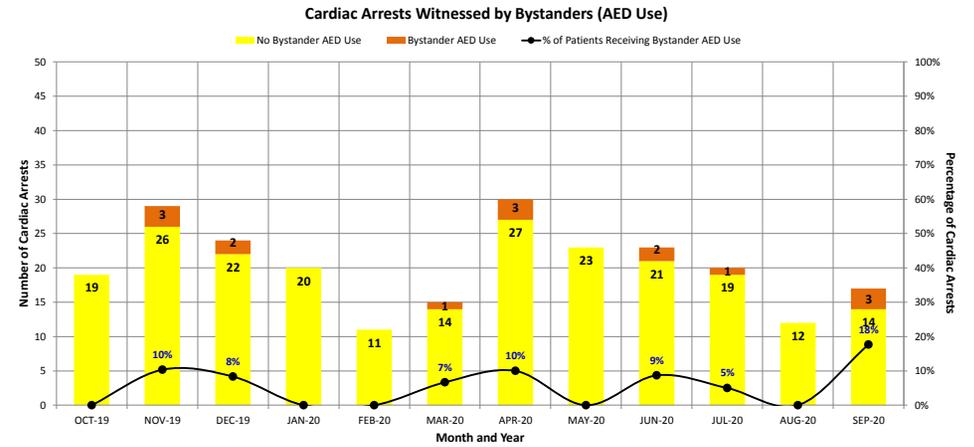
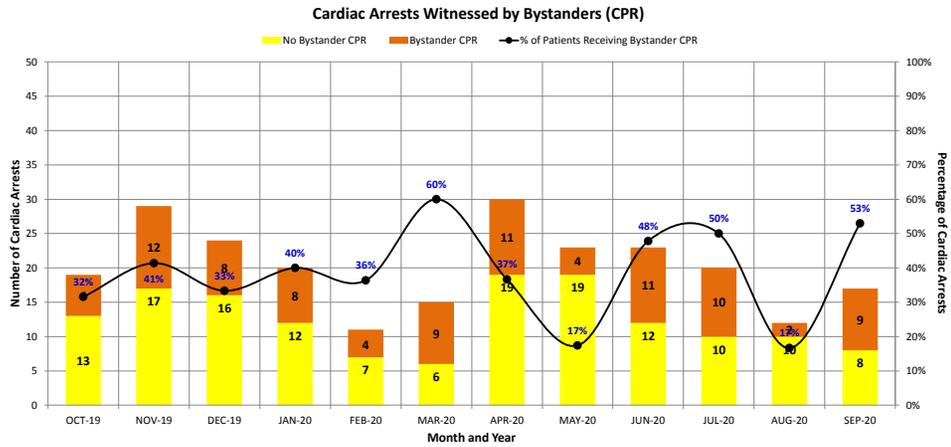
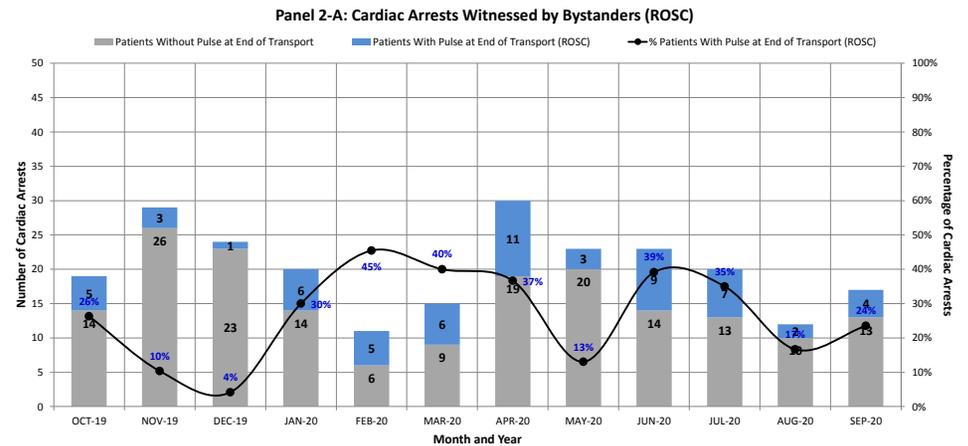
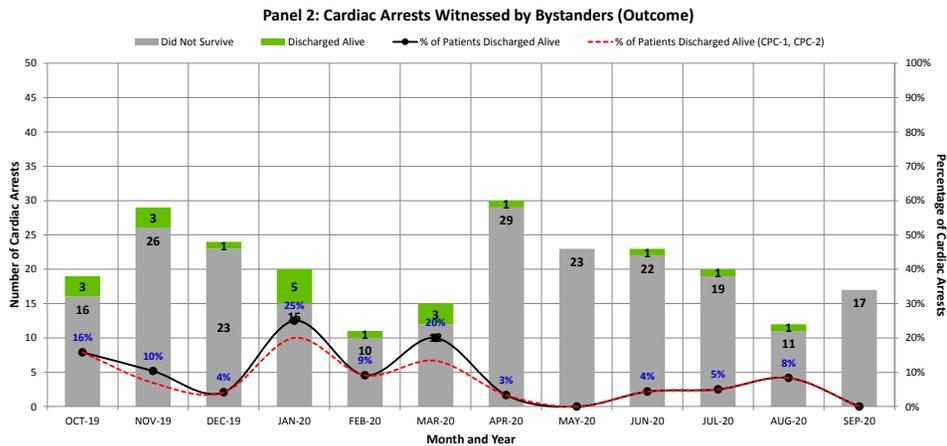
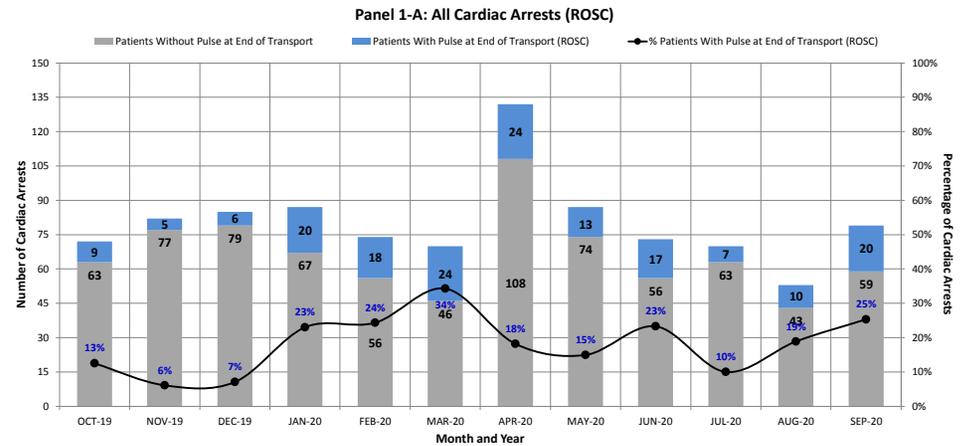
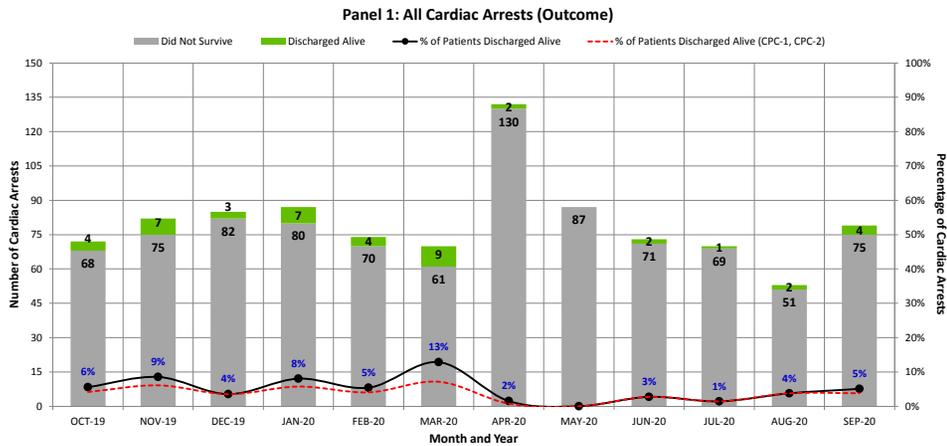


District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2020 (10/01/2019 to 09/30/2020)

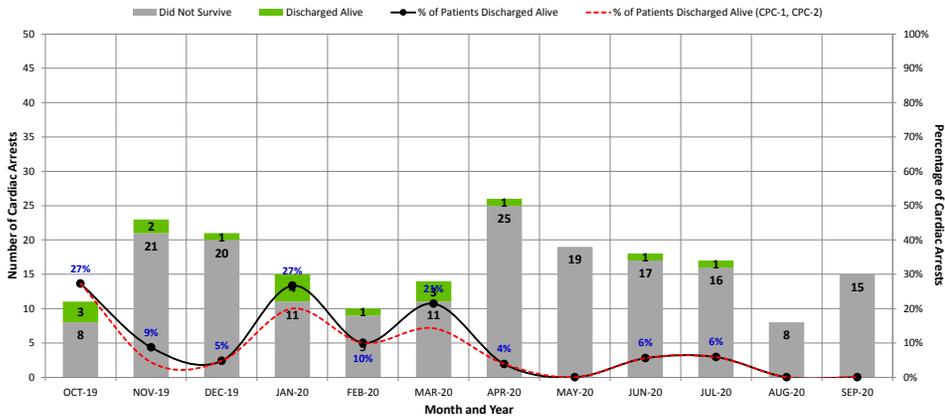


District of Columbia Fire and Emergency Medical Services Department
 Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2020 (10/01/2019 to 09/30/2020)

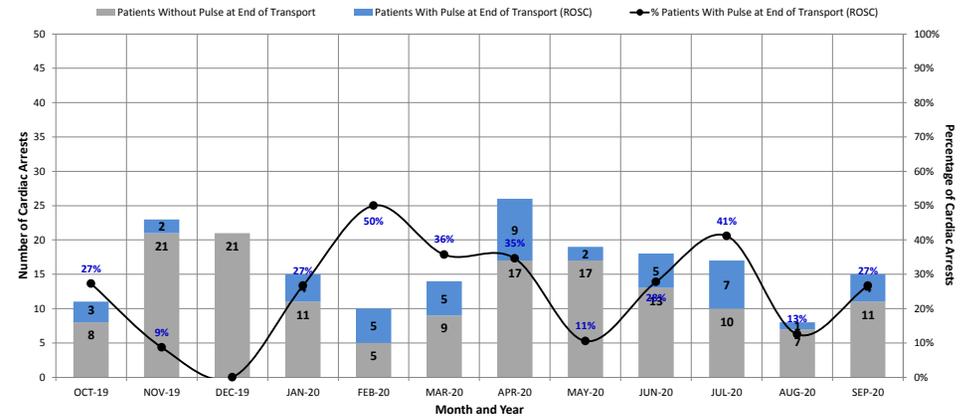


District of Columbia Fire and Emergency Medical Services Department
 Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) by Month - FY 2020 (10/01/2019 to 09/30/2020)

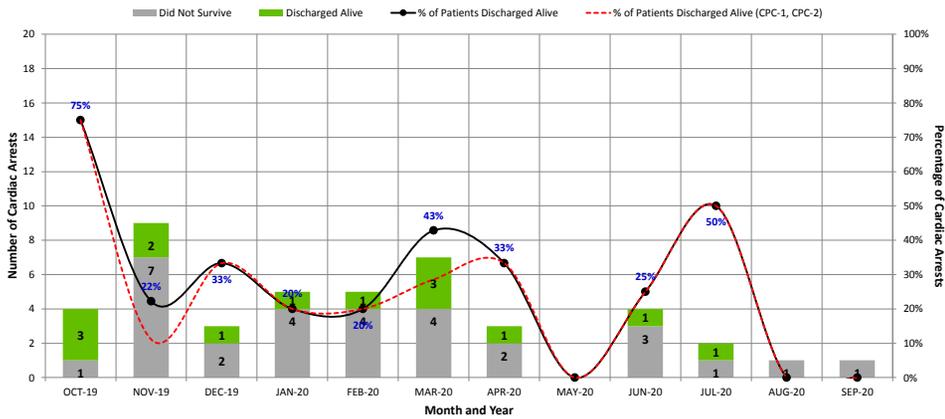
Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)



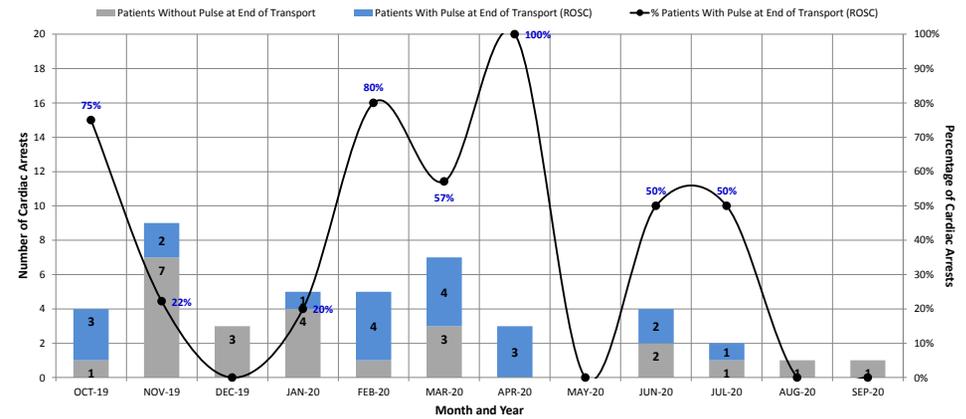
Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)



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 2020 (10/01/2019 to 09/30/2020)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Who Initiated CPR?					
Not Applicable	0	0	0	0	0
Lay Person	6	7	3	5	21
Lay Person Family Member	12	10	15	11	48
Lay Person Medical Provider	8	4	8	5	25
First Responder (non-transport provider)	21	8	10	6	45
Responding EMS Personnel	25	17	40	22	104
CPR Initiated by Bystanders	26	21	26	21	94
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	36.1%	45.7%	34.2%	42.9%	38.7%
Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
AED applied prior to EMS arrival	27	3	12	6	48
Who Applied AED?					
Lay Person	1	0	1	0	2
Lay Person Family Member	0	0	0	0	0
Lay Person Medical Provider	4	1	4	4	13
First Responder (non-transport provider)	22	2	7	2	33
Police Applied AED	9	2	4	1	16
Unknown					
AED Used by Bystanders	5	1	5	4	15
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	6.9%	2.2%	6.6%	8.2%	6.2%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 1: All Cardiac Arrests (Outcome)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Transported to ED	143	130	116	105	494
Pronounced Dead in ED	44	34	43	36	157
Ongoing Resuscitation in ED	99	96	73	69	337
Admitted to Hospital	58	60	24	38	180
Died in Hospital	42	32	13	23	110
Discharged alive	14	20	4	7	45
Discharged alive (CPC-1 or CPC-2)	11	13	3	6	33
Discharged alive (CPC-3, CPC-4 or Unk)	3	7	1	1	12
Died in Hospital after DNR	2	7	7	8	24
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	14	20	4	7	45
Total Discharged Alive (CPC-1 or CPC-2)	11	13	3	6	33
Total Discharged Alive (CPC-3, CPC-4 or Unk)	3	7	1	1	12
Overall Survival Rate.	5.9%	8.7%	1.4%	3.5%	4.7%
Overall Survival Rate (CPC-1 or CPC-2).	4.6%	5.6%	1.0%	3.0%	3.4%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Transported to ED	54	33	36	32	155
Pronounced Dead in ED	13	5	10	11	39
Ongoing Resuscitation in ED	41	28	26	21	116
Admitted to Hospital	30	17	10	13	70
Died in Hospital	21	7	5	8	41
Discharged alive	7	9	2	2	20
Discharged alive (CPC-1 or CPC-2)	6	7	2	2	17
Discharged alive (CPC-3, CPC-4 or Unk)	1	2	0	0	3
Died in Hospital after DNR	2	1	3	3	9
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	7	9	2	2	20
Total Discharged Alive (CPC-1 or CPC-2)	6	7	2	2	17
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	0	0	3
Overall Survival Rate.	9.7%	19.6%	2.6%	4.1%	8.2%
Overall Survival Rate (CPC-1 or CPC-2).	8.3%	15.2%	2.6%	4.1%	7.0%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Presumed Cardiac Etiology	55	39	63	40	197
Transported to ED	42	27	26	25	120
Pronounced Dead in ED	11	5	9	9	34
Ongoing Resuscitation in ED	31	22	17	16	86
Admitted to Hospital	23	15	7	10	55
Died in Hospital	15	6	3	6	30
Discharged alive	6	8	2	1	17
Discharged alive (CPC-1 or CPC-2)	5	6	2	1	14
Discharged alive (CPC-3, CPC-4 or Unk)	1	2	0	0	3
Died in Hospital after DNR	2	1	2	3	8
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	6	8	2	1	17
Total Discharged Alive (CPC-1 or CPC-2)	5	6	2	1	14
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	0	0	3
Overall Survival Rate.	10.9%	20.5%	3.2%	2.5%	8.6%
Overall Survival Rate (CPC-1 or CPC-2).	9.1%	15.4%	3.2%	2.5%	7.1%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome) KPI	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Presumed Cardiac Etiology	55	39	63	40	197
"Shockable" Rhythm (VFib/VTach/Unk)	16	17	7	4	44
Transported to ED	14	16	7	3	40
Pronounced Dead in ED	1	1	1	0	3
Ongoing Resuscitation in ED	13	15	6	3	37
Admitted to Hospital	11	10	4	2	27
Died in Hospital	4	4	1	1	10
Discharged alive	6	5	2	1	14
Discharged alive (CPC-1 or CPC-2)	5	4	2	1	12
Discharged alive (CPC-3, CPC-4 or Unk)	1	1	0	0	2
Died in Hospital after DNR	1	1	1	0	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	6	5	2	1	14
Total Discharged Alive (CPC-1 or CPC-2)	5	4	2	1	12
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	1	0	0	2
Overall Survival Rate.	37.5%	29.4%	28.6%	25.0%	31.8%
Overall Survival Rate (CPC-1 or CPC-2).	31.3%	23.5%	28.6%	25.0%	27.3%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 1-A: All Cardiac Arrests (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Pronounced Dead Before Transport	96	101	176	97	470
Transported to ED	143	130	116	105	494
Pulseless at End of Transport	123	68	62	68	321
Pulse at End of Transport	20	62	54	37	173
Pronounced Dead in ED	0	2	8	5	15
Ongoing Resuscitation in ED	20	60	46	32	158
Admitted to Hospital	18	49	20	23	110
Died in Hospital	12	26	11	12	61
Discharged alive	6	17	2	6	31
Discharged alive (CPC-1 or CPC-2)	6	11	2	6	25
Discharged alive (CPC-3, CPC-4 or Unk)	0	6	0	0	6
Died in Hospital after DNR	0	5	7	5	17
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	6	17	2	6	31
Total Discharged Alive (CPC-1 or CPC-2)	6	11	2	6	25
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	6	0	0	6
Pulse at End of Transport (Pre-Hospital ROSC rate).	8.4%	26.8%	18.5%	18.3%	17.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	33.3%	34.7%	10.0%	26.1%	28.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	33.3%	22.4%	10.0%	26.1%	22.7%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Pronounced Dead Before Transport	18	13	40	17	88
Transported to ED	54	33	36	32	155
Pulseless at End of Transport	45	16	13	19	93
Pulse at End of Transport	9	17	23	13	62
Pronounced Dead in ED	0	0	3	2	5
Ongoing Resuscitation in ED	9	17	20	11	57
Admitted to Hospital	9	13	9	8	39
Died in Hospital	5	6	5	4	20
Discharged alive	4	7	1	2	14
Discharged alive (CPC-1 or CPC-2)	4	6	1	2	13
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	0	1
Died in Hospital after DNR	0	0	3	2	5
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	4	7	1	2	14
Total Discharged Alive (CPC-1 or CPC-2)	4	6	1	2	13
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	12.5%	37.0%	30.3%	26.5%	25.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	44.4%	53.8%	11.1%	25.0%	35.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	44.4%	46.2%	11.1%	25.0%	33.3%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Presumed Cardiac Etiology	55	39	63	40	197
Pronounced Dead Before Transport	13	12	37	15	77
Transported to ED	42	27	26	25	120
Pulseless at End of Transport	37	13	10	13	73
Pulse at End of Transport	5	14	16	12	47
Pronounced Dead in ED	0	0	3	2	5
Ongoing Resuscitation in ED	5	14	13	10	42
Admitted to Hospital	5	11	6	7	29
Died in Hospital	2	5	3	4	14
Discharged alive	3	6	1	1	11
Discharged alive (CPC-1 or CPC-2)	3	5	1	1	10
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	0	1
Died in Hospital after DNR	0	0	2	2	4
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	3	6	1	1	11
Total Discharged Alive (CPC-1 or CPC-2)	3	5	1	1	10
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	9.1%	35.9%	25.4%	30.0%	23.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	60.0%	54.5%	16.7%	14.3%	37.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	60.0%	45.5%	16.7%	14.3%	34.5%

District of Columbia Fire and Emergency Medical Services Department

Cardiac Arrest Bystander CPR and AED Use, Outcomes and Return of Spontaneous Circulation (ROSC) - FY 2020 (10/01/2019 to 09/30/2020)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)	Q1-FY-20	Q2-FY-20	Q3-FY-20	Q4-FY-20	FY-20 (TOTAL)
Total Cardiac Arrests	239	231	292	202	964
Witnessed Cardiac Arrests	92	72	108	74	346
NOT Witnessed by EMS	72	46	76	49	243
Presumed Cardiac Etiology	55	39	63	40	197
"Shockable" Rhythm (VFib/VTach/Unk)	16	17	7	4	44
Pronounced Dead Before Transport	2	1	0	1	4
Transported to ED	14	16	7	3	40
Pulseless at End of Transport	9	7	2	2	20
Pulse at End of Transport	5	9	5	1	20
Pronounced Dead in ED	0	0	0	0	0
Ongoing Resuscitation in ED	5	9	5	1	20
Admitted to Hospital	5	7	3	1	16
Died in Hospital	2	3	1	0	6
Discharged alive	3	4	1	1	9
Discharged alive (CPC-1 or CPC-2)	3	3	1	1	8
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	0	1
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	3	4	1	1	9
Total Discharged Alive (CPC-1 or CPC-2)	3	3	1	1	8
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	31.3%	52.9%	71.4%	25.0%	45.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	60.0%	57.1%	33.3%	100.0%	56.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	60.0%	42.9%	33.3%	100.0%	50.0%

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 2020 (10/01/2019 to 09/30/2020)

Cardiac Arrests Witnessed by Bystanders (CPR) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Who Initiated CPR?													
Not Applicable	0	0	0	0	0	0	0	0	0	0	0	0	0
Lay Person	2	4	0	5	0	2	2	0	1	2	1	2	21
Lay Person Family Member	3	5	4	3	1	6	5	1	9	6	1	4	48
Lay Person Medical Provider	1	3	4	0	3	1	4	3	1	2	0	3	25
First Responder (non-transport provider)	5	9	7	5	1	2	6	4	0	0	3	3	45
Responding EMS Personnel	8	8	9	7	6	4	13	15	12	10	7	5	104
CPR Initiated by Bystanders	6	12	8	8	4	9	11	4	11	10	2	9	94
CPR Initiated by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	31.6%	41.4%	33.3%	40.0%	36.4%	60.0%	36.7%	17.4%	47.8%	50.0%	16.7%	52.9%	38.7%
Cardiac Arrests Witnessed by Bystanders (AED Use) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
AED applied prior to EMS arrival	5	14	8	2	0	1	6	3	3	2	1	3	48
Who Applied AED?													
Lay Person	0	1	0	0	0	0	0	0	1	0	0	0	2
Lay Person Family Member	0												
Lay Person Medical Provider	0	2	2	0	0	1	3	0	1	1	0	3	13
First Responder (non-transport provider)	5	11	6	2	0	0	3	3	1	1	1	0	33
Police Applied AED	2	4	3	2	0	0	3	0	1	0	1	0	16
Unknown													0
AED Used by Bystanders	0	3	2	0	0	1	3	0	2	1	0	3	15
AED Used by Bystanders, Limited to Arrest before Arrival of EMS Personnel.	0.0%	10.3%	8.3%	0.0%	0.0%	6.7%	10.0%	0.0%	8.7%	5.0%	0.0%	17.6%	6.2%

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 2020 (10/01/2019 to 09/30/2020)

Panel 1: All Cardiac Arrests (Outcome)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Transported to ED	43	48	52	50	43	37	47	32	37	31	26	48	494
Pronounced Dead in ED	18	12	14	18	8	8	16	13	14	13	9	14	157
Ongoing Resuscitation in ED	25	36	38	32	35	29	31	19	23	18	17	34	337
Admitted to Hospital	19	21	18	19	15	26	11	6	7	8	9	21	180
Died in Hospital	14	14	14	12	11	9	6	4	3	5	6	12	110
Discharged alive	4	7	3	7	4	9	2	0	2	1	2	4	45
Discharged alive (CPC-1 or CPC-2)	3	5	3	5	3	5	1	0	2	1	2	3	33
Discharged alive (CPC-3, CPC-4 or Unk)	1	2	0	2	1	4	1	0	0	0	0	1	12
Died in Hospital after DNR	1	0	1	0	0	7	3	2	2	2	1	5	24
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	4	7	3	7	4	9	2	0	2	1	2	4	45
Total Discharged Alive (CPC-1 or CPC-2)	3	5	3	5	3	5	1	0	2	1	2	3	33
Total Discharged Alive (CPC-3, CPC-4 or Unk)	1	2	0	2	1	4	1	0	0	0	0	1	12
Overall Survival Rate.	5.6%	8.5%	3.5%	8.0%	5.4%	12.9%	1.5%	0.0%	2.7%	1.4%	3.8%	5.1%	4.7%
Overall Survival Rate (CPC-1 or CPC-2).	4.2%	6.1%	3.5%	5.7%	4.1%	7.1%	0.8%	0.0%	2.7%	1.4%	3.8%	3.8%	3.4%

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 2020 (10/01/2019 to 09/30/2020)

Panel 2: Cardiac Arrests Witnessed by Bystanders (Outcome) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Transported to ED	15	22	17	14	10	9	16	7	13	14	6	12	155
Pronounced Dead in ED	4	5	4	3	2	0	4	2	4	4	2	5	39
Ongoing Resuscitation in ED	11	17	13	11	8	9	12	5	9	10	4	7	116
Admitted to Hospital	10	12	8	7	2	8	5	1	4	5	3	5	70
Died in Hospital	6	9	6	2	1	4	3	0	2	4	1	3	41
Discharged alive	3	3	1	5	1	3	1	0	1	1	1	0	20
Discharged alive (CPC-1 or CPC-2)	3	2	1	4	1	2	1	0	1	1	1	0	17
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0	0	0	0	3
Died in Hospital after DNR	1	0	1	0	0	1	1	1	1	0	1	2	9
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	3	3	1	5	1	3	1	0	1	1	1	0	20
Total Discharged Alive (CPC-1 or CPC-2)	3	2	1	4	1	2	1	0	1	1	1	0	17
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0	0	0	0	3
Overall Survival Rate.	15.8%	10.3%	4.2%	25.0%	9.1%	20.0%	3.3%	0.0%	4.3%	5.0%	8.3%	0.0%	8.2%
Overall Survival Rate (CPC-1 or CPC-2).	15.8%	6.9%	4.2%	20.0%	9.1%	13.3%	3.3%	0.0%	4.3%	5.0%	8.3%	0.0%	7.0%

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 2020 (10/01/2019 to 09/30/2020)

Panel 3: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (Outcome)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18	17	8	15	197
Transported to ED	10	18	14	10	9	8	13	4	9	12	3	10	120
Pronounced Dead in ED	3	5	3	3	2	0	4	1	4	4	1	4	34
Ongoing Resuscitation in ED	7	13	11	7	7	8	9	3	5	8	2	6	86
Admitted to Hospital	7	10	6	5	2	8	5	1	1	4	2	4	55
Died in Hospital	3	8	4	1	1	4	3	0	0	3	1	2	30
Discharged alive	3	2	1	4	1	3	1	0	1	1	0	0	17
Discharged alive (CPC-1 or CPC-2)	3	1	1	3	1	2	1	0	1	1	0	0	14
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0	0	0	0	3
Died in Hospital after DNR	1	0	1	0	0	1	1	1	0	0	1	2	8
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	3	2	1	4	1	3	1	0	1	1	0	0	17
Total Discharged Alive (CPC-1 or CPC-2)	3	1	1	3	1	2	1	0	1	1	0	0	14
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	1	0	1	0	0	0	0	0	0	3
Overall Survival Rate.	27.3%	8.7%	4.8%	26.7%	10.0%	21.4%	3.8%	0.0%	5.6%	5.9%	0.0%	0.0%	8.6%
Overall Survival Rate (CPC-1 or CPC-2).	27.3%	4.3%	4.8%	20.0%	10.0%	14.3%	3.8%	0.0%	5.6%	5.9%	0.0%	0.0%	7.1%

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 2020 (10/01/2019 to 09/30/2020)

Panel 4: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (Outcome) KPI	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18	17	8	15	197
"Shockable" Rhythm (VFib/VTach/Unk)	4	9	3	5	5	7	3	0	4	2	1	1	44
Transported to ED	4	8	2	4	5	7	3	0	4	2	0	1	40
Pronounced Dead in ED	0	1	0	1	0	0	0	0	1	0	0	0	3
Ongoing Resuscitation in ED	4	7	2	3	5	7	3	0	3	2	0	1	37
Admitted to Hospital	4	5	2	1	2	7	3	0	1	1	0	1	27
Died in Hospital	1	3	0	0	1	3	1	0	0	0	0	1	10
Discharged alive	3	2	1	1	1	3	1	0	1	1	0	0	14
Discharged alive (CPC-1 or CPC-2)	3	1	1	1	1	2	1	0	1	1	0	0	12
Discharged alive (CPC-3, CPC-4 or Unk)	0	1	0	0	0	1	0	0	0	0	0	0	2
Died in Hospital after DNR	0	0	1	0	0	1	1	0	0	0	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	3	2	1	1	1	3	1	0	1	1	0	0	14
Total Discharged Alive (CPC-1 or CPC-2)	3	1	1	1	1	2	1	0	1	1	0	0	12
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	1	0	0	0	1	0	0	0	0	0	0	2
Overall Survival Rate.	75.0%	22.2%	33.3%	20.0%	20.0%	42.9%	33.3%	N/A	25.0%	50.0%	0.0%	0.0%	31.8%
Overall Survival Rate (CPC-1 or CPC-2).	75.0%	11.1%	33.3%	20.0%	20.0%	28.6%	33.3%	N/A	25.0%	50.0%	0.0%	0.0%	27.3%

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 2020 (10/01/2019 to 09/30/2020)

Panel 1-A: All Cardiac Arrests (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Pronounced Dead Before Transport	29	34	33	37	31	33	85	55	36	39	27	31	470
Transported to ED	43	48	52	50	43	37	47	32	37	31	26	48	494
Pulseless at End of Transport	34	43	46	30	25	13	23	19	20	24	16	28	321
Pulse at End of Transport	9	5	6	20	18	24	24	13	17	7	10	20	173
Pronounced Dead in ED	0	0	0	1	0	1	3	3	2	1	2	2	15
Ongoing Resuscitation in ED	9	5	6	19	18	23	21	10	15	6	8	18	158
Admitted to Hospital	8	5	5	16	12	21	8	6	6	4	7	12	110
Died in Hospital	6	2	4	11	8	7	4	4	3	3	4	5	61
Discharged alive	2	3	1	5	4	8	1	0	1	1	2	3	31
Discharged alive (CPC-1 or CPC-2)	2	3	1	4	3	4	1	0	1	1	2	3	25
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	1	1	4	0	0	0	0	0	0	6
Died in Hospital after DNR	0	0	0	0	0	5	3	2	2	0	1	4	17
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	2	3	1	5	4	8	1	0	1	1	2	3	31
Total Discharged Alive (CPC-1 or CPC-2)	2	3	1	4	3	4	1	0	1	1	2	3	25
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	1	1	4	0	0	0	0	0	0	6
Pulse at End of Transport (Pre-Hospital ROSC rate).	12.5%	6.1%	7.1%	23.0%	24.3%	34.3%	18.2%	14.9%	23.3%	10.0%	18.9%	25.3%	17.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	25.0%	60.0%	20.0%	31.3%	33.3%	38.1%	12.5%	0.0%	16.7%	25.0%	28.6%	25.0%	28.2%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	25.0%	60.0%	20.0%	25.0%	25.0%	19.0%	12.5%	0.0%	16.7%	25.0%	28.6%	25.0%	22.7%

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 2020 (10/01/2019 to 09/30/2020)

Panel 2-A: Cardiac Arrests Witnessed by Bystanders (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Pronounced Dead Before Transport	4	7	7	6	1	6	14	16	10	6	6	5	88
Transported to ED	15	22	17	14	10	9	16	7	13	14	6	12	155
Pulseless at End of Transport	10	19	16	8	5	3	5	4	4	7	4	8	93
Pulse at End of Transport	5	3	1	6	5	6	11	3	9	7	2	4	62
Pronounced Dead in ED	0	0	0	0	0	0	1	1	1	1	0	1	5
Ongoing Resuscitation in ED	5	3	1	6	5	6	10	2	8	6	2	3	57
Admitted to Hospital	5	3	1	6	2	5	5	1	3	4	2	2	39
Died in Hospital	3	1	1	2	1	3	3	0	2	3	0	1	20
Discharged alive	2	2	0	4	1	2	1	0	0	1	1	0	14
Discharged alive (CPC-1 or CPC-2)	2	2	0	4	1	1	1	0	0	1	1	0	13
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0	0	0	0	1
Died in Hospital after DNR	0	0	0	0	0	0	1	1	1	0	1	1	5
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	2	2	0	4	1	2	1	0	0	1	1	0	14
Total Discharged Alive (CPC-1 or CPC-2)	2	2	0	4	1	1	1	0	0	1	1	0	13
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0	0	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	26.3%	10.3%	4.2%	30.0%	45.5%	40.0%	36.7%	13.0%	39.1%	35.0%	16.7%	23.5%	25.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	40.0%	66.7%	0.0%	66.7%	50.0%	40.0%	20.0%	0.0%	0.0%	25.0%	50.0%	0.0%	35.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	40.0%	66.7%	0.0%	66.7%	50.0%	20.0%	20.0%	0.0%	0.0%	25.0%	50.0%	0.0%	33.3%

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 2020 (10/01/2019 to 09/30/2020)

Panel 3-A: Cardiac Arrests (of Cardiac Etiology) Witnessed by Bystanders (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18	17	8	15	197
Pronounced Dead Before Transport	1	5	7	5	1	6	13	15	9	5	5	5	77
Transported to ED	10	18	14	10	9	8	13	4	9	12	3	10	120
Pulseless at End of Transport	7	16	14	6	4	3	4	2	4	5	2	6	73
Pulse at End of Transport	3	2	0	4	5	5	9	2	5	7	1	4	47
Pronounced Dead in ED	0	0	0	0	0	0	1	1	1	1	0	1	5
Ongoing Resuscitation in ED	3	2	0	4	5	5	8	1	4	6	1	3	42
Admitted to Hospital	3	2	0	4	2	5	5	1	0	4	1	2	29
Died in Hospital	1	1	0	1	1	3	3	0	0	3	0	1	14
Discharged alive	2	1	0	3	1	2	1	0	0	1	0	0	11
Discharged alive (CPC-1 or CPC-2)	2	1	0	3	1	1	1	0	0	1	0	0	10
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0	0	0	0	1
Died in Hospital after DNR	0	0	0	0	0	0	1	1	0	0	1	1	4
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	2	1	0	3	1	2	1	0	0	1	0	0	11
Total Discharged Alive (CPC-1 or CPC-2)	2	1	0	3	1	1	1	0	0	1	0	0	10
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0	0	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	27.3%	8.7%	0.0%	26.7%	50.0%	35.7%	34.6%	10.5%	27.8%	41.2%	12.5%	26.7%	23.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	66.7%	50.0%	N/A	75.0%	50.0%	40.0%	20.0%	0.0%	N/A	25.0%	0.0%	0.0%	37.9%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	66.7%	50.0%	N/A	75.0%	50.0%	20.0%	20.0%	0.0%	N/A	25.0%	0.0%	0.0%	34.5%

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 2020 (10/01/2019 to 09/30/2020)

Panel 4-A: Cardiac Arrests (Cardiac Etiology/"Shockable" Rhythm) Witnessed by Bystanders (ROSC)	OCT-19	NOV-19	DEC-19	JAN-20	FEB-20	MAR-20	APR-20	MAY-20	JUN-20	JUL-20	AUG-20	SEP-20	FY-20 (FINAL)
Total Cardiac Arrests	72	82	85	87	74	70	132	87	73	70	53	79	964
Witnessed Cardiac Arrests	26	36	30	29	20	23	44	32	32	27	18	29	346
NOT Witnessed by EMS	19	29	24	20	11	15	30	23	23	20	12	17	243
Presumed Cardiac Etiology	11	23	21	15	10	14	26	19	18	17	8	15	197
"Shockable" Rhythm (VFib/VTach/Unk)	4	9	3	5	5	7	3	0	4	2	1	1	44
Pronounced Dead Before Transport	0	1	1	1	0	0	0	0	0	0	1	0	4
Transported to ED	4	8	2	4	5	7	3	0	4	2	0	1	40
Pulseless at End of Transport	1	6	2	3	1	3	0	0	2	1	0	1	20
Pulse at End of Transport	3	2	0	1	4	4	3	0	2	1	0	0	20
Pronounced Dead in ED	0	0	0	0	0	0	0	0	0	0	0	0	0
Ongoing Resuscitation in ED	3	2	0	1	4	4	3	0	2	1	0	0	20
Admitted to Hospital	3	2	0	1	2	4	3	0	0	1	0	0	16
Died in Hospital	1	1	0	0	1	2	1	0	0	0	0	0	6
Discharged alive	2	1	0	1	1	2	1	0	0	1	0	0	9
Discharged alive (CPC-1 or CPC-2)	2	1	0	1	1	1	1	0	0	1	0	0	8
Discharged alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0	0	0	0	1
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	2	1	0	1	1	2	1	0	0	1	0	0	9
Total Discharged Alive (CPC-1 or CPC-2)	2	1	0	1	1	1	1	0	0	1	0	0	8
Total Discharged Alive (CPC-3, CPC-4 or Unk)	0	0	0	0	0	1	0	0	0	0	0	0	1
Pulse at End of Transport (Pre-Hospital ROSC rate).	75.0%	22.2%	0.0%	20.0%	80.0%	57.1%	100.0%	N/A	50.0%	50.0%	0.0%	0.0%	45.5%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital.	66.7%	50.0%	N/A	100.0%	50.0%	50.0%	33.3%	N/A	N/A	100.0%	N/A	N/A	56.3%
Survival Rate of EMS Patients with Pulse at End of Transport Admitted to Hospital (CPC-1 or CPC-2).	66.7%	50.0%	N/A	100.0%	50.0%	25.0%	33.3%	N/A	N/A	100.0%	N/A	N/A	50.0%