

## Cardiac Arrest – Survival Rate Report

Region:BC

December 14, 2021 11:41 PM

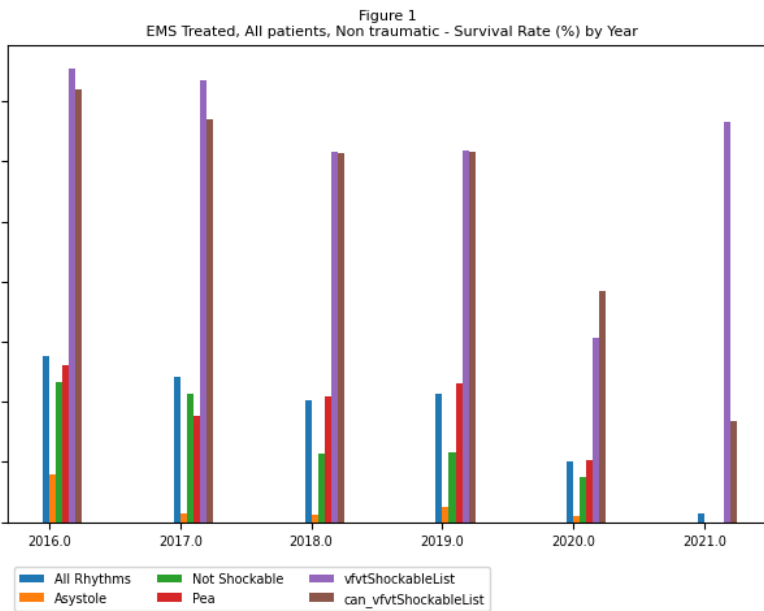


Table 1 - EMS Treated, All patients, Non traumatic

Episode Year	Rhythm	Survival Rate( % 95 % CI	Alive #	Treated #
2016	All rhythms	13.79	231	1675
2017	All rhythms	12.07	277	2295
2018	All rhythms	10.12	250	2470
2019	All rhythms	10.63	364	3424
2020	All rhythms	5.07	198	3909
2021	All rhythms	0.66	4	607
2016	Asystole	3.98	32	804
2017	Asystole	0.75	7	930
2018	Asystole	0.58	5	858
2019	Asystole	1.29	12	932
2020	Asystole	0.47	5	1075
2021	Asystole	0	0	1
2016	Not shockable	11.68	25	214
2017	Not shockable	10.64	48	451
2018	Not shockable	5.68	41	722
2019	Not shockable	5.8	75	1292
2020	Not shockable	3.72	54	1450
2021	Not shockable	0	0	17
2016	PEA	13.01	38	292
2017	PEA	8.78	36	410
2018	PEA	10.43	39	374
2019	PEA	11.52	50	434
2020	PEA	5.1	21	412
2021	PEA	0	0	0
2016	VF/VT/Shockable	37.78	119	315
2017	VF/VT/Shockable	36.78	160	435
2018	VF/VT/Shockable	30.8	138	448
2019	VF/VT/Shockable	30.96	191	617
2020	VF/VT/Shockable	15.35	95	619
2021	VF/VT/Shockable	33.33	1	3
2016	Canadian VF/VT/	36.04	240	240
2017	Canadian VF/VT/	33.48	226	226
2018	Canadian VF/VT/	30.7	307	307
2019	Canadian VF/VT/	30.8	348	348
2020	Canadian VF/VT/	19.27	227	227
2021	Canadian VF/VT/	8.45	6	6

Figure 2 EMS Treated, Adult, No Obvious Cause, and Bystander Witnessed Survival Rate (%) by Year

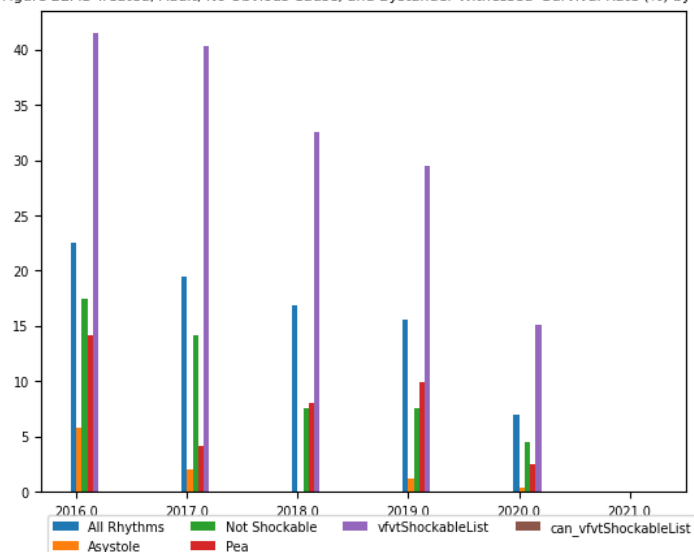


Table 2 - EMS Treated, Adult, No Obvious Cause, and Bystander Witnessed

Episode Year Rhythm	Survival Rate( % 95 % CI	Alive #	Treated #
2016 All rhythms	22.55	136	603
2017 All rhythms	19.46	158	812
2018 All rhythms	16.88	134	794
2019 All rhythms	15.64	178	1138
2020 All rhythms	6.97	83	1191
2021 All rhythms	0	0	4
2016 Asystole	5.85	11	188
2017 Asystole	2.05	4	195
2018 Asystole	0	0	145
2019 Asystole	1.17	2	171
2020 Asystole	0.43	1	230
2021 Asystole	0	0	0
2016 Not shockable	17.46	11	63
2017 Not shockable	14.18	20	141
2018 Not shockable	7.54	15	199
2019 Not shockable	7.61	28	368
2020 Not shockable	4.58	18	393
2021 Not shockable	0	0	4
2016 PEA	14.17	18	127
2017 PEA	4.14	7	169
2018 PEA	8.05	12	149
2019 PEA	9.88	16	162
2020 PEA	2.58	4	155
2021 PEA	0	0	0
2016 VF/VT/Shockable	41.43	87	210
2017 VF/VT/Shockable	40.29	112	278
2018 VF/VT/Shockable	32.48	89	274
2019 VF/VT/Shockable	29.5	118	400
2020 VF/VT/Shockable	15.08	57	378
2021 VF/VT/Shockable	0	0	0
2016 Canadian VF/VT/	0	0	0
2017 Canadian VF/VT/	0	0	0
2018 Canadian VF/VT/	0	0	0
2019 Canadian VF/VT/	0	0	0
2020 Canadian VF/VT/	0	0	0
2021 Canadian VF/VT/	0	0	0

Figure 3 EMS Treated, Adult, No Obvious Cause, and EMS Witnessed Survival Rate (%) by Year All rhythms

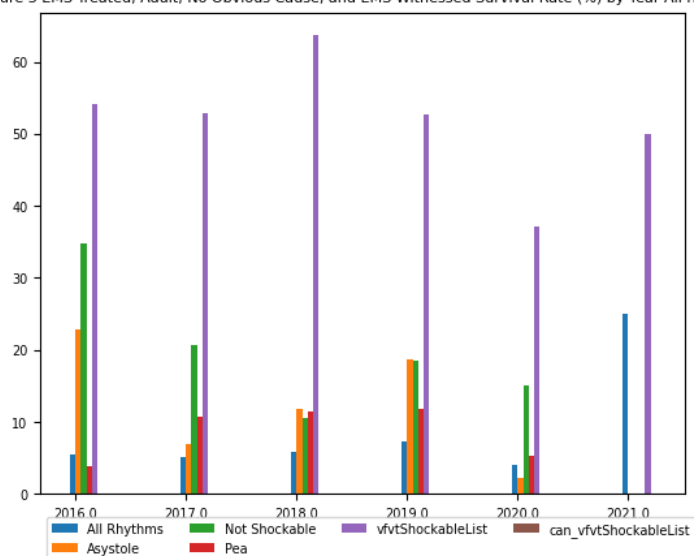
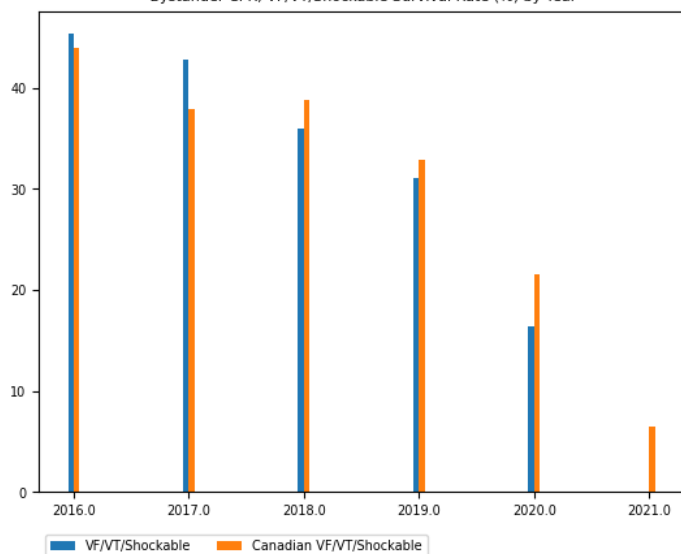


Table 3 - EMS Treated, Adult, No Obvious Cause, and EMS Witnessed

Episode Year Rhythm	Survival Rate( %' 95 % CI	Alive #	Treated #
2016 All rhythms	5.47	33	603
2017 All rhythms	5.17	42	812
2018 All rhythms	5.92	47	794
2019 All rhythms	7.38	84	1138
2020 All rhythms	4.03	48	1191
2021 All rhythms	25	1	4
2016 Asystole	22.86	8	35
2017 Asystole	6.9	2	29
2018 Asystole	11.76	4	34
2019 Asystole	18.75	6	32
2020 Asystole	2.27	1	44
2021 Asystole	0	0	0
2016 Not shockable	34.78	8	23
2017 Not shockable	20.69	6	29
2018 Not shockable	10.53	4	38
2019 Not shockable	18.6	16	86
2020 Not shockable	15	12	80
2021 Not shockable	0	0	3
2016 PEA	3.85	2	52
2017 PEA	10.77	7	65
2018 PEA	11.43	8	70
2019 PEA	11.86	14	118
2020 PEA	5.32	5	94
2021 PEA	0	0	0
2016 VF/VT/Shockable	54.17	13	24
2017 VF/VT/Shockable	52.94	27	51
2018 VF/VT/Shockable	63.64	28	44
2019 VF/VT/Shockable	52.7	39	74
2020 VF/VT/Shockable	37.14	26	70
2021 VF/VT/Shockable	50	1	2
2016 Canadian VF/VT/.	0	0	0
2017 Canadian VF/VT/.	0	0	0
2018 Canadian VF/VT/.	0	0	0
2019 Canadian VF/VT/.	0	0	0
2020 Canadian VF/VT/.	0	0	0
2021 Canadian VF/VT/.	0	0	0

Figure 4 EMS Treated, Adult, No Obvious Cause, Bystander Witnessed, Bystander CPR, VF/VT/Shockable Survival Rate (%) by Year



Episode Year Rhythm Survival Rate( % 95 % CI Alive # Treated #  
 2021 Canadian VF/VT/ 6.45 2 2

Figure 5 EMS treated, all patients, non-traumatic Received Bystander CPR (%) by Year

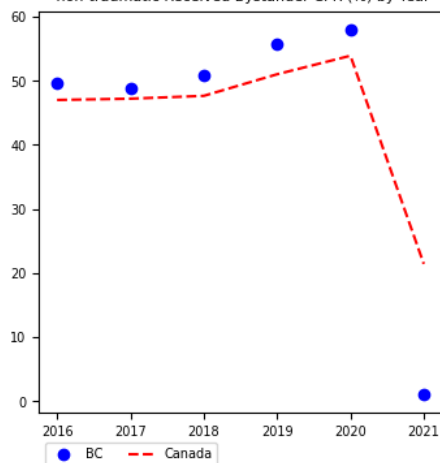


Figure 6 EMS treated, all patients, non-traumatic Survival Rate (%) by Year

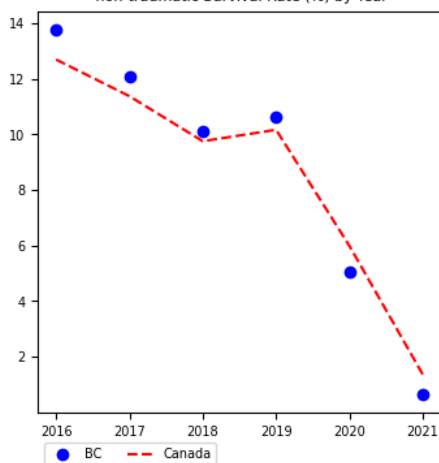


Figure 7 - EMS treated, all patients, nontraumatic VF/VT as First Rhythm (%) byYear

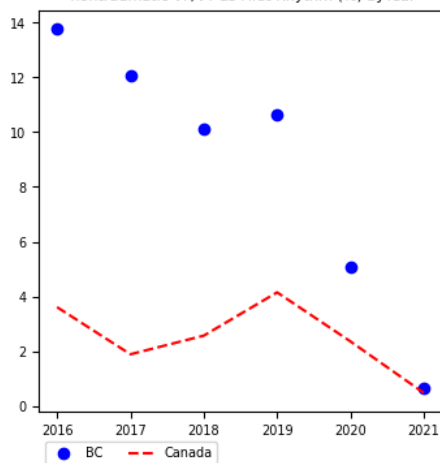


Figure 8 - EMS treated, all patients, non-traumatic Average Response time (minutes) from Call Received to 1st Arrival on Scene by Year

