

# 2023 EMS AGGREGATE DATA



James Magnuson

SOUTH PLACER FIRE DISTRICT 6900 Eureka Road, Granite Bay

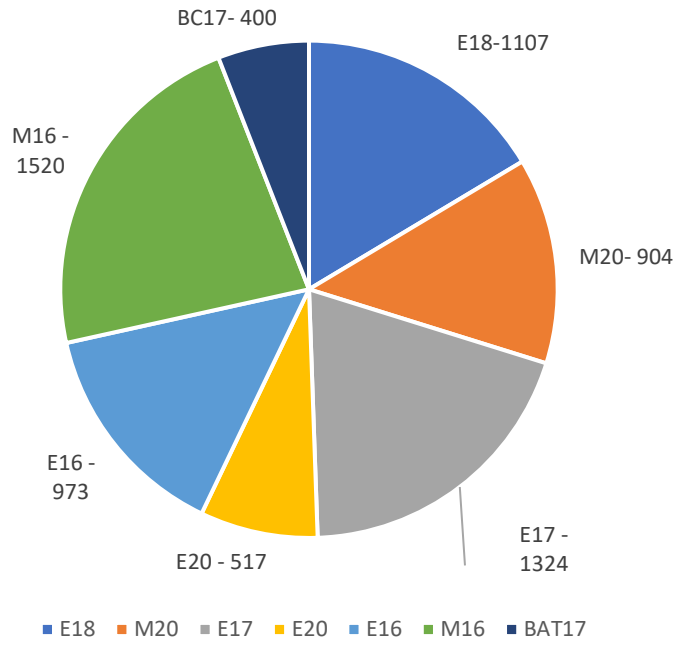
Welcome to the 2023 Emergency Medical Services (EMS) Aggregate Data report. This is the first of what will become an annual report on the South Placer Fire District's EMS delivery. The report includes charts, maps, graphs, and tables that reveal the district's EMS delivery story for 2023. We hope you find this information useful and look forward to using the data to improve our service delivery in the coming years.

James Magnuson

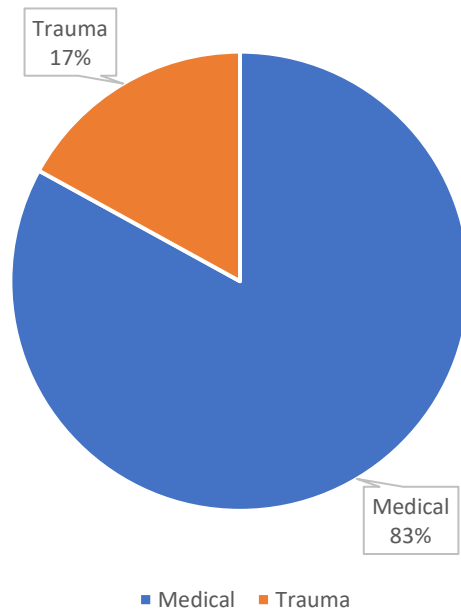
Division Chief EMS/Safety

\*Total EMS Runs= 2827

2023 EMS Run Total by Unit

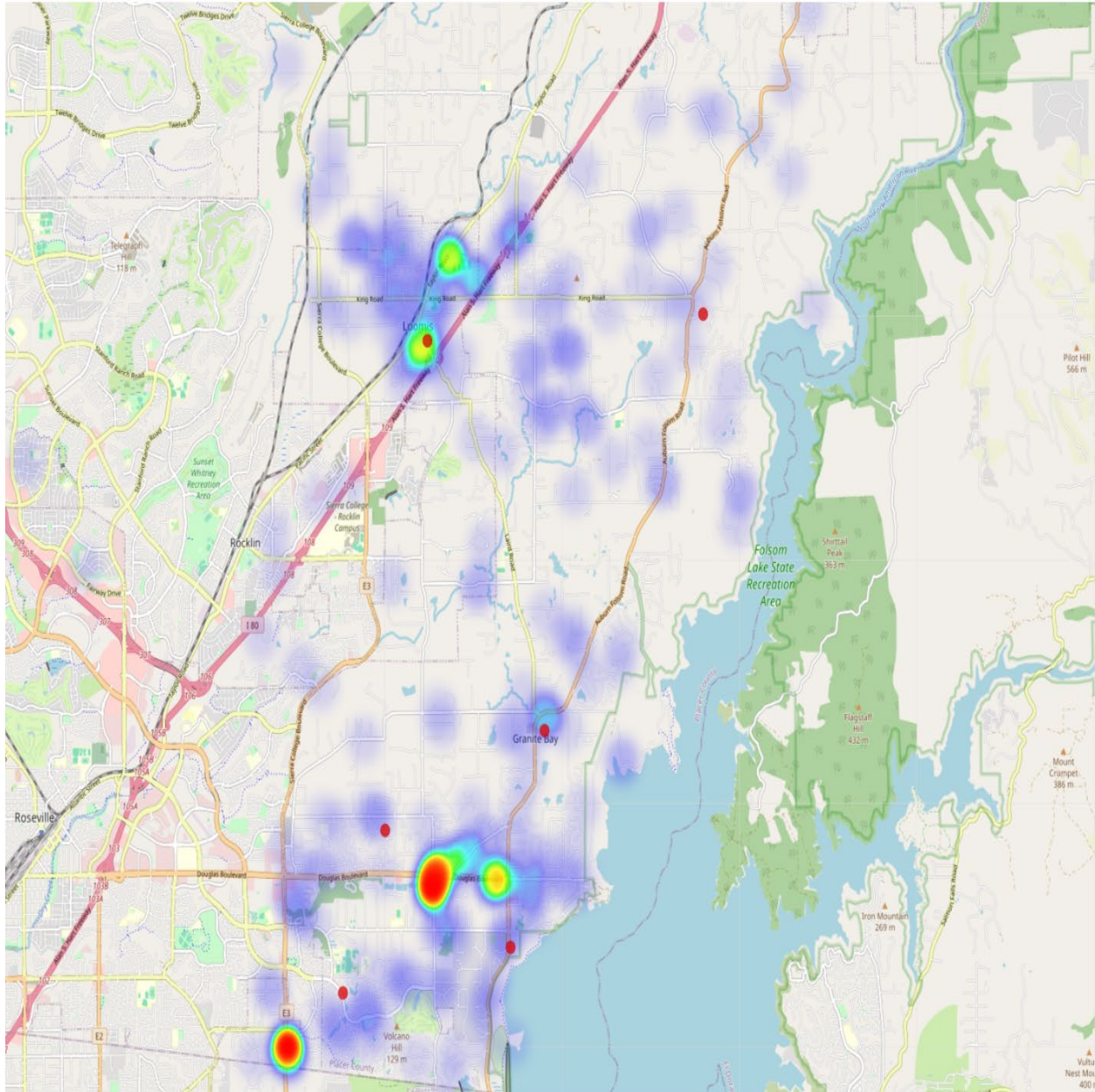


911 Patient Type



\*Total EMS Runs= 2827

# 2023 EMS Call Heat Map

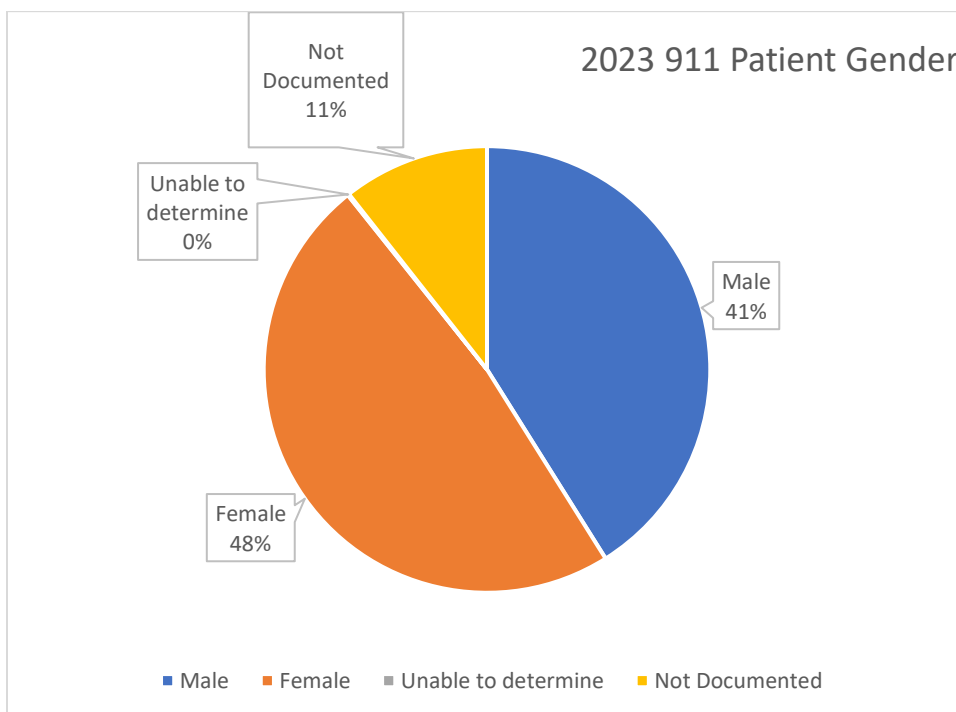
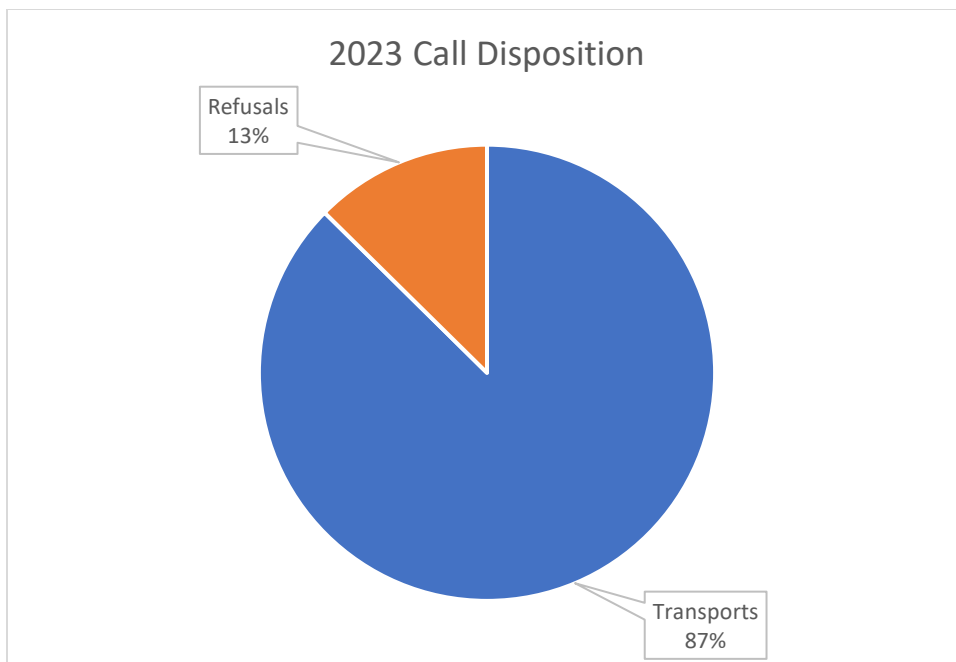


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## South Placer Fire District - Response Compliance - 2023

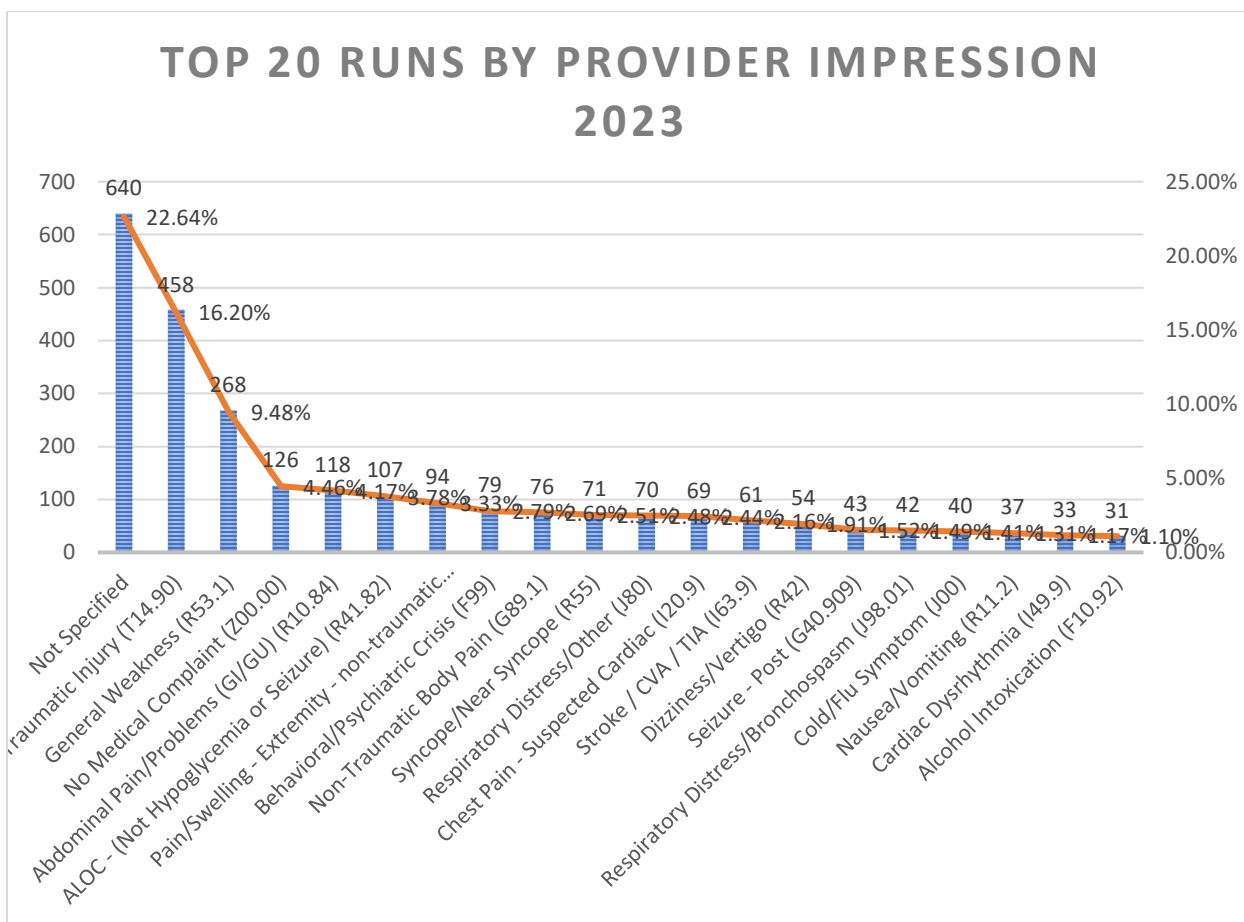
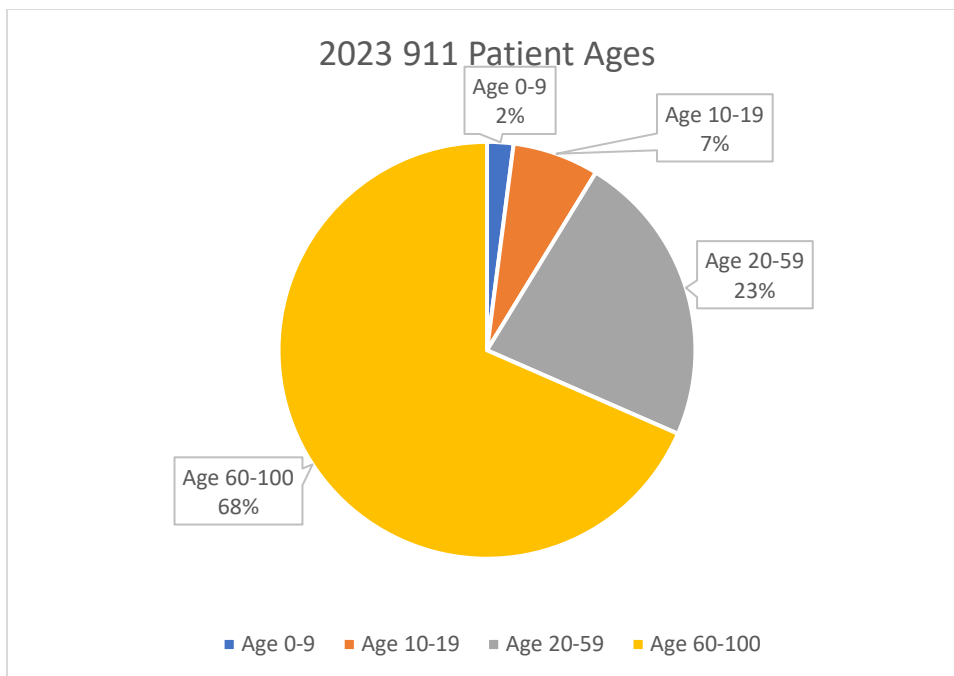
Month	Total # of Responses	Total # Late (Over 10 Min.)	On Time %	Average Response Time	SPFPD Auto/Mutual Aid to AMR /Folsom Lake	Average Response Time	AMR Mutual Aid to South Placer	Average Response Time	Total Calls (excludes MA from AMR)
23-Jan	151	5	97%	0:06:43	83	0:06:10	6	0:07:31	234
23-Feb	103	2	98%	0:07:07	67	0:05:39	1	0:06:39	170
23-Mar	128	5	96%	0:07:20	86	0:05:59	5	0:08:59	214
23-Apr	125	3	98%	0:06:41	82	0:06:05	1	0:07:04	207
23-May	156	7	96%	0:06:58	77	0:06:23	3	0:06:39	233
23-Jun	138	3	98%	0:06:54	72	0:06:36	9	0:10:42	210
23-Jul	173	10	94%	0:06:53	82	0:07:34	7	0:10:29	255
23-Aug	138	3	98%	0:06:23	87	0:07:04	5	0:12:36	225
23-Sep	130	4	97%	0:06:44	68	0:06:17	3	0:08:46	198
23-Oct	136	6	96%	0:06:54	71	0:06:15	5	0:08:24	207
23-Nov	128	1	99%	0:06:22	78	0:05:45	4	0:09:35	206
23-Dec	144	8	94%	0:07:14	75	0:07:30	0	NA	219
<b>Totals:</b>	<b>1650</b>	<b>57</b>	<b>97%</b>	<b>0:06:51</b>	<b>928</b>	<b>0:06:26</b>	<b>49</b>	<b>0:08:51</b>	<b>2578</b>

\*Total EMS Runs= 2827

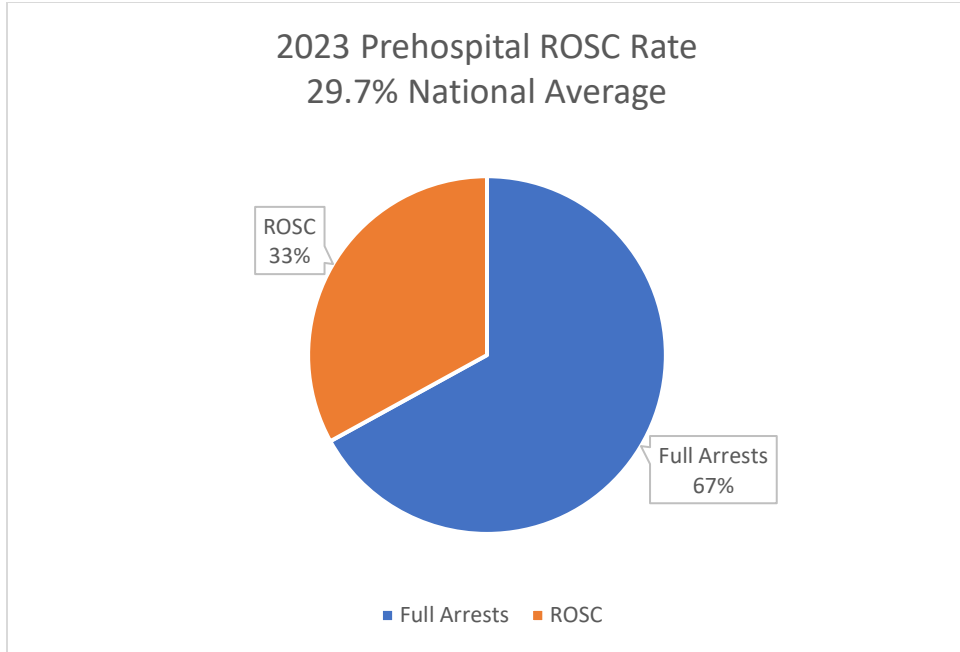


N=2827

\*Total EMS Runs= 2827



\*Total EMS Runs= 2827



\*16 attempts

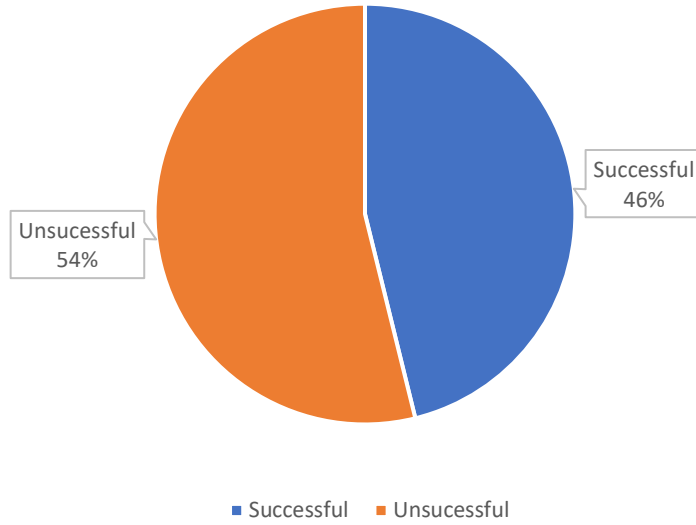
### South Placer Ambulance Patient Off Time (APOT) Averages 2023

0 to <30 minutes	85.05%
30 to <60	9.64%
60 to <90	3.44%
90 to <120	0.69%
120 to <150	0.43%
150 to <180	0.09%
180 to <210	0.09%
210 to <240	0.09%
>240	0.48%

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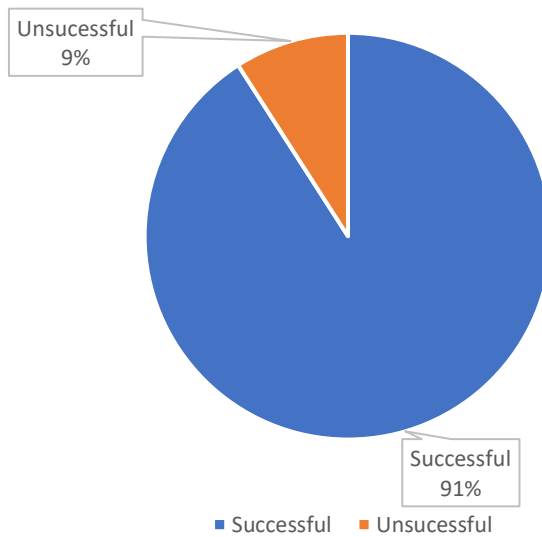


### Orotracheal Intubation Success Rate S-SV Average 58%



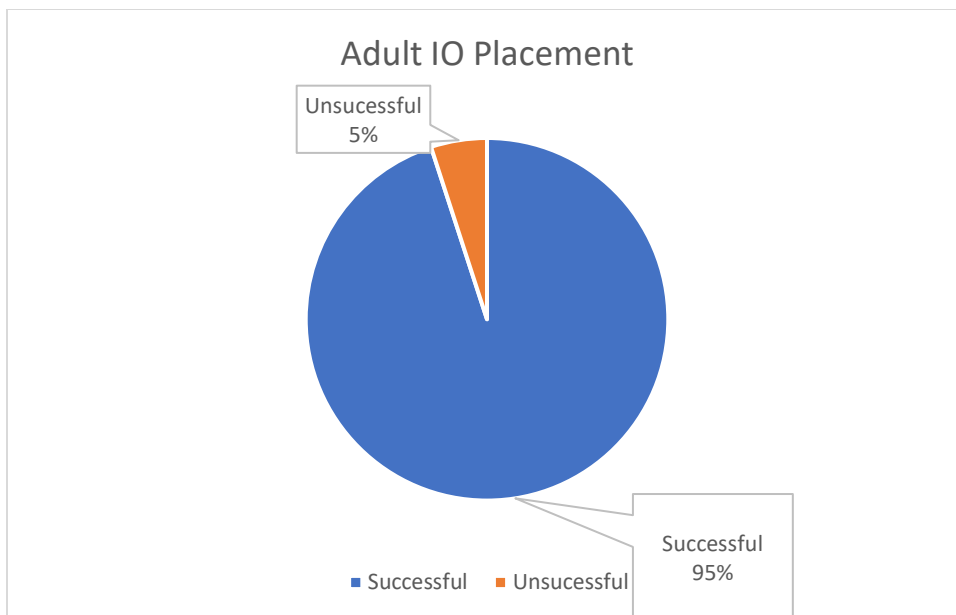
\*13 attempts

### Supraglottic Airway Success Rate S-SV Average 94%

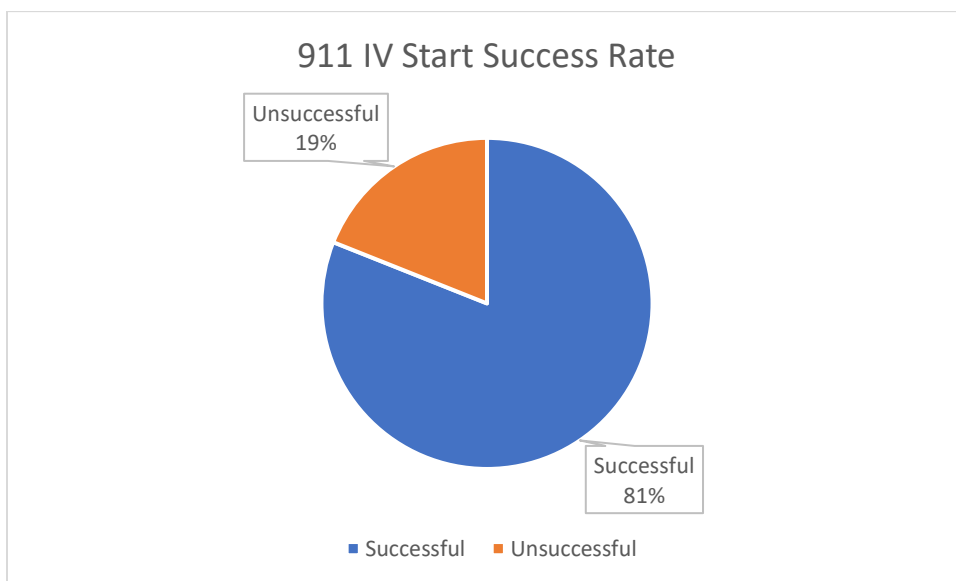


\*11 attempts

\*Total EMS Runs= 2827



\*19 attempts

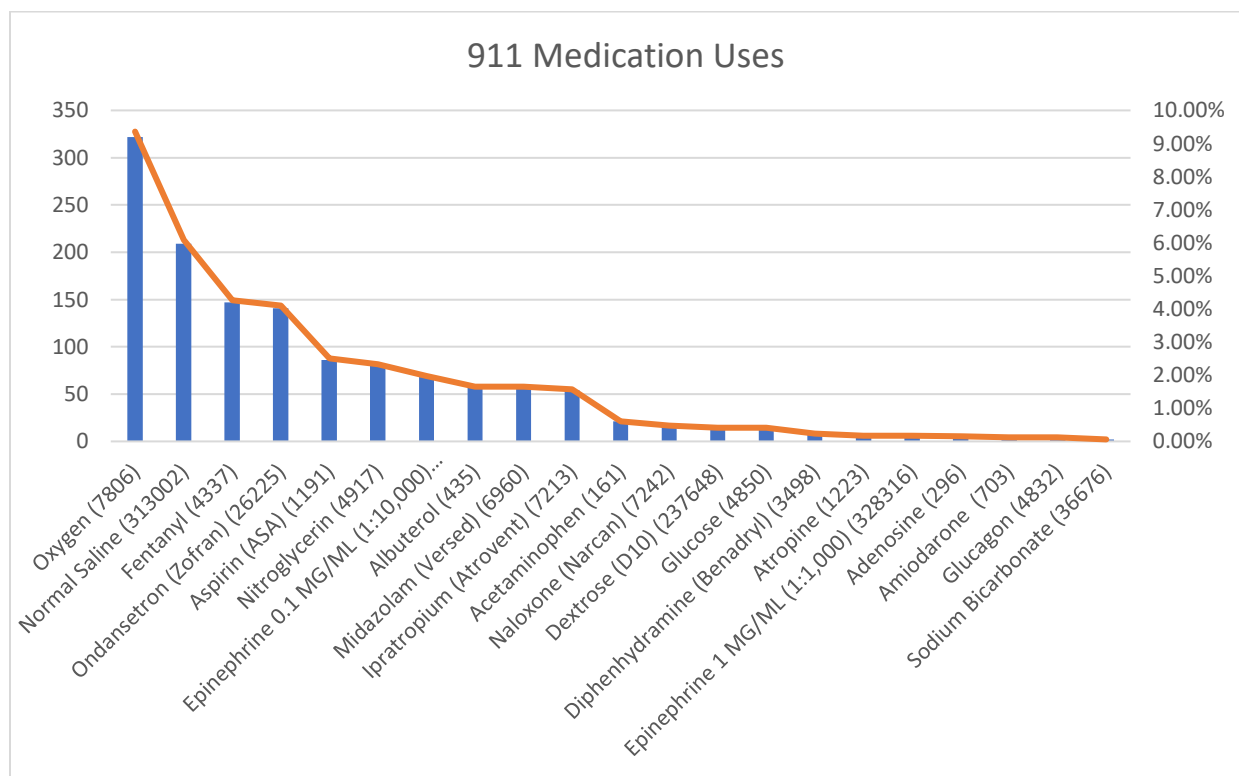


\*870 attempts

\*Total EMS Runs= 2827

2023 EMS AGGREGATE DATA

Use of LUCAS Device	21 Deployments- Compression Fraction Ratio 93% Total Compressions: 35633 Average Pause: 18.5 seconds	Goal: Maintain greater than 90% CF Pauses <10 seconds
Use of Electrical Interventions	Synch Cardioversion- 6 Defibrillation- 6 Trans Cutaneous Pacing- 2	
Narcotic Administration	Fentanyl-147 Doses (6150 mcg Administered 1850mcg Wasted) Versed- 57 Doses (129mg Administered 111mg Wasted)	



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## Continuous Quality Improvement (CQI) Activity 2023

2930 PCR's written (100% review)  
1099 were flagged for CQI review  
The group reviewed 857 reports  
408 were refusal calls  
242 reports were flagged but didn't need a review (false positive)  
15 reports resulted in education to our membership

## Training Activity 2023

296.5 Average EMS Training Hours Completed by SPFD Employees  
1374.25 Total EMS Training Hours delivered.

## EMS Training Topics 2023

Narcotics Tracking Module	Paramedic Electrical Therapy
SSV- Infrequently Used Paramedic Skills	Trauma and Bleeding Control
Advanced Airway with Dr. Royer	EMS Billing
EMT Annual Skills	SAM Pelvic Sling Inservice
High-Performance CPR	Pneumothorax
Obstetric Emergencies	Needle Cric
IV Tylenol Inservice	EMT Epi-Pen
IO and IV Catheterization	EMT Narcan
CPR with LP15 as the AED	Hypoxia

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