 (10.8)
911 Responder witnessed	9734 (11.0)	3550 (36.5)	3722 (38.2)	1444 (14.8)	1205 (12.4)
Bystander CPR*					
Bystander CPR	36700 (46.6)	10581 (28.8)	8939 (24.4)	3355 (9.1)	2780 (7.6)
No Bystander CPR	42123 (53.4)	10608 (25.2)	9400 (22.3)	2603 (6.2)	2066 (4.9)
Bystander CPR (excludes nursing home/healthcare facility events)	23774 (37.3)	7444 (31.3)	6723 (28.3)	2728 (11.5)	2374 (10.0)
No Bystander CPR (excludes nursing home/healthcare facility events)	40031 (62.7)	10053 (25.1)	9015 (22.5)	2506 (6.3)	2005 (5.0)
Initial Arrest Rhythm					
Shockable	15263 (17.2)	6834 (44.8)	6767 (44.3)	3837 (25.1)	3425 (22.4)
Non-shockable	73296 (82.8)	17906 (24.4)	15295 (20.9)	3566 (4.9)	2626 (3.6)
AED Use					
Bystander AED use*	8498 (10.8)	2366 (27.8)	1849 (21.8)	800 (9.4)	652 (7.7)
Bystander AED use* (excludes nursing home/healthcare facility events)	1224 (1.9)	572 (46.7)	563 (46.0)	383 (31.3)	372 (30.4)
Trained provider (First Responder) AED use	23457 (26.5)	6741 (28.7)	5797 (24.7)	2108 (9.0)	1810 (7.7)
Utstein					
Witnessed and shockable	10651 (12.0)	5280 (49.6)	5261 (49.4)	3173 (29.8)	2868 (26.9)
Bystander witnessed and shockable	8962 (10.1)	4404 (49.1)	4382 (48.9)	2574 (28.7)	2310 (25.8)
Hypothermia					
Field hypothermia	448 (0.5)	266 (59.4)	204 (45.5)	63 (14.1)	51 (11.4)
In-hospital hypothermia/TTM (among admitted patients)	9841 (44.6)	--	--	2897 (29.4)	2140 (21.7)

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=15).

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

[†]CPC missing for 0 patients.