



Agency:	Tucson Fire Dept.
Agency Code(s):	TGCON081,FRT0081
Report Start:	1/1/2017
Report End:	12/31/2017

	Agency	System Wide
Arrest Details		
Total Cases	540	4365

Bystander CPR - Yes	296 (54.8%)	2416 (55.3%)
Bystander CPR - No	203 (37.6%)	1733 (39.7%)
Bystander CPR - Unknown	41 (7.6%)	216 (4.9%)

Initial Rhythm		
Asystole	365 (67.6%)	2475 (56.7%)
Other	8 (1.5%)	42 (1.0%)
PEA	81 (15.0%)	907 (20.8%)
Sinus Bradycardia	11 (2.0%)	55 (1.3%)
Unknown Shockable Rhythm	0 (0.0%)	43 (1.0%)
Unknown Unshockable Rhythm	6 (1.1%)	59 (1.4%)
VF/VT	67 (12.4%)	749 (17.2%)
Unknown	0 (0.0%)	0 (0.0%)

Transported to		
Receiving Center	311 (57.6%)	2563 (58.7%)
Referral Center	0 (0.0%)	131 (3.0%)
Non Receiving/Referral Center ¹	4 (0.7%)	440 (10.1%)
Not Transported	225 (41.7%)	1231 (28.2%)

Cardiac Arrest Etiology Outcomes, excluding DNR cases		
Discharged Alive	30 (7.48%)	273 (8.90%)
Expired in Field	188 (46.88%)	960 (31.30%)
Expired in ED	92 (22.94%)	914 (29.80%)
Expired in Hospital	85 (21.20%)	691 (22.53%)
Outcome Pending ¹	6 (1.50%)	229 (7.47%)
Survival - Bystander Witnessed	26 (20.63%)	195 (13.98%)
Survival - Utstein (Bystander Witnessed, Shockable, no DNR) ²	14 (45.16%)	135 (32.53%)

All Etiology Outcomes, excluding DNR cases		
Discharged Alive	45 (9.98%)	395 (10.26%)
Expired in Field	219 (48.56%)	1178 (30.60%)
Expired in ED	99 (21.95%)	1110 (28.83%)
Expired in Hospital	82 (18.18%)	861 (22.36%)
Outcome Pending **	6 (1.33%)	306 (7.95%)
Survival - Bystander Witnessed	36 (21.82%)	264 (15.76%)
Survival - Utstein (Bystander Witnessed, Shockable, no DNR) ²	16 (42.11%)	151 (30.63%)



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Demographics		
Male	336 (62.2%)	2789 (63.9%)
Female	204 (37.8%)	1576 (36.1%)
Unknown	0 (0.0%)	0 (0.0%)
Average Age Male	59.49	61.91
Average Age Female	63.36	62.22

	Agency	System Wide
Locations of Arrest		
Healthcare Facility	39 (7.2%)	221 (5.1%)
Home/Residence	362 (67.0%)	3017 (69.1%)
Industrial Place	0 (0.0%)	1 (0.0%)
Jail/Correctional Facility	9 (1.7%)	39 (0.9%)
Nursing Home	73 (13.5%)	491 (11.2%)
Other	3 (0.6%)	70 (1.6%)
Place of Recreation	7 (1.3%)	59 (1.4%)
Public/Commercial Building	24 (4.4%)	267 (6.1%)
Street/Hwy	23 (4.3%)	197 (4.5%)
Transport Center	0 (0.0%)	3 (0.1%)

	Agency	System Wide
Rescuers		
Yes, Employee of arrest location	62 (11.5%)	205 (4.7%)
Yes, Law Enforcement	14 (2.6%)	237 (5.4%)
Yes, Neighbor/Friend	17 (3.1%)	79 (1.8%)
Yes, Nursing Home/Physician Office Personnel	53 (9.8%)	580 (13.3%)
Yes, Off-Duty Paramedic/EMT	1 (0.2%)	28 (0.6%)
Yes, Off-Duty Physician/Nurse	2 (0.4%)	48 (1.1%)
Yes, Other Family Member	63 (11.7%)	581 (13.3%)
Yes, Significant Other or Spouse	40 (7.4%)	164 (3.8%)
Yes, Stranger	9 (1.7%)	191 (4.4%)
Yes, Unknown Party	35 (6.5%)	303 (6.9%)
No Bystander CPR	232 (43.0%)	1862 (42.7%)
Unknown	12 (2.2%)	87 (2.0%)

SHARE EMS Case: NonTraumatic cases that had EMS Resuscitation Attempted, or if no EMS Resuscitation, a bystander used an AED to deliver a shock prior to EMS arrival

¹ Outcomes are not available for cases transported to non CRC (Cardiac Receiving/Referral Center) Hospitals.

² Utstein: Witnessed by bystander and found in a shockable rhythm

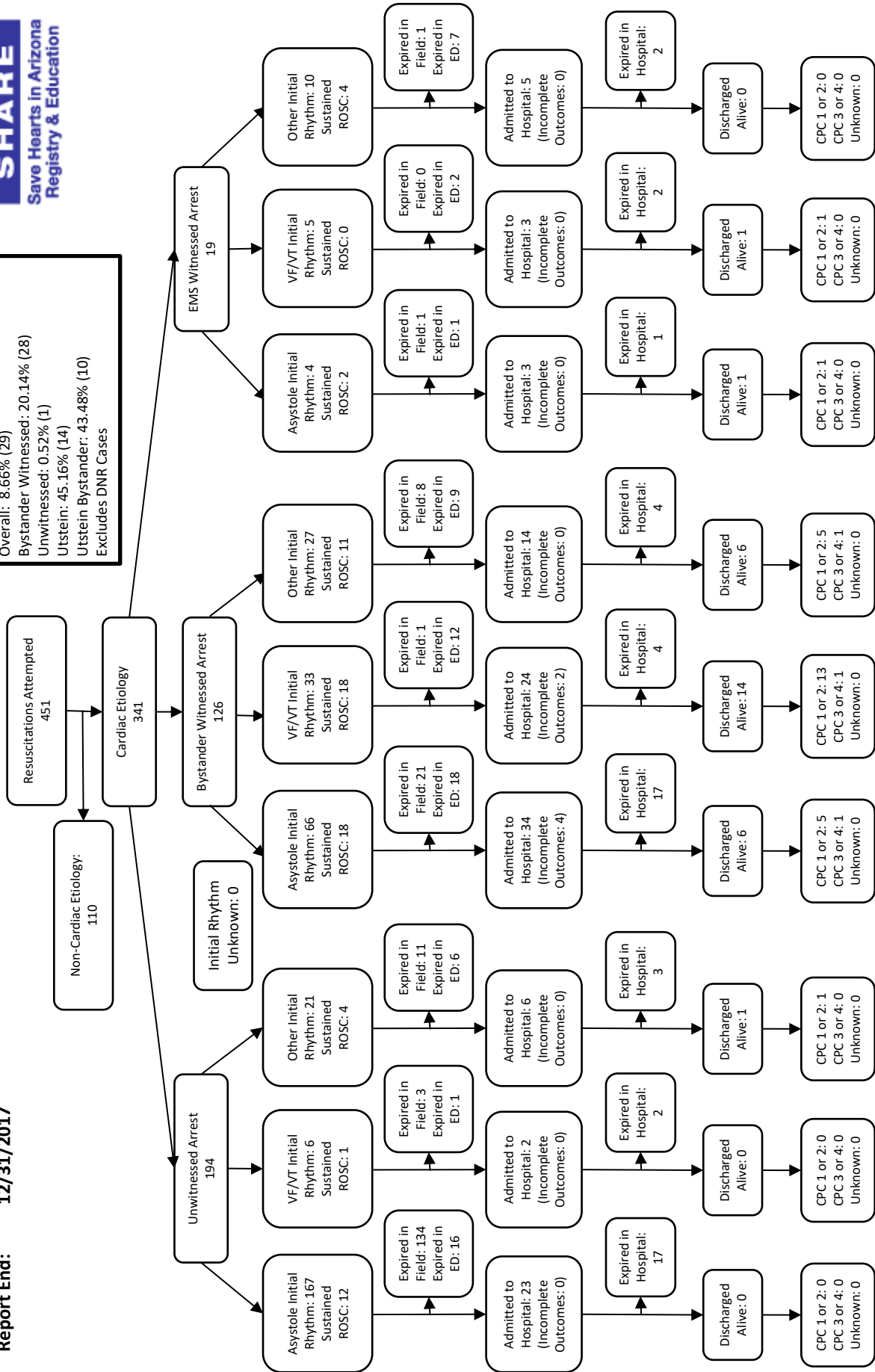
Bystander Utstein: Witnessed by bystander, initial shockable rhythm, and received some bystander intervention - CPR or AED Applied (on Utstein Survival Pages)



Tucson Fire Dept. Utstein Survival Report

Report Start: 1/1/2017
Report End: 12/31/2017

Cardiac Etiology Survival Rates
Overall: 8.66% (29)
Bystander Witnessed: 20.14% (28)
Unwitnessed: 0.52% (1)
Utstein: 45.16% (14)
Excludes DNR Cases





System Wide Utstein Survival Report

Report Start: 1/1/2017
 Report End: 12/31/2017

Cardiac Etiology Survival Rates
 Overall: 9.62% (273)
 Bystander Witnessed: 15.49% (239)
 Unwitnessed: 2.58% (33)
 Utstein: 32.53% (135)
 Utstein Bystander: 36.46% (105)
 Excludes DNR Cases

