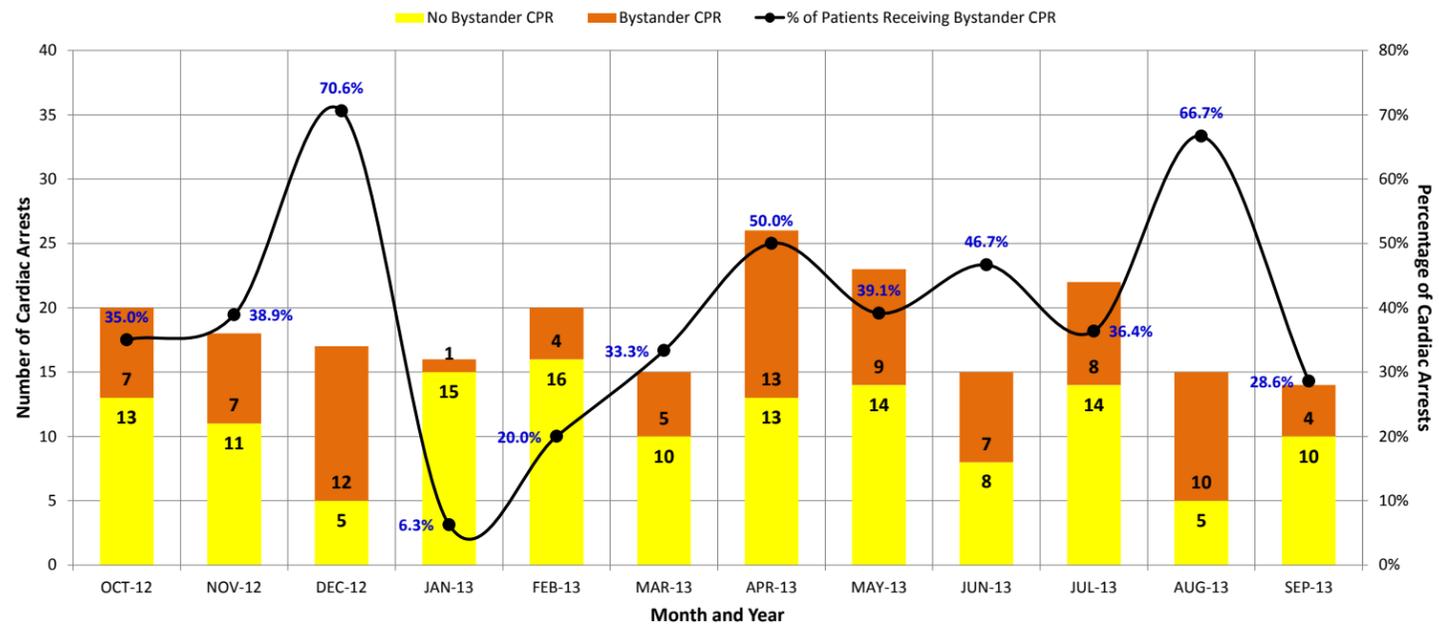
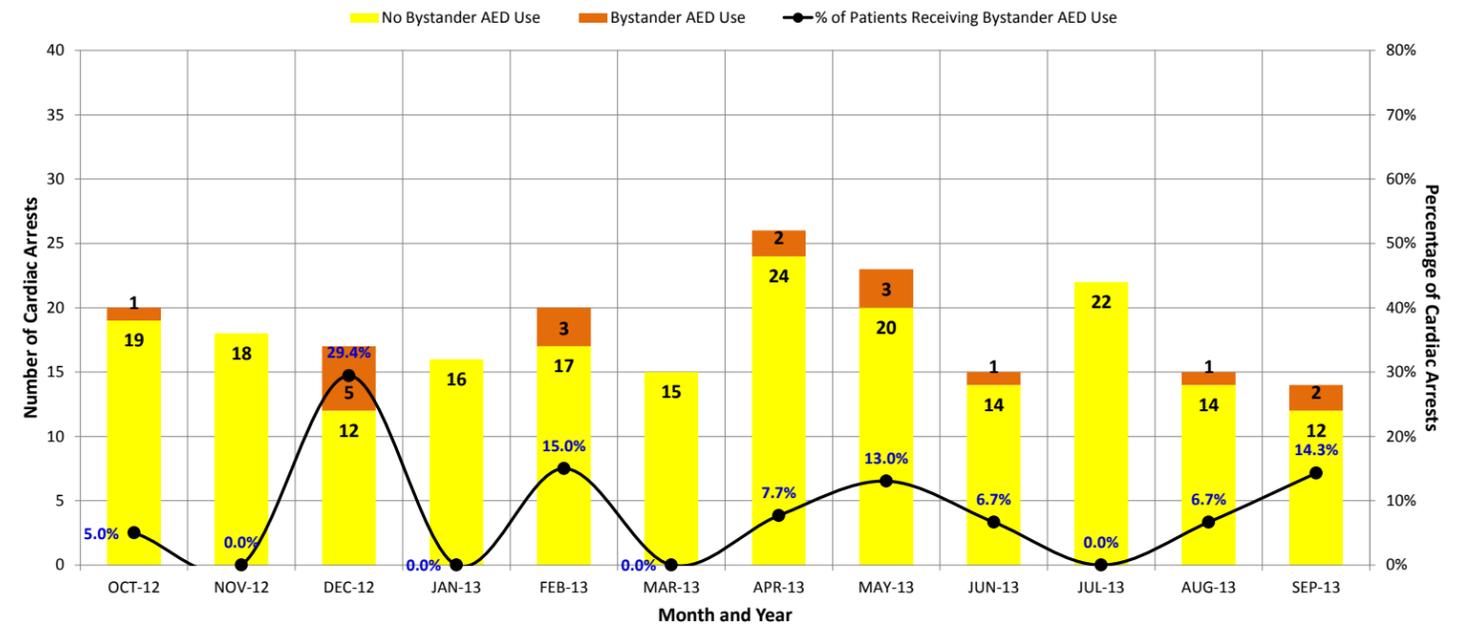


District of Columbia Fire and Emergency Medical Services Department
Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2013 (10/1/2012 to 9/30/2013)

Cardiac Arrests Witnessed by Bystanders (CPR)



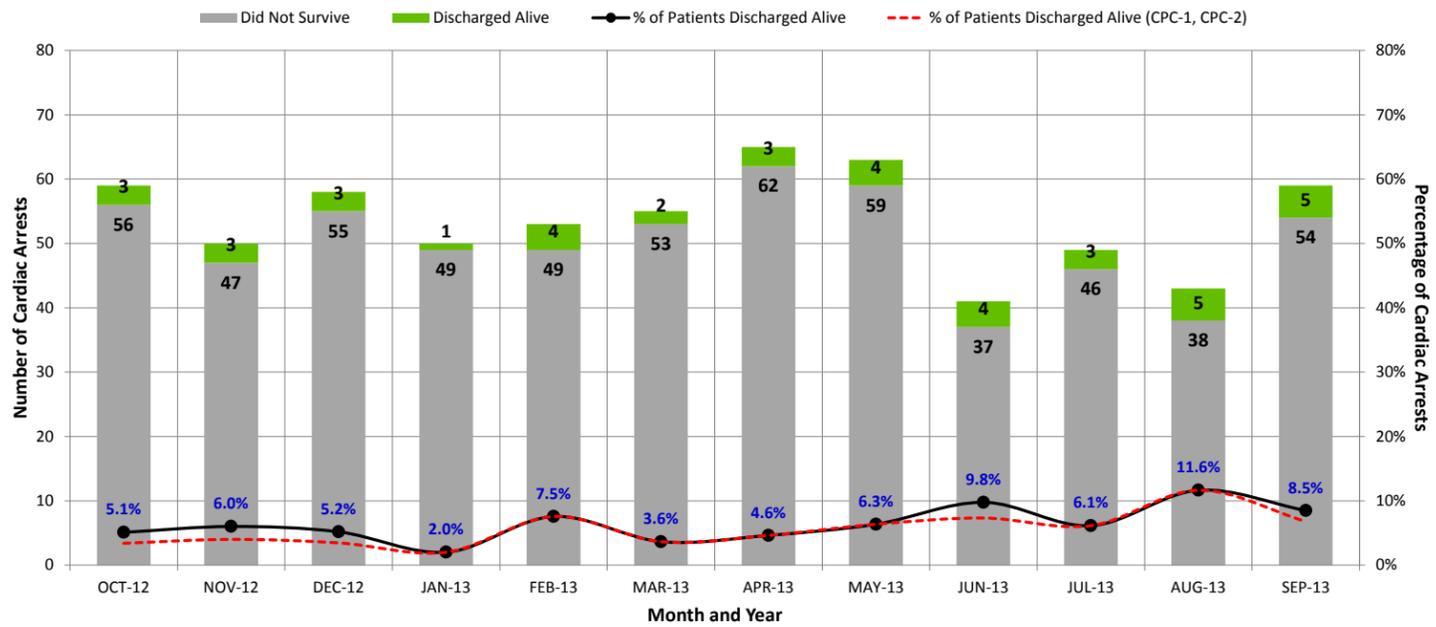
Cardiac Arrests Witnessed by Bystanders (AED Use)



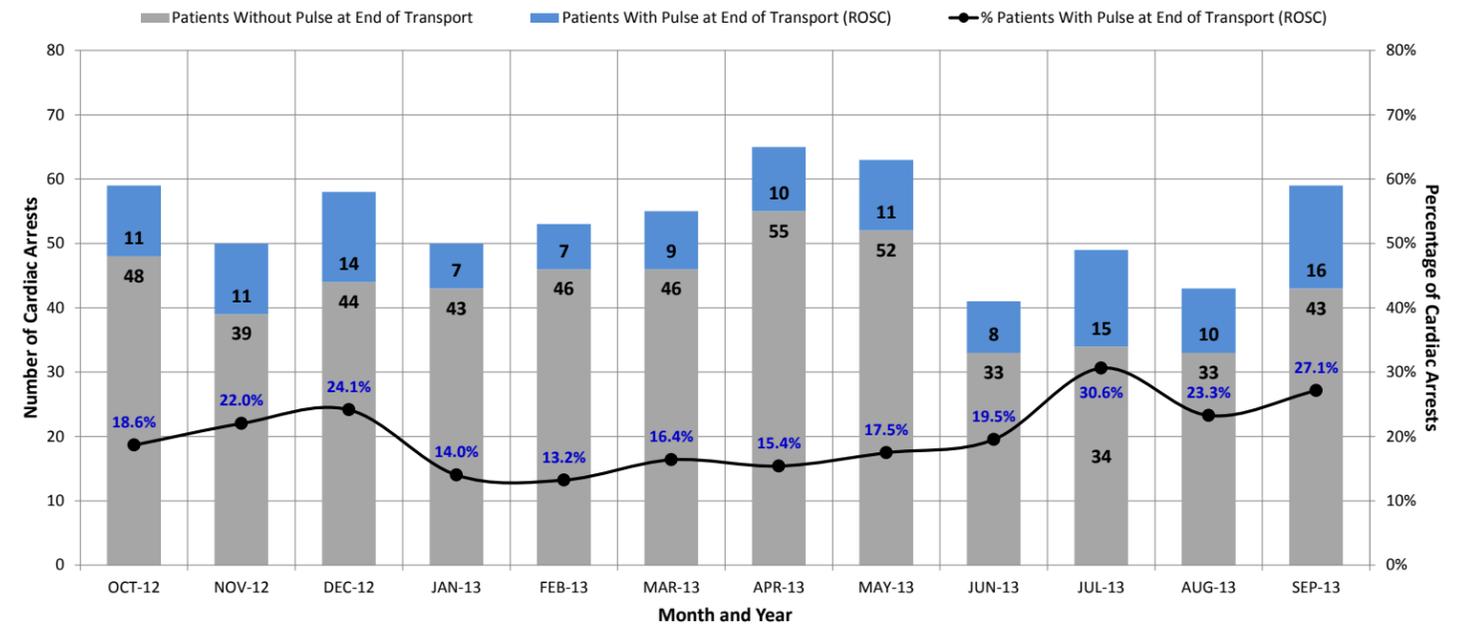
District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2013 (10/1/2012 to 9/30/2013)

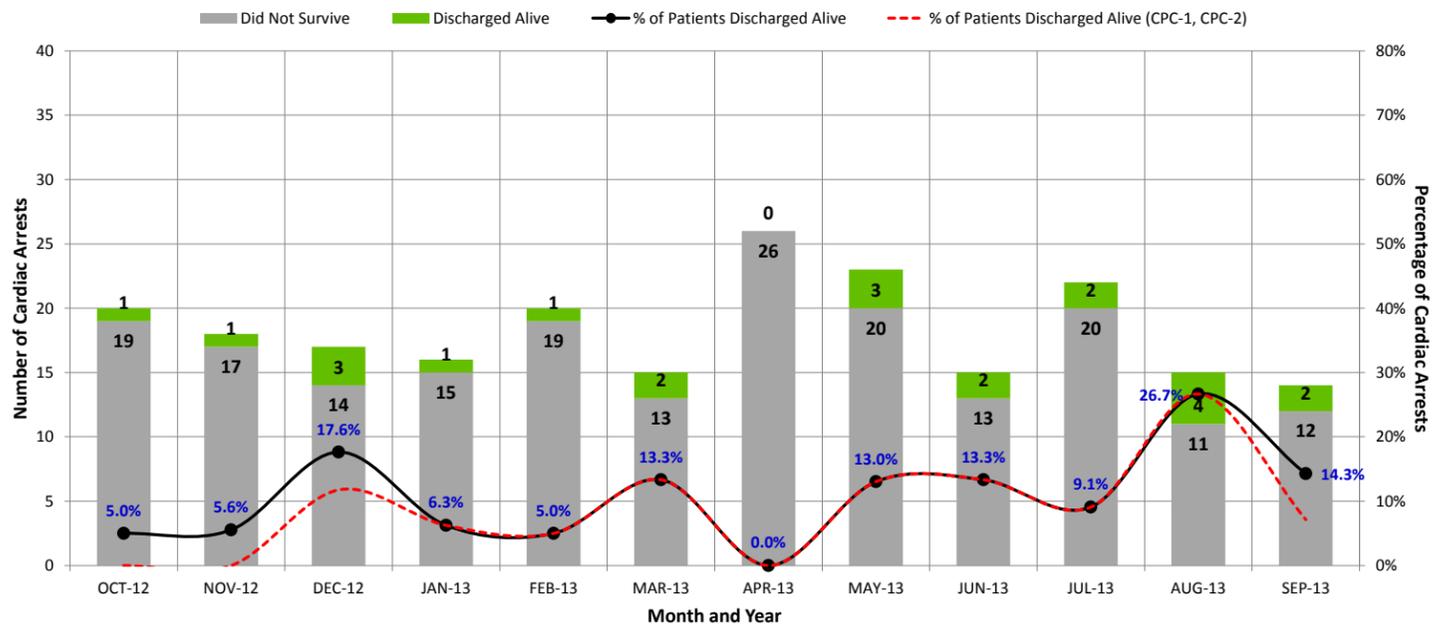
Panel 1: All Cardiac Arrests (Outcome)



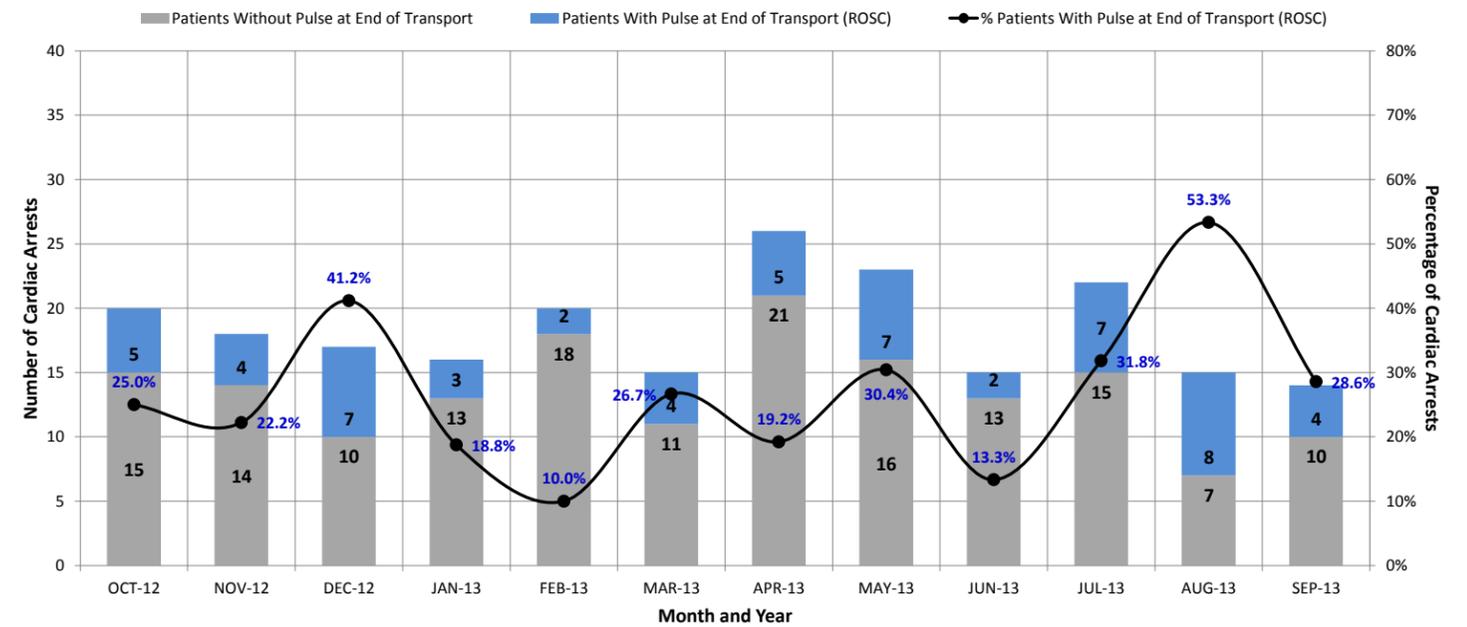
Panel 1-A: All Cardiac Arrests (ROSC)



Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome)



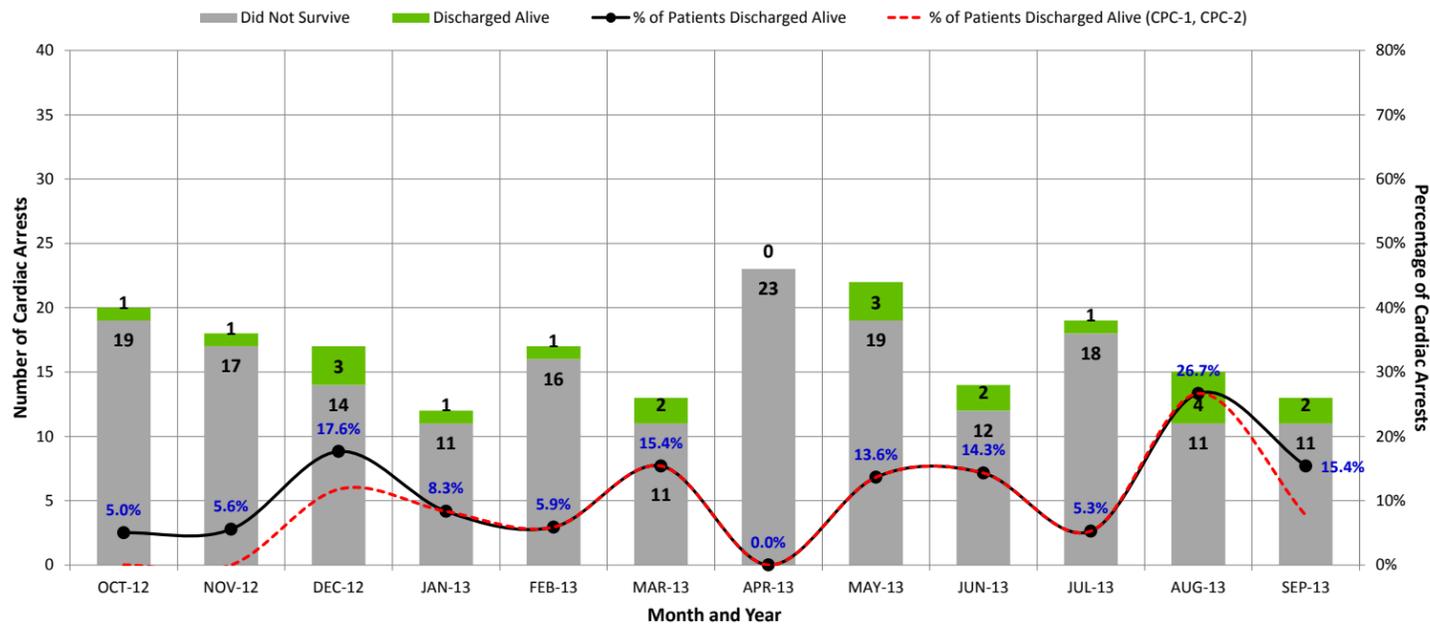
Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)



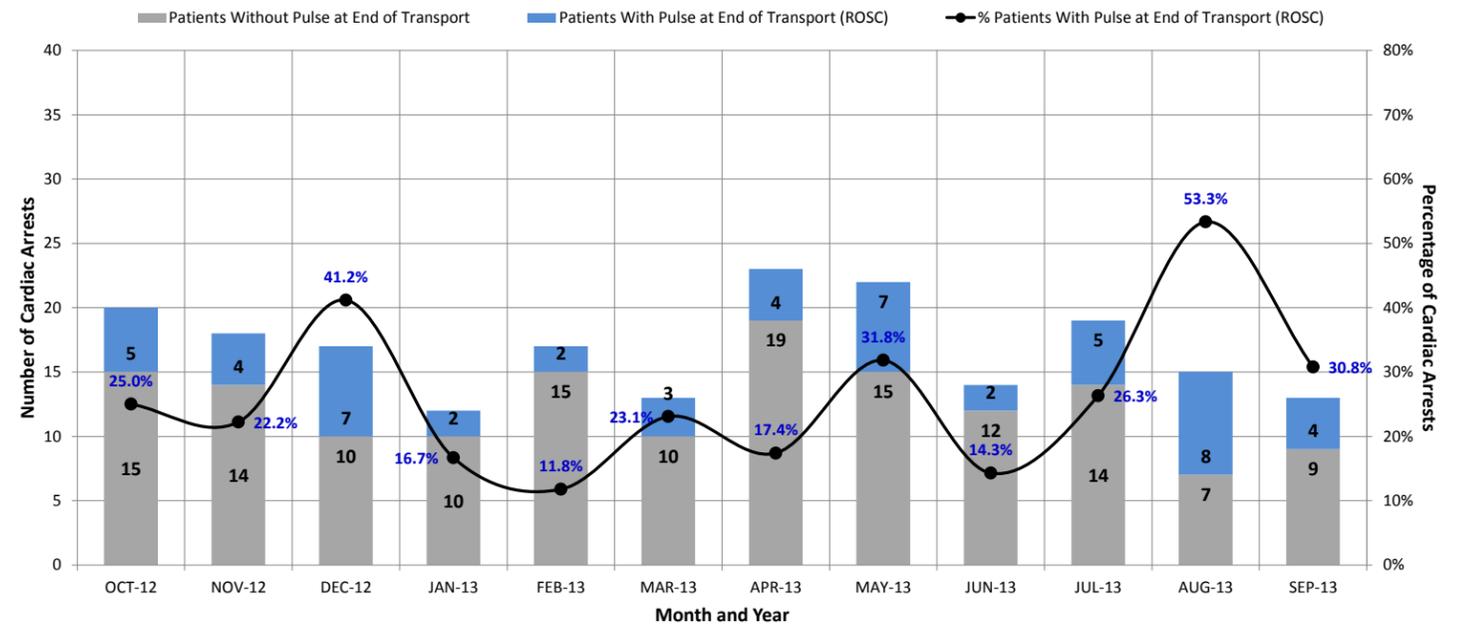
District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2013 (10/1/2012 to 9/30/2013)

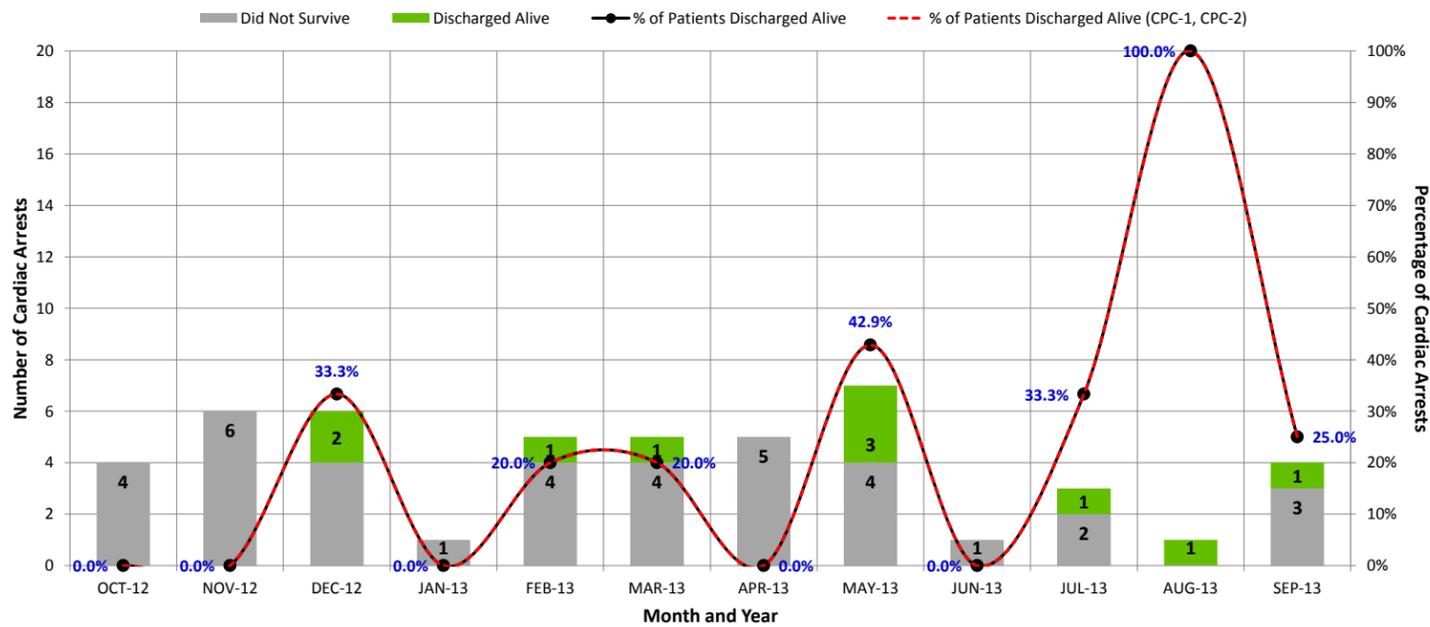
Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)



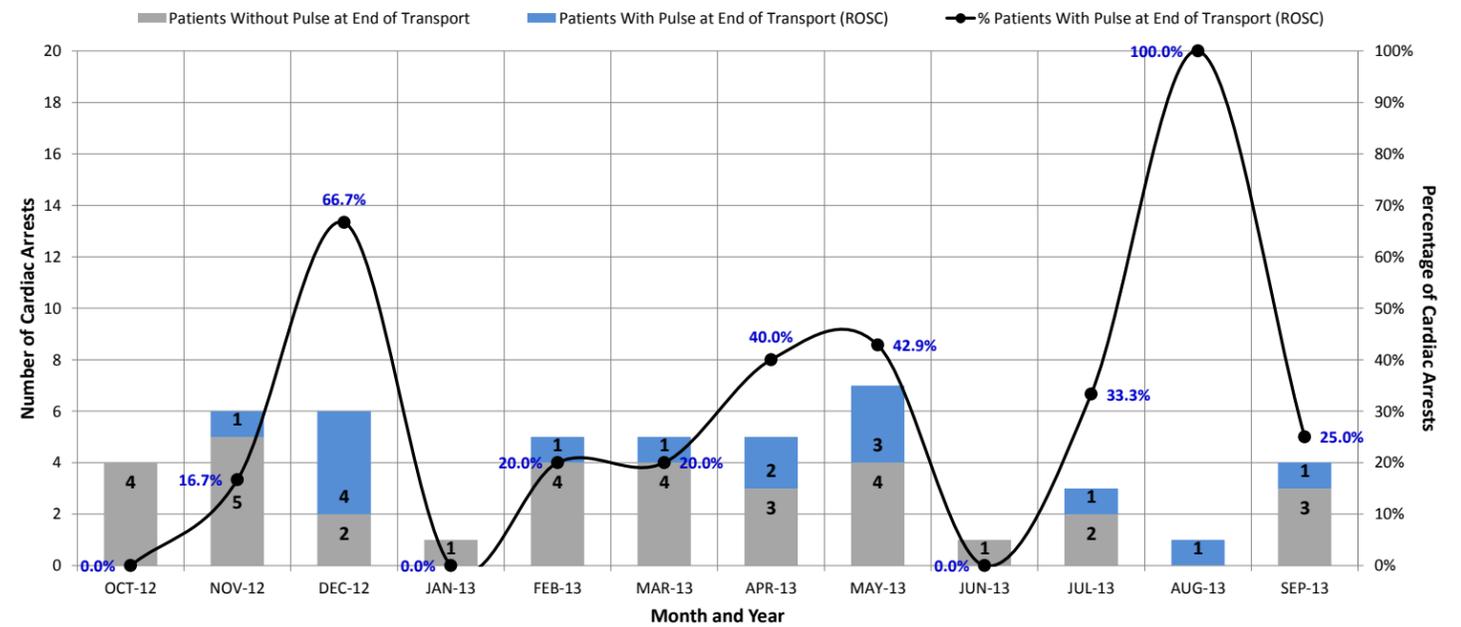
Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)



Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome)



Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)



District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Who Initiated CPR?	0	0	0	0	0
Not Applicable	0	0	0	0	0
Lay Person	8	5	8	8	29
Lay Person Family Member	5	2	8	6	21
Lay Person Medical Provider	13	3	13	8	37
First Responder (non-transport provider)	19	30	22	14	85
Responding EMS Personnel	10	11	13	15	49
CPR Initiated by Bystanders	26	10	29	22	87
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	47.3%	19.6%	45.3%	43.1%	39.4%

Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
AED applied prior to EMS arrival	15	18	16	9	58
Who Applied AED?					
Lay Person	3	1	3	2	9
Lay Person Family Member	0	0	0	0	0
Lay Person Medical Provider	3	2	3	1	9
First Responder (non-transport provider)	9	15	10	6	40
Police Applied AED	1	0	1	0	2
Unknown					
AED Used by Bystanders	6	3	6	3	18
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	10.9%	5.9%	9.4%	5.9%	8.1%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 1: All Cardiac Arrests (Outcome)	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Transported to ED	167	155	153	142	617
Pronounced Dead in ED	75	63	57	59	254
Ongoing Resuscitation in ED	92	92	96	83	363
Admitted to Hospital	29	24	28	37	118
Died in Hospital	9	13	8	16	46
Discharged alive	8	6	9	13	36
Discharged alive (CPC-1 or CPC-2)	6	6	9	12	33
Discharged alive (CPC-3, CPC-4 or Unk)	2	0	0	1	3
Died in Hospital after DNR	11	4	9	8	32
Discharged alive after DNR	1	1	2	0	4
Discharged alive after DNR (CPC-1 or CPC-2)	0	1	1	0	2
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	1	0	1	0	2
Total Discharged Alive	9	7	11	13	40
Total Discharged Alive (CPC-1 or CPC-2)	6	7	10	12	35
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	0	1	1	5
Overall Survival Rate.	5.4%	4.4%	6.5%	8.6%	6.2%
Overall Survival Rate (CPC-1 or CPC-2).	3.6%	4.4%	5.9%	7.9%	5.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) KPI	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Transported to ED	55	50	59	47	211
Pronounced Dead in ED	21	20	19	19	79
Ongoing Resuscitation in ED	34	30	40	28	132
Admitted to Hospital	14	12	16	16	58
Died in Hospital	3	6	4	4	17
Discharged alive	4	3	5	8	20
Discharged alive (CPC-1 or CPC-2)	2	3	5	7	17
Discharged alive (CPC-3, CPC-4 or Unk)	2	0	0	1	3
Died in Hospital after DNR	6	2	7	4	19
Discharged alive after DNR	1	1	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	1	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	1	0	0	0	1
Total Discharged Alive	5	4	5	8	22
Total Discharged Alive (CPC-1 or CPC-2)	2	4	5	7	18
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	0	0	1	4
Overall Survival Rate.	9.1%	7.8%	7.8%	15.7%	10.0%
Overall Survival Rate (CPC-1 or CPC-2).	3.6%	7.8%	7.8%	13.7%	8.1%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Presumed Cardiac Etiology	55	42	59	47	203
Transported to ED	55	41	54	43	193
Pronounced Dead in ED	21	15	17	17	70
Ongoing Resuscitation in ED	34	26	37	26	123
Admitted to Hospital	14	9	15	15	53
Died in Hospital	3	4	4	4	15
Discharged alive	4	3	5	7	19
Discharged alive (CPC-1 or CPC-2)	2	3	5	6	16
Discharged alive (CPC-3, CPC-4 or Unk)	2	0	0	1	3
Died in Hospital after DNR	6	1	6	4	17
Discharged alive after DNR	1	1	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	1	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	1	0	0	0	1
Total Discharged Alive	5	4	5	7	21
Total Discharged Alive (CPC-1 or CPC-2)	2	4	5	6	17
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	0	0	1	4
Overall Survival Rate.	9.1%	9.5%	8.5%	14.9%	10.3%
Overall Survival Rate (CPC-1 or CPC-2).	3.6%	9.5%	8.5%	12.8%	8.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome) KPI	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Presumed Cardiac Etiology	55	42	59	47	203
"Shockable" Rhythm (VFib/VTach/Unk)	16	11	13	8	48
Transported to ED	16	11	13	8	48
Pronounced Dead in ED	3	2	4	2	11
Ongoing Resuscitation in ED	13	9	9	6	37
Admitted to Hospital	3	3	5	4	15
Died in Hospital	1	1	0	0	2
Discharged alive	2	2	3	3	10
Discharged alive (CPC-1 or CPC-2)	2	2	3	3	10
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Died in Hospital after DNR	0	0	2	1	3
Discharged alive after DNR	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Total Discharged Alive	2	2	3	3	10
Total Discharged Alive (CPC-1 or CPC-2)	2	2	3	3	10
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Overall Survival Rate.	12.5%	18.2%	23.1%	37.5%	20.8%
Overall Survival Rate (CPC-1 or CPC-2).	12.5%	18.2%	23.1%	37.5%	20.8%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 1-A: All Cardiac Arrests (ROSC)	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Pronounced Dead Before Transport	0	3	16	9	28
Transported to ED	167	155	153	142	617
Pulseless at End of Transport	131	132	124	101	488
Pulse at End of Transport	36	23	29	41	129
Pronounced Dead in ED	3	0	1	2	6
Ongoing Resuscitation in ED	33	23	28	39	123
Admitted to Hospital	23	16	19	24	82
Died in Hospital	6	10	6	10	32
Discharged alive	7	4	7	11	29
Discharged alive (CPC-1 or CPC-2)	5	4	7	10	26
Discharged alive (CPC-3, CPC-4 or Unk)	2	0	0	1	3
Died in Hospital after DNR	9	1	5	3	18
Discharged alive after DNR	1	1	1	0	3
Discharged alive after DNR (CPC-1 or CPC-2)	0	1	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	1	0	1	0	2
Total Discharged Alive	8	5	8	11	32
Total Discharged Alive (CPC-1 or CPC-2)	5	5	7	10	27
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	0	1	1	5
Pulse at End of Transport (Pre-Hospital ROSC rate).	21.6%	14.6%	17.2%	27.2%	20.0%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	34.8%	31.3%	42.1%	45.8%	39.0%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	21.7%	31.3%	36.8%	41.7%	32.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Pronounced Dead Before Transport	0	1	5	4	10
Transported to ED	55	50	59	47	211
Pulseless at End of Transport	39	41	45	28	153
Pulse at End of Transport	16	9	14	19	58
Pronounced Dead in ED	0	0	0	2	2
Ongoing Resuscitation in ED	16	9	14	17	56
Admitted to Hospital	12	8	11	12	43
Died in Hospital	2	5	2	4	13
Discharged alive	4	2	5	6	17
Discharged alive (CPC-1 or CPC-2)	2	2	5	5	14
Discharged alive (CPC-3, CPC-4 or Unk)	2	0	0	1	3
Died in Hospital after DNR	5	0	4	2	11
Discharged alive after DNR	1	1	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	1	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	1	0	0	0	1
Total Discharged Alive	5	3	5	6	19
Total Discharged Alive (CPC-1 or CPC-2)	2	3	5	5	15
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	0	0	1	4
Pulse at End of Transport (Pre-Hospital ROSC rate).	29.1%	17.6%	21.9%	37.3%	26.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	41.7%	37.5%	45.5%	50.0%	44.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	16.7%	37.5%	45.5%	41.7%	34.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Presumed Cardiac Etiology	55	42	59	47	203
Pronounced Dead Before Transport	0	1	5	4	10
Transported to ED	55	41	54	43	193
Pulseless at End of Transport	39	34	41	26	140
Pulse at End of Transport	16	7	13	17	53
Pronounced Dead in ED	0	0	0	2	2
Ongoing Resuscitation in ED	16	7	13	15	51
Admitted to Hospital	12	6	11	11	40
Died in Hospital	2	3	2	4	11
Discharged alive	4	2	5	5	16
Discharged alive (CPC-1 or CPC-2)	2	2	5	4	13
Discharged alive (CPC-3, CPC-4 or Unk)	2	0	0	1	3
Died in Hospital after DNR	5	0	4	2	11
Discharged alive after DNR	1	1	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	1	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	1	0	0	0	1
Total Discharged Alive	5	3	5	5	18
Total Discharged Alive (CPC-1 or CPC-2)	2	3	5	4	14
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	0	0	1	4
Pulse at End of Transport (Pre-Hospital ROSC rate).	29.1%	16.7%	22.0%	36.2%	26.1%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	41.7%	50.0%	45.5%	45.5%	45.0%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	16.7%	50.0%	45.5%	36.4%	35.0%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2013 (Q1 to Q4)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)	Q1-FY-13	Q2-FY-13	Q3-FY-13	Q4-FY-13	FY-13 (TOTAL)
Total Cardiac Arrests	167	158	169	151	645
Witnessed Cardiac Arrests	74	81	89	73	317
NOT Witnessed by EMS	55	51	64	51	221
Presumed Cardiac Etiology	55	42	59	47	203
"Shockable" Rhythm (VFib/VTach/Unk)	16	11	13	8	48
Pronounced Dead Before Transport	0	0	0	0	0
Transported to ED	16	11	13	8	48
Pulseless at End of Transport	11	9	8	5	33
Pulse at End of Transport	5	2	5	3	15
Pronounced Dead in ED	0	0	0	0	0
Ongoing Resuscitation in ED	5	2	5	3	15
Admitted to Hospital	3	2	4	3	12
Died in Hospital	1	0	0	0	1
Discharged alive	2	2	3	3	10
Discharged alive (CPC-1 or CPC-2)	2	2	3	3	10
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Died in Hospital after DNR	0	0	1	0	1
Discharged alive after DNR	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Total Discharged Alive	2	2	3	3	10
Total Discharged Alive (CPC-1 or CPC-2)	2	2	3	3	10
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0
Pulse at End of Transport (Pre-Hospital ROSC rate).	31.3%	18.2%	38.5%	37.5%	31.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	66.7%	100.0%	75.0%	100.0%	83.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	66.7%	100.0%	75.0%	100.0%	83.3%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Who Initiated CPR?													
Not Applicable	0	0	0	0	0	0	0	0	0	0	0	0	0
Lay Person	2	0	6	0	2	3	3	3	2	3	3	2	29
Lay Person Family Member	1	2	2	0	1	1	4	1	3	1	4	1	21
Lay Person Medical Provider	4	5	4	1	1	1	6	5	2	4	3	1	37
First Responder (non-transport provider)	8	7	4	13	12	5	11	6	5	6	3	5	85
Responding EMS Personnel	5	4	1	2	4	5	2	8	3	8	2	5	49
CPR Initiated by Bystanders	7	7	12	1	4	5	13	9	7	8	10	4	87
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	35.0%	38.9%	70.6%	6.3%	20.0%	33.3%	50.0%	39.1%	46.7%	36.4%	66.7%	28.6%	39.4%

Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
AED applied prior to EMS arrival	5	2	8	8	9	1	6	7	3	3	3	3	58
Who Applied AED?													0
Lay Person	0	0	3	0	1	0	1	1	1	0	1	1	9
Lay Person Family Member	0												
Lay Person Medical Provider	1	0	2	0	2	0	1	2	0	0	0	1	9
First Responder (non-transport provider)	4	2	3	8	6	1	4	4	2	3	2	1	40
Police Applied AED	0	0	1	0	0	0	0	1	0	0	0	0	2
Unknown													0
AED Used by Bystanders	1	0	5	0	3	0	2	3	1	0	1	2	18
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	5.0%	0.0%	29.4%	0.0%	15.0%	0.0%	7.7%	13.0%	6.7%	0.0%	6.7%	14.3%	8.1%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 1: All Cardiac Arrests (Outcome)	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Transported to ED	59	50	58	49	53	53	54	60	39	45	40	57	617
Pronounced Dead in ED	28	19	28	23	19	21	18	26	13	21	15	23	254
Ongoing Resuscitation in ED	31	31	30	26	34	32	36	34	26	24	25	34	363
Admitted to Hospital	9	11	9	5	11	8	10	9	9	12	13	12	118
Died in Hospital	2	3	4	4	5	4	1	3	4	6	5	5	46
Discharged alive	3	2	3	1	4	1	2	4	3	3	5	5	36
Discharged alive (CPC-1 or CPC-2)	2	2	2	1	4	1	2	4	3	3	5	4	33
Discharged alive (CPC-3, CPC-4 or Unk)	1	0	1	0	0	0	0	0	0	0	0	1	3
Died in Hospital after DNR	4	5	2	0	2	2	6	2	1	3	3	2	32
Discharged alive after DNR	0	1	0	0	0	1	1	0	1	0	0	0	4
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	1	1	0	0	0	0	0	2
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	0	0	0	0	1	0	0	0	2
Total Discharged Alive	3	3	3	1	4	2	3	4	4	3	5	5	40
Total Discharged Alive (CPC-1 or CPC-2)	2	2	2	1	4	2	3	4	3	3	5	4	35
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	1	0	0	0	0	0	1	0	0	1	5
Overall Survival Rate.	5.1%	6.0%	5.2%	2.0%	7.5%	3.6%	4.6%	6.3%	9.8%	6.1%	11.6%	8.5%	6.2%
Overall Survival Rate (CPC-1 or CPC-2).	3.4%	4.0%	3.4%	2.0%	7.5%	3.6%	4.6%	6.3%	7.3%	6.1%	11.6%	6.8%	5.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) KPI	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Transported to ED	20	18	17	15	20	15	24	22	13	19	14	14	211
Pronounced Dead in ED	6	7	8	8	8	4	6	9	4	12	1	6	79
Ongoing Resuscitation in ED	14	11	9	7	12	11	18	13	9	7	13	8	132
Admitted to Hospital	4	6	4	3	4	5	5	6	5	4	8	4	58
Died in Hospital	1	2	0	2	2	2	1	1	2	0	3	1	17
Discharged alive	1	0	3	1	1	1	0	3	2	2	4	2	20
Discharged alive (CPC-1 or CPC-2)	0	0	2	1	1	1	0	3	2	2	4	1	17
Discharged alive (CPC-3, CPC-4 or Unk)	1	0	1	0	0	0	0	0	0	0	0	1	3
Died in Hospital after DNR	2	3	1	0	1	1	4	2	1	2	1	1	19
Discharged alive after DNR	0	1	0	0	0	1	0	0	0	0	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	1	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Discharged Alive	1	1	3	1	1	2	0	3	2	2	4	2	22
Total Discharged Alive (CPC-1 or CPC-2)	0	0	2	1	1	2	0	3	2	2	4	1	18
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	1	0	1	4							
Overall Survival Rate.	5.0%	5.6%	17.6%	6.3%	5.0%	13.3%	0.0%	13.0%	13.3%	9.1%	26.7%	14.3%	10.0%
Overall Survival Rate (CPC-1 or CPC-2).	0.0%	0.0%	11.8%	6.3%	5.0%	13.3%	0.0%	13.0%	13.3%	9.1%	26.7%	7.1%	8.1%

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Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Presumed Cardiac Etiology	20	18	17	12	17	13	23	22	14	19	15	13	203
Transported to ED	20	18	17	11	17	13	21	21	12	16	14	13	193
Pronounced Dead in ED	6	7	8	5	7	3	5	8	4	11	1	5	70
Ongoing Resuscitation in ED	14	11	9	6	10	10	16	13	8	5	13	8	123
Admitted to Hospital	4	6	4	2	3	4	4	6	5	3	8	4	53
Died in Hospital	1	2	0	1	2	1	1	1	2	0	3	1	15
Discharged alive	1	0	3	1	1	1	0	3	2	1	4	2	19
Discharged alive (CPC-1 or CPC-2)	0	0	2	1	1	1	0	3	2	1	4	1	16
Discharged alive (CPC-3, CPC-4 or Unk)	1	0	1	0	0	0	0	0	0	0	0	1	3
Died in Hospital after DNR	2	3	1	0	0	1	3	2	1	2	1	1	17
Discharged alive after DNR	0	1	0	0	0	1	0	0	0	0	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	1	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Discharged Alive	1	1	3	1	1	2	0	3	2	1	4	2	21
Total Discharged Alive (CPC-1 or CPC-2)	0	0	2	1	1	2	0	3	2	1	4	1	17
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	1	0	1	4							
Overall Survival Rate.	5.0%	5.6%	17.6%	8.3%	5.9%	15.4%	0.0%	13.6%	14.3%	5.3%	26.7%	15.4%	10.3%
Overall Survival Rate (CPC-1 or CPC-2).	0.0%	0.0%	11.8%	8.3%	5.9%	15.4%	0.0%	13.6%	14.3%	5.3%	26.7%	7.7%	8.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome) KPI	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Presumed Cardiac Etiology	20	18	17	12	17	13	23	22	14	19	15	13	203
"Shockable" Rhythm (VFib/VTach/Unk)	4	6	6	1	5	5	5	7	1	3	1	4	48
Transported to ED	4	6	6	1	5	5	5	7	1	3	1	4	48
Pronounced Dead in ED	1	1	1	1	1	0	1	3	0	1	0	1	11
Ongoing Resuscitation in ED	3	5	5	0	4	5	4	4	1	2	1	3	37
Admitted to Hospital	0	1	2	0	2	1	2	3	0	2	1	1	15
Died in Hospital	0	1	0	0	1	0	0	0	0	0	0	0	2
Discharged alive	0	0	2	0	1	1	0	3	0	1	1	1	10
Discharged alive (CPC-1 or CPC-2)	0	0	2	0	1	1	0	3	0	1	1	1	10
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0	0	0	0	0
Died in Hospital after DNR	0	0	0	0	0	0	2	0	0	1	0	0	3
Discharged alive after DNR	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Discharged Alive	0	0	2	0	1	1	0	3	0	1	1	1	10
Total Discharged Alive (CPC-1 or CPC-2)	0	0	2	0	1	1	0	3	0	1	1	1	10
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0												
Overall Survival Rate.	0.0%	0.0%	33.3%	0.0%	20.0%	20.0%	0.0%	42.9%	0.0%	33.3%	100.0%	25.0%	20.8%
Overall Survival Rate (CPC-1 or CPC-2).	0.0%	0.0%	33.3%	0.0%	20.0%	20.0%	0.0%	42.9%	0.0%	33.3%	100.0%	25.0%	20.8%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 1-A: All Cardiac Arrests (ROSC)	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Pronounced Dead Before Transport	0	0	0	1	0	2	11	3	2	4	3	2	28
Transported to ED	59	50	58	49	53	53	54	60	39	45	40	57	617
Pulseless at End of Transport	48	39	44	42	46	44	44	49	31	30	30	41	488
Pulse at End of Transport	11	11	14	7	7	9	10	11	8	15	10	16	129
Pronounced Dead in ED	1	0	2	0	0	0	0	0	1	2	0	0	6
Ongoing Resuscitation in ED	10	11	12	7	7	9	10	11	7	13	10	16	123
Admitted to Hospital	7	8	8	3	6	7	5	8	6	7	8	9	82
Died in Hospital	1	2	3	3	3	4	1	3	2	3	4	3	32
Discharged alive	2	2	3	0	3	1	1	3	3	3	3	5	29
Discharged alive (CPC-1 or CPC-2)	1	2	2	0	3	1	1	3	3	3	3	4	26
Discharged alive (CPC-3, CPC-4 or Unk)	1	0	1	0	0	0	0	0	0	0	0	1	3
Died in Hospital after DNR	4	3	2	0	0	1	3	2	0	1	1	1	18
Discharged alive after DNR	0	1	0	0	0	1	0	0	1	0	0	0	3
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	1	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	0	0	0	0	1	0	0	0	2
Total Discharged Alive	2	3	3	0	3	2	1	3	4	3	3	5	32
Total Discharged Alive (CPC-1 or CPC-2)	1	2	2	0	3	2	1	3	3	3	3	4	27
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	1	0	0	0	0	0	1	0	0	1	5
Pulse at End of Transport (Pre-Hospital ROSC rate).	18.6%	22.0%	24.1%	14.0%	13.2%	16.4%	15.4%	17.5%	19.5%	30.6%	23.3%	27.1%	20.0%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	28.6%	37.5%	37.5%	0.0%	50.0%	28.6%	20.0%	37.5%	66.7%	42.9%	37.5%	55.6%	39.0%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	14.3%	25.0%	25.0%	0.0%	50.0%	28.6%	20.0%	37.5%	50.0%	42.9%	37.5%	44.4%	32.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Pronounced Dead Before Transport	0	0	0	1	0	0	2	1	2	3	1	0	10
Transported to ED	20	18	17	15	20	15	24	22	13	19	14	14	211
Pulseless at End of Transport	15	14	10	12	18	11	19	15	11	12	6	10	153
Pulse at End of Transport	5	4	7	3	2	4	5	7	2	7	8	4	58
Pronounced Dead in ED	0	0	0	0	0	0	0	0	0	2	0	0	2
Ongoing Resuscitation in ED	5	4	7	3	2	4	5	7	2	5	8	4	56
Admitted to Hospital	4	4	4	2	2	4	3	6	2	3	6	3	43
Died in Hospital	1	1	0	2	1	2	1	1	0	0	3	1	13
Discharged alive	1	0	3	0	1	1	0	3	2	2	2	2	17
Discharged alive (CPC-1 or CPC-2)	0	0	2	0	1	1	0	3	2	2	2	1	14
Discharged alive (CPC-3, CPC-4 or Unk)	1	0	1	0	0	0	0	0	0	0	0	1	3
Died in Hospital after DNR	2	2	1	0	0	0	2	2	0	1	1	0	11
Discharged alive after DNR	0	1	0	0	0	1	0	0	0	0	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	1	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Discharged Alive	1	1	3	0	1	2	0	3	2	2	2	2	19
Total Discharged Alive (CPC-1 or CPC-2)	0	0	2	0	1	2	0	3	2	2	2	1	15
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	1	0	1	4							
Pulse at End of Transport (Pre-Hospital ROSC rate).	25.0%	22.2%	41.2%	18.8%	10.0%	26.7%	19.2%	30.4%	13.3%	31.8%	53.3%	28.6%	26.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	25.0%	25.0%	75.0%	0.0%	50.0%	50.0%	0.0%	50.0%	100.0%	66.7%	33.3%	66.7%	44.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	0.0%	0.0%	50.0%	0.0%	50.0%	50.0%	0.0%	50.0%	100.0%	66.7%	33.3%	33.3%	34.9%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Presumed Cardiac Etiology	20	18	17	12	17	13	23	22	14	19	15	13	203
Pronounced Dead Before Transport	0	0	0	1	0	0	2	1	2	3	1	0	10
Transported to ED	20	18	17	11	17	13	21	21	12	16	14	13	193
Pulseless at End of Transport	15	14	10	9	15	10	17	14	10	11	6	9	140
Pulse at End of Transport	5	4	7	2	2	3	4	7	2	5	8	4	53
Pronounced Dead in ED	0	0	0	0	0	0	0	0	0	2	0	0	2
Ongoing Resuscitation in ED	5	4	7	2	2	3	4	7	2	3	8	4	51
Admitted to Hospital	4	4	4	1	2	3	3	6	2	2	6	3	40
Died in Hospital	1	1	0	1	1	1	1	1	0	0	3	1	11
Discharged alive	1	0	3	0	1	1	0	3	2	1	2	2	16
Discharged alive (CPC-1 or CPC-2)	0	0	2	0	1	1	0	3	2	1	2	1	13
Discharged alive (CPC-3, CPC-4 or Unk)	1	0	1	0	0	0	0	0	0	0	0	1	3
Died in Hospital after DNR	2	2	1	0	0	0	2	2	0	1	1	0	11
Discharged alive after DNR	0	1	0	0	0	1	0	0	0	0	0	0	2
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	1	0	0	0	0	0	0	1
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Discharged Alive	1	1	3	0	1	2	0	3	2	1	2	2	18
Total Discharged Alive (CPC-1 or CPC-2)	0	0	2	0	1	2	0	3	2	1	2	1	14
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	1	0	1	4							
Pulse at End of Transport (Pre-Hospital ROSC rate).	25.0%	22.2%	41.2%	16.7%	11.8%	23.1%	17.4%	31.8%	14.3%	26.3%	53.3%	30.8%	26.1%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	25.0%	25.0%	75.0%	0.0%	50.0%	66.7%	0.0%	50.0%	100.0%	50.0%	33.3%	66.7%	45.0%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	0.0%	0.0%	50.0%	0.0%	50.0%	66.7%	0.0%	50.0%	100.0%	50.0%	33.3%	33.3%	35.0%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Quarter and Month - FY 2013 (10/1/2012 to 9/30/2013)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)	OCT-12	NOV-12	DEC-12	JAN-13	FEB-13	MAR-13	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	FY-13 (FINAL)
Total Cardiac Arrests	59	50	58	50	53	55	65	63	41	49	43	59	645
Witnessed Cardiac Arrests	23	24	27	26	29	26	33	36	20	25	23	25	317
NOT Witnessed by EMS	20	18	17	16	20	15	26	23	15	22	15	14	221
Presumed Cardiac Etiology	20	18	17	12	17	13	23	22	14	19	15	13	203
"Shockable" Rhythm (VFib/VTach/Unk)	4	6	6	1	5	5	5	7	1	3	1	4	48
Pronounced Dead Before Transport	0	0	0	0	0	0	0	0	0	0	0	0	0
Transported to ED	4	6	6	1	5	5	5	7	1	3	1	4	48
Pulseless at End of Transport	4	5	2	1	4	4	3	4	1	2	0	3	33
Pulse at End of Transport	0	1	4	0	1	1	2	3	0	1	1	1	15
Pronounced Dead in ED	0	0	0	0	0	0	0	0	0	0	0	0	0
Ongoing Resuscitation in ED	0	1	4	0	1	1	2	3	0	1	1	1	15
Admitted to Hospital	0	1	2	0	1	1	1	3	0	1	1	1	12
Died in Hospital	0	1	0	0	0	0	0	0	0	0	0	0	1
Discharged alive	0	0	2	0	1	1	0	3	0	1	1	1	10
Discharged alive (CPC-1 or CPC-2)	0	0	2	0	1	1	0	3	0	1	1	1	10
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0	0	0	0	0
Died in Hospital after DNR	0	0	0	0	0	0	1	0	0	0	0	0	1
Discharged alive after DNR	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-1 or CPC-2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Discharged alive after DNR (CPC-3, CPC-4 or Unk)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Discharged Alive	0	0	2	0	1	1	0	3	0	1	1	1	10
Total Discharged Alive (CPC-1 or CPC-2)	0	0	2	0	1	1	0	3	0	1	1	1	10
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0												
Pulse at End of Transport (Pre-Hospital ROSC rate).	0.0%	16.7%	66.7%	0.0%	20.0%	20.0%	40.0%	42.9%	0.0%	33.3%	100.0%	25.0%	31.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	N/A	0.0%	100.0%	N/A	100.0%	100.0%	0.0%	100.0%	N/A	100.0%	100.0%	100.0%	83.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	N/A	0.0%	100.0%	N/A	100.0%	100.0%	0.0%	100.0%	N/A	100.0%	100.0%	100.0%	83.3%