



S-SV EMS AGENCY

Serving Butte, Colusa, Glenn, Nevada, Placer, Shasta,
Siskiyou, Sutter, Tehama, & Yuba Counties



2021 EMS System Data Report (Updated Through December 31st, 2021)





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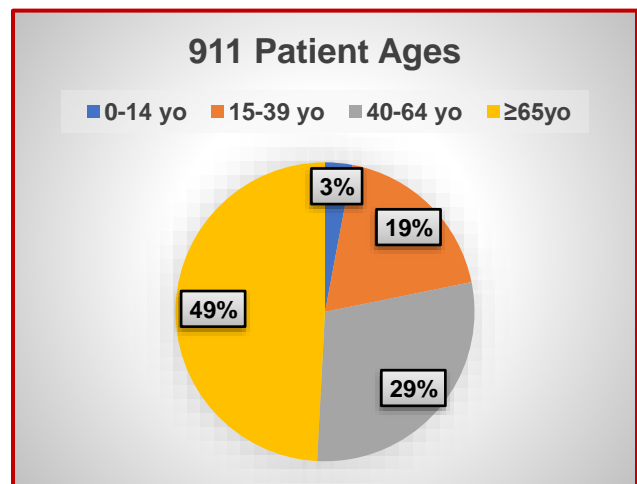
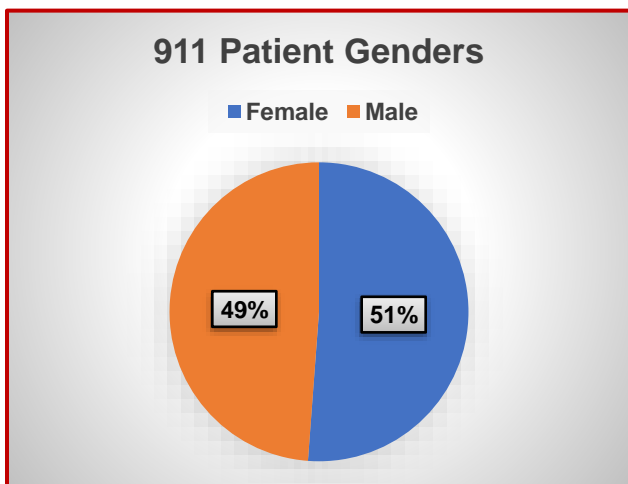
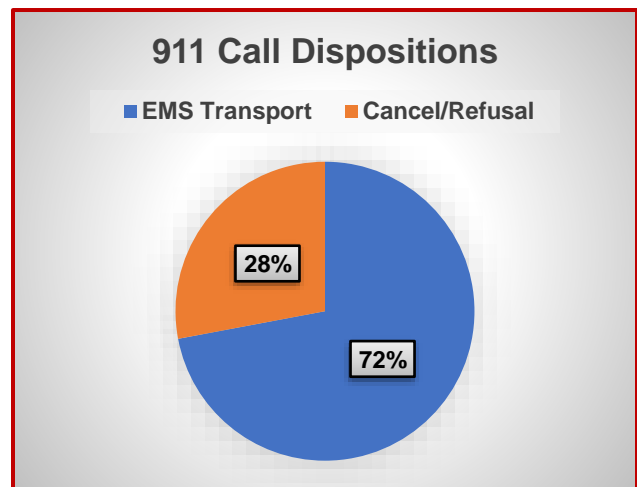
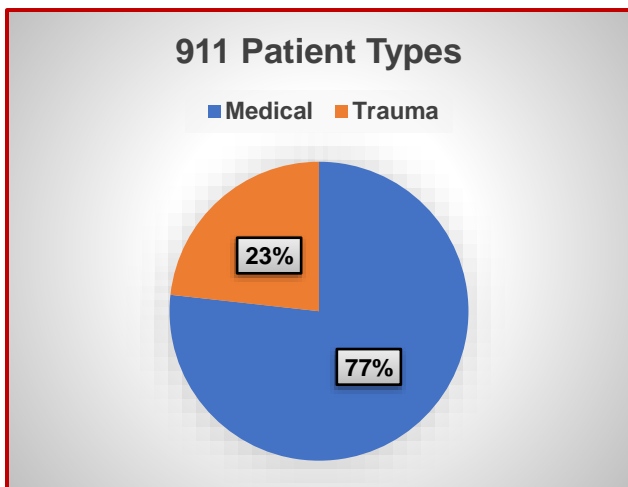
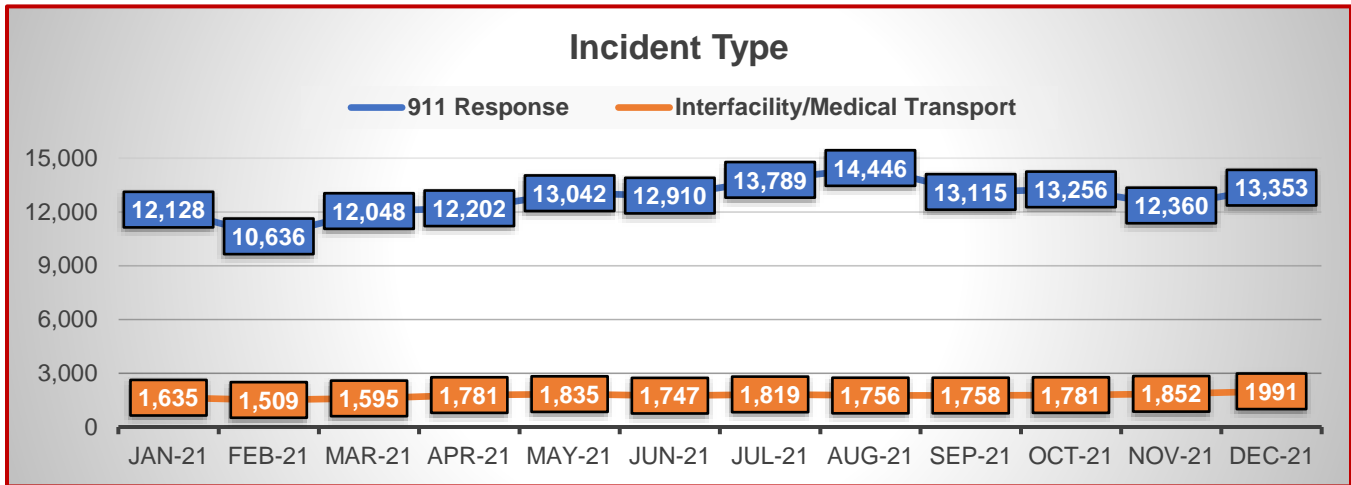


S-SV EMS Agency 2021 Regional EMS System Data Report

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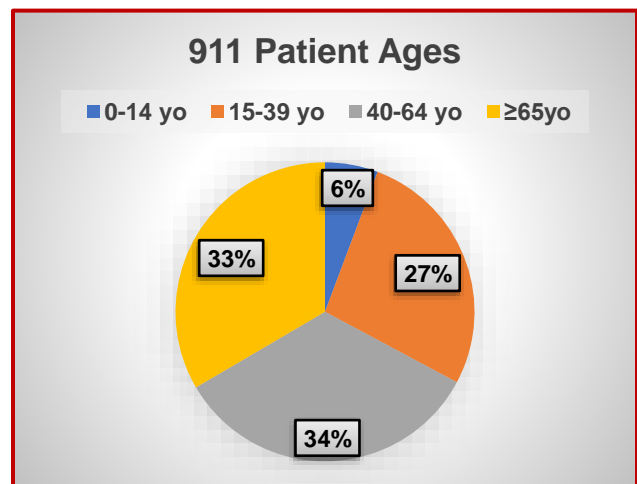
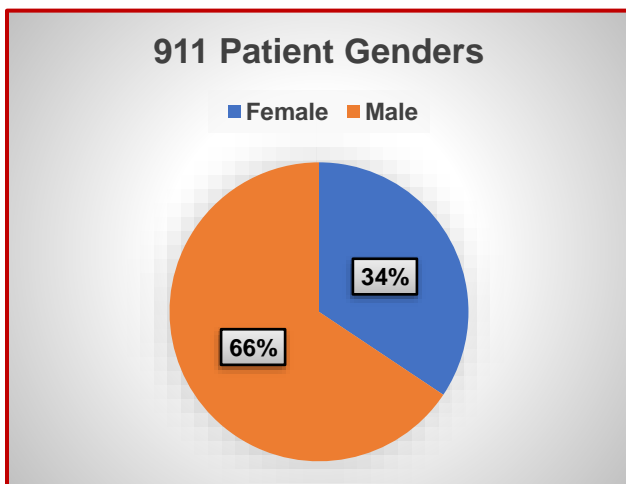
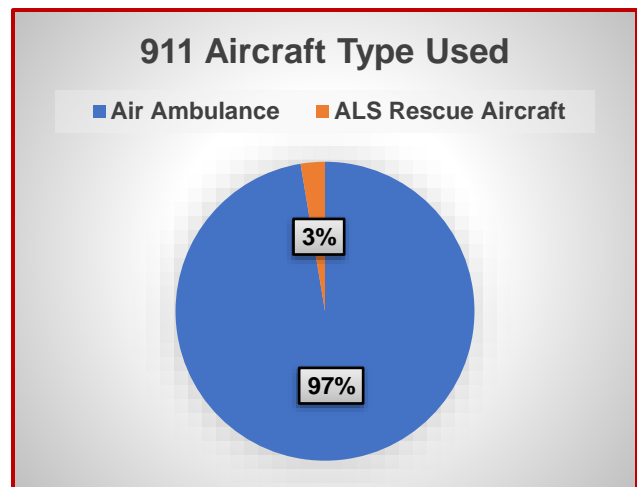
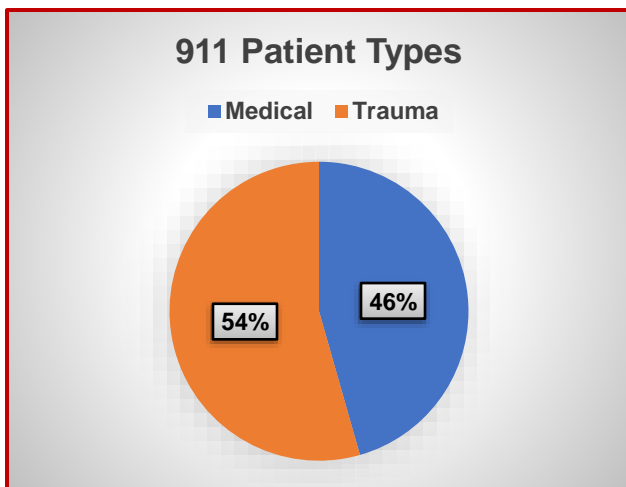
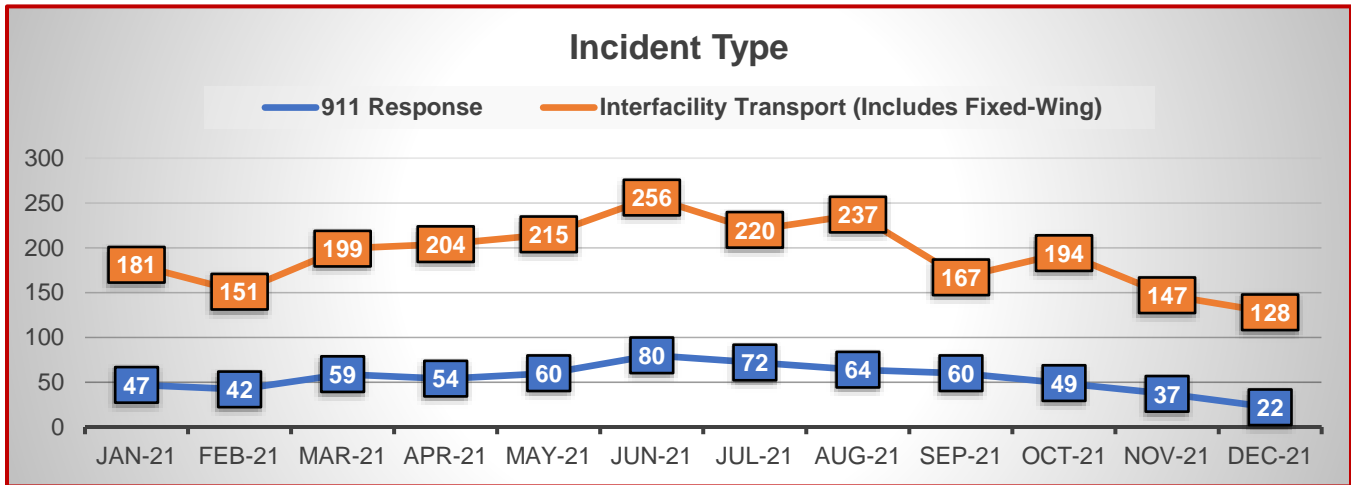


Ground EMS Incident System Data



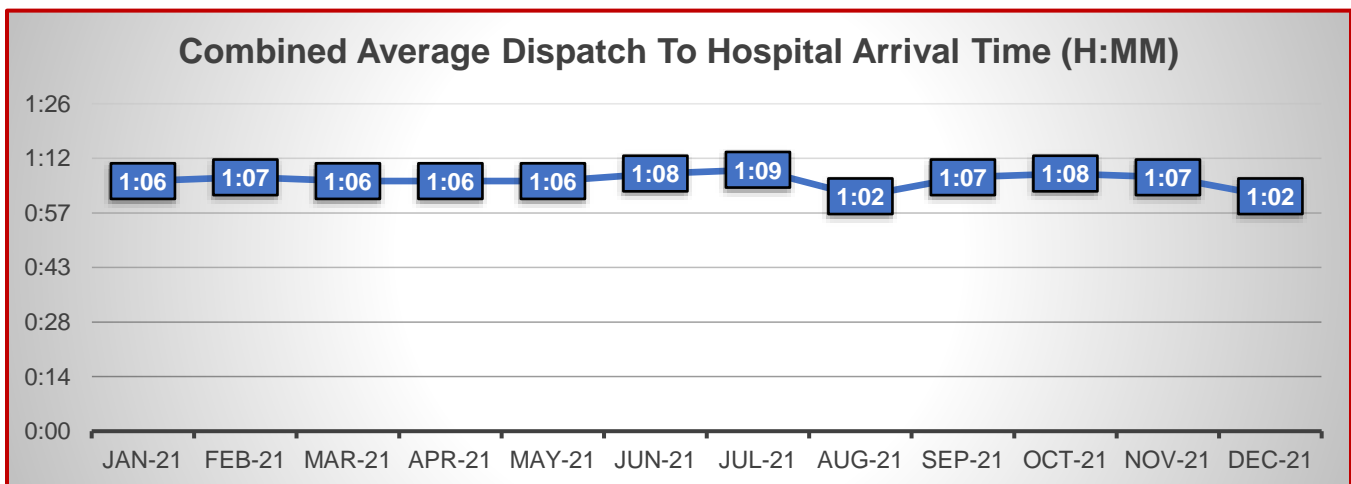
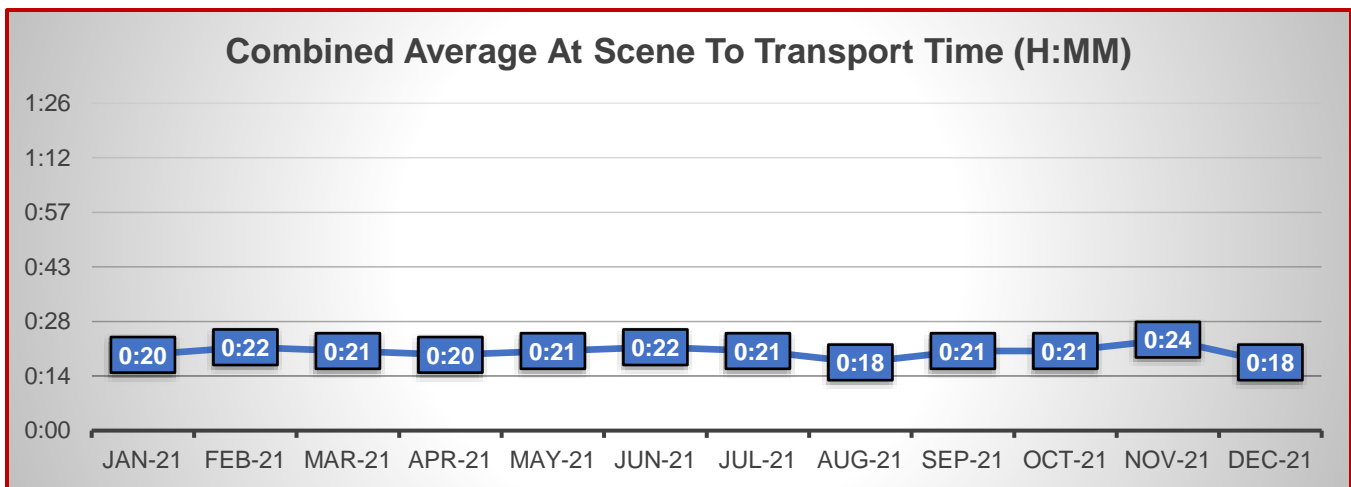
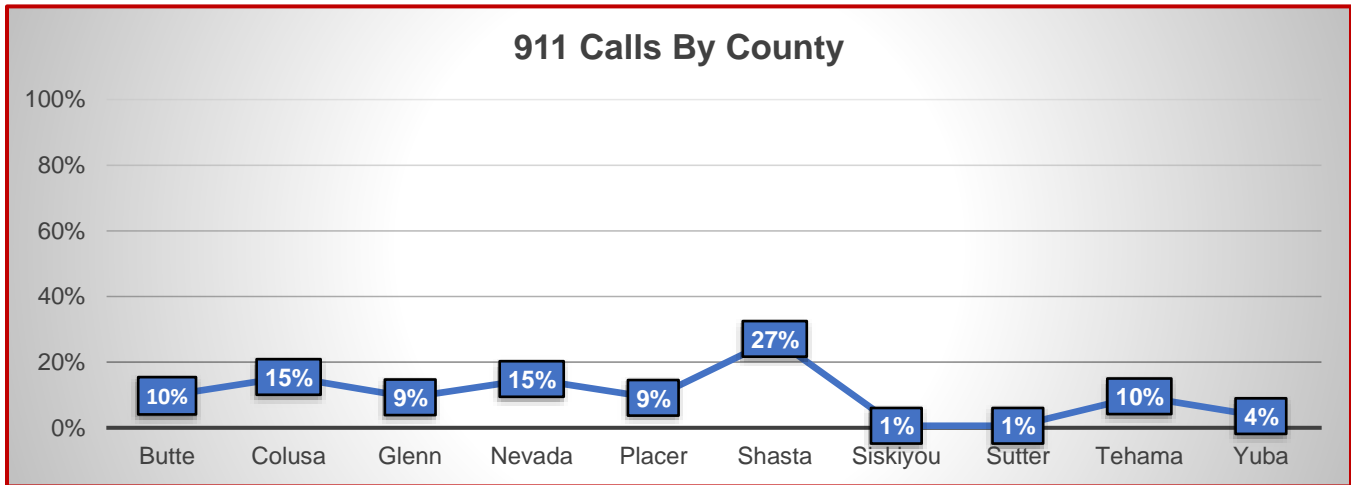


EMS Aircraft Incident System Data





EMS Aircraft Incident County & Times Data

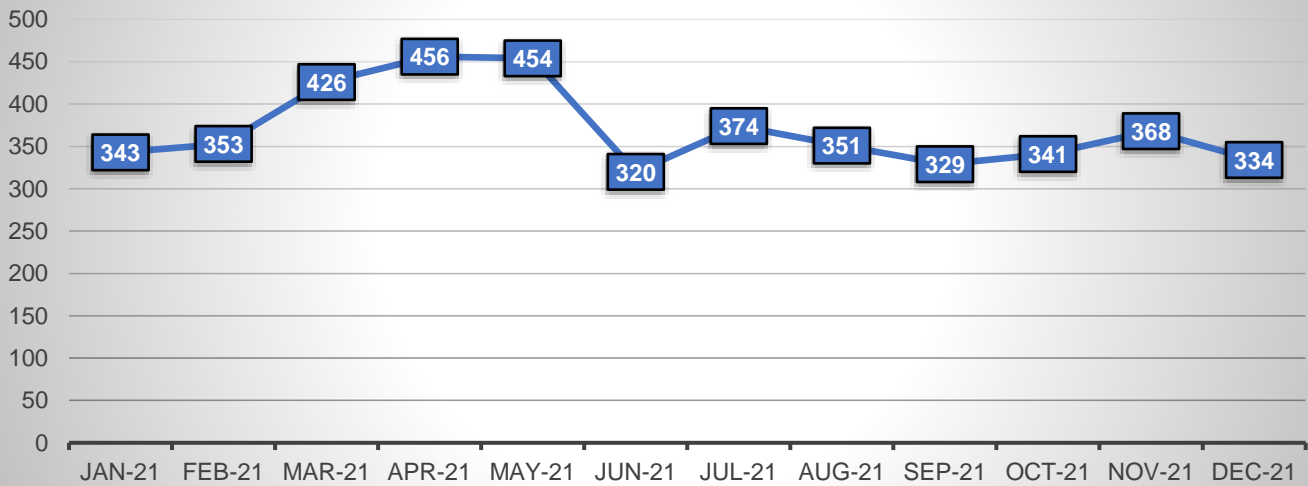




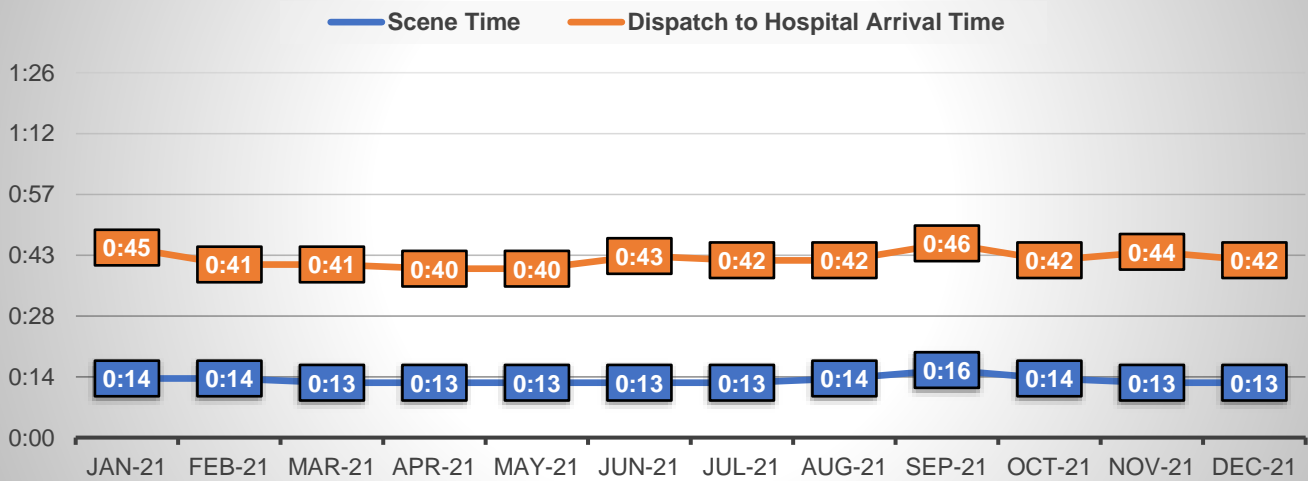
EMS Trauma Patient Data



911 Trauma Triage Criteria Patient Count



911 Trauma Triage Criteria Patient Average EMS Times (H:MM)

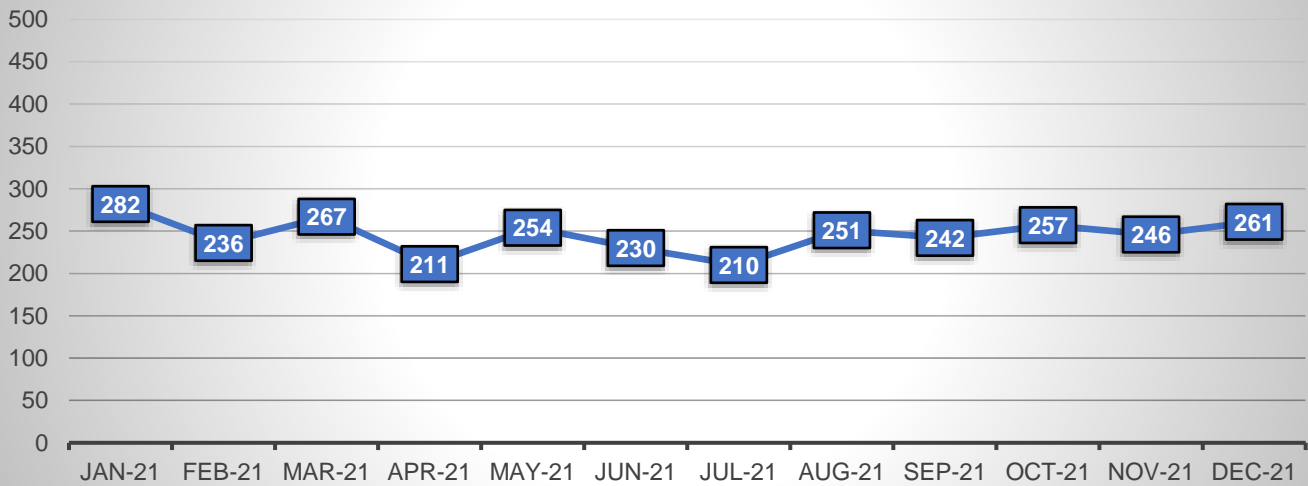




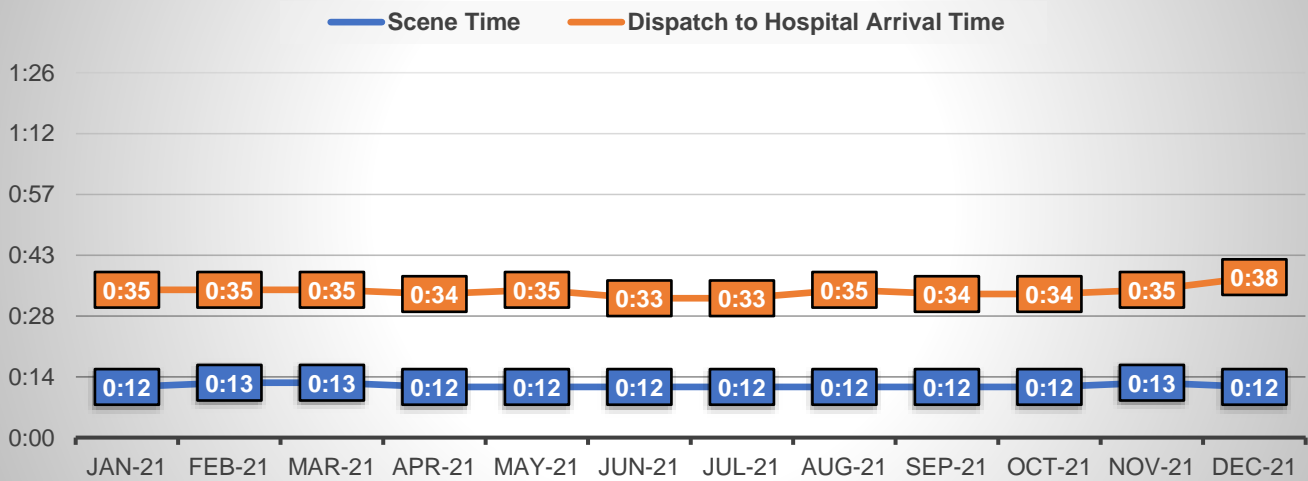
EMS Stroke Patient Data



911 Stroke Patient Count



911 Stroke Patient Average EMS Times (H:MM)

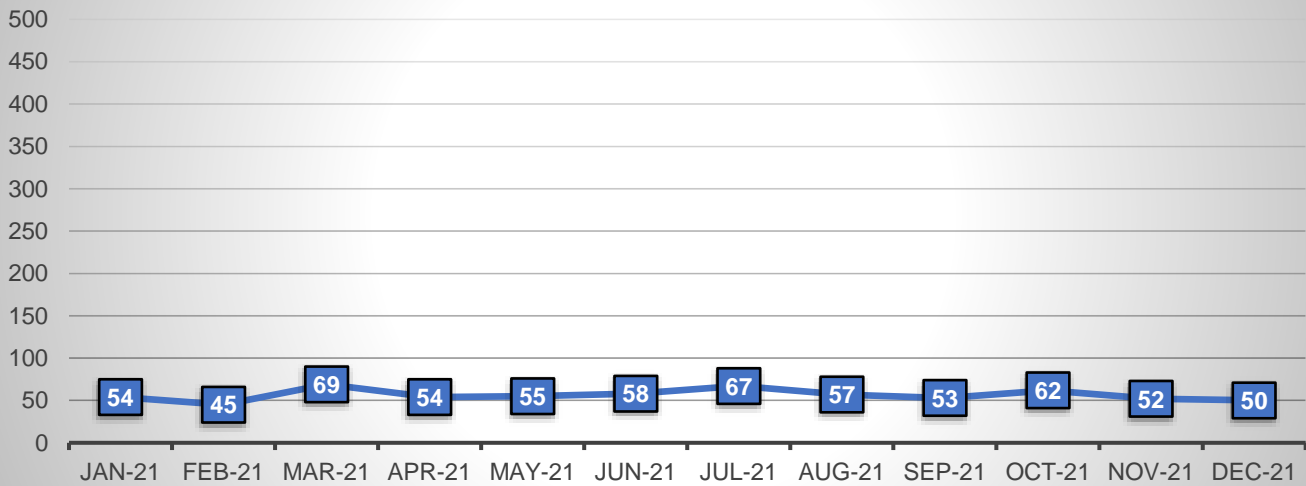




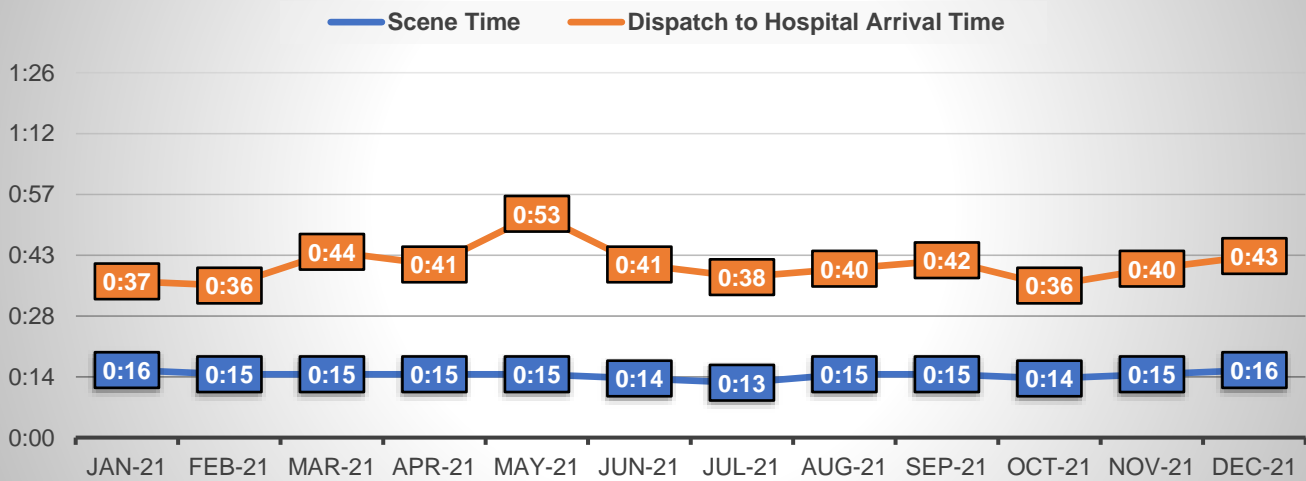
EMS STEMI Patient Data



911 STEMI Patient Count

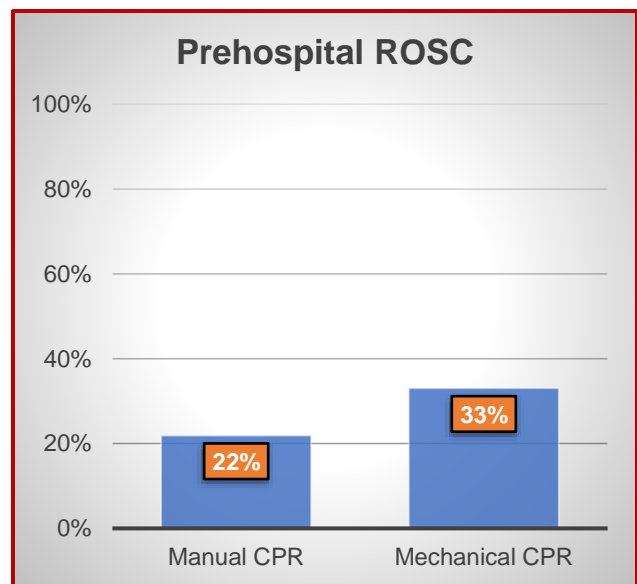
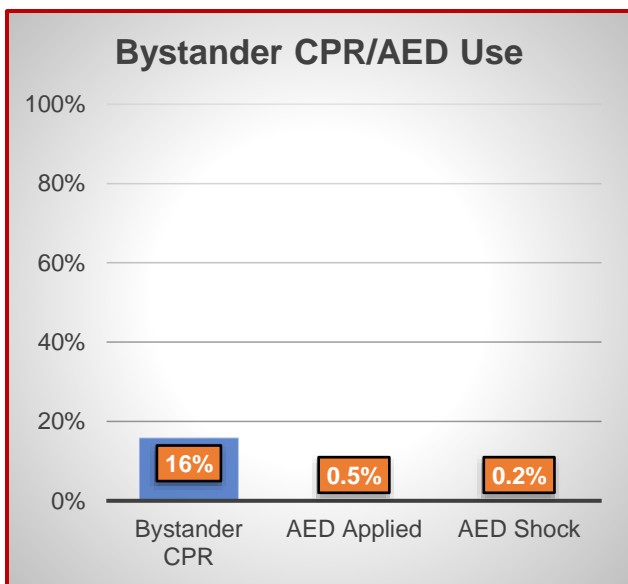
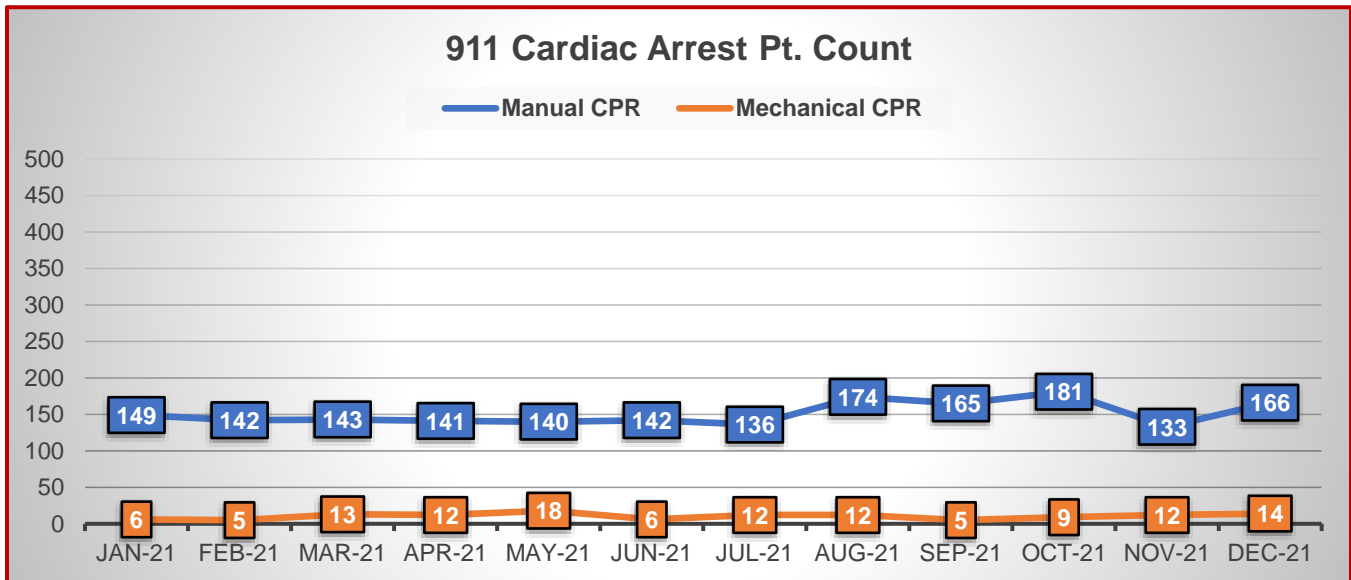


911 STEMI Patient Average EMS Times (H:MM)





EMS Cardiac Arrest Patient Data



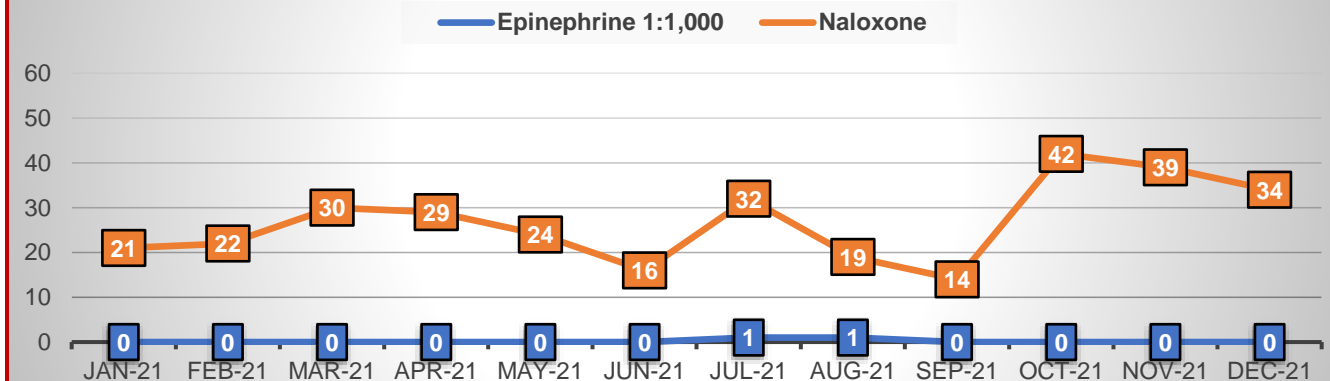


EMS Medication Utilization Data



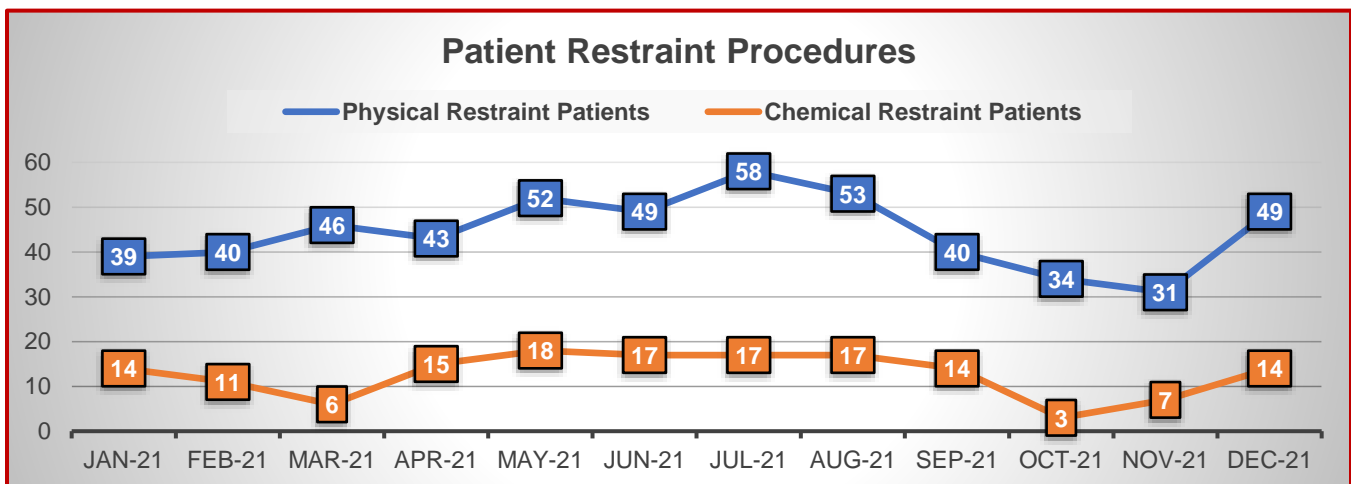
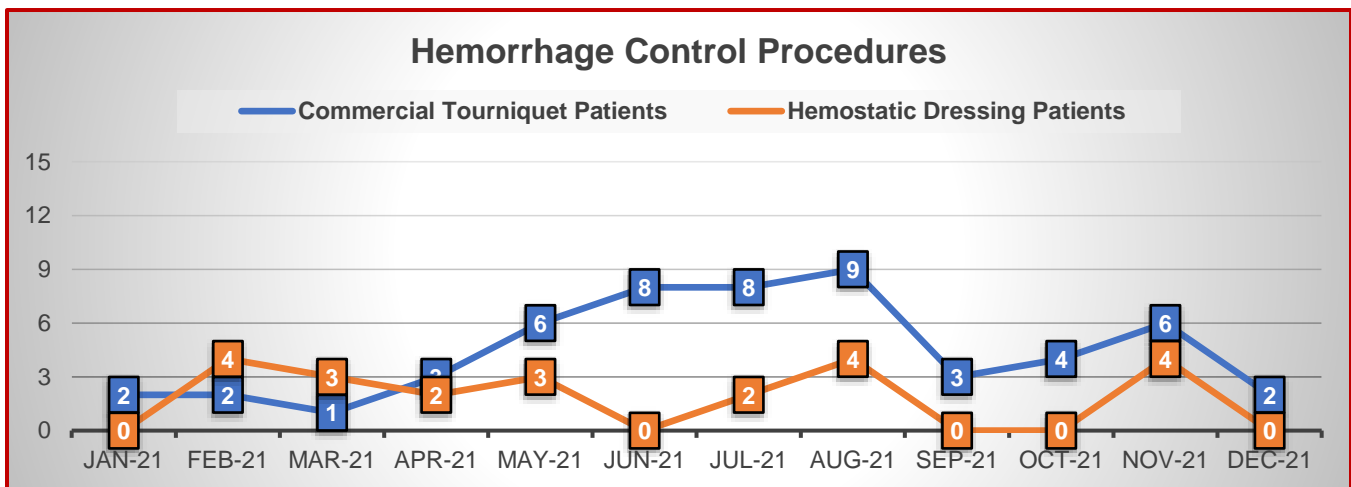
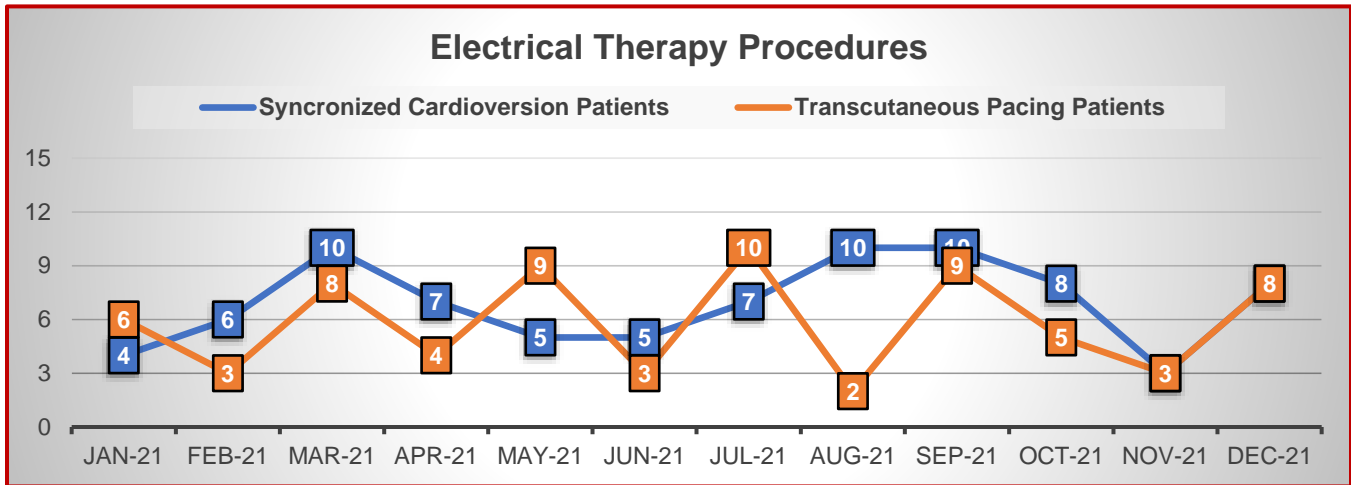
Medication	Ground Doses	Aircraft Doses	Medication	Ground Doses	Aircraft Doses
Acetaminophen (IV)	46	0	Ipratropium	3261	5
Activated Charcoal	55	0	Ketamine	322	91
Adenosine	296	0	Ketorolac	103	0
Albuterol	3625	8	Lidocaine	91	5
Amiodarone	265	2	Lorazepam	0	7
Aspirin	5533	9	Midazolam	966	37
Atropine	185	0	Morphine	1005	5
Dextrose 10%	30	2	Naloxone	1872	3
Dextrose 50%	1092	2	Nitroglycerin	7702	24
Diphenhydramine	450	1	Norepinephrine	0	4
Dopamine	0	1	Ondansetron	9921	162
Epinephrine 1:1,000	287	0	Rocuronium	0	44
Epinephrine 1:10,000	4431	76	Sodium Bicarbonate	94	1
Etomidate	0	13	Terbutaline	0	0
Fentanyl	7257	372	TXA	16	16
Glucagon	175	0	Vecuronium	0	1

BLS Optional Medication Administrations



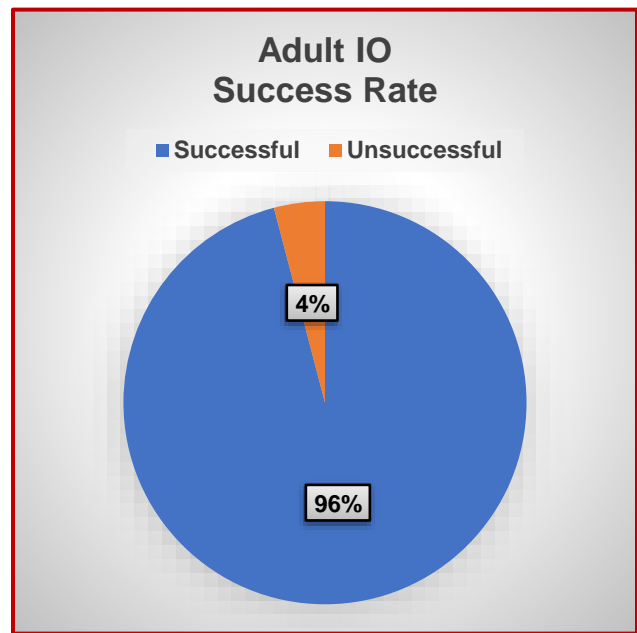
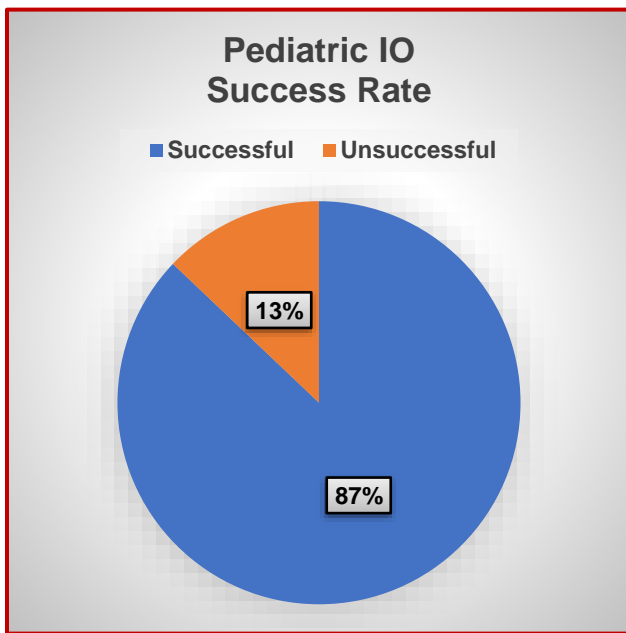
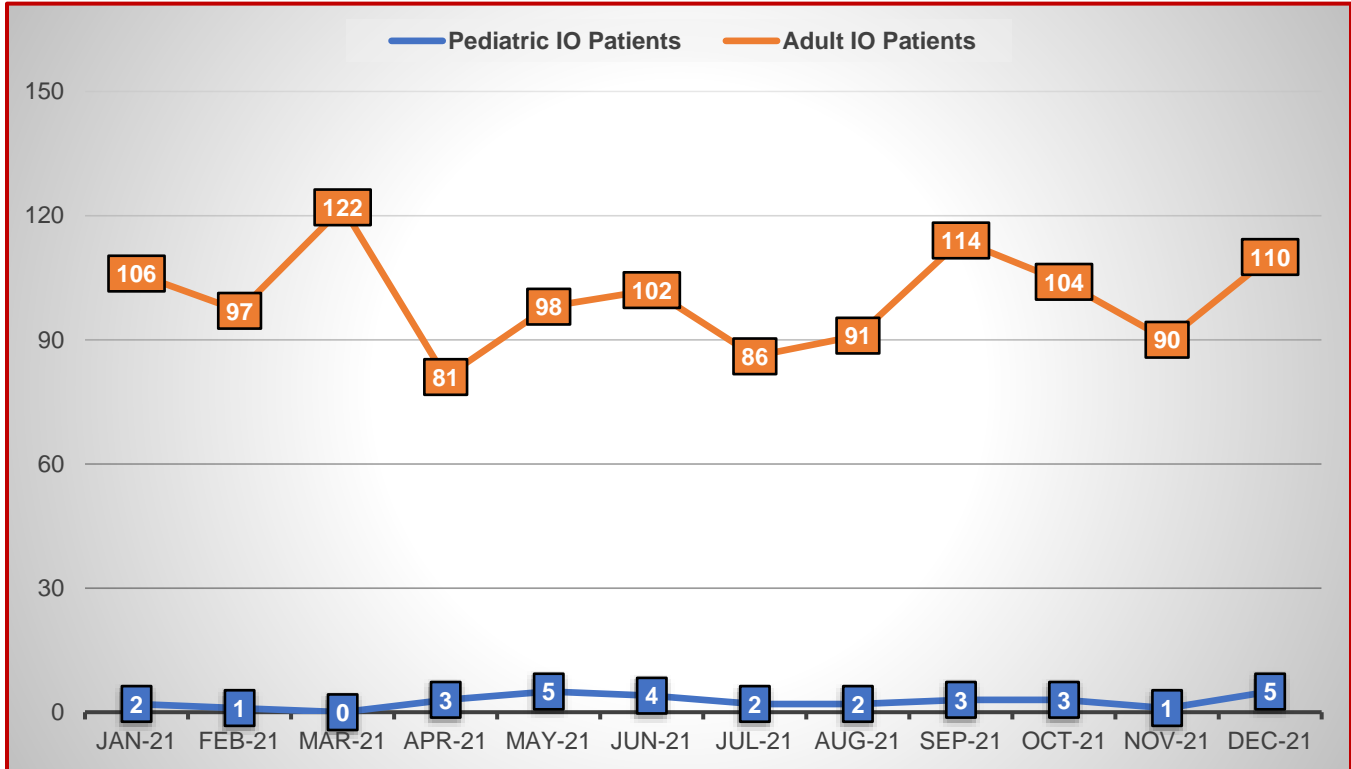


EMS Electrical Therapy, Restraint & Hemorrhage Control Procedures



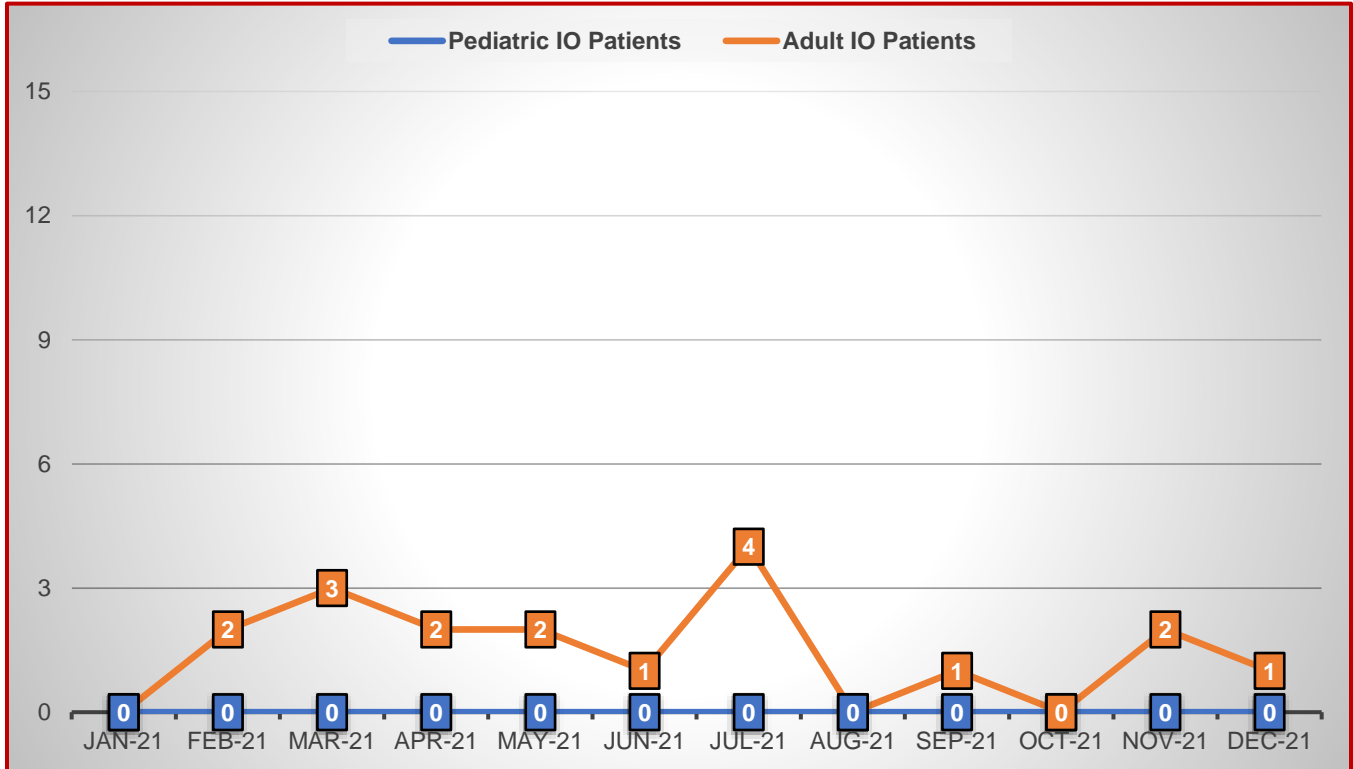


Ground EMS Intraosseous (IO) Procedures





EMS Aircraft Intraosseous (IO) Procedures



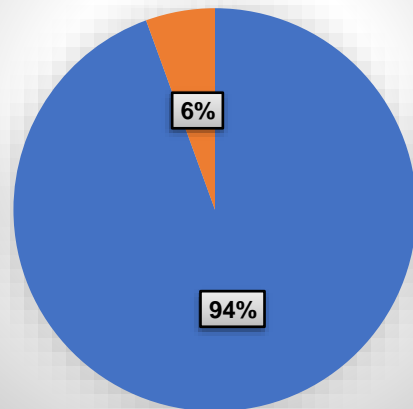
Pediatric IO Success Rate

■ Successful ■ Unsuccessful

0%

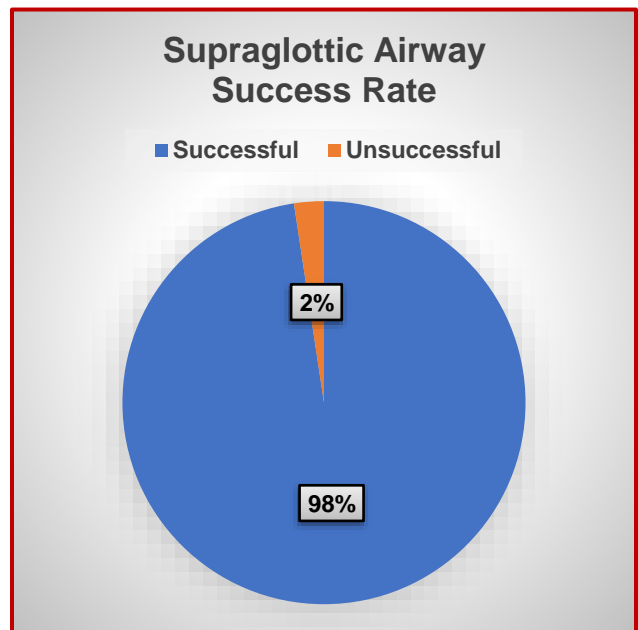
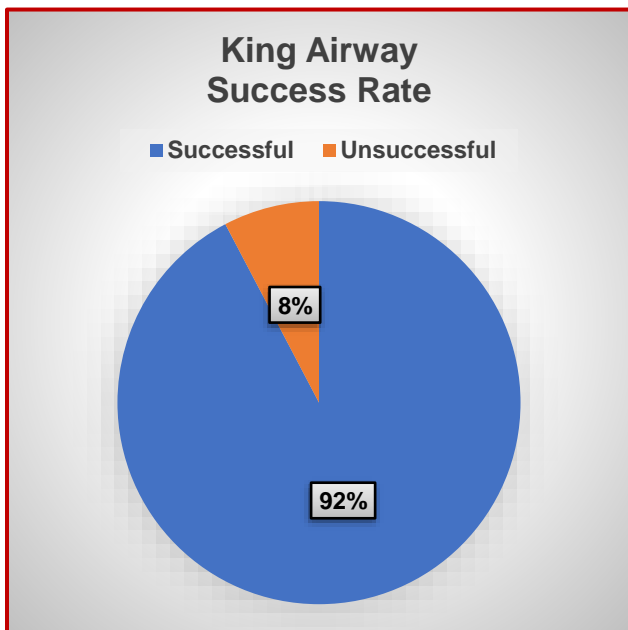
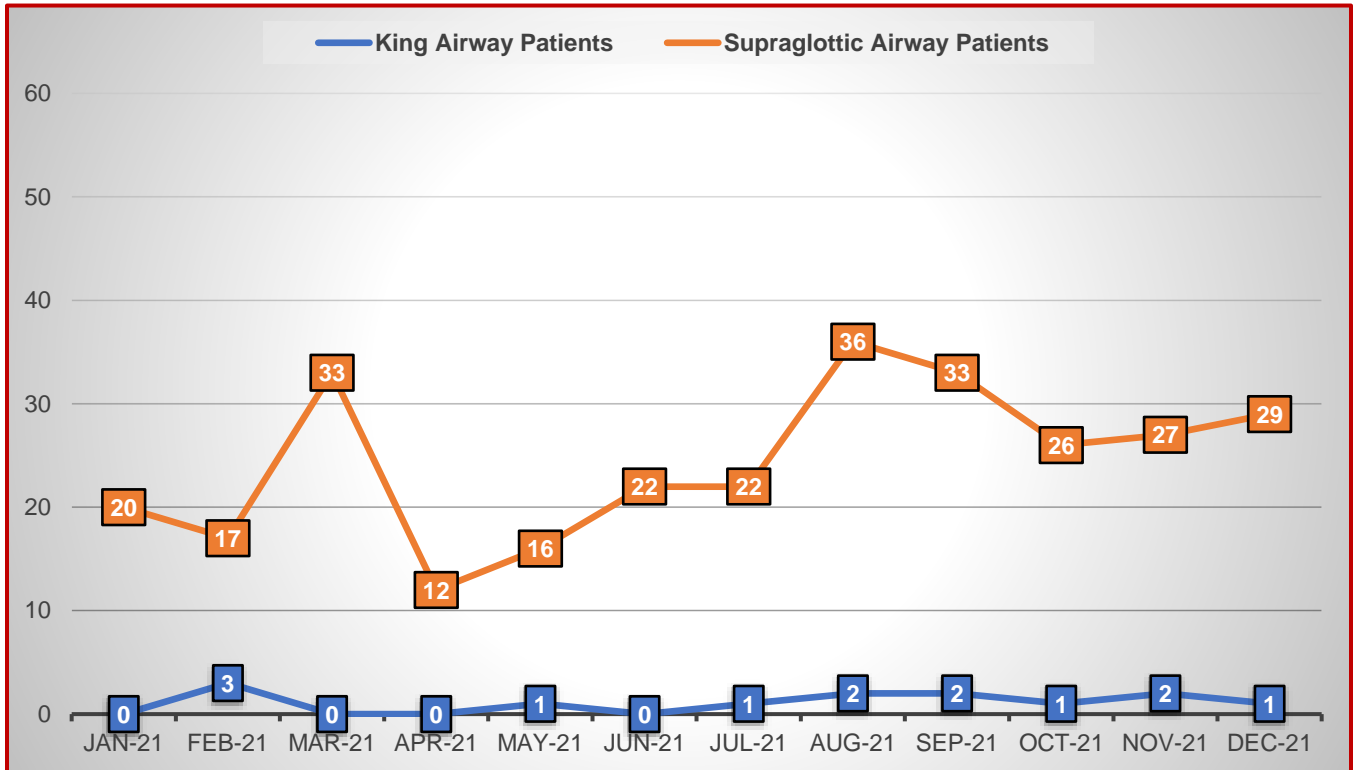
Adult IO Success Rate

■ Successful ■ Unsuccessful



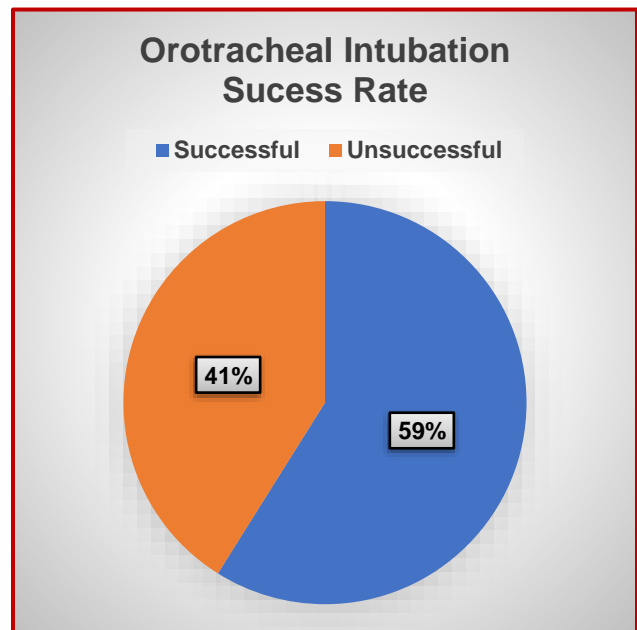
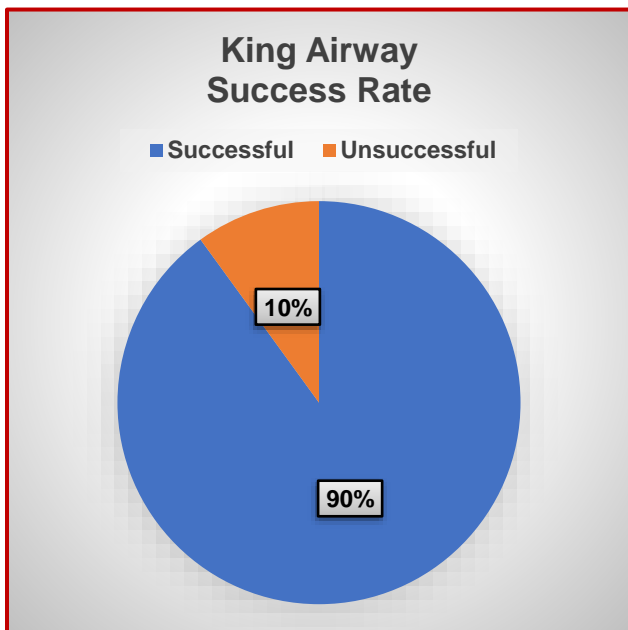
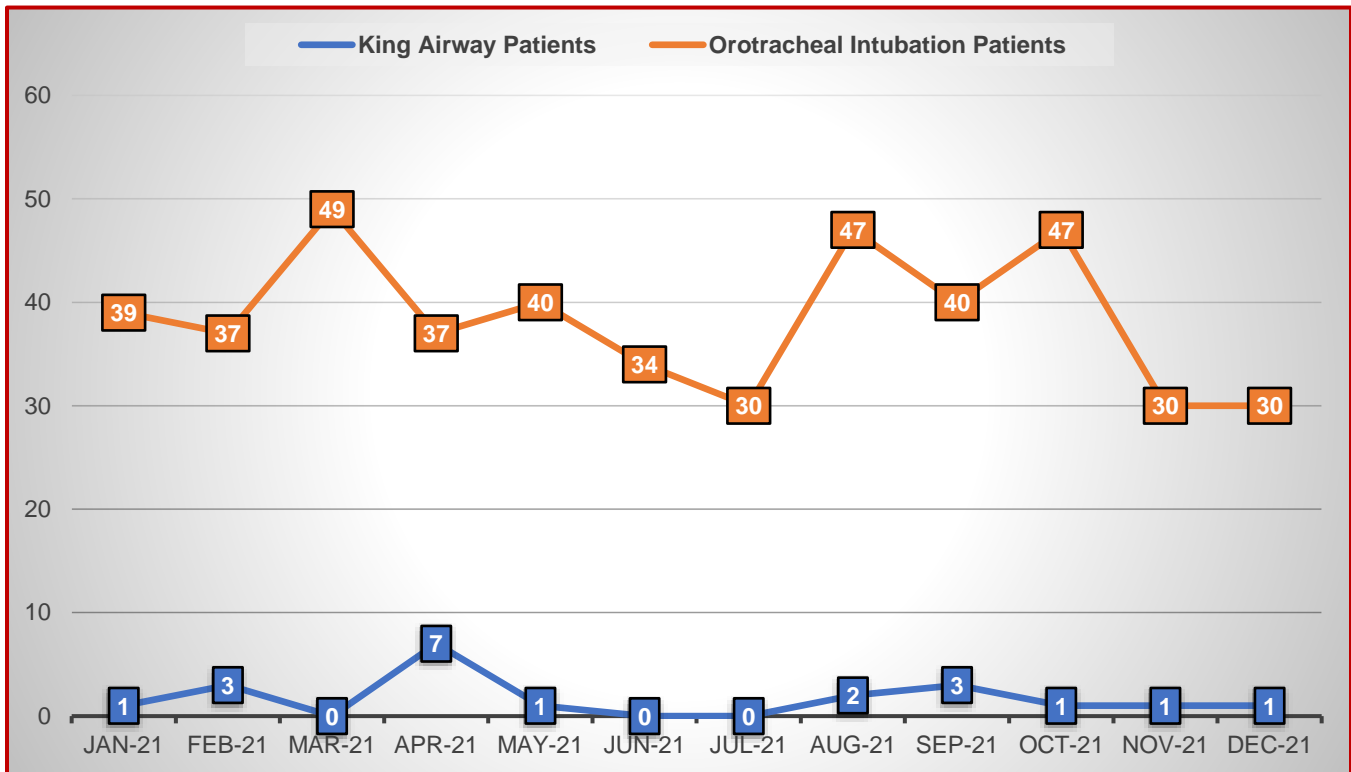


BLS King Airway & Supraglottic Airway Procedures



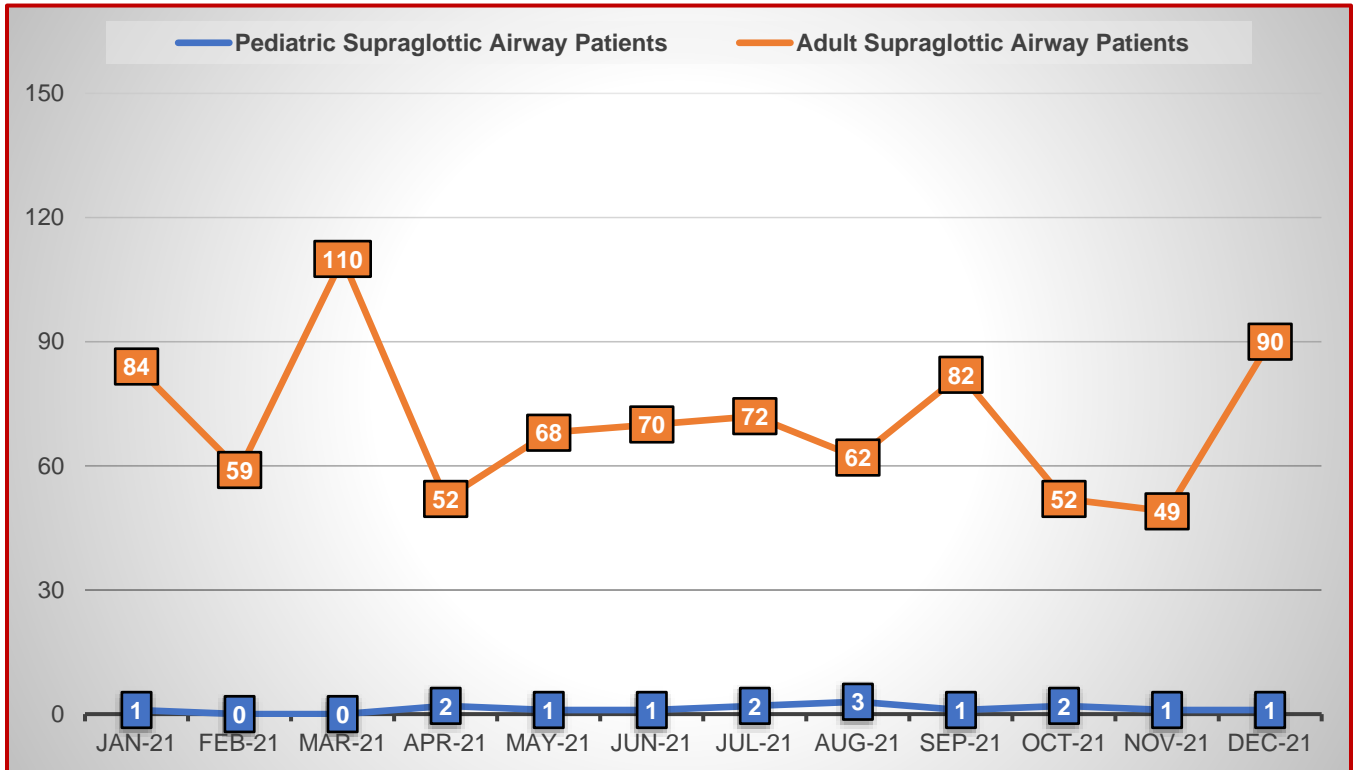


ALS Ground Orotracheal Intubation & King Airway Procedures



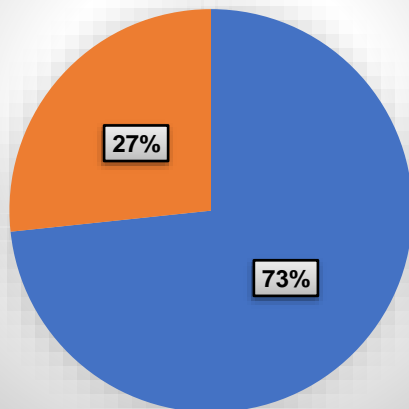


ALS Ground Supraglottic Airway Procedures



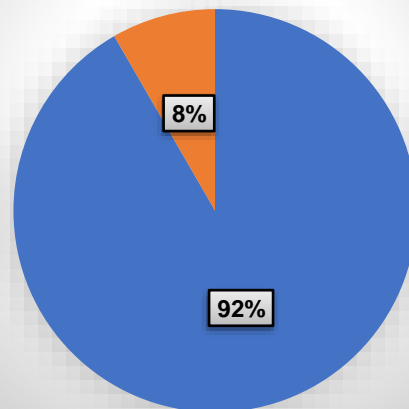
Pediatric Supraglottic Airway Success Rate

■ Successful ■ Unsuccessful



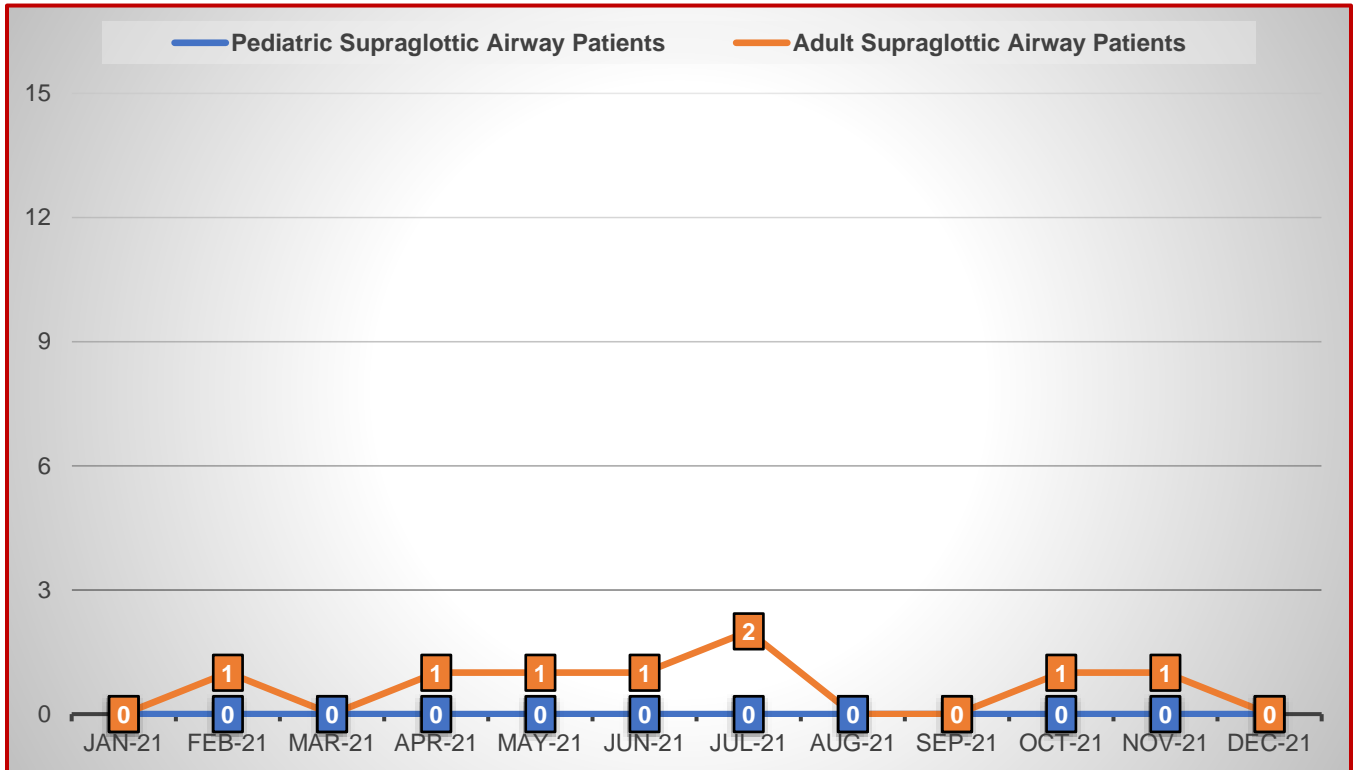
Adult Supraglottic Airway Success Rate

■ Successful ■ Unsuccessful





EMS Aircraft Supraglottic Airway Procedures



Pediatric Supraglottic Airway Success Rate

■ Successful ■ Unsuccessful

0%

Adult Supraglottic Airway Success Rate

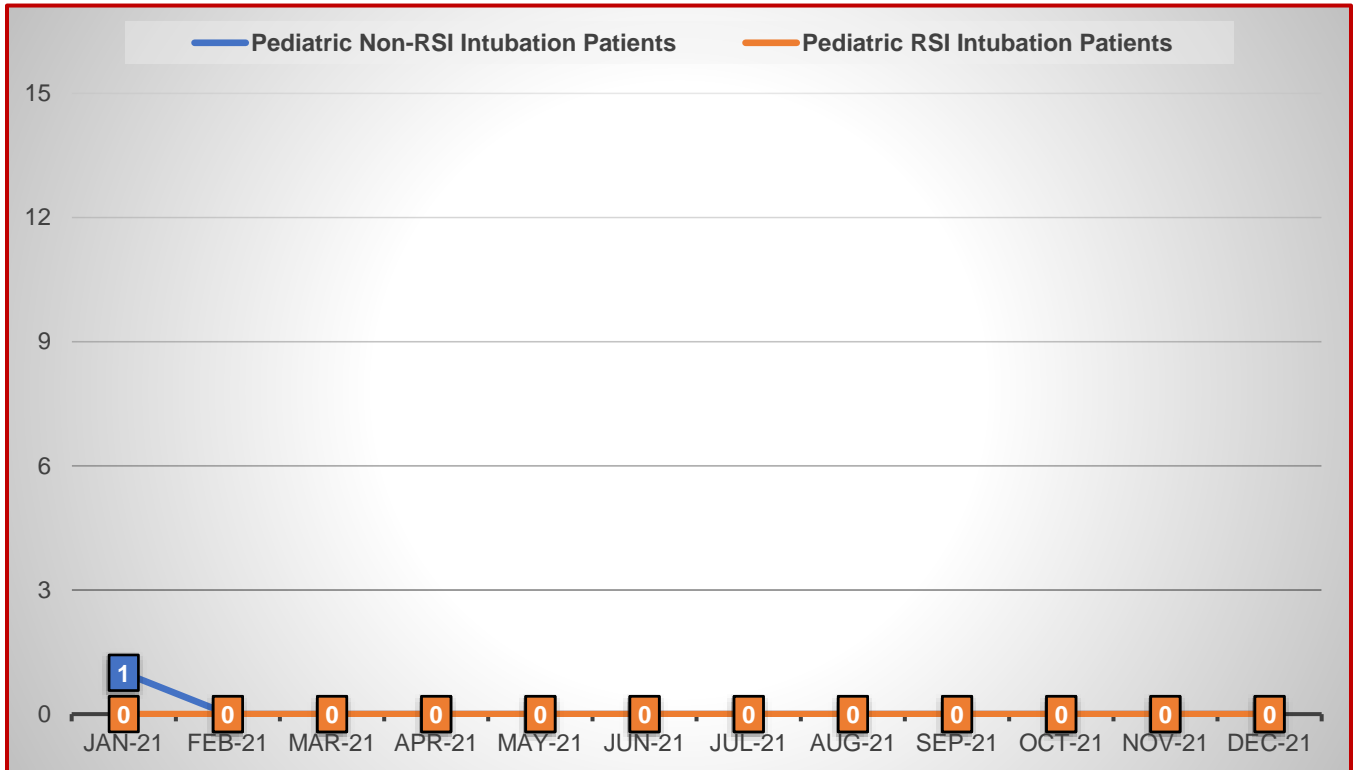
■ Successful ■ Unsuccessful

0%

100%

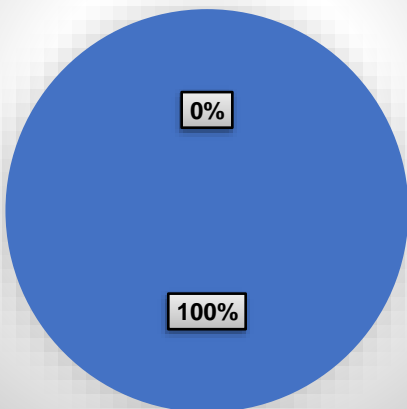


EMS Aircraft Pediatric Orotracheal Intubation Airway Procedures



Pediatric Non-RSI Intubation Success Rate

■ Successful ■ Unsuccessful



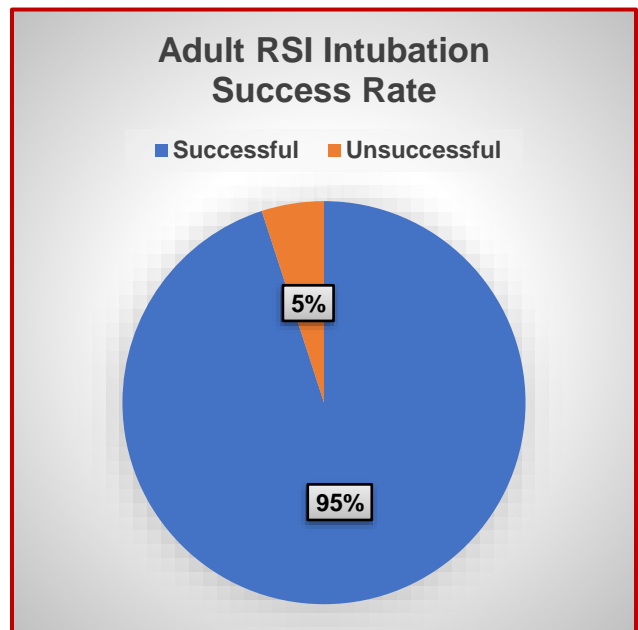
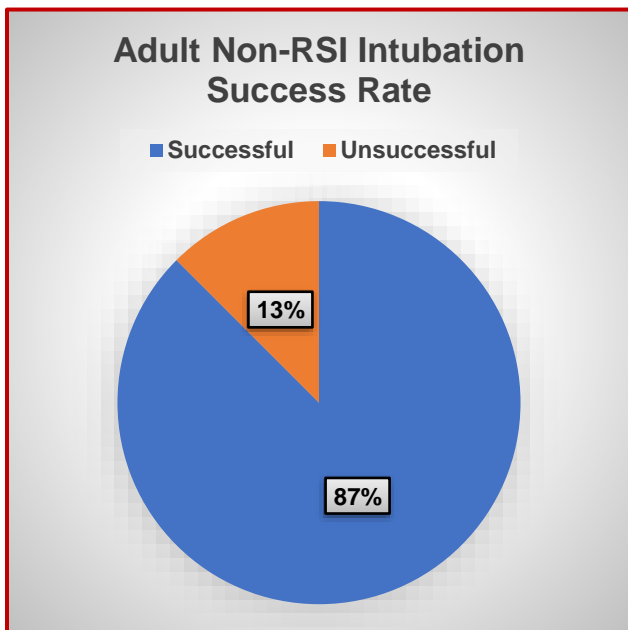
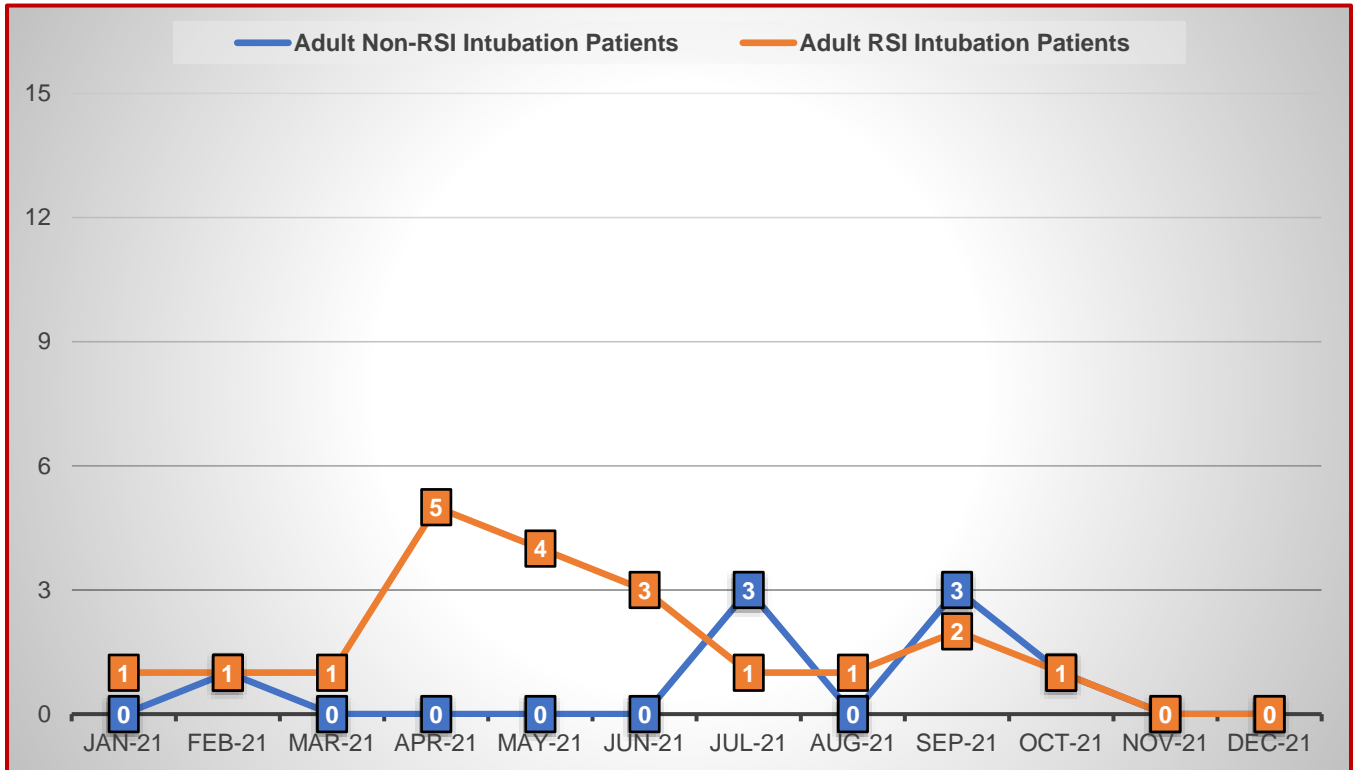
Pediatric RSI Intubation Success Rate

■ Successful ■ Unsuccessful



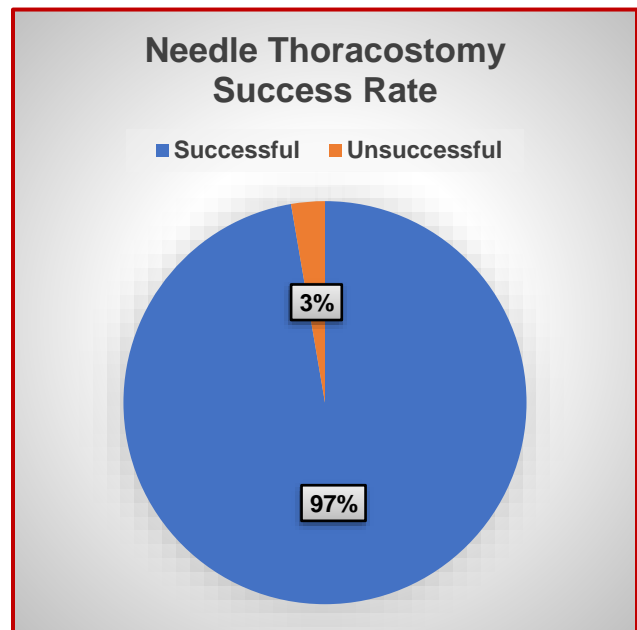
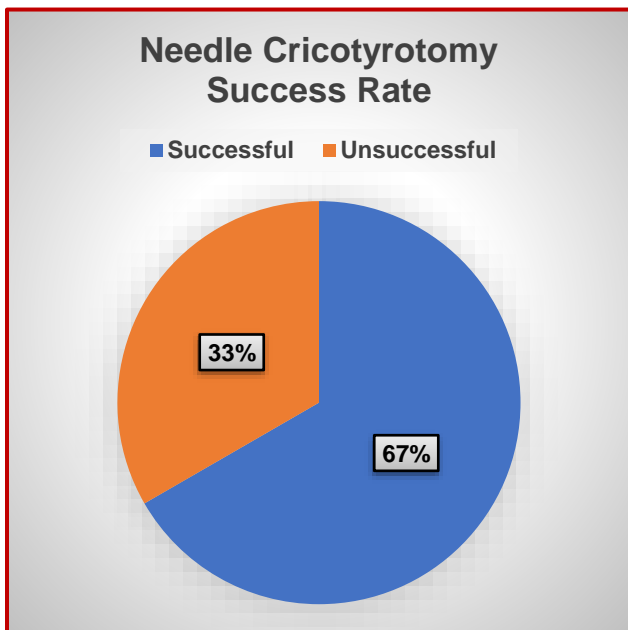
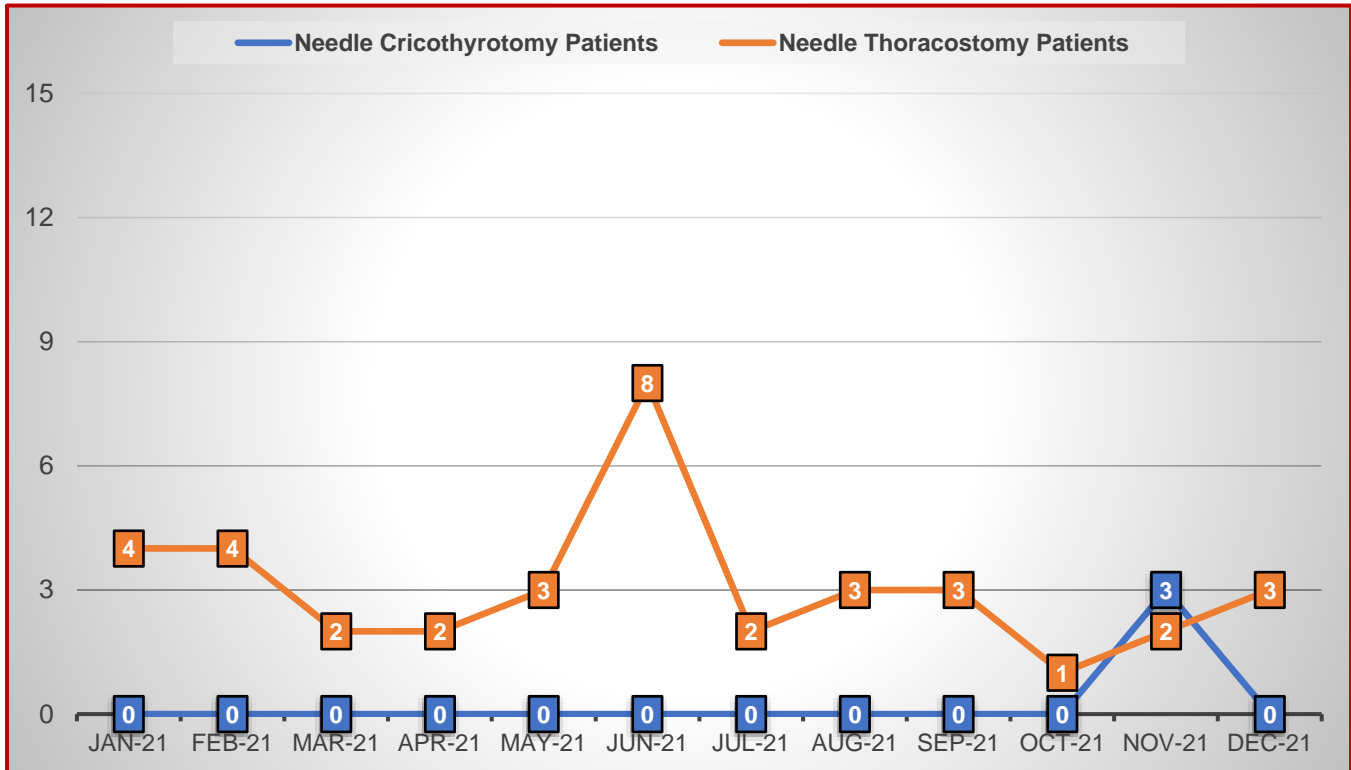


EMS Aircraft Adult Orotracheal Intubation Airway Procedures



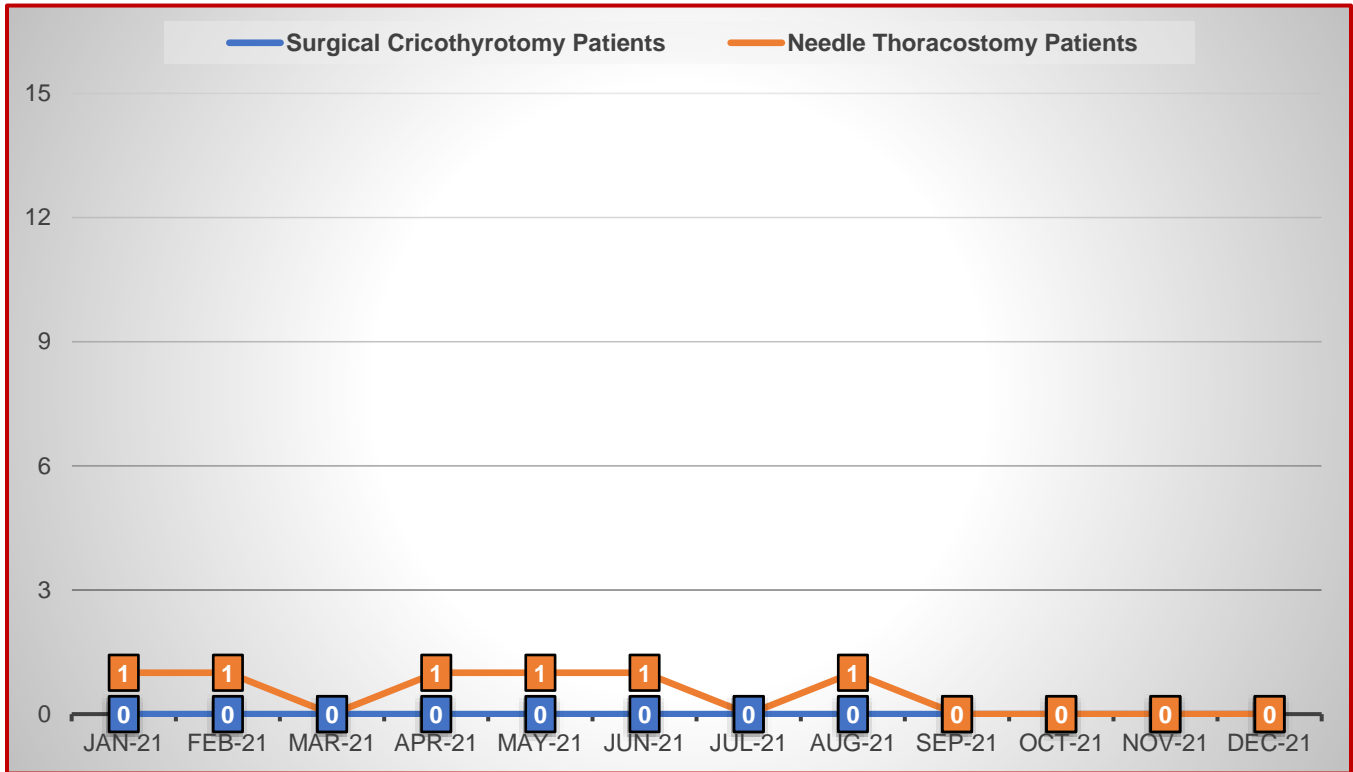


ALS Ground Cricothyrotomy & Thoracostomy Procedures





EMS Aircraft Cricothyrotomy & Thoracostomy Procedures



Surgical Cricothyrotomy Success Rate

■ Successful ■ Unsuccessful

0%

Needle Thoracostomy Success Rate

■ Successful ■ Unsuccessful

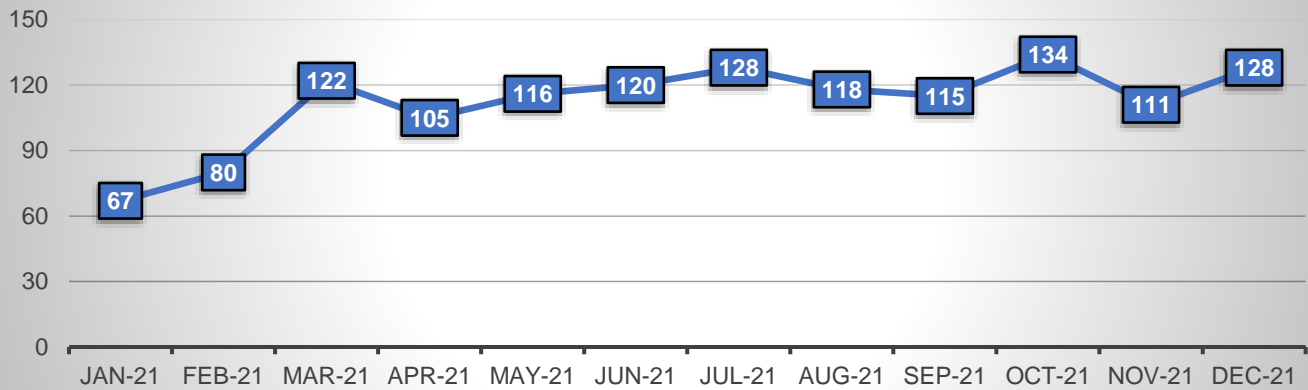
0%

100%

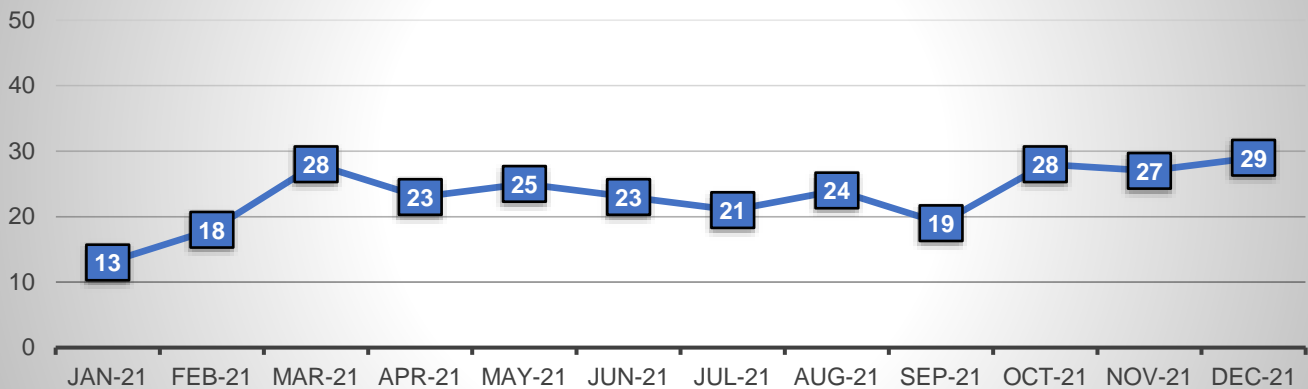


EMS Naloxone Utilization

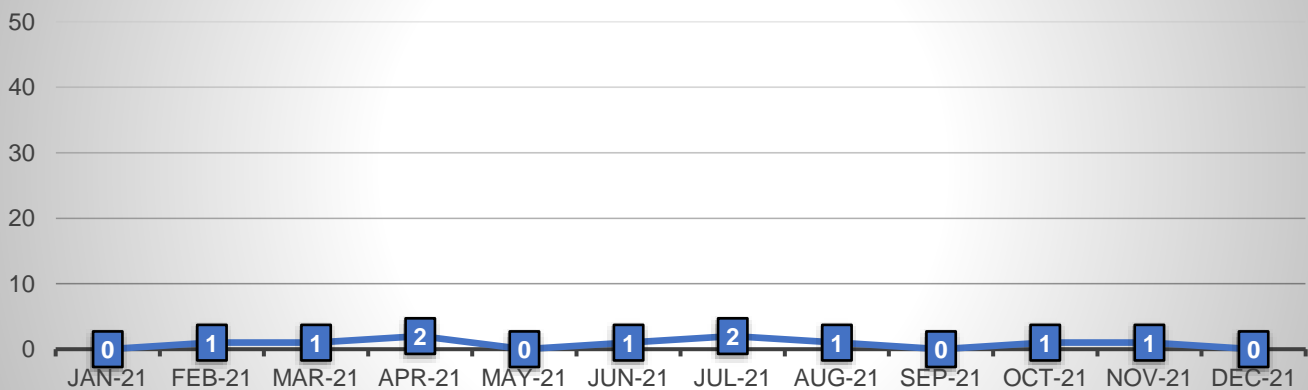
911 EMS Naloxone Administration Patients - S-SV EMS Region



911 EMS Naloxone Administration Patients - Butte County



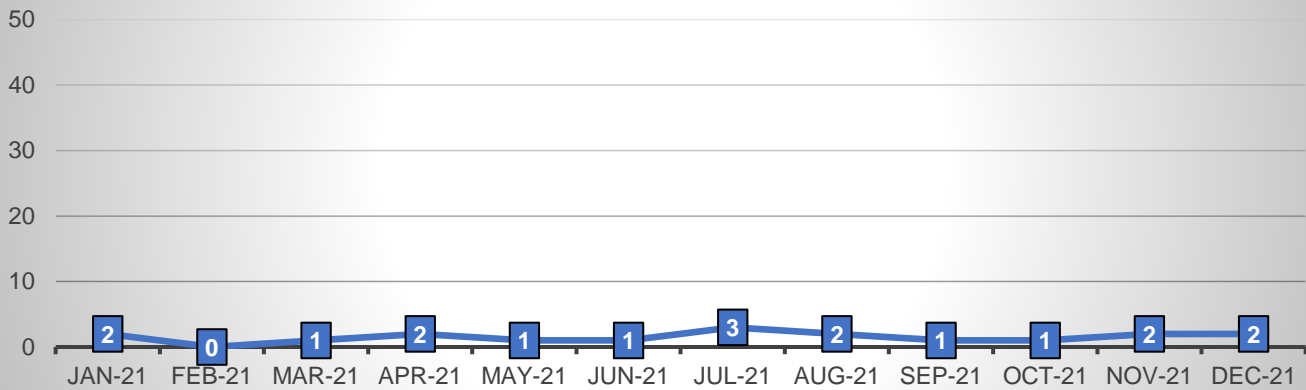
911 EMS Naloxone Administration Patients - Colusa County



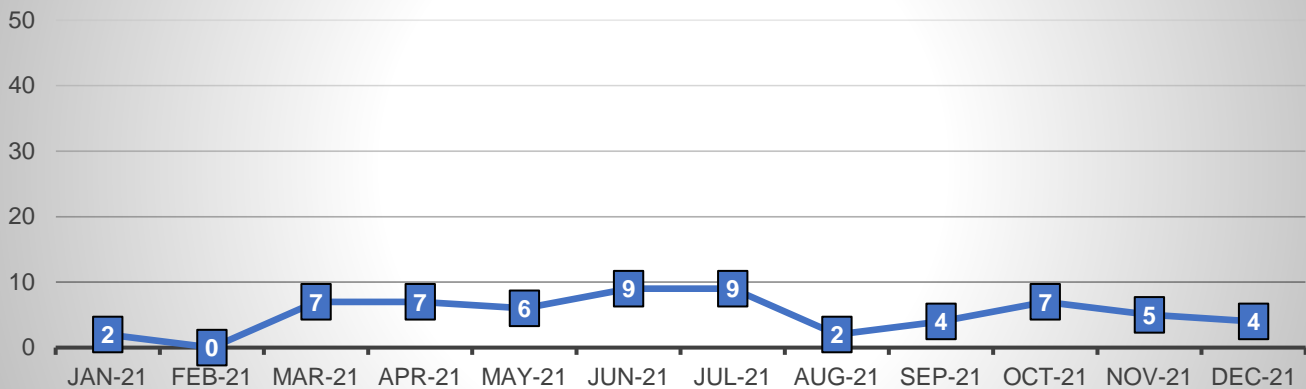


EMS Naloxone Utilization

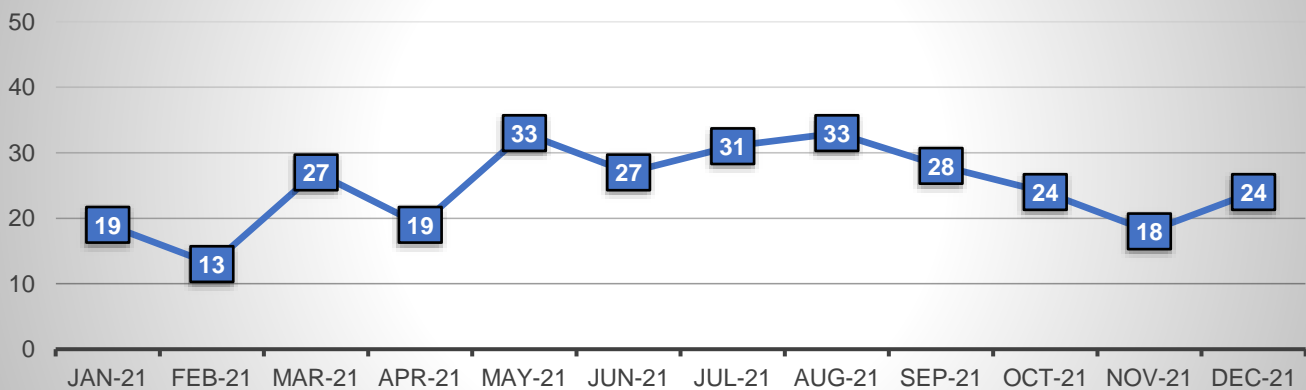
911 EMS Naloxone Administration Patients - Glenn County



911 EMS Naloxone Administration Patients - Nevada County



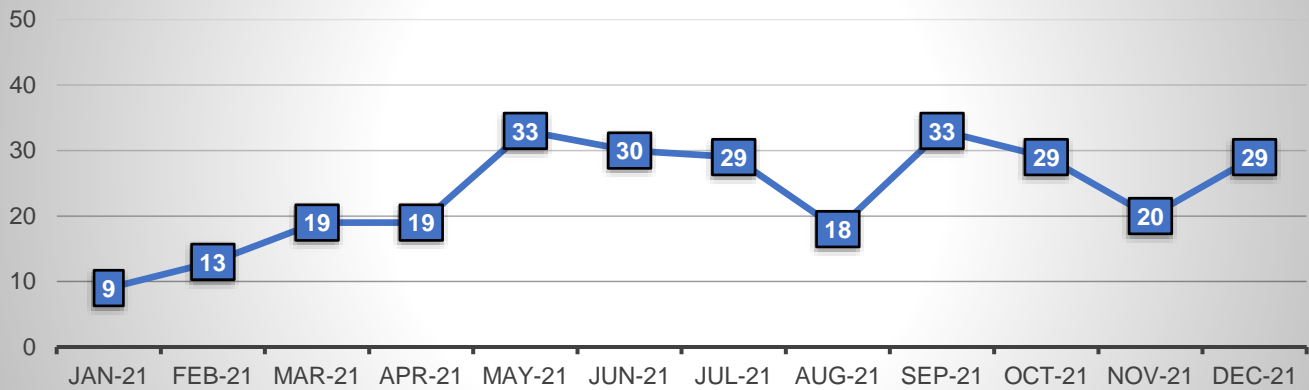
911 EMS Naloxone Administration Patients - Placer County



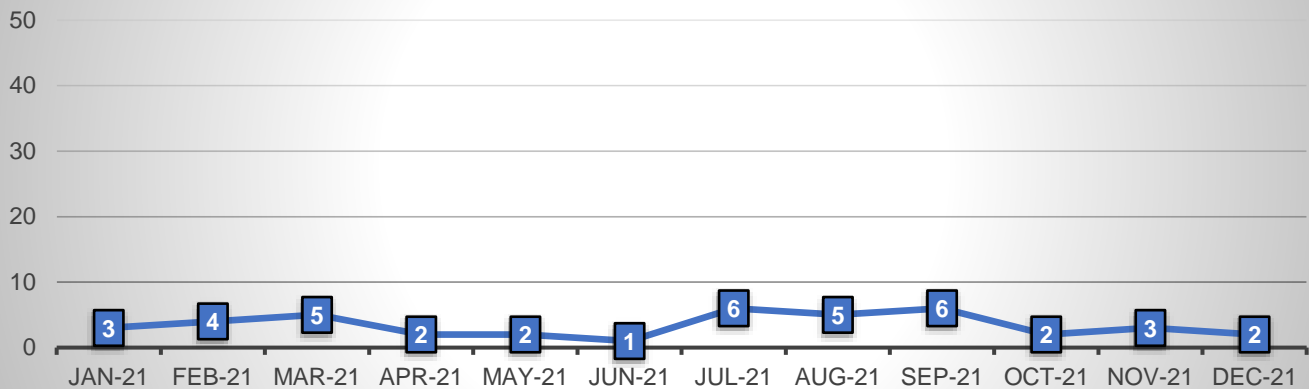


EMS Naloxone Utilization

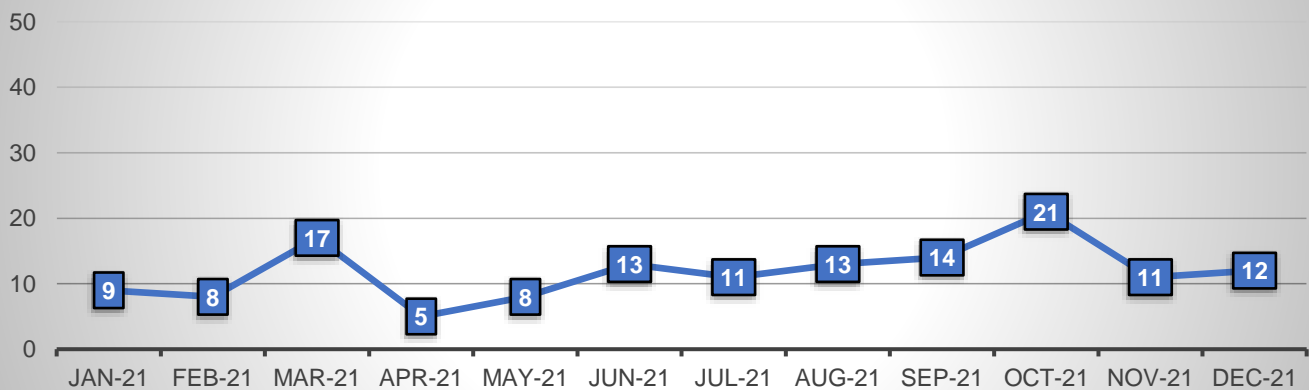
911 EMS Naloxone Administration Patients - Shasta County



911 EMS Naloxone Administration Patients - Siskiyou County



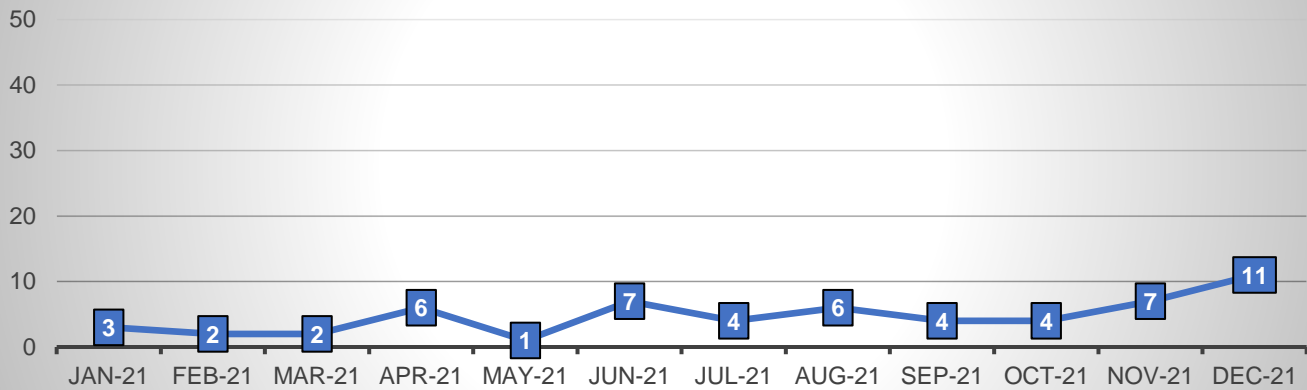
911 EMS Naloxone Administration Patients - Sutter County



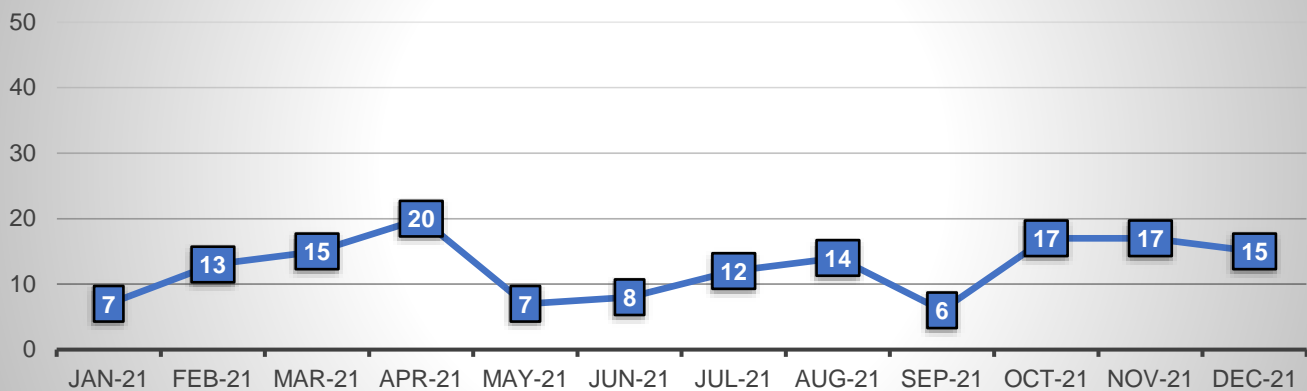


EMS Naloxone Utilization

911 EMS Naloxone Administration Patients - Tehama County



911 EMS Naloxone Administration Patients - Yuba County





Ambulance Patient Offload Time (APOT) General Information



Ambulance Patient Offload Time (APOT) Definition – The time interval between the arrival of an ambulance patient at a hospital emergency department (ED), and the time the patient is transferred to the ED gurney, bed, chair or other acceptable location and the ED assumes full responsibility for care of the patient. The following NEMESIS Version 3.4 data elements, descriptions and calculations (as documented on the legal electronic patient care report by EMS personnel) are utilized to determine/report the APOT data:

NEMESIS Data Element	Data Element Description	S-SV EMS Criteria/Calculation
dAgency.03	Agency Name	All S-SV EMS 911 Transport Providers
eResponse.05	Response Type of Service Requested	911 Response (Scene)
eDisposition.12	Incident/Patient Disposition	Treated, Transported by EMS
eDisposition.01	Destination/Transferred to, Name	All S-SV EMS Jurisdiction Hospitals
eTimes.11 eTimes.12	Pt Arrived at Destination Date/Time Destination Pt Transfer of Care Date/Time	Calculation = Difference (Minutes) Between eTimes.11 & eTimes.12

APOT Measures

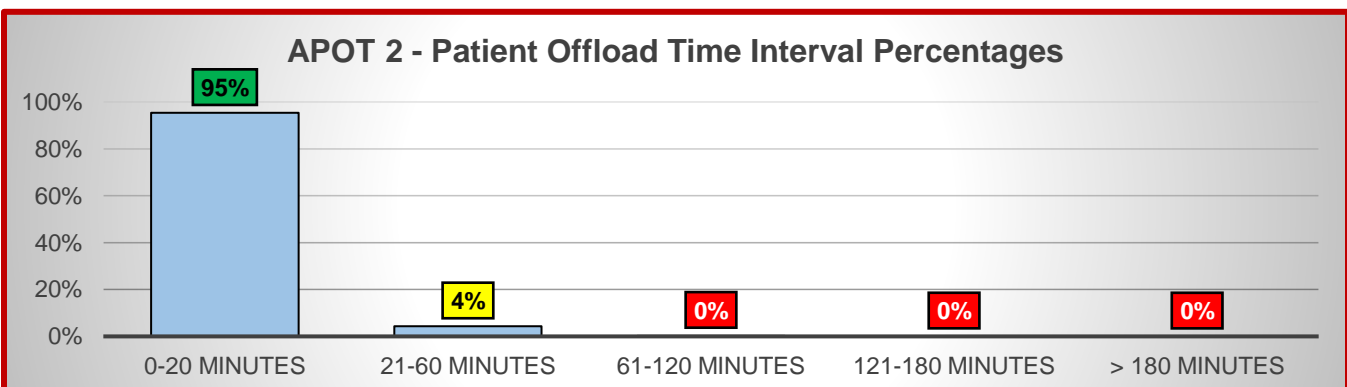
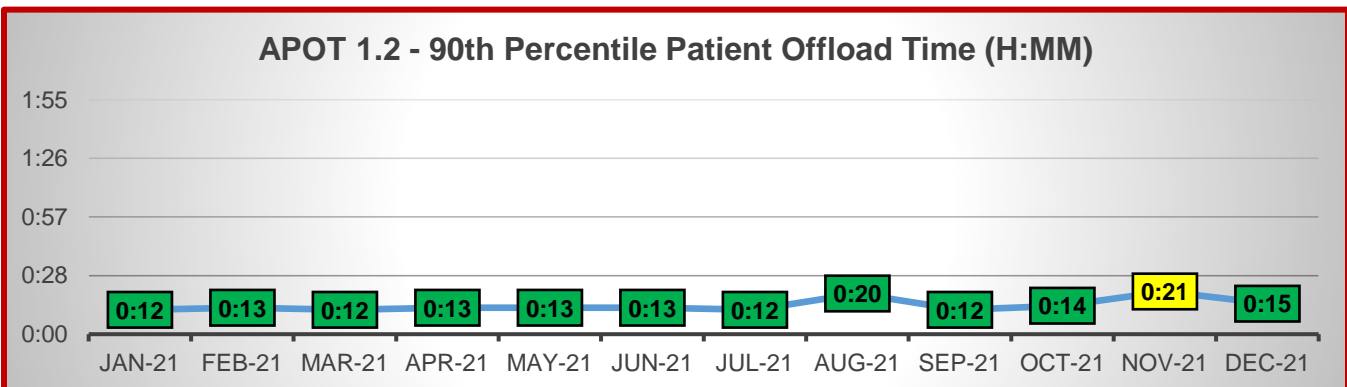
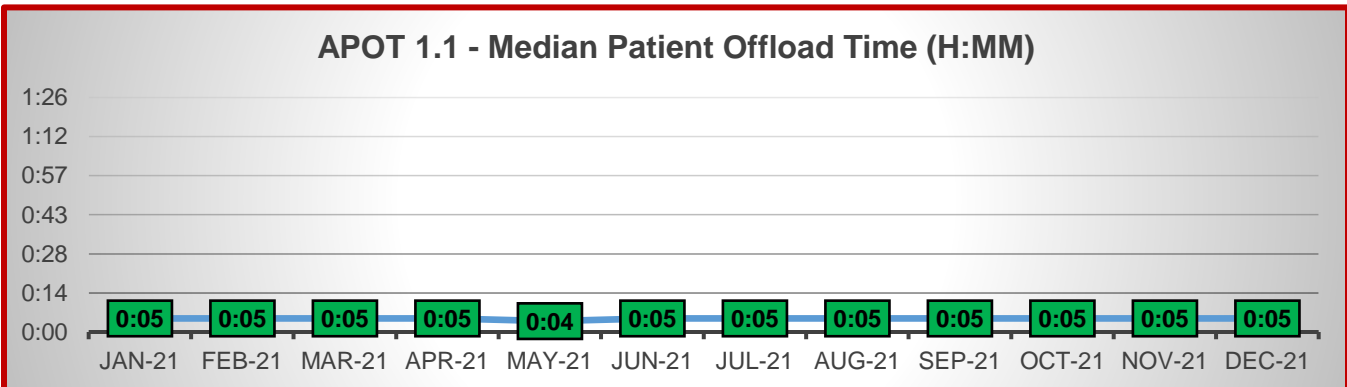
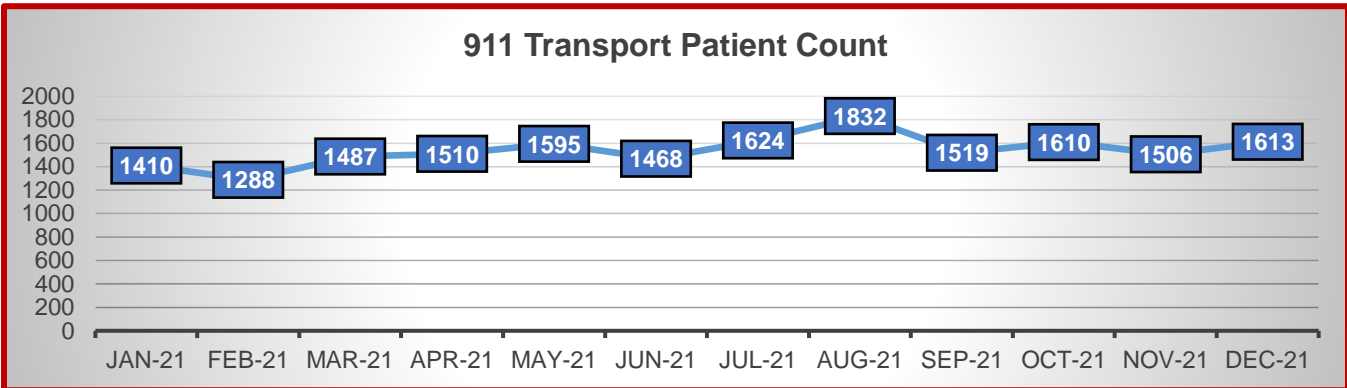
- **APOT 1.1** – An ambulance patient offload time interval measure. This metric is a continuous variable measured in minutes, aggregated and reported as a median.
- **APOT 1.2** – An ambulance patient offload time interval measure. This metric is a continuous variable measured in minutes, aggregated and reported as a 90th percentile.
- **APOT 2** – An ambulance patient offload time interval process measure. This metric demonstrates the incidence of ambulance patient offload times expressed as a percentage of total EMS patients within a 20 minute target, and exceeding that time in reference to 60, 120 & 180 minute intervals.

APOT Charts/Graphs Color Key Definitions

- Total Number of 911 patient transports for the reporting month
- Meets APOT Standard (All APOT measures: ≤20 minutes)
- Exceeds APOT Standard (APOT 1.1 & 1.2: 21-30 minutes, APOT 2: 21-60 minutes)
- Significantly Exceeds APOT Standard (APOT 1.1 & 1.2: >30 minutes, APOT 2: >60 minutes)



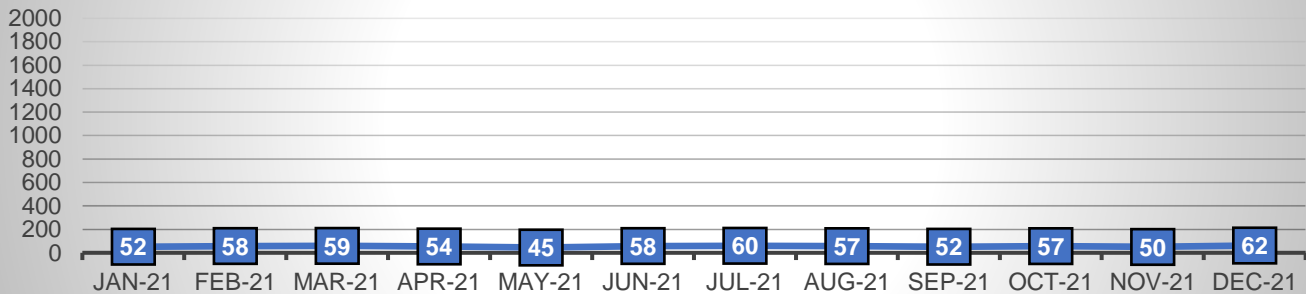
Adventist Health +Rideout APOT



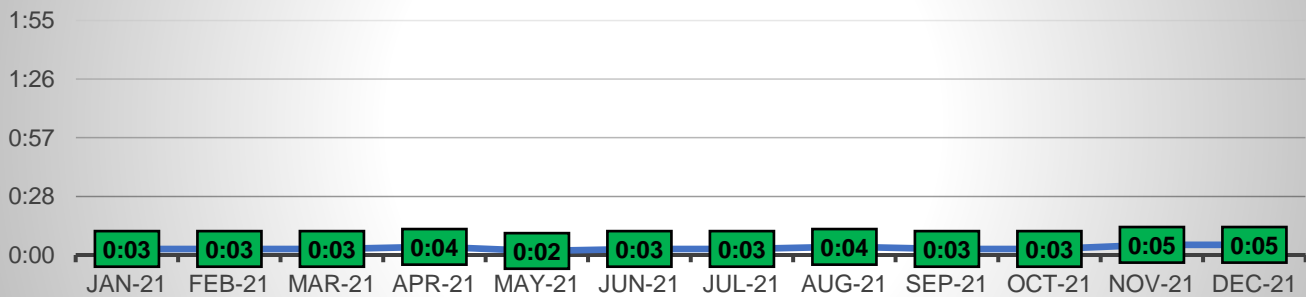


Colusa Medical Center APOT

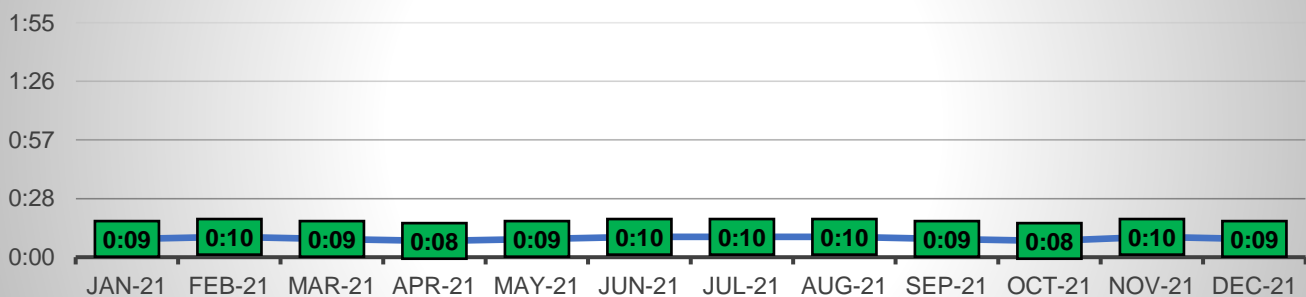
911 Transport Patient Count



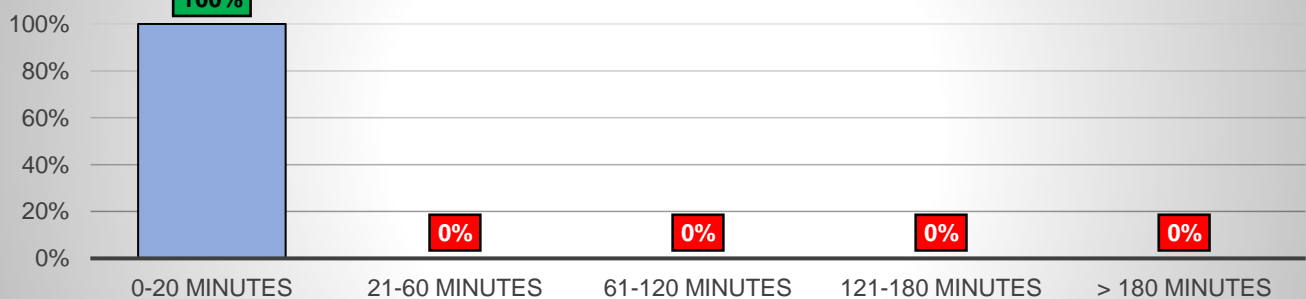
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



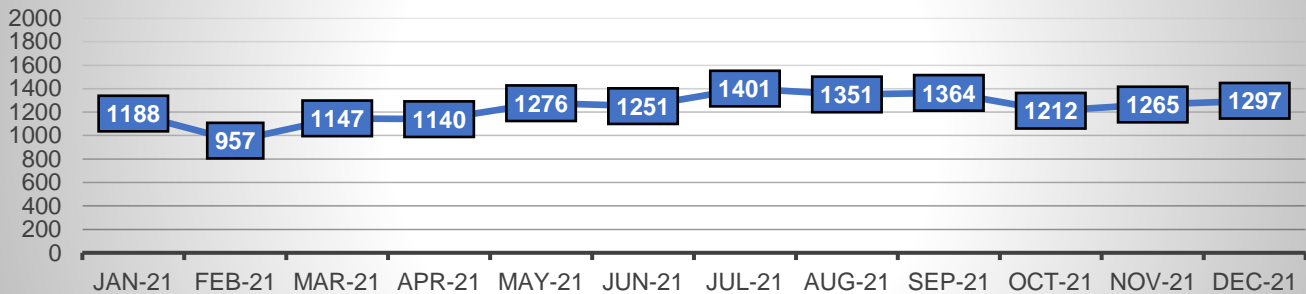
APOT 2 - Patient Offload Time Interval Percentages



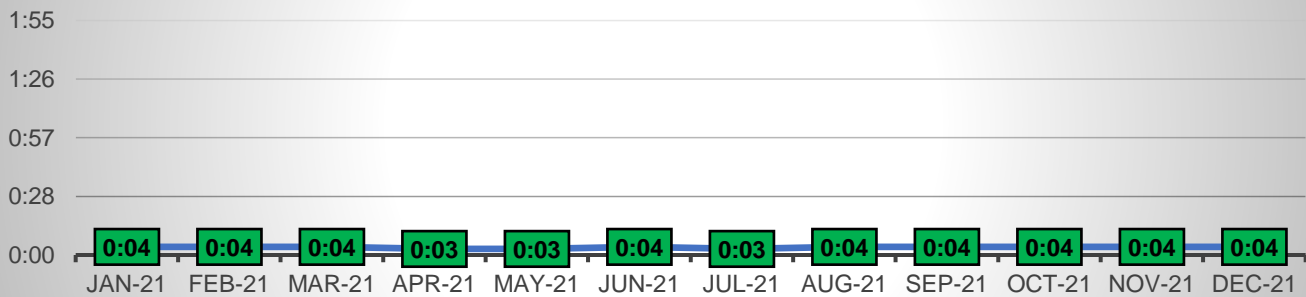


Enloe Medical Center APOT

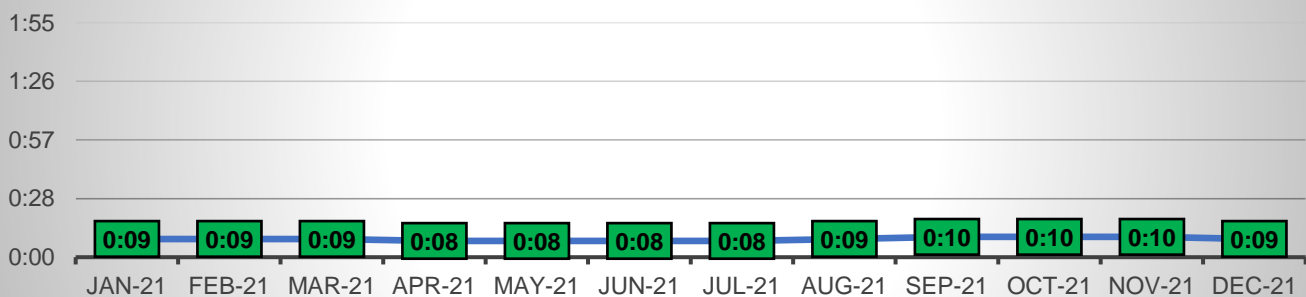
911 Transport Patient Count



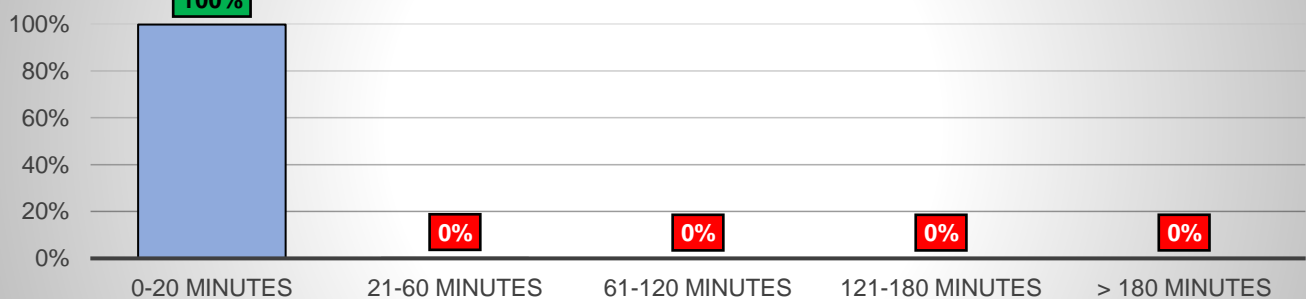
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



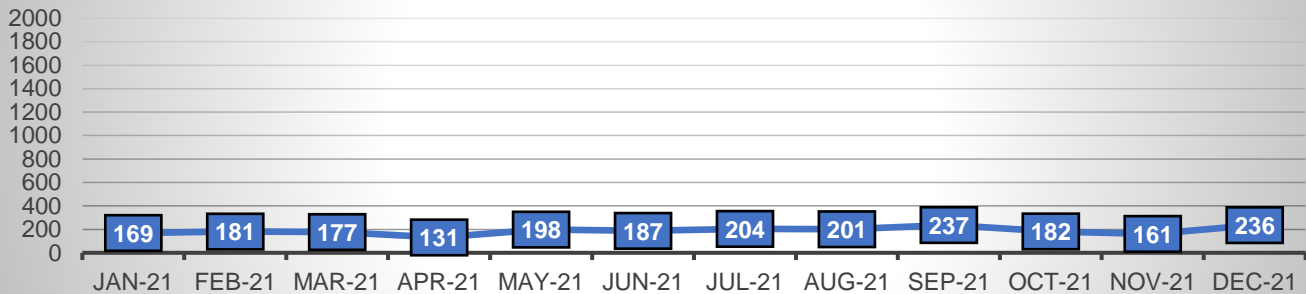
APOT 2 - Patient Offload Time Interval Percentages



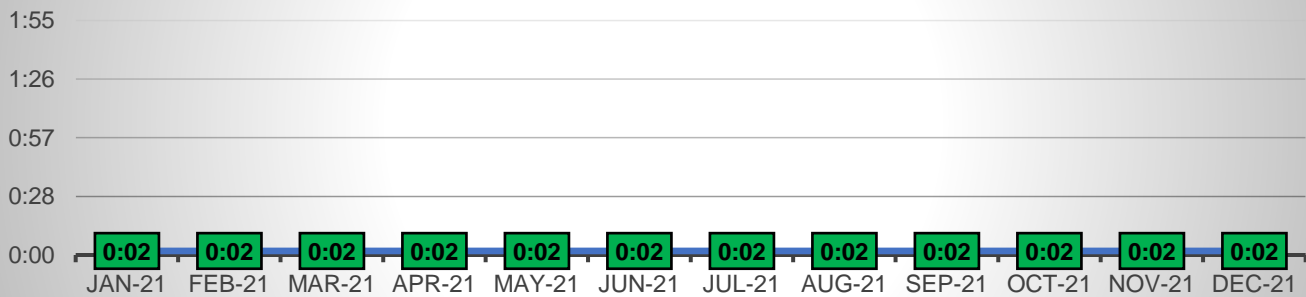


Fairchild Medical Center APOT

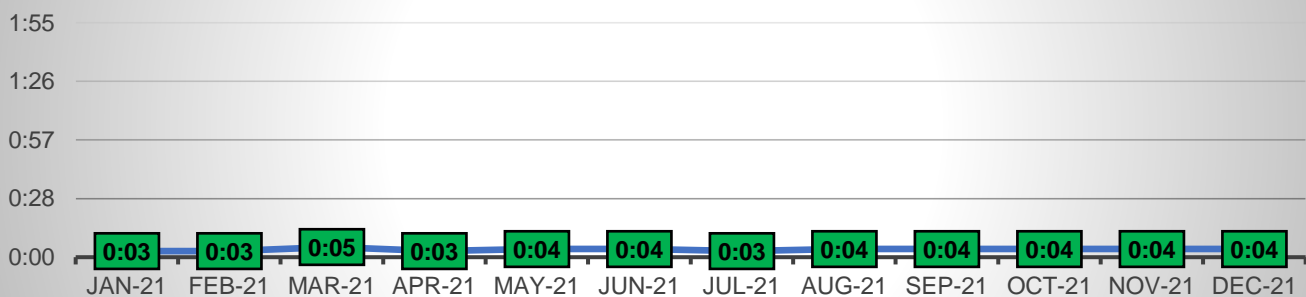
911 Transport Patient Count



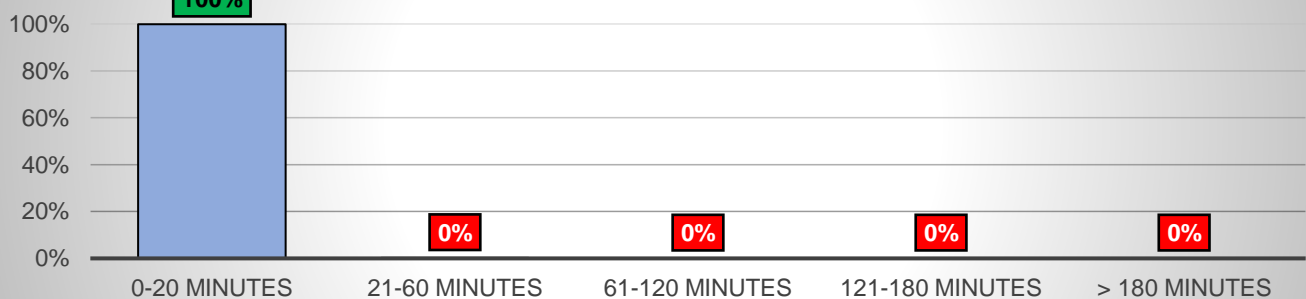
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



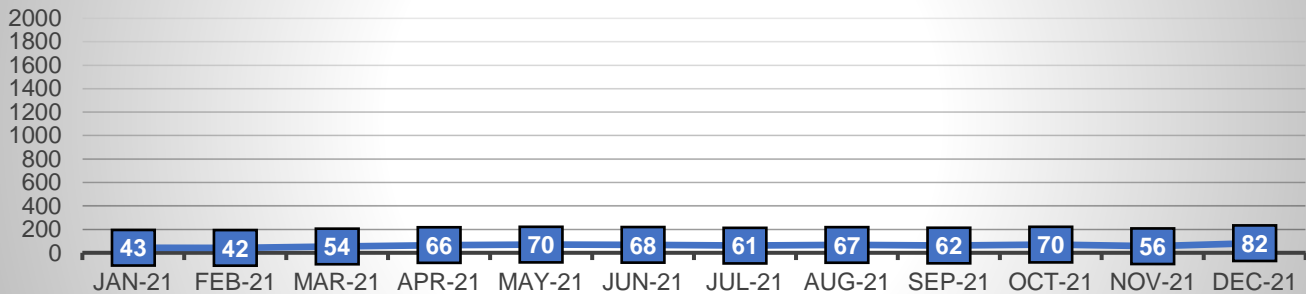
APOT 2 - Patient Offload Time Interval Percentages



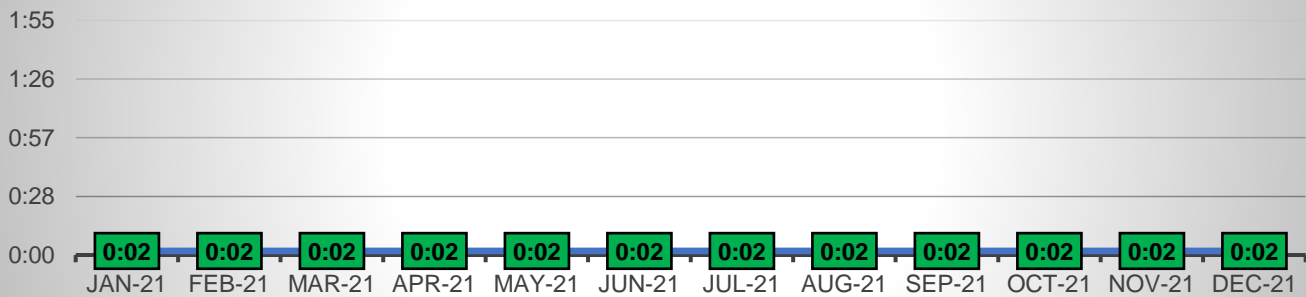


Glenn Medical Center APOT

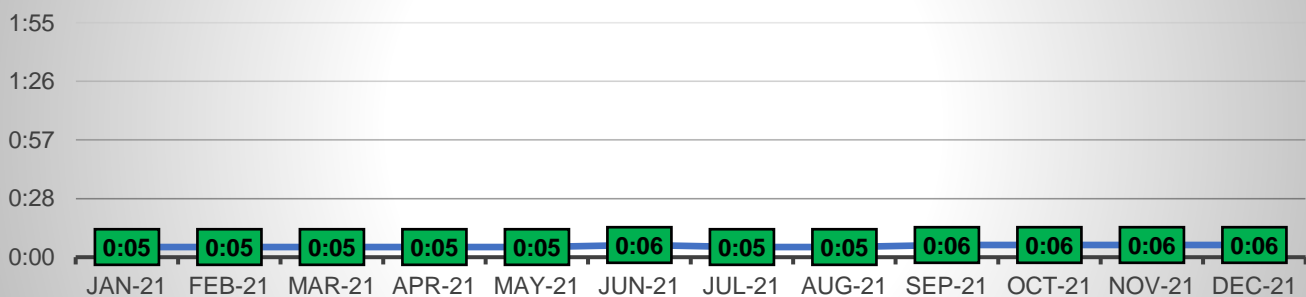
911 Transport Patient Count



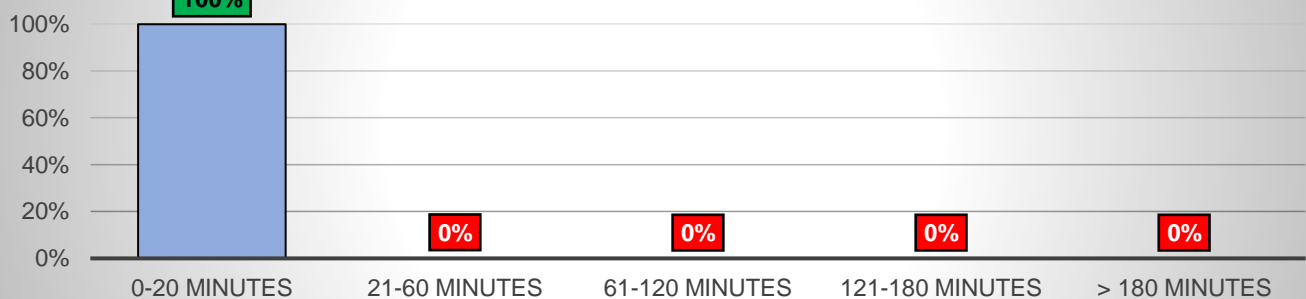
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



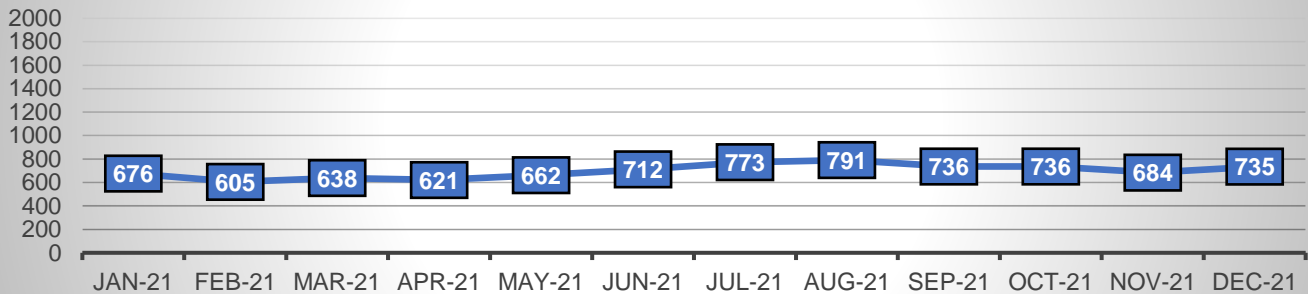
APOT 2 - Patient Offload Time Interval Percentages



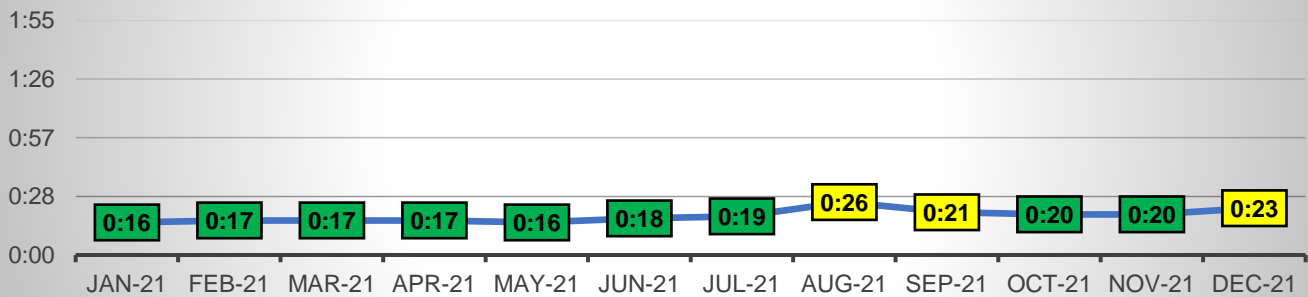


Kaiser Roseville Medical Center APOT

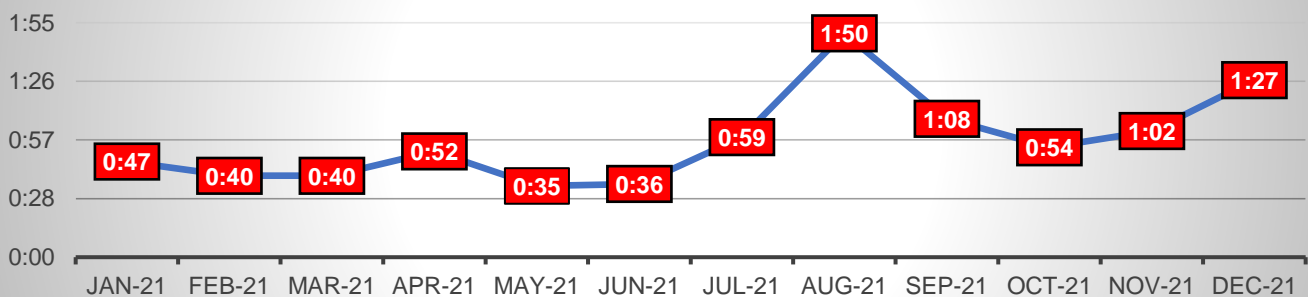
911 Transport Patient Count



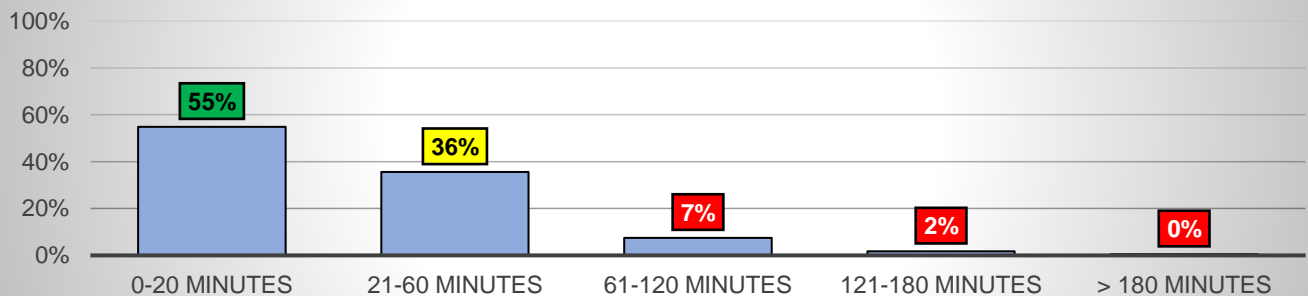
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



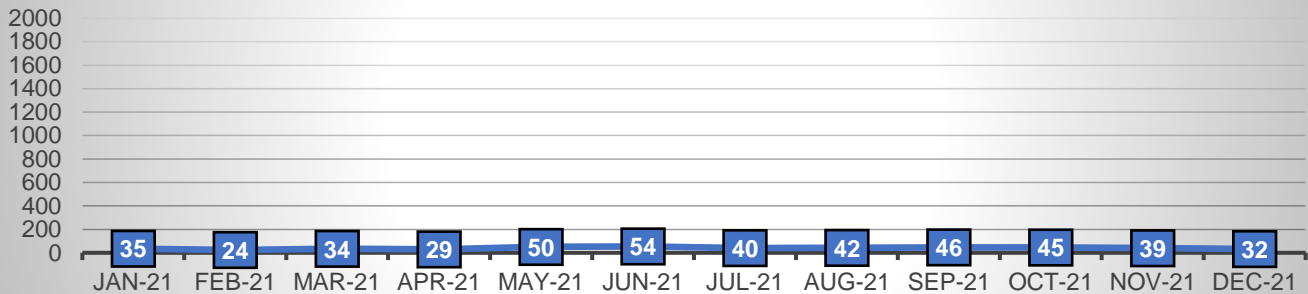
APOT 2 - Patient Offload Time Interval Percentages



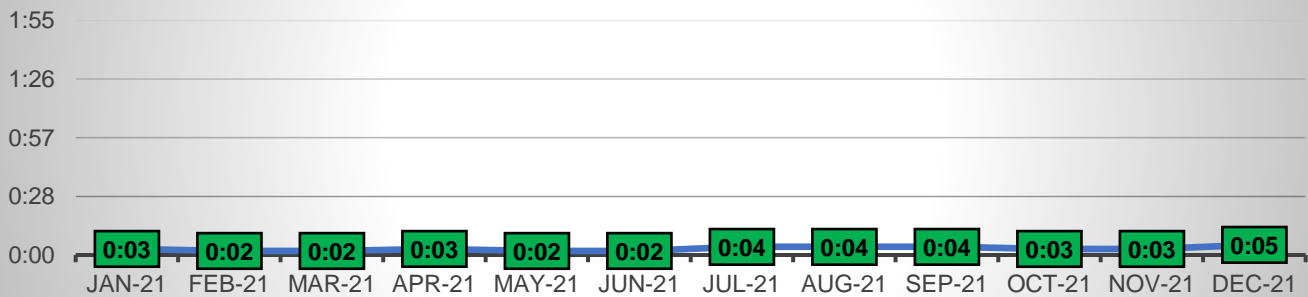


Mayers Memorial Hospital APOT

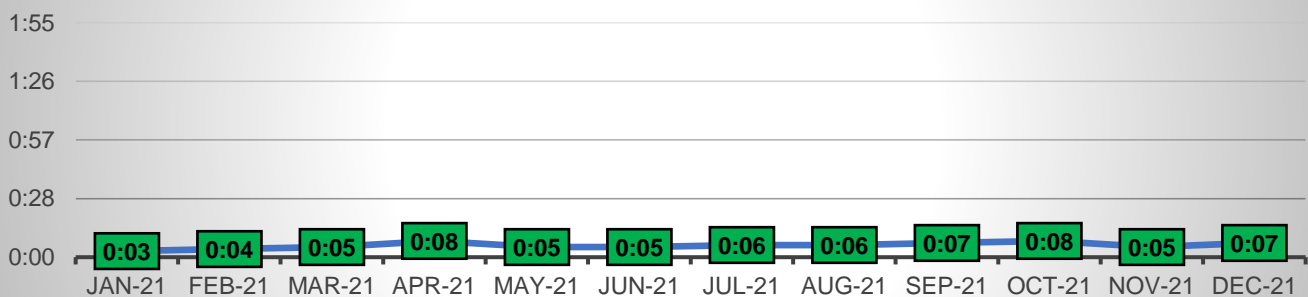
911 Transport Patient Count



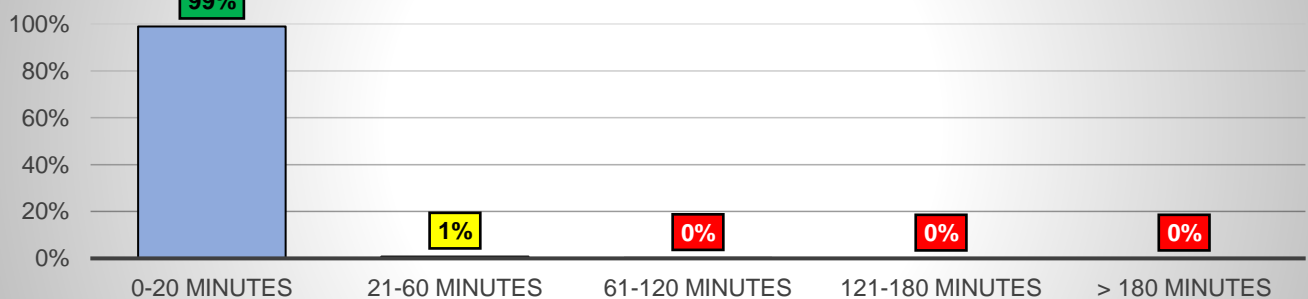
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



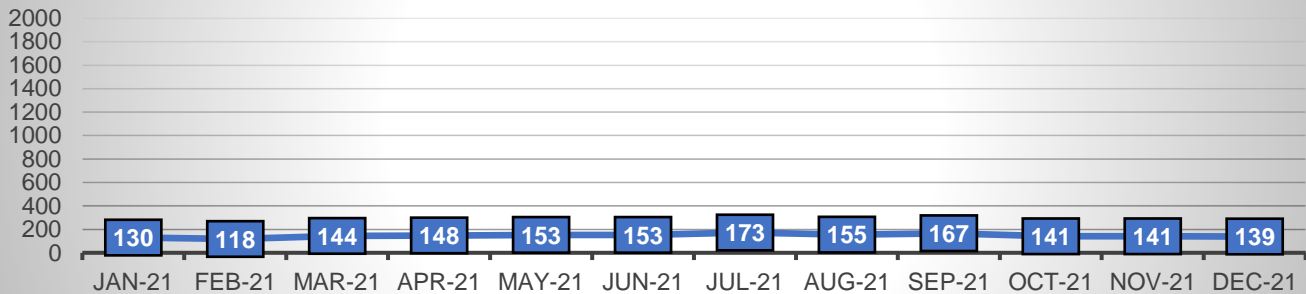
APOT 2 - Patient Offload Time Interval Percentages



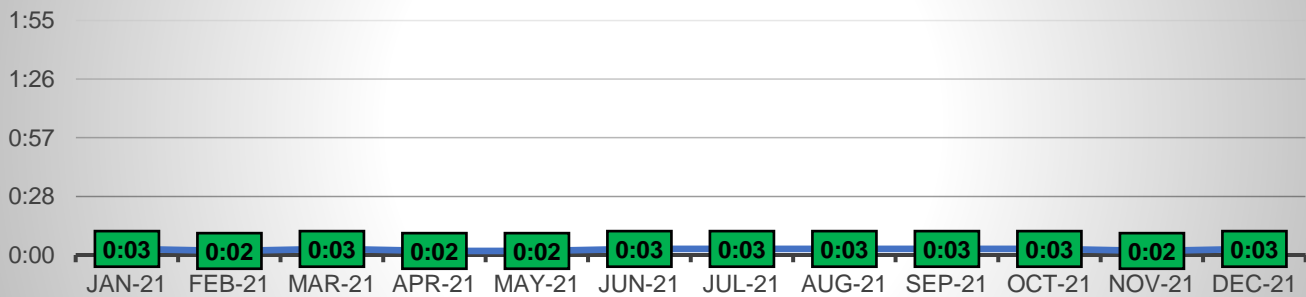


Mercy Mt. Shasta Medical Center APOT

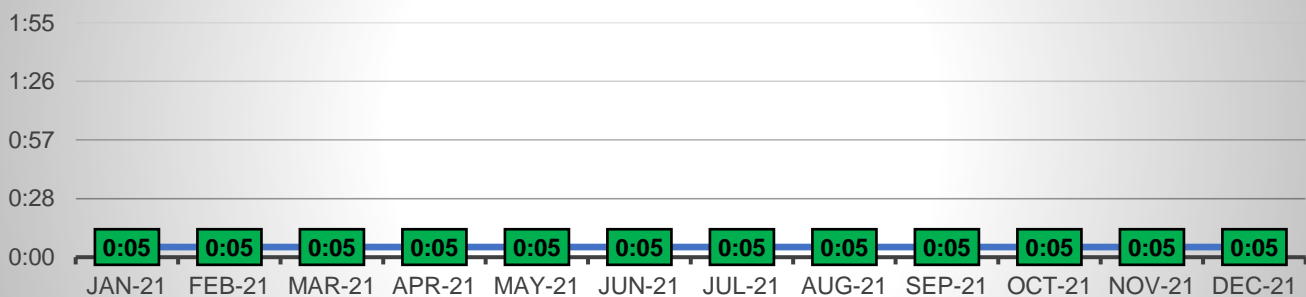
911 Transport Patient Count



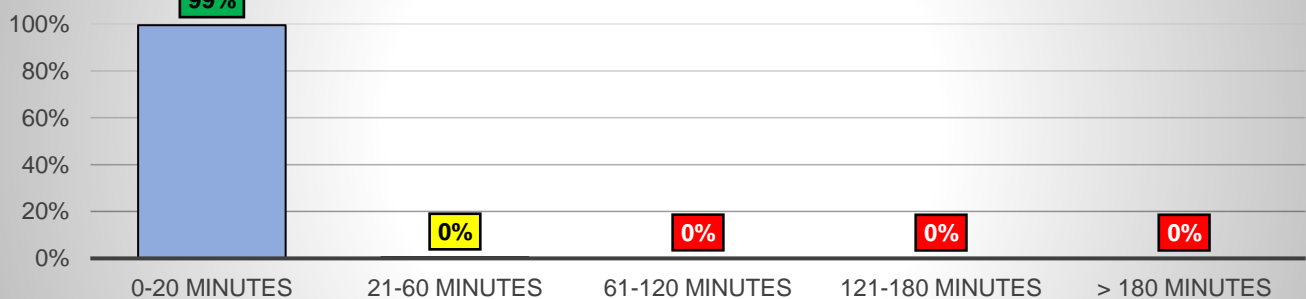
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



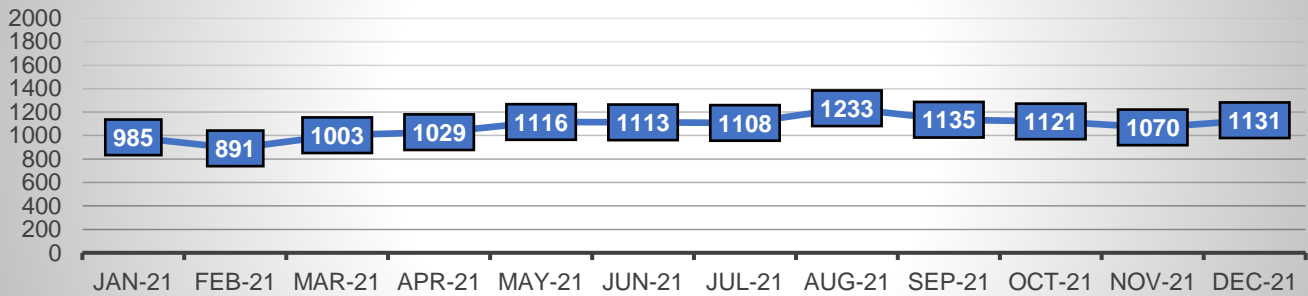
APOT 2 - Patient Offload Time Interval Percentages



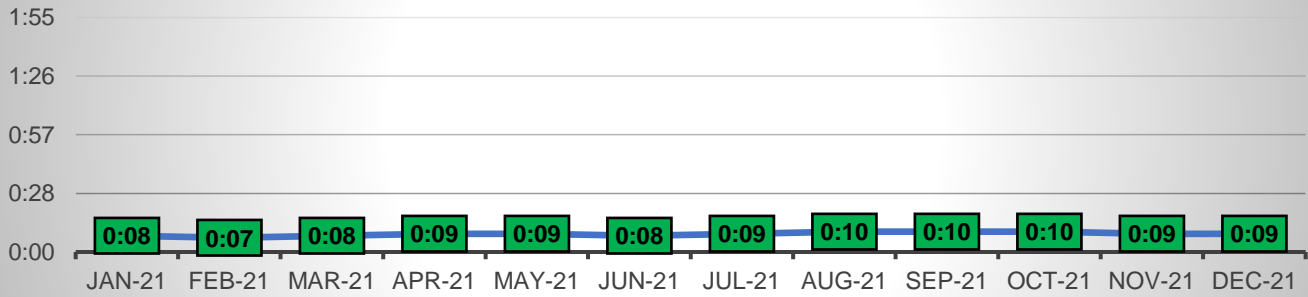


Mercy Medical Center Redding APOT

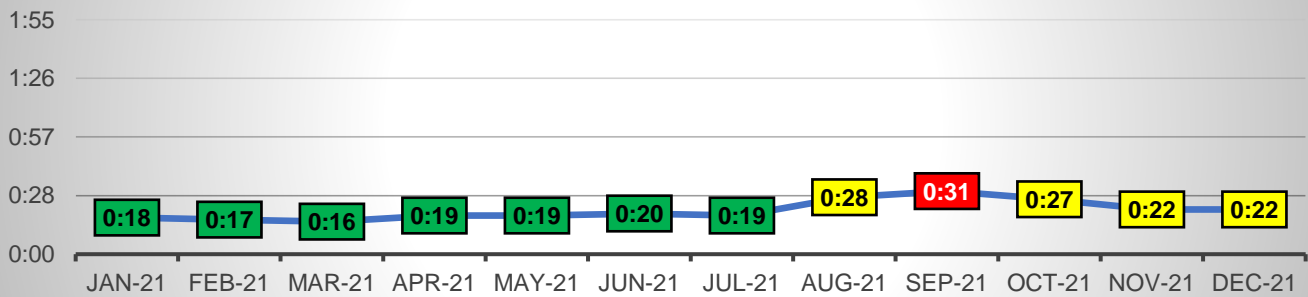
911 Transport Patient Count



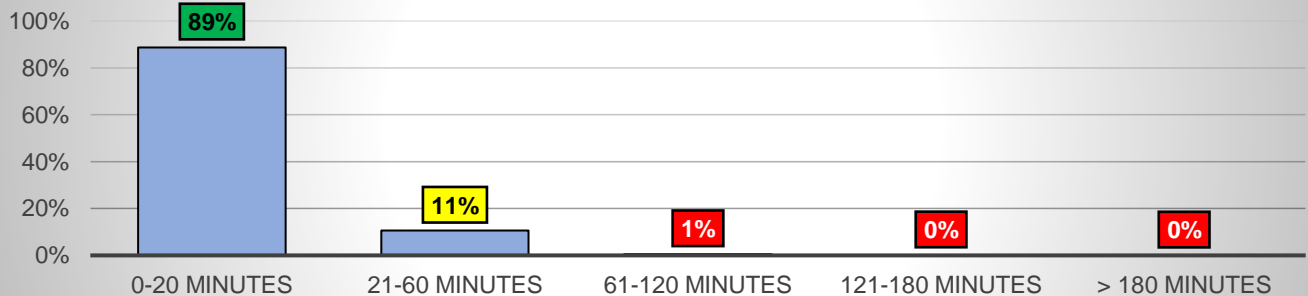
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



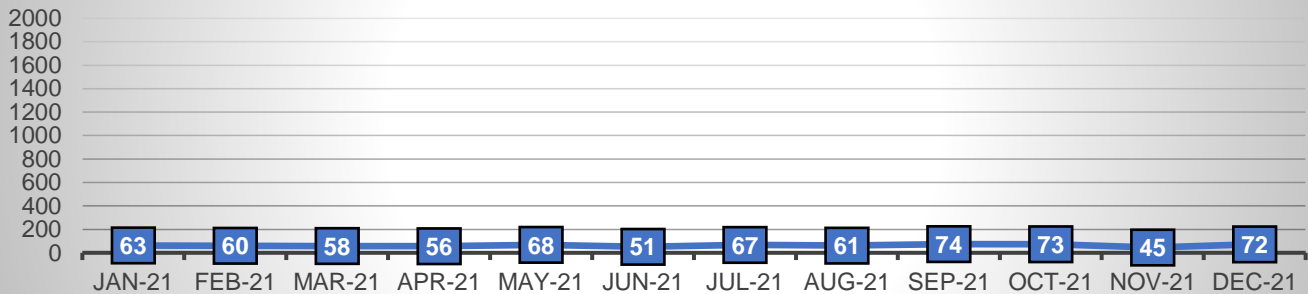
APOT 2 - Patient Offload Time Interval Percentages



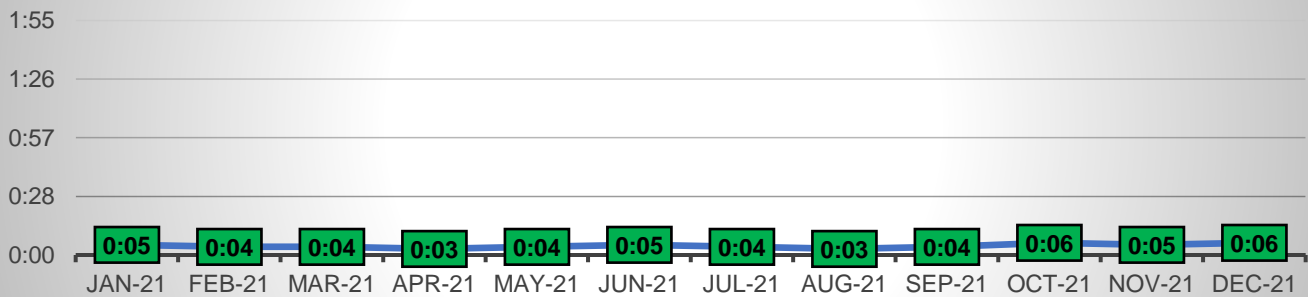


Orchard Hospital APOT

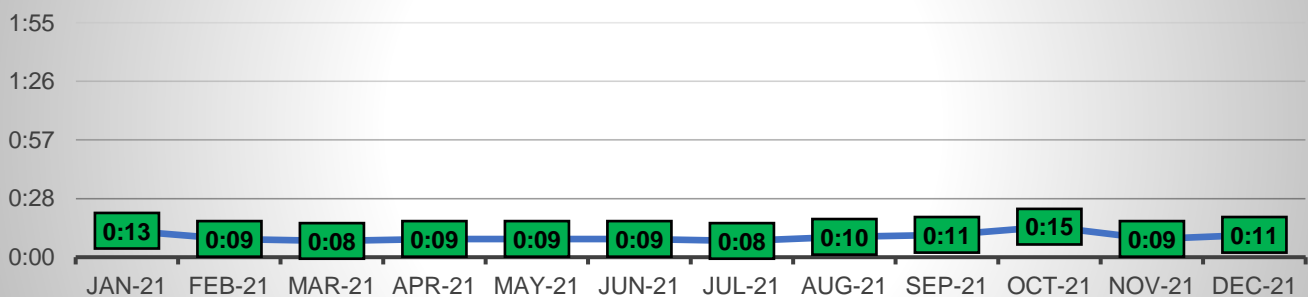
911 Transport Patient Count



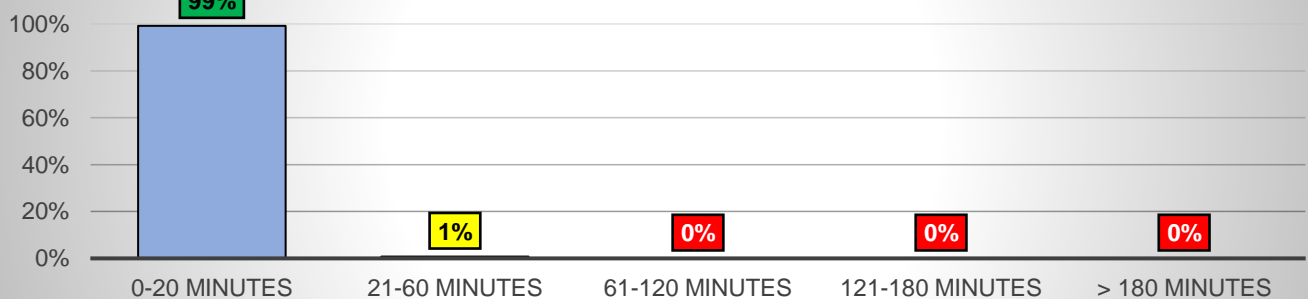
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)

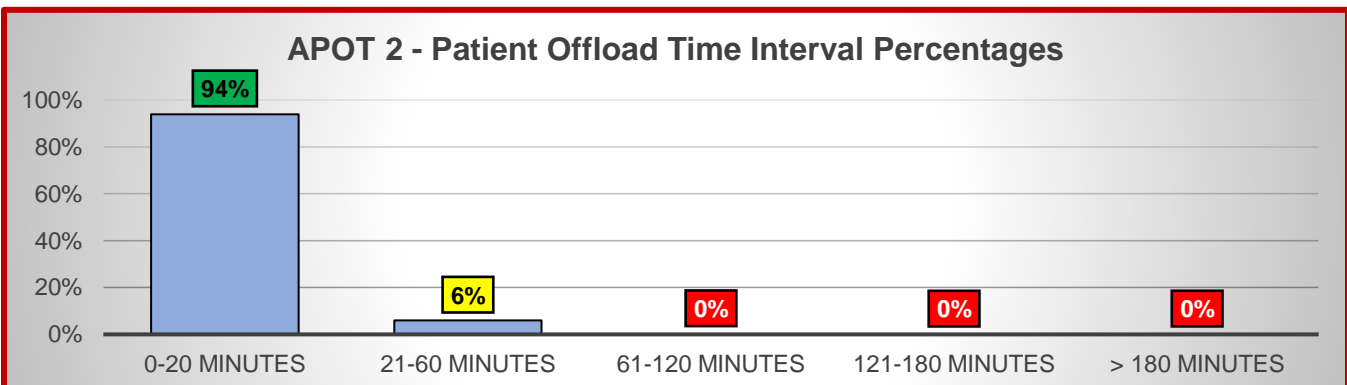
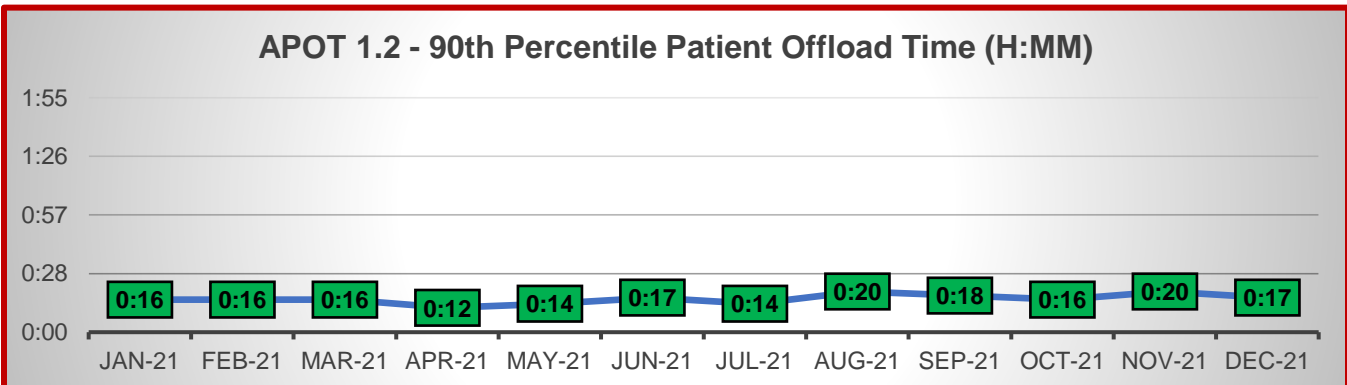
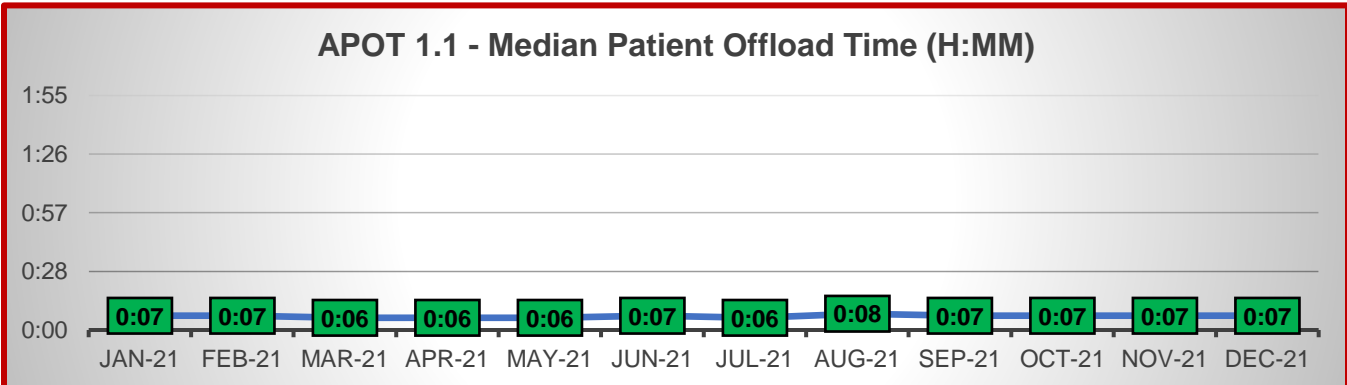
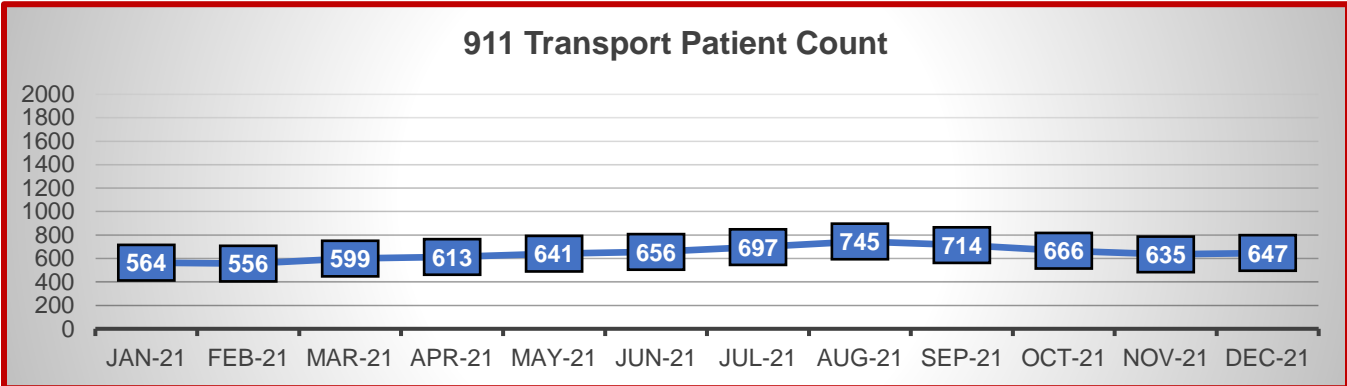


APOT 2 - Patient Offload Time Interval Percentages





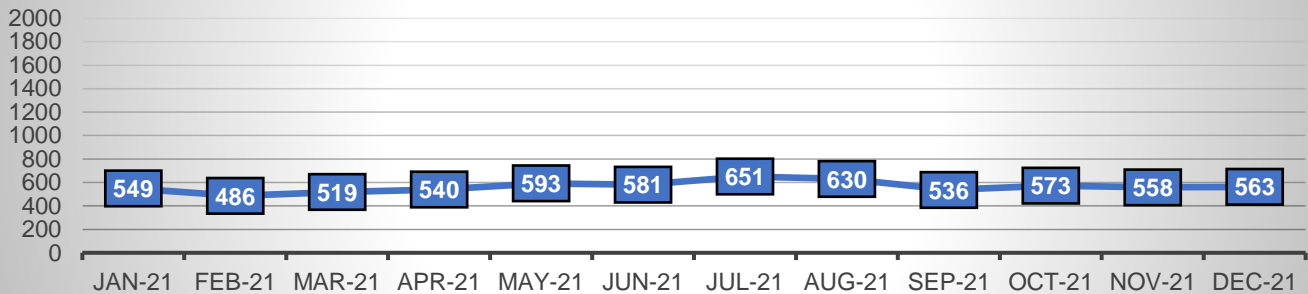
Oroville Hospital APOT



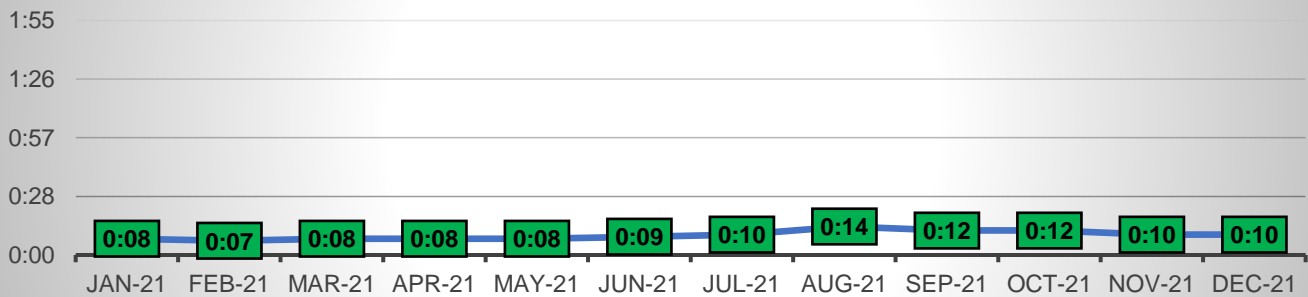


Shasta Regional Medical Center APOT

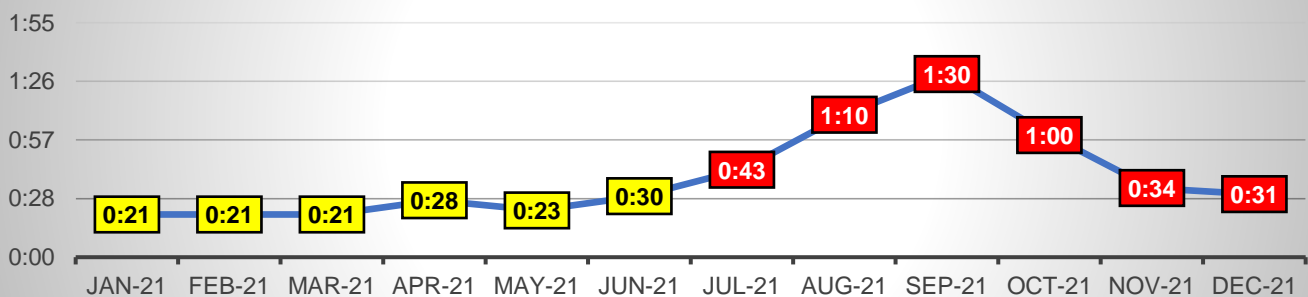
911 Transport Patient Count



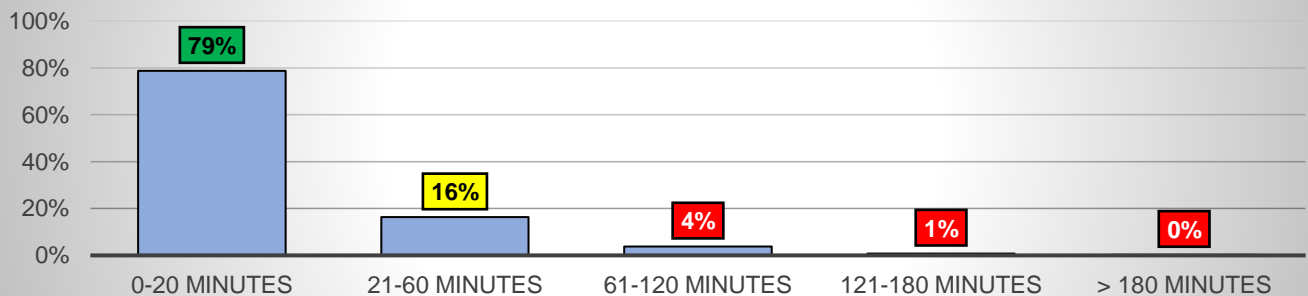
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



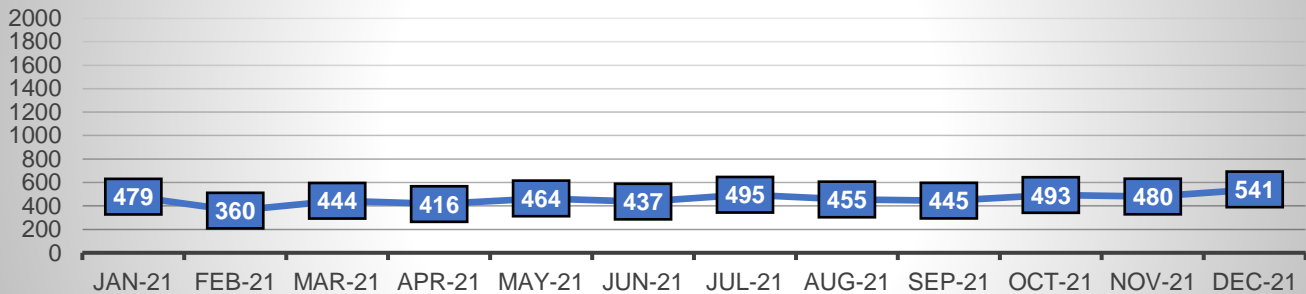
APOT 2 - Patient Offload Time Interval Percentages



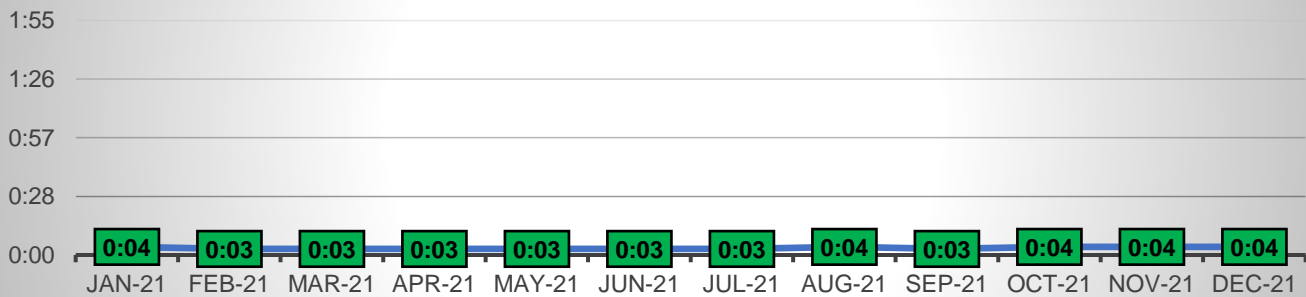


Sierra Nevada Memorial Hospital APOT

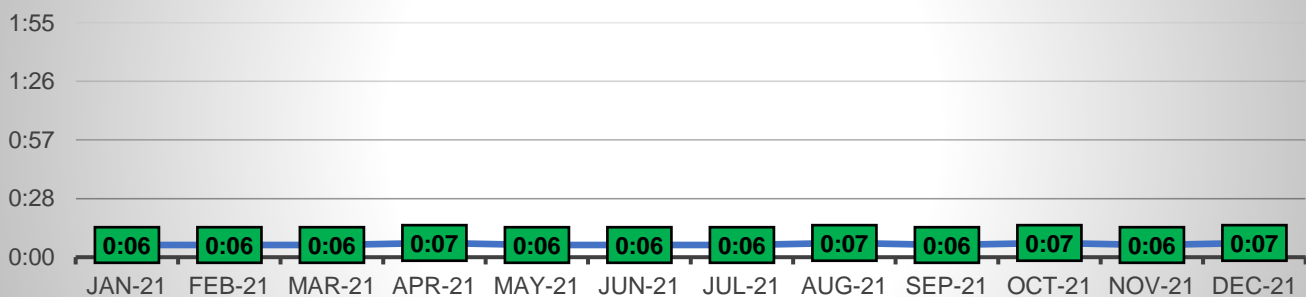
911 Transport Patient Count



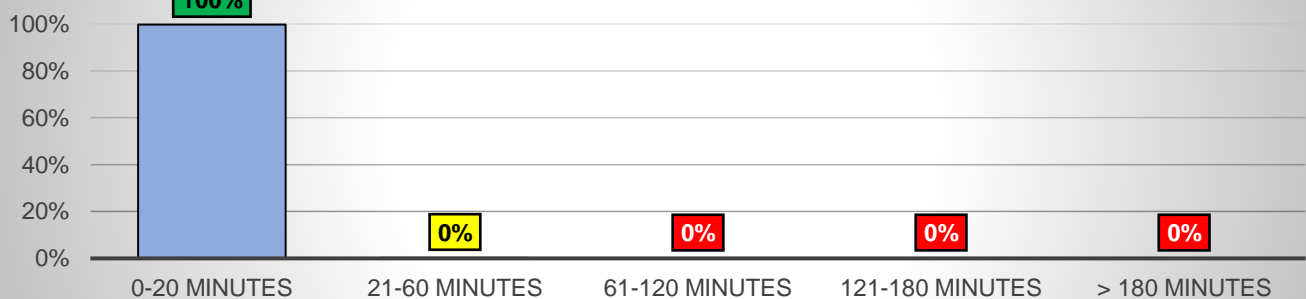
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



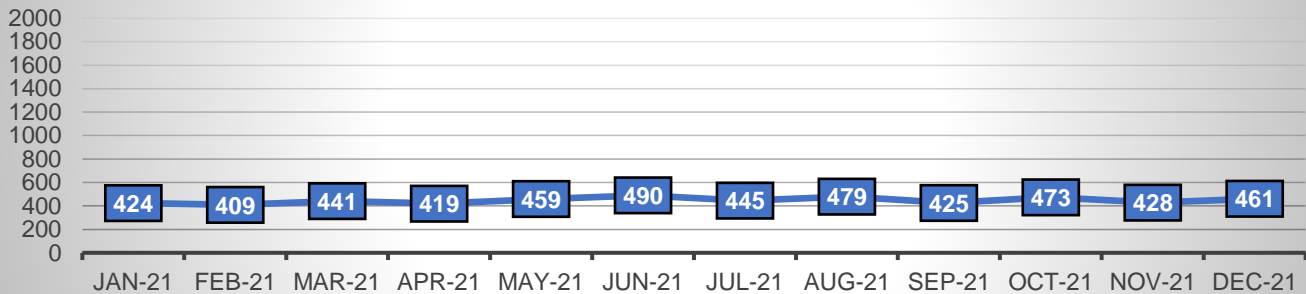
APOT 2 - Patient Offload Time Interval Percentages



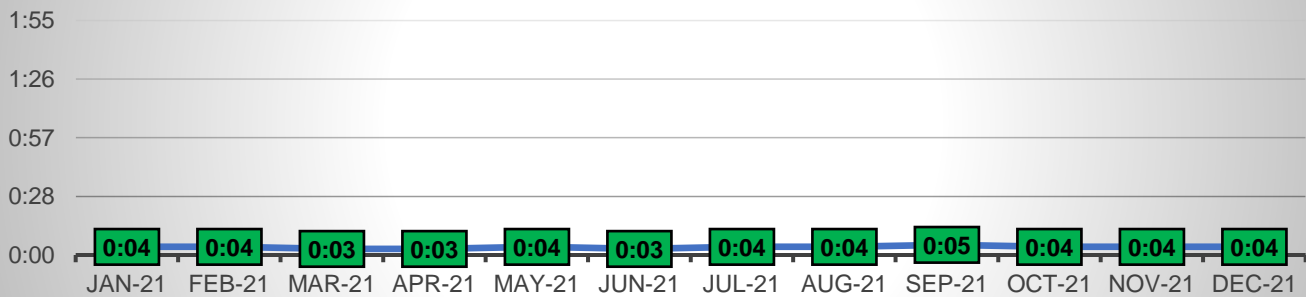


St. Elizabeth Hospital APOT

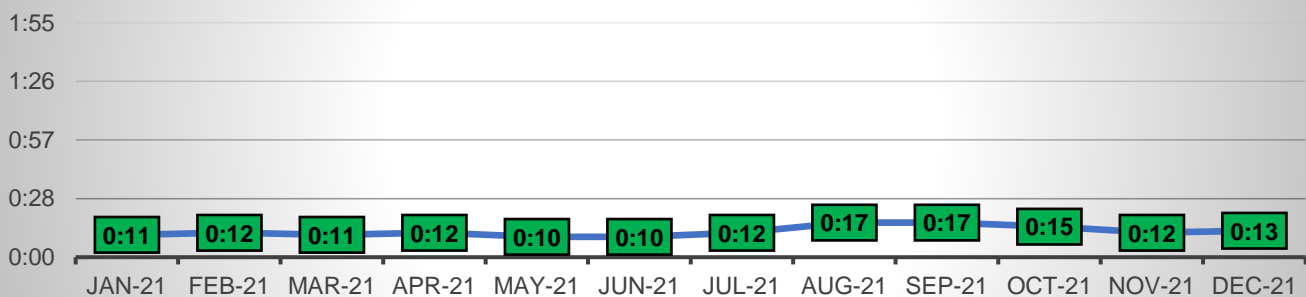
911 Transport Patient Count



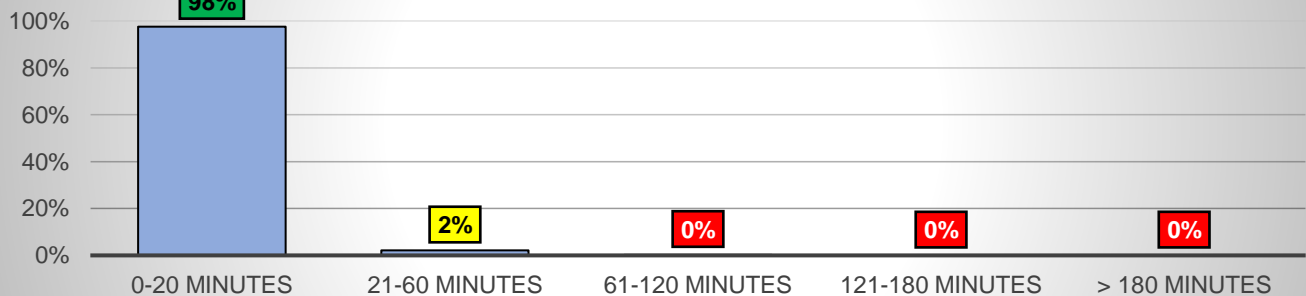
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



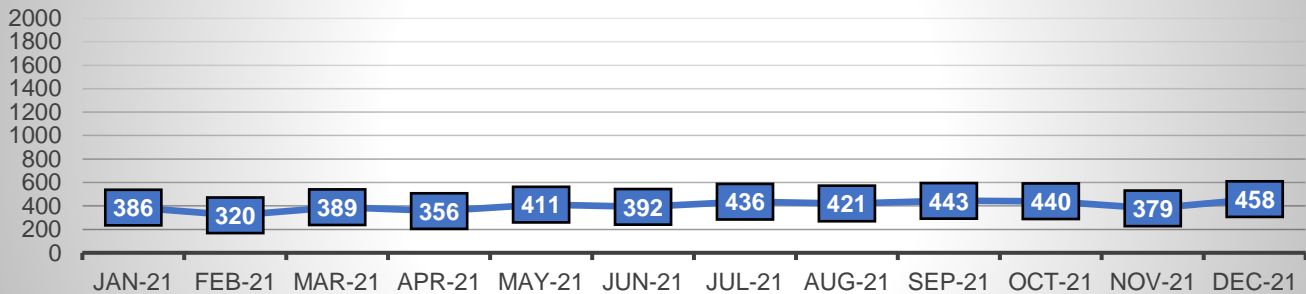
APOT 2 - Patient Offload Time Interval Percentages



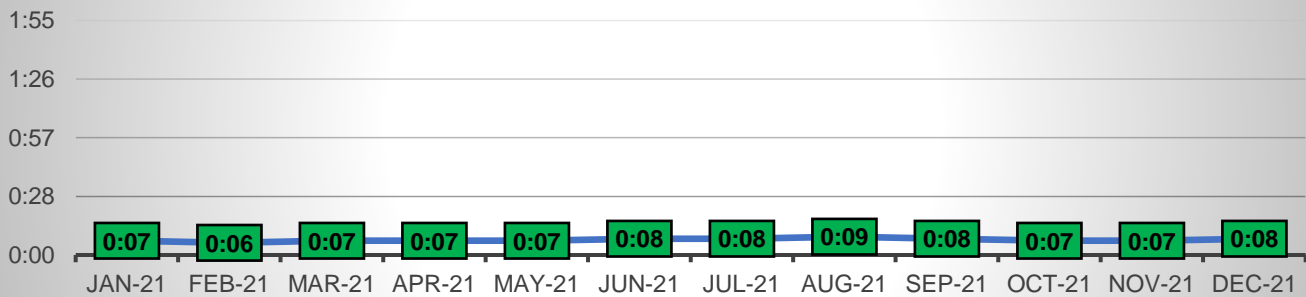


Sutter Auburn Faith Hospital APOT

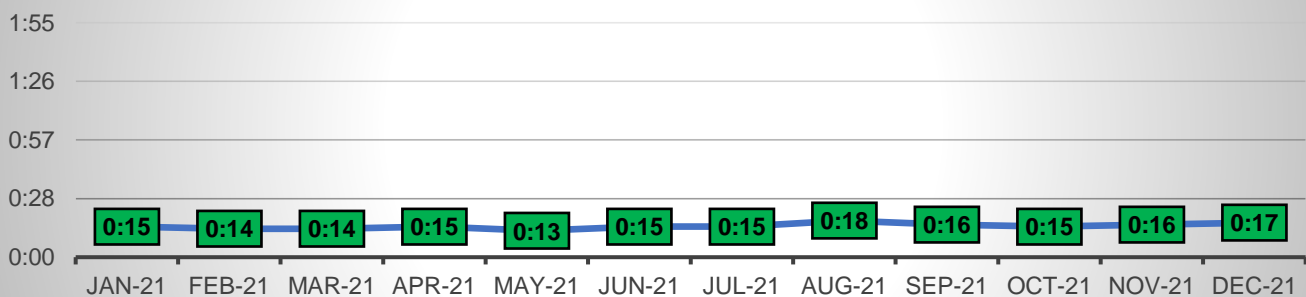
911 Transport Patient Count



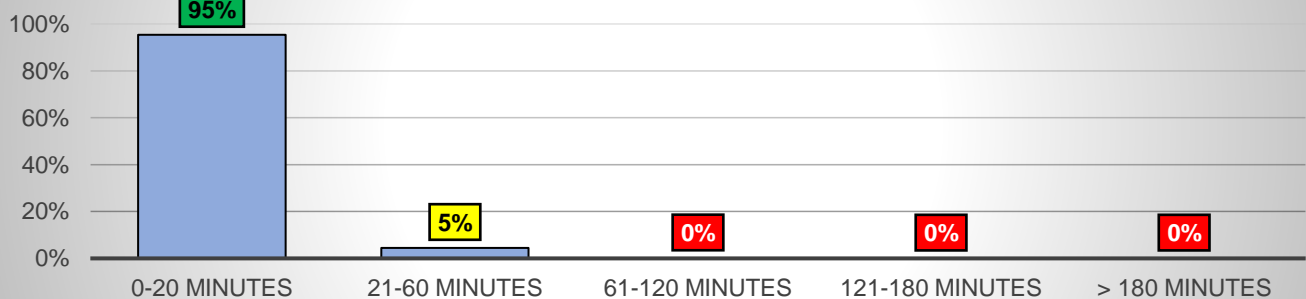
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



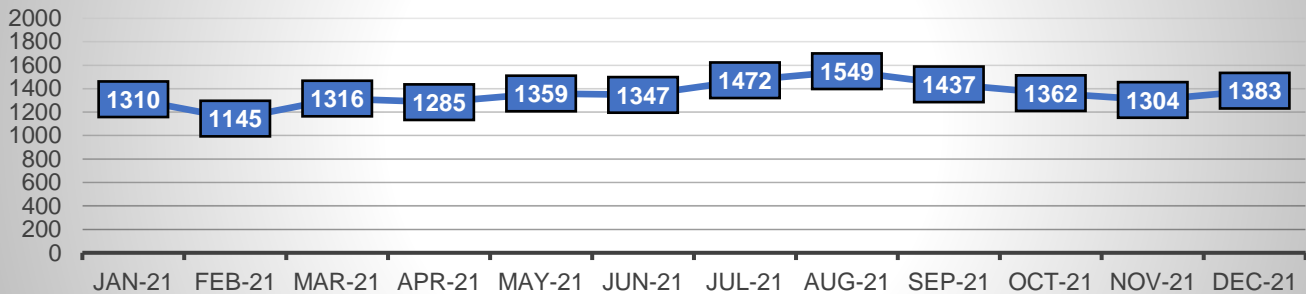
APOT 2 - Patient Offload Time Interval Percentages



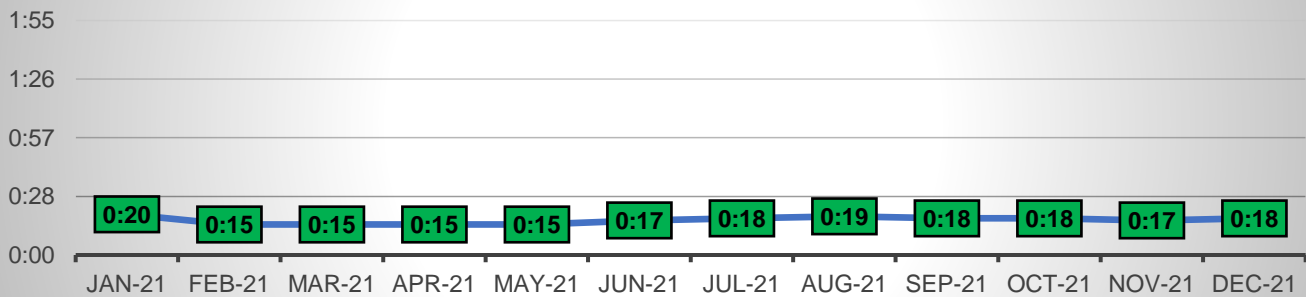


Sutter Roseville Medical Center APOT

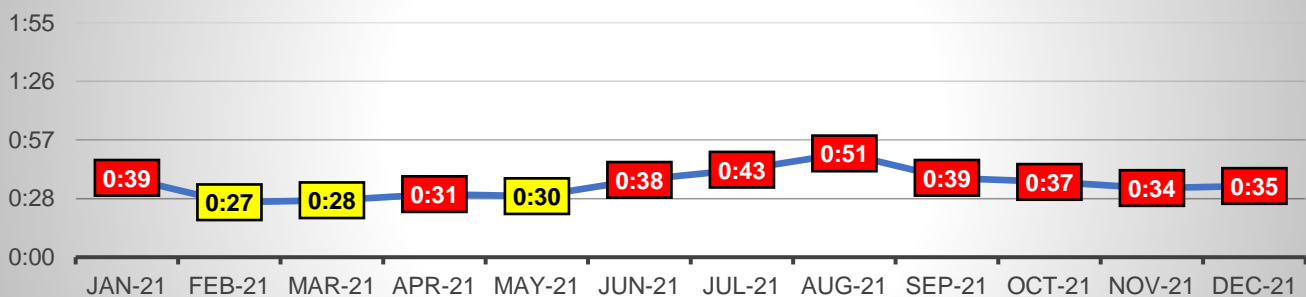
911 Transport Patient Count



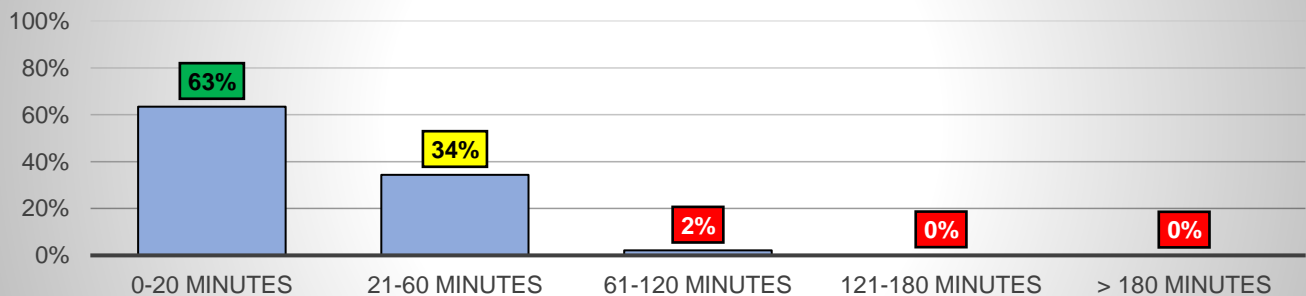
APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



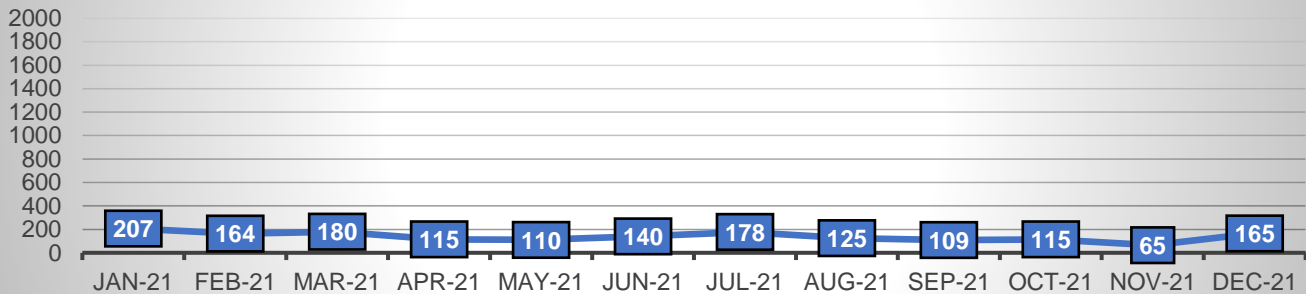
APOT 2 - Patient Offload Time Interval Percentages



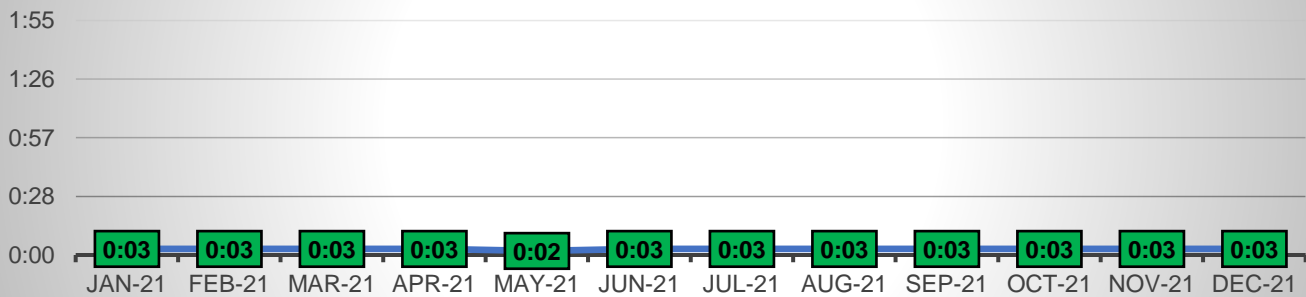


Tahoe Forest Hospital APOT

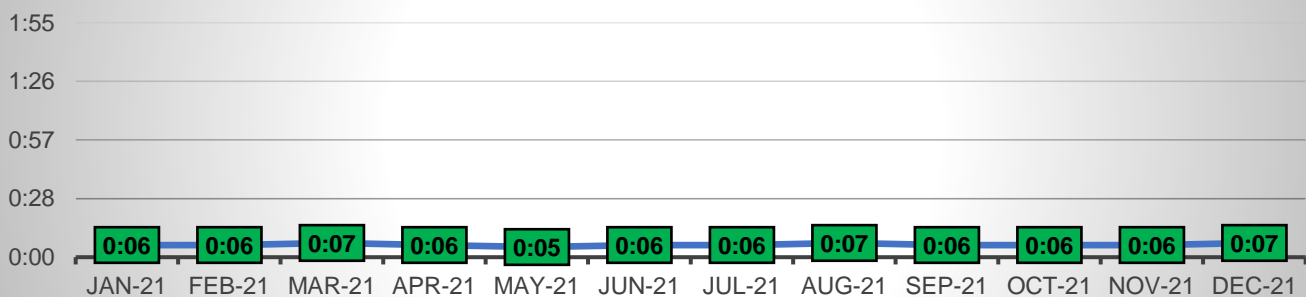
911 Transport Patient Count



APOT 1.1 - Median Patient Offload Time (H:MM)



APOT 1.2 - 90th Percentile Patient Offload Time (H:MM)



APOT 2 - Patient Offload Time Interval Percentages

