

CARES Dispatcher Assisted-CPR Report

End of the Event: Dead in Field, Pronounced Dead in ED, Ongoing Resuscitation in ED | Resuscitation Attempted by 911 Responder: Yes | Presumed Cardiac Etiology, Respiratory/Asphyxia, Drowning/Submersion, Electrocutation, Other, Drug Overdose, Exsanguination/Hemorrhage | Service Date: 01/01/19 - 12/31/19

Characteristic	Agency	State	National
Bystander CPR (Module-based)	N=165	N=698	N=4195
Bystander CPR with dispatcher assistance	123 (74.5%)	366 (52.4%)	2098 (50.0%)
Bystander CPR without dispatcher assistance	8 (4.8%)	62 (8.9%)	464 (11.1%)
Dispatcher CPR Instructions			
Dispatcher recognized need for CPR	143 (96.6%)	510 (80.7%)	3227 (82.7%)
CPR instructions started	140 (92.7%)	463 (71.9%)	2805 (72.7%)
CPR instructions refused	3 (4.1%)	18 (6.9%)	148 (7.3%)
Compressions started	132 (85.2%)	372 (58.4%)	2375 (62.7%)
Time Intervals			
Call receipt to CPR recognition	64	477	2645
Mean	01:11	02:03	01:39
Median	00:46	01:40	01:17
Call receipt to CPR instruction	71	439	2473
Mean	01:21	02:04	02:05
Median	00:57	01:40	01:40
Call receipt to first compression	125	360	2238
Mean	02:21	03:46	03:10
Median	02:03	03:29	02:53
Barriers to CPR			
	N=73	N=260	N=2039
Hang up phone	3 (4.1%)	9 (3.5%)	100 (4.9%)
Language barrier	7 (9.6%)	24 (9.2%)	78 (3.8%)
Difficult patient access	4 (5.5%)	8 (3.1%)	185 (9.1%)
Caller left phone	4 (5.5%)	23 (8.8%)	128 (6.3%)
Overly distraught	14 (19.2%)	24 (9.2%)	224 (11.0%)
Caller refused	3 (4.1%)	18 (6.9%)	148 (7.3%)
Couldn't move patient	22 (30.1%)	73 (28.1%)	517 (25.4%)
Caller not with patient	7 (9.6%)	48 (18.5%)	283 (13.9%)
Patient's status changed	6 (8.2%)	5 (1.9%)	224 (11.0%)
Other	12 (16.4%)	54 (20.8%)	441 (21.6%)
Not Applicable	0 (0.0%)	14 (5.4%)	169 (8.3%)

Case criteria: An out-of-hospital cardiac arrest where resuscitation is attempted by a 911 responder* (CPR and/or defibrillation). This would include patients that received an AED shock by a bystander prior to the arrival of 911 responders. 911 responder witnessed AND nursing home/healthcare facility arrests are excluded from analysis.

*A 911 responder is defined as a first responder or EMS personnel.