



# S-SV EMS AGENCY

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



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





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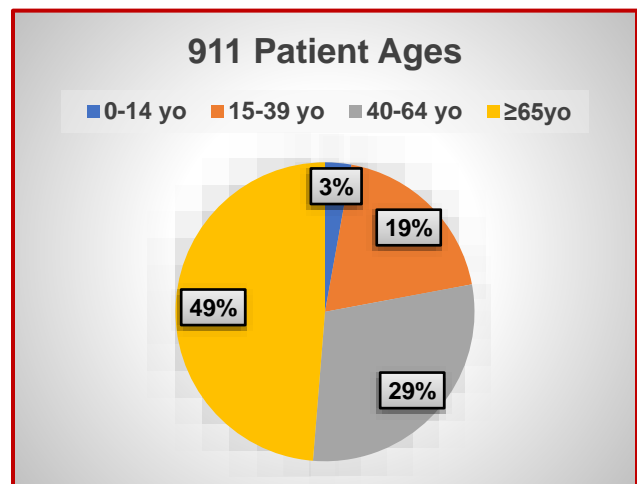
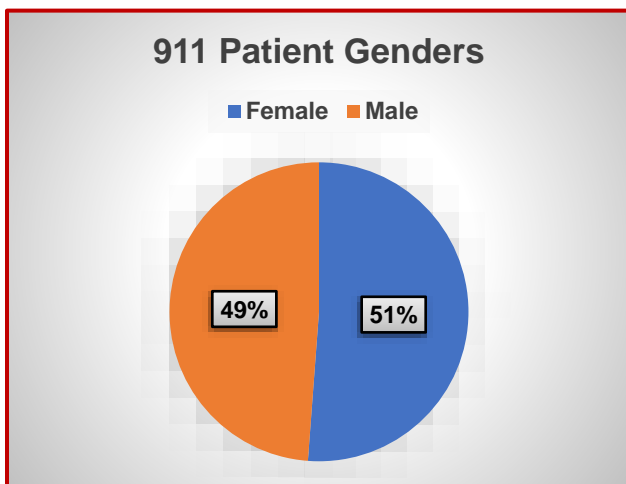
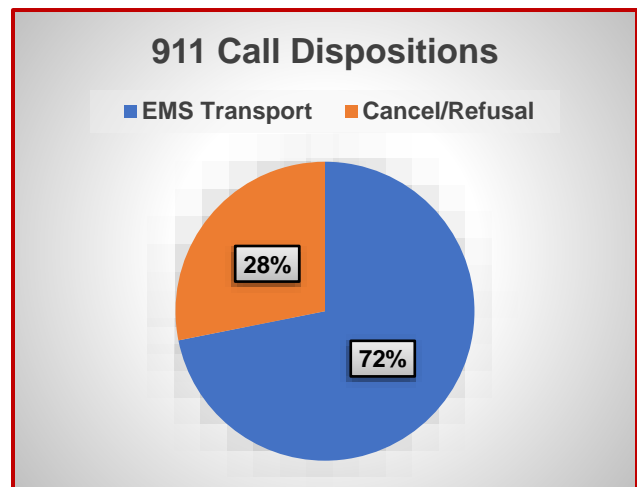
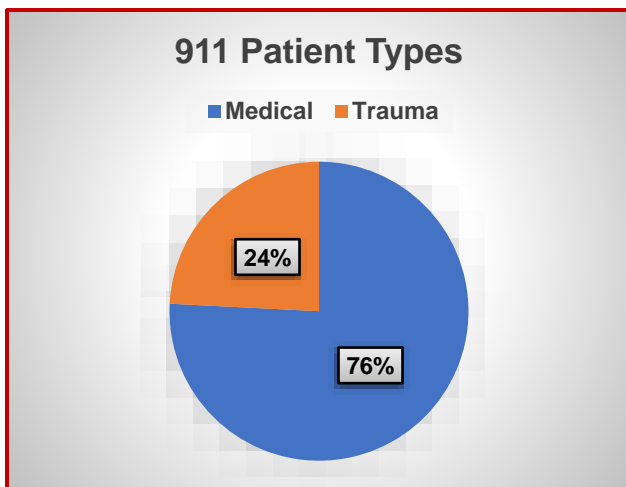
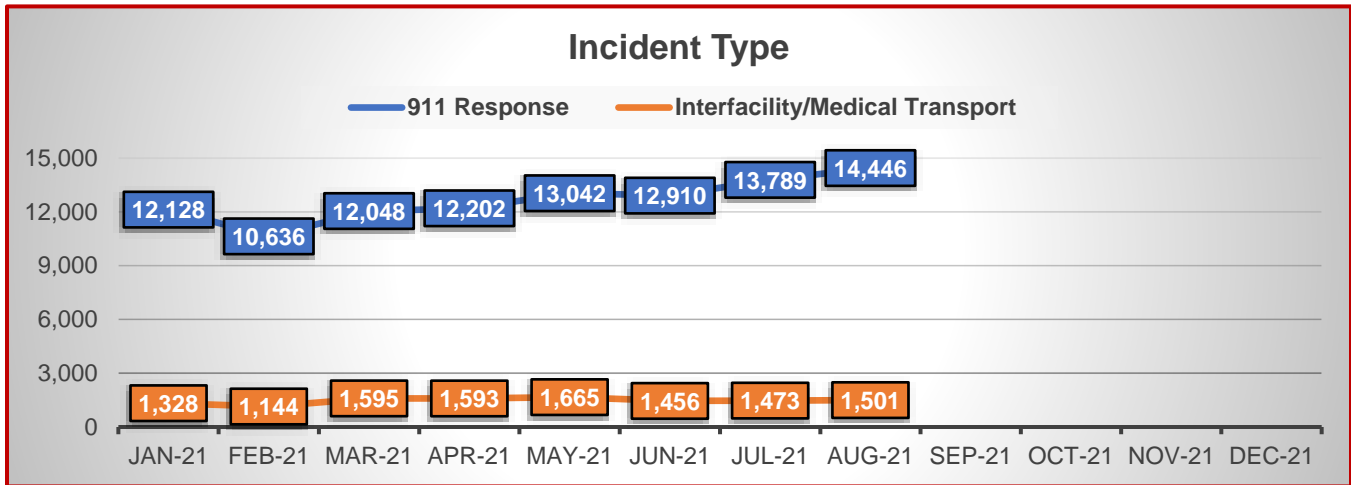


## S-SV EMS Agency 2021 Regional EMS System Data Report

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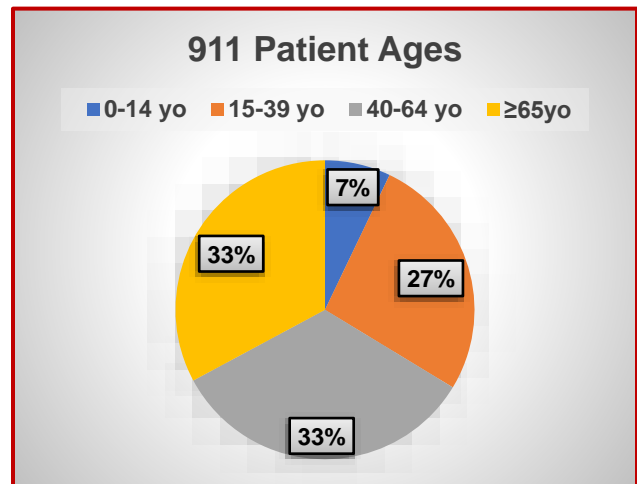
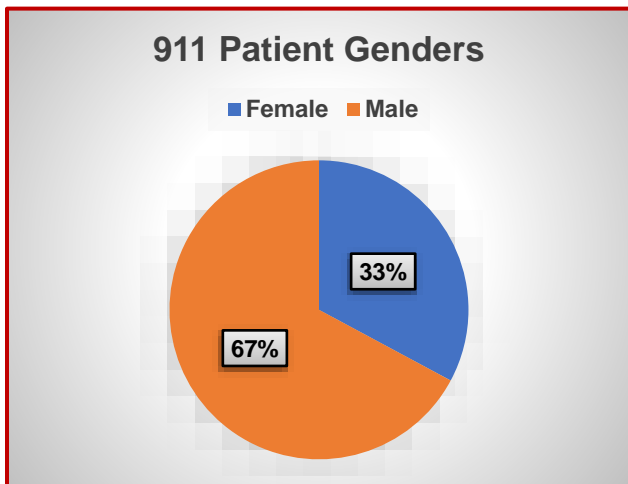
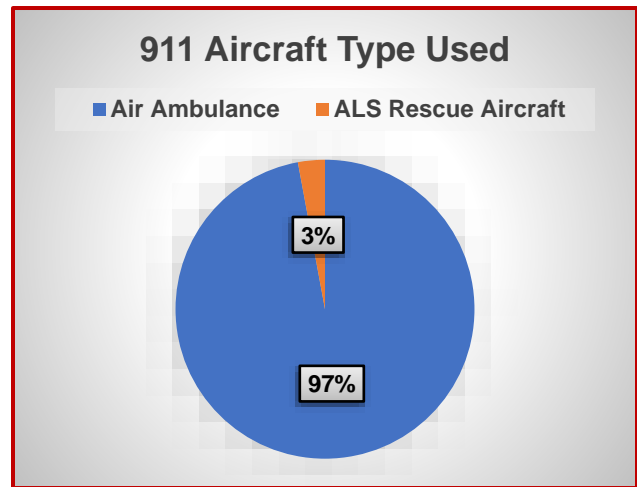
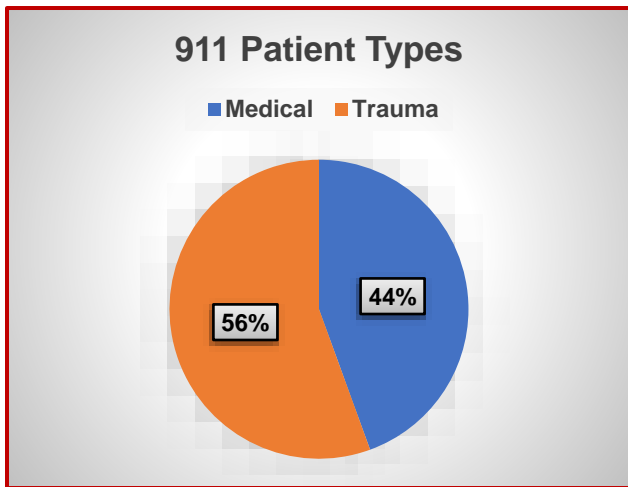
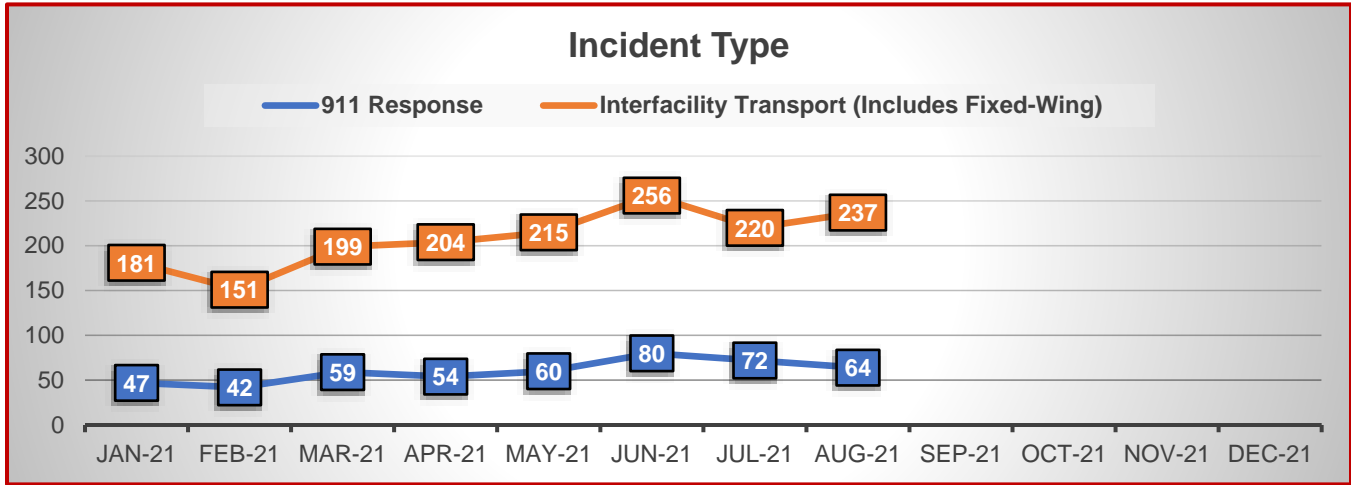


## Ground EMS Incident System Data



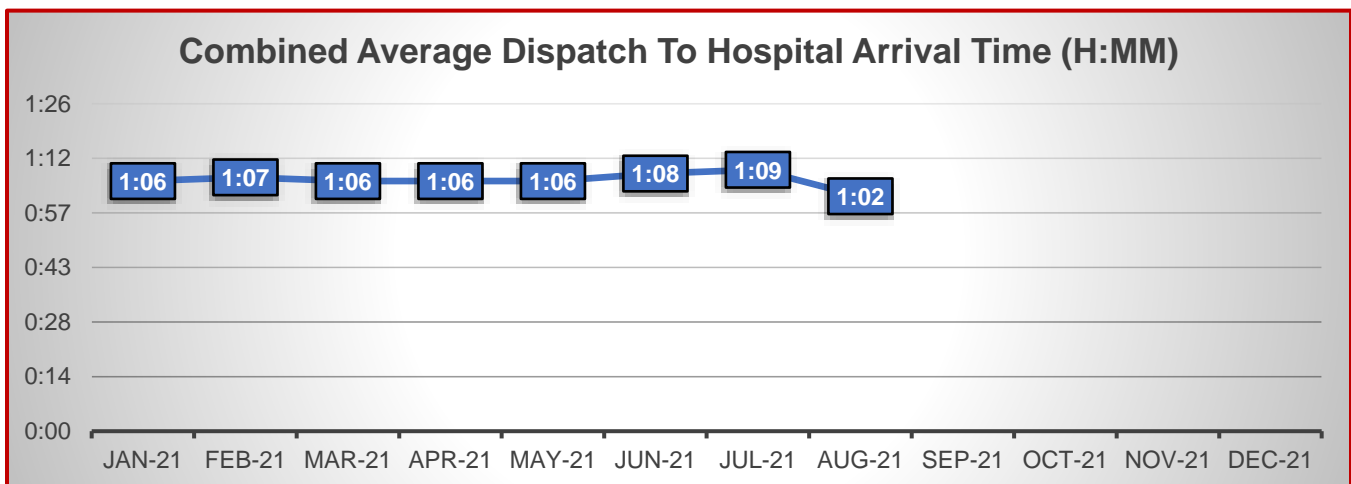
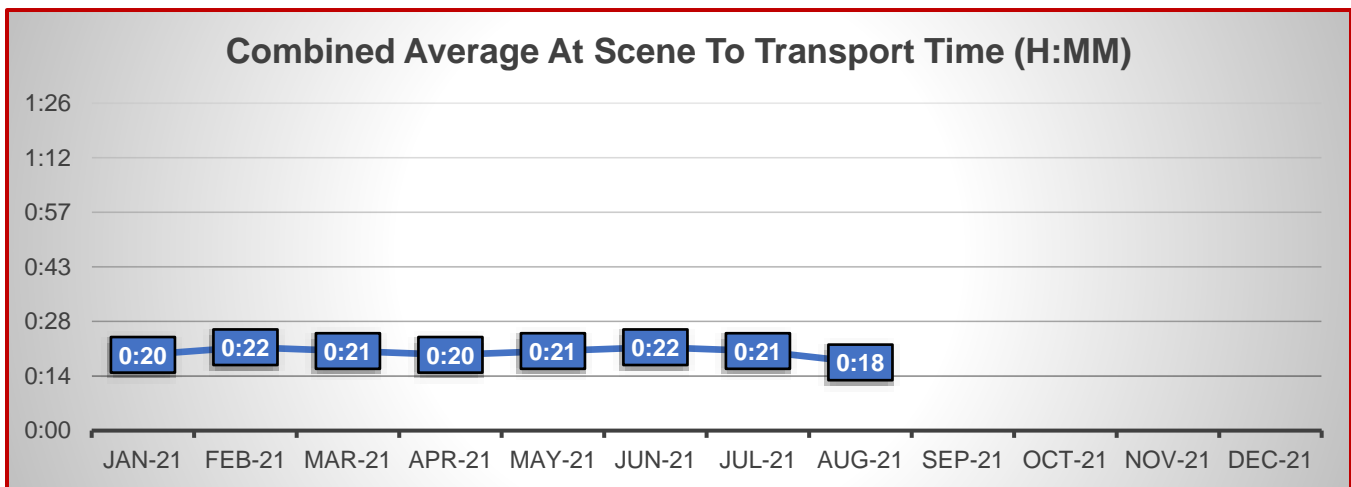
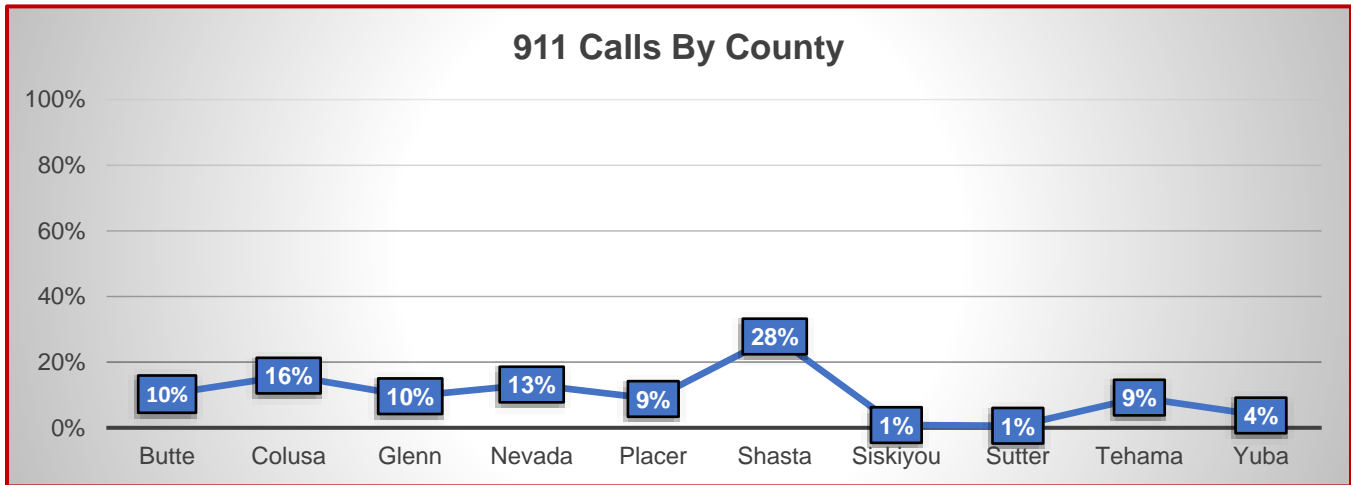


## EMS Aircraft Incident System Data





## EMS Aircraft Incident County & Times Data

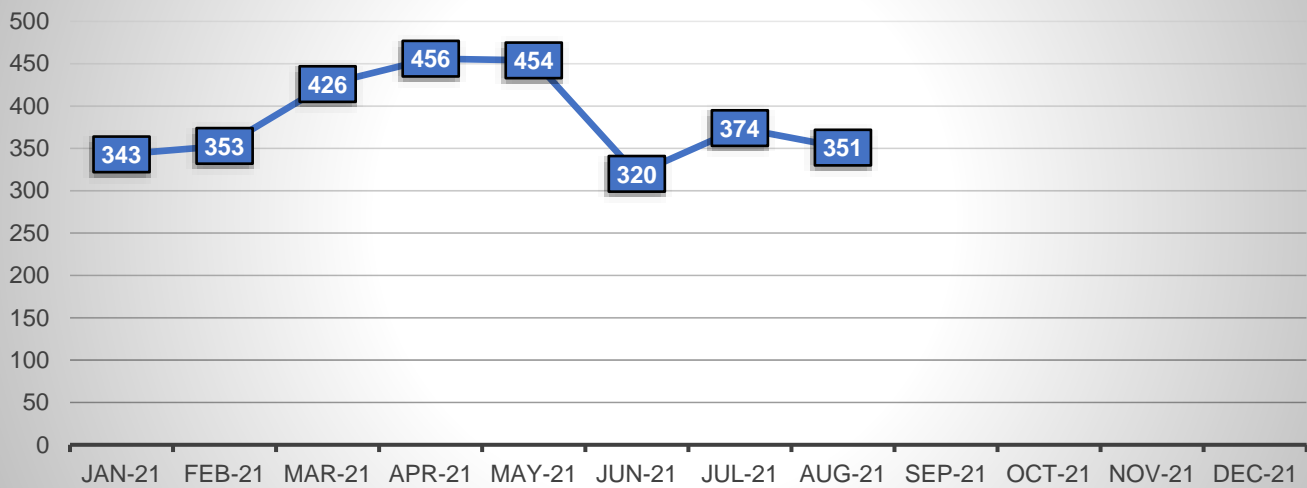




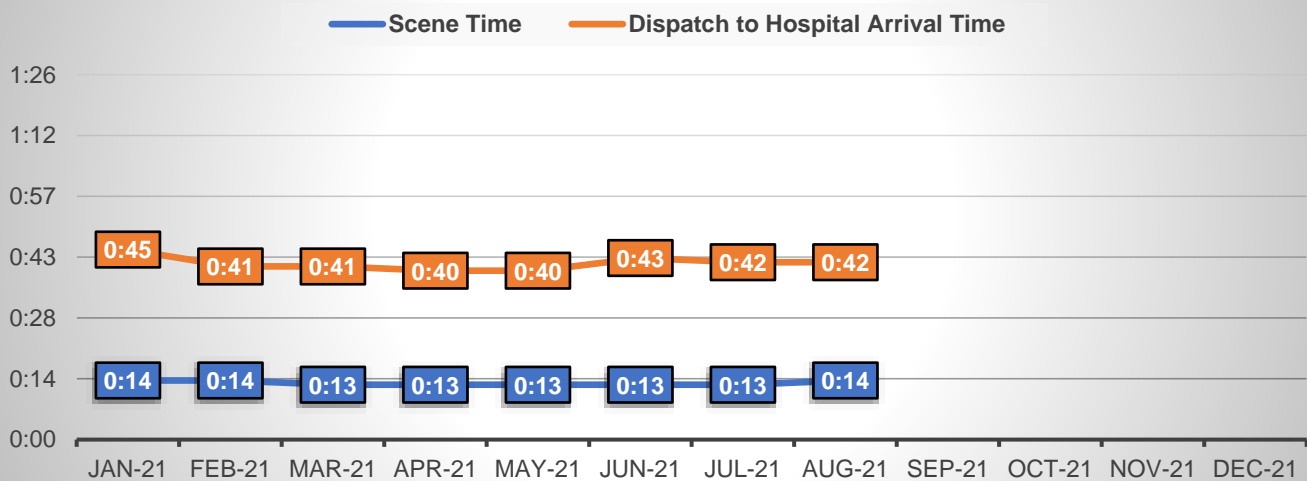
## EMS Trauma Patient Data



### 911 Trauma Triage Criteria Patient Count



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

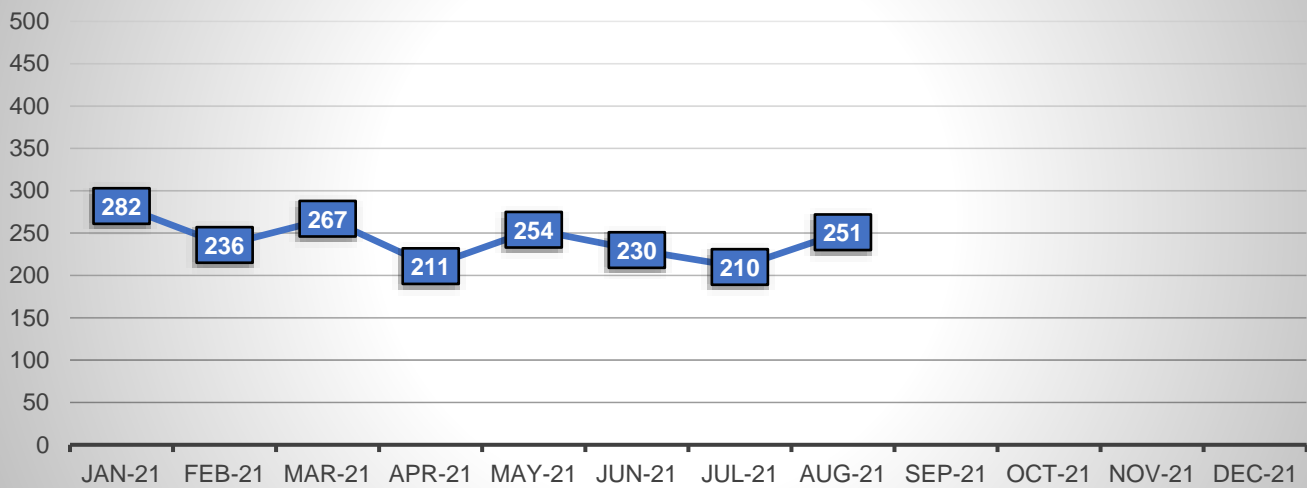




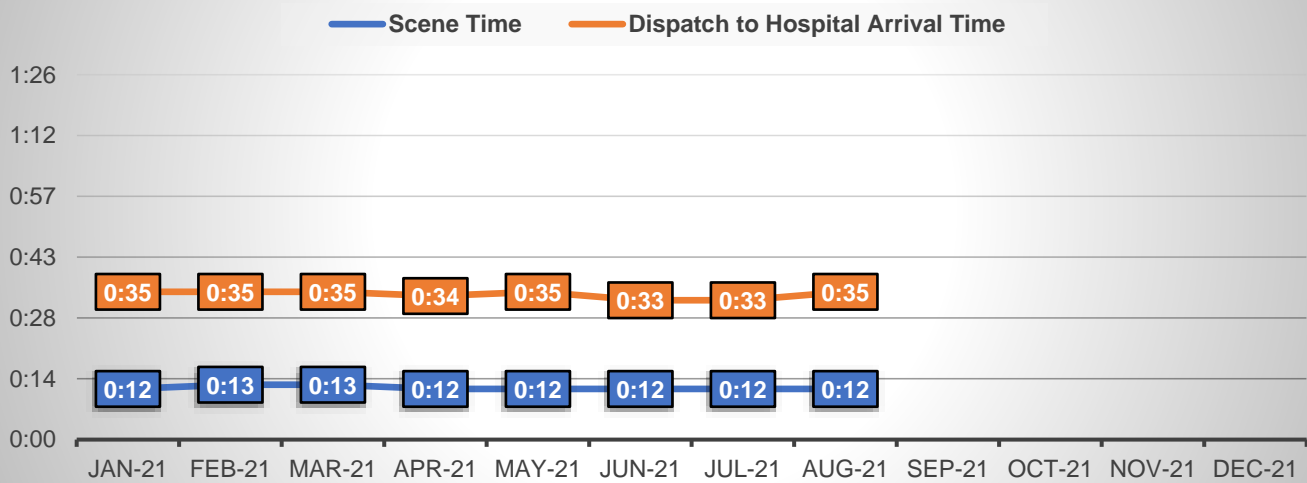
## EMS Stroke Patient Data



### 911 Stroke Patient Count



### 911 Stroke Patient Average EMS Times (H:MM)



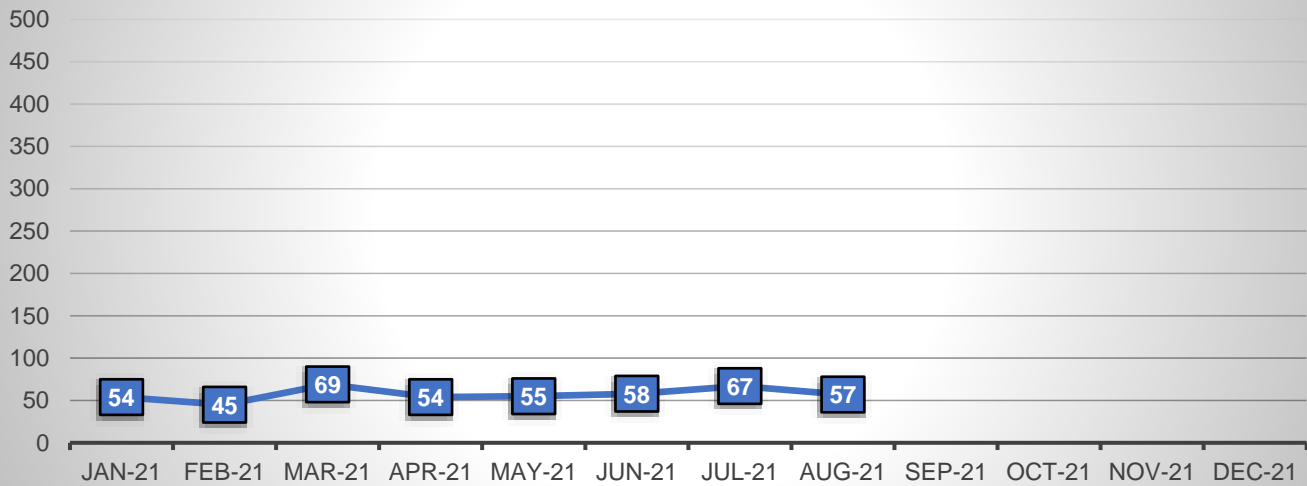




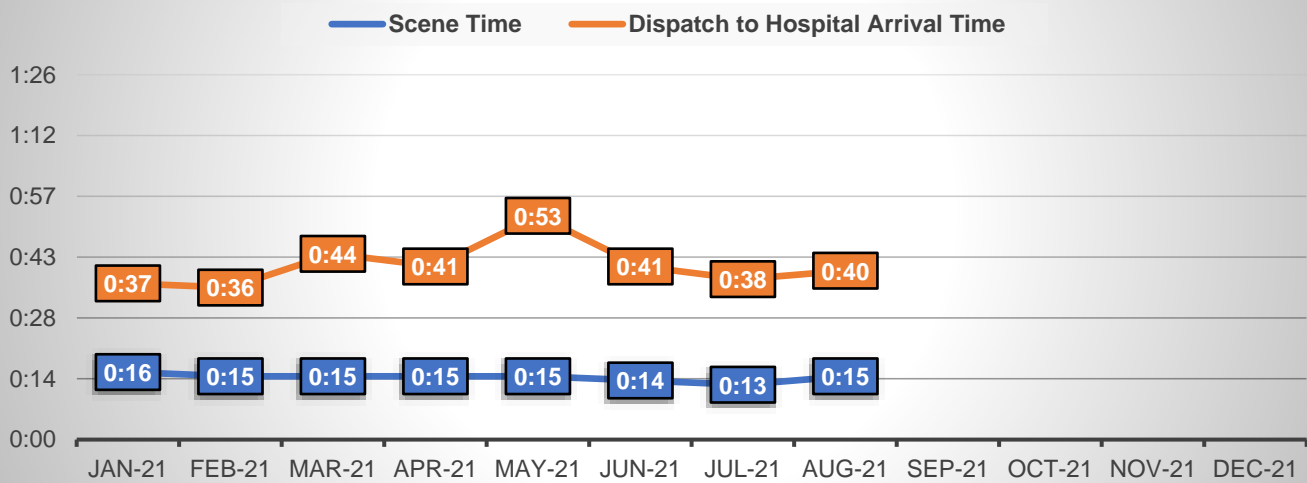
## EMS STEMI Patient Data



### 911 STEMI Patient Count



### 911 STEMI Patient Average EMS Times (H:MM)

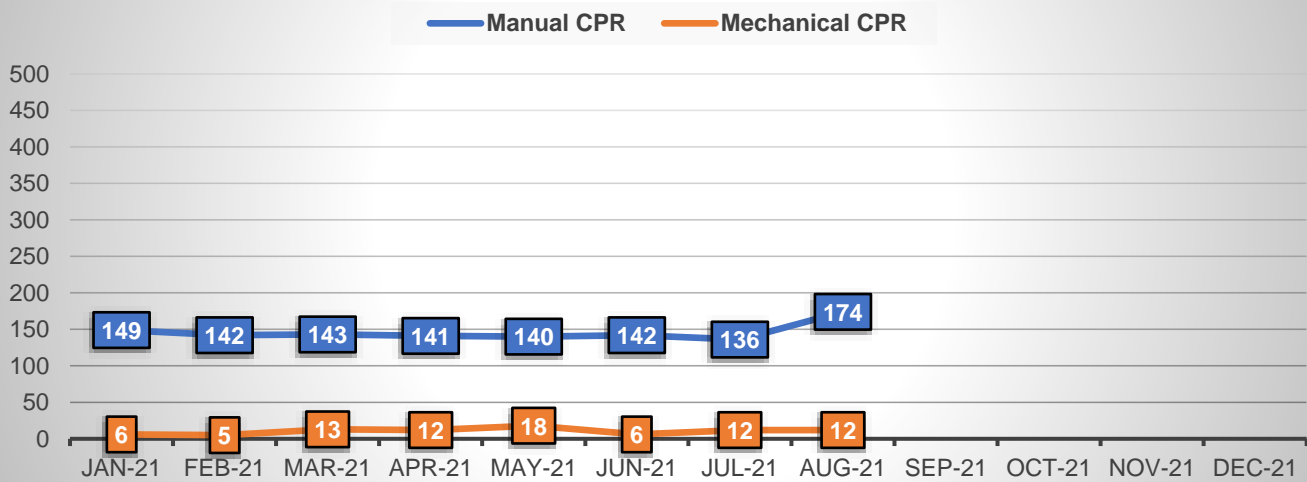




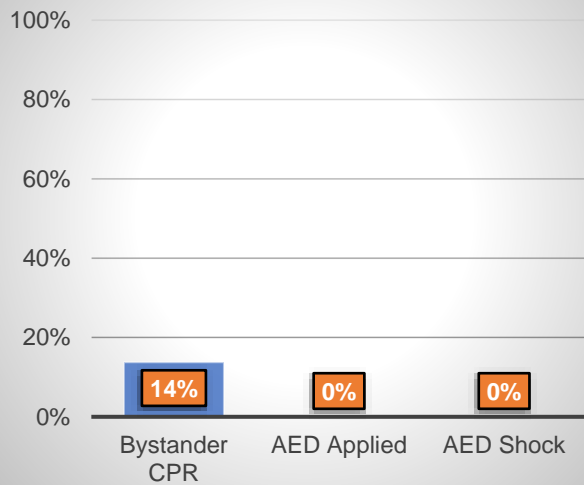
## EMS Cardiac Arrest Patient Data



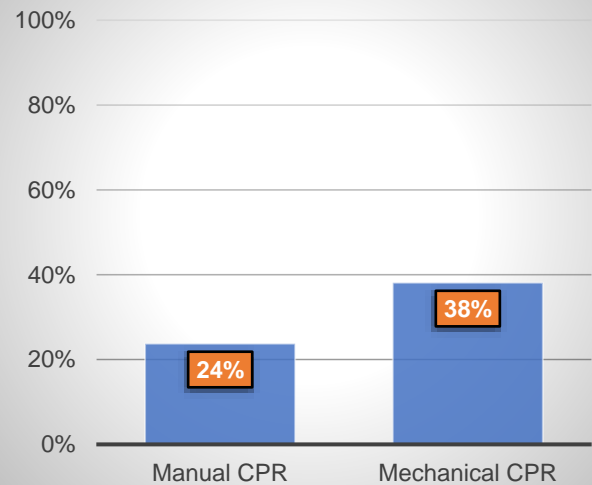
### 911 Cardiac Arrest Pt. Count



### Bystander CPR/AED Use



### Prehospital ROSC



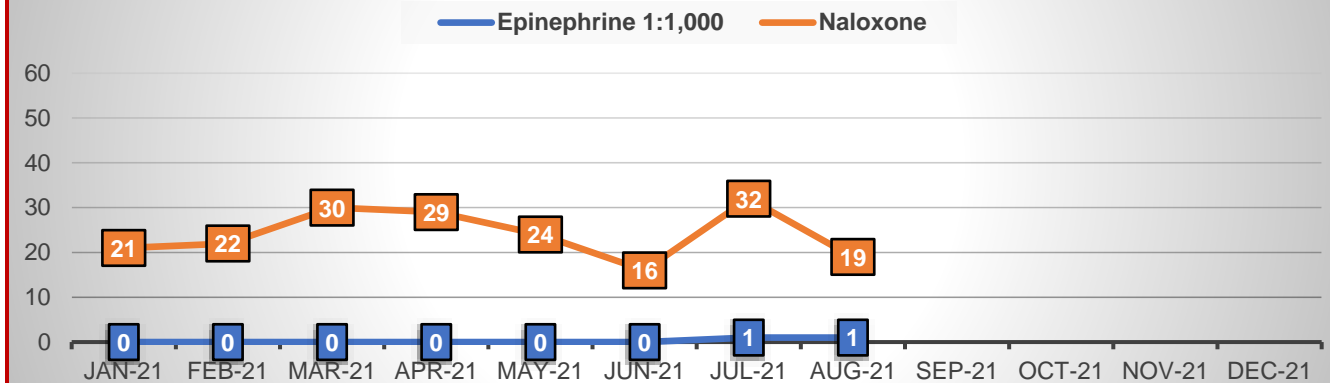


### EMS Medication Utilization Data



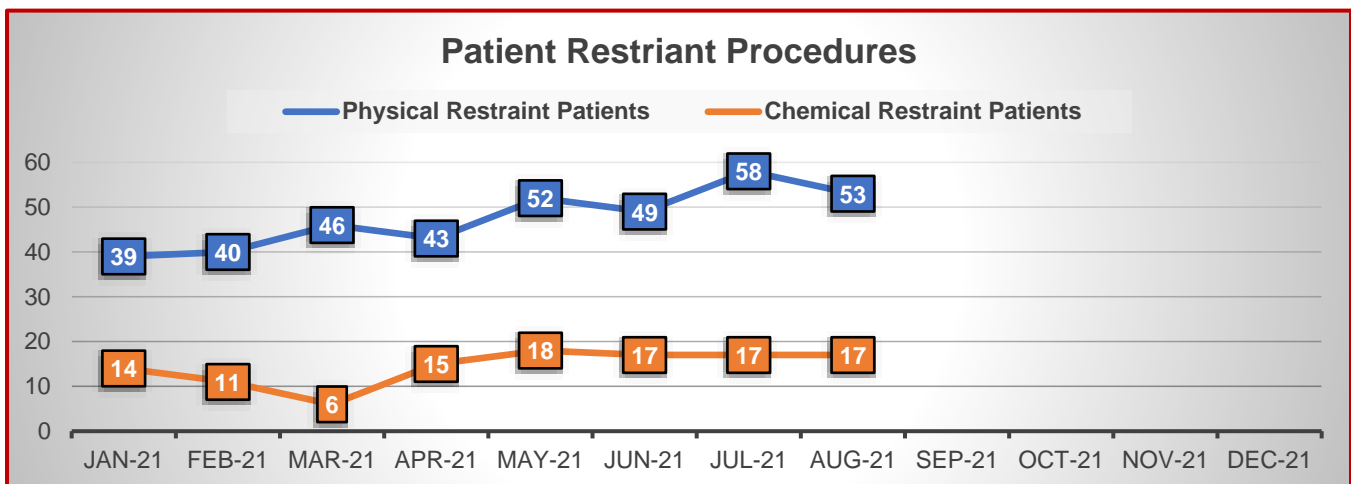
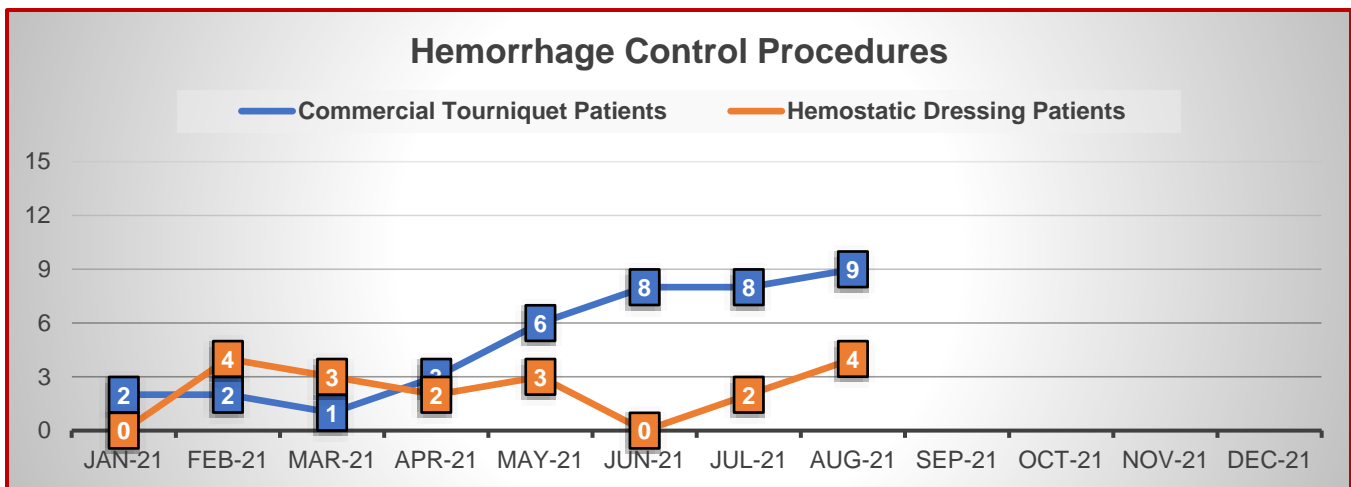
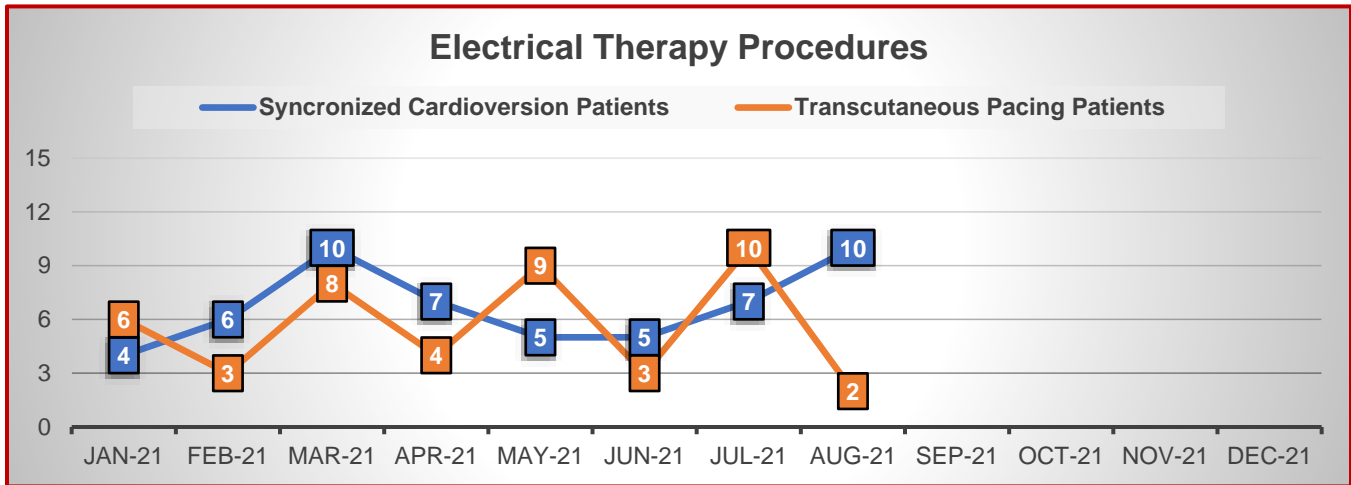
Medication	Ground Doses	Aircraft Doses	Medication	Ground Doses	Aircraft Doses
Acetaminophen (IV)	9	0	Ipratropium	2034	4
Activated Charcoal	36	0	Ketamine	241	69
Adenosine	192	0	Ketorolac	72	0
Albuterol	2284	4	Lidocaine	42	4
Amiodarone	182	2	Lorazepam	0	6
Aspirin	3735	7	Midazolam	658	32
Atropine	125	0	Morphine	644	4
Dextrose 10%	22	2	Naloxone	1164	2
Dextrose 50%	742	1	Nitroglycerin	5233	20
Diphenhydramine	2299	1	Norepinephrine	0	4
Dopamine	0	1	Ondansetron	6798	124
Epinephrine 1:1,000	168	0	Rocuronium	0	37
Epinephrine 1:10,000	2868	71	Sodium Bicarbonate	54	1
Etomidate	0	10	Terbutaline	0	0
Fentanyl	4909	280	TXA	13	10
Glucagon	101	0	Vecuronium	0	0

### BLS Optional Medication Administrations



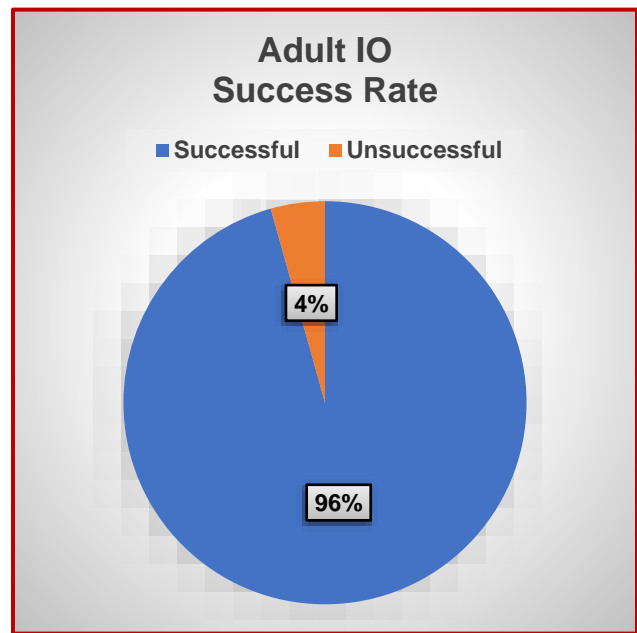
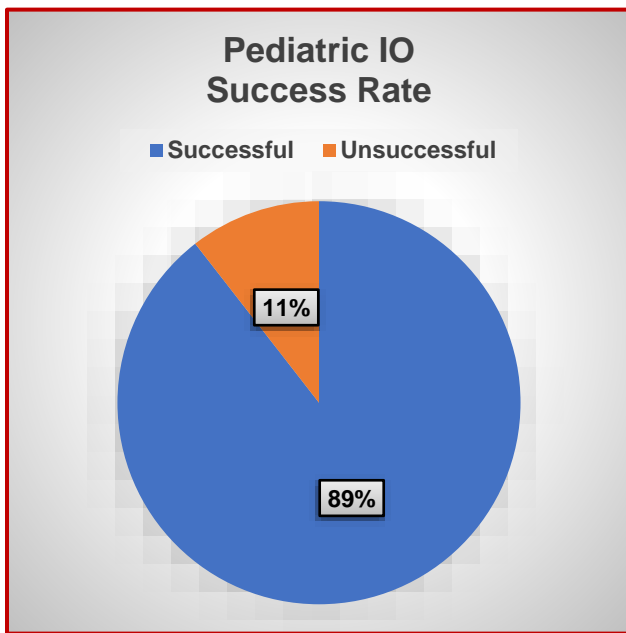
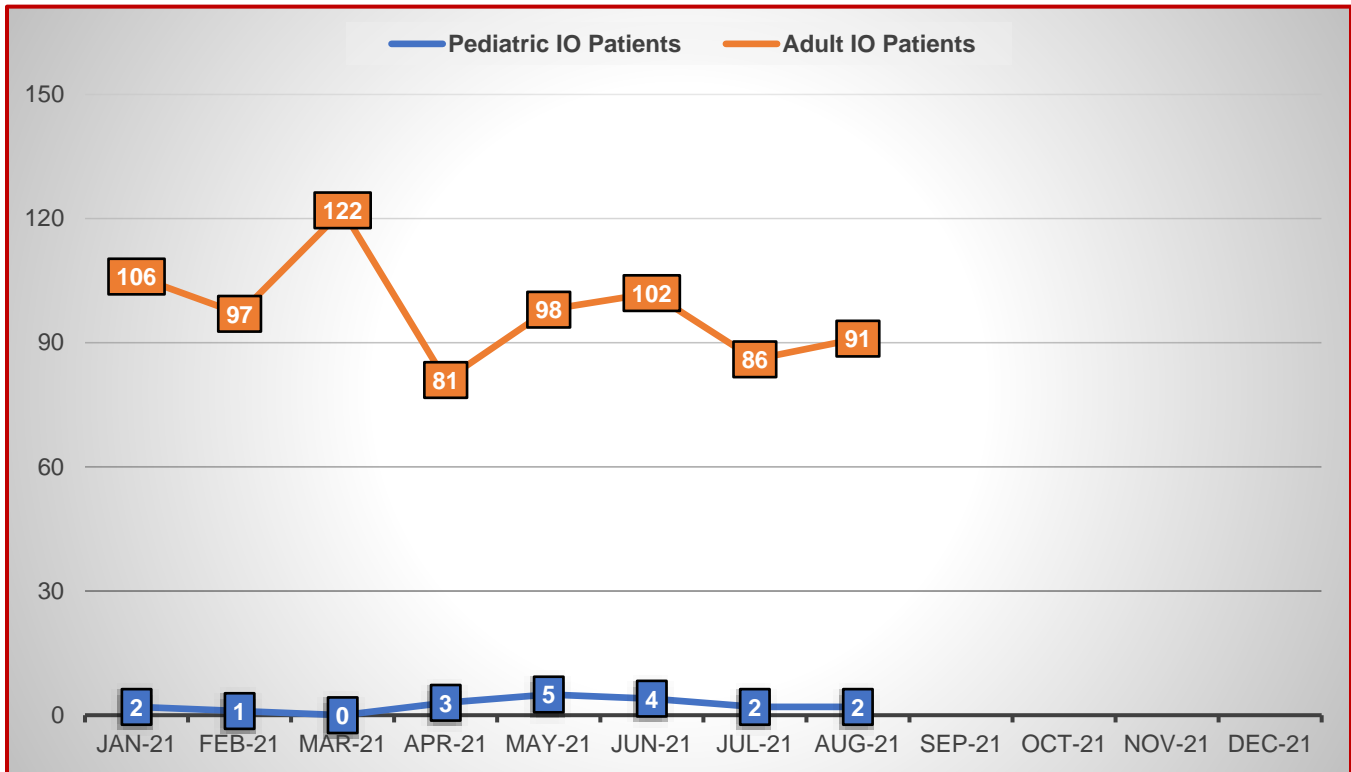


### EMS Electrical Therapy, Restraint & Hemorrhage Control Procedures



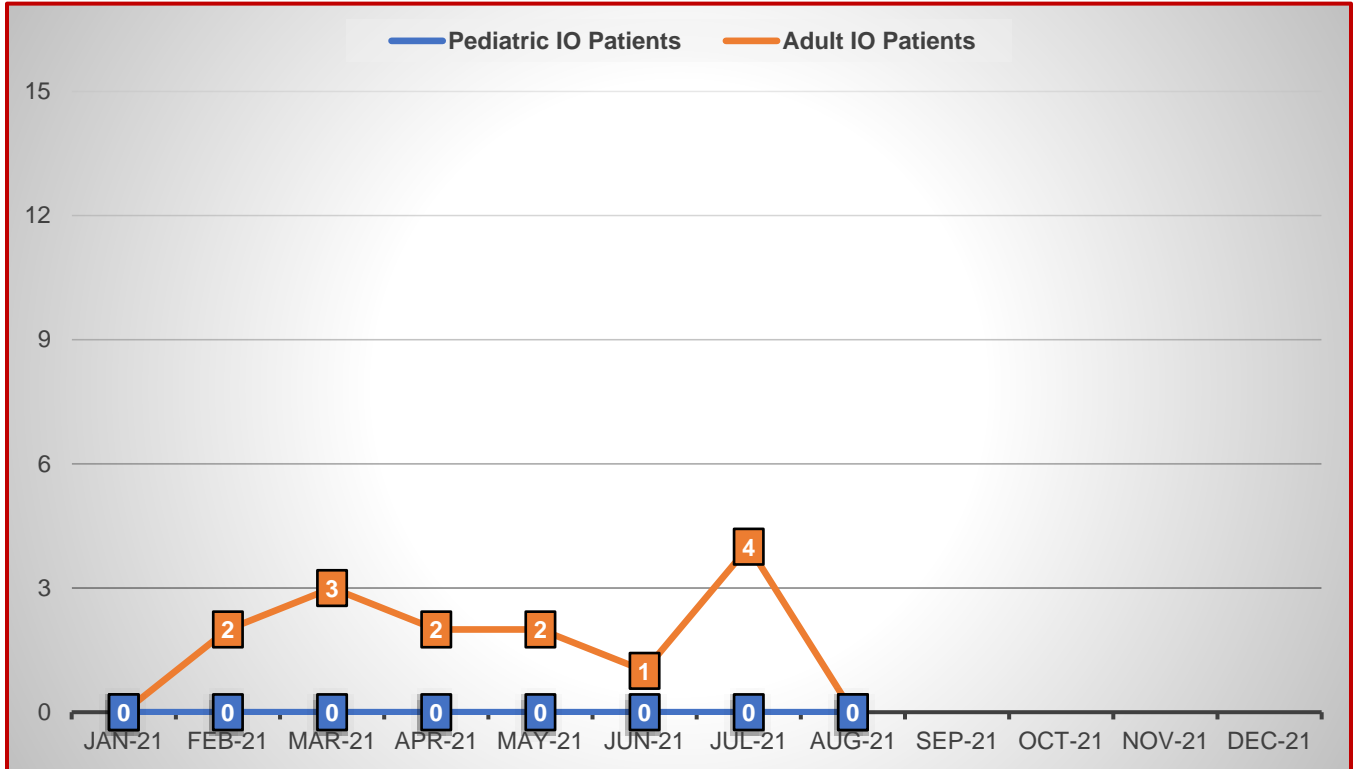


## Ground EMS Intraosseous (IO) Procedures





## EMS Aircraft Intraosseous (IO) Procedures



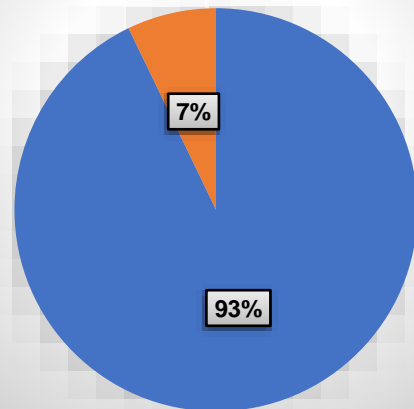
### Pediatric IO Success Rate

■ Successful ■ Unsuccessful

0%

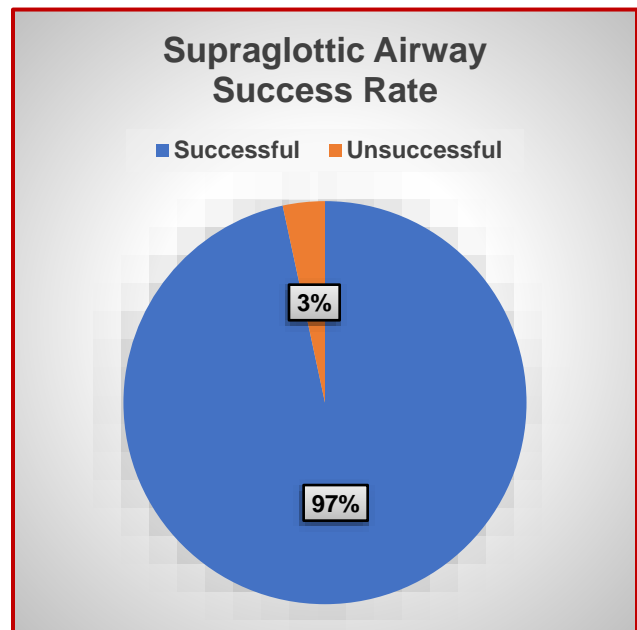
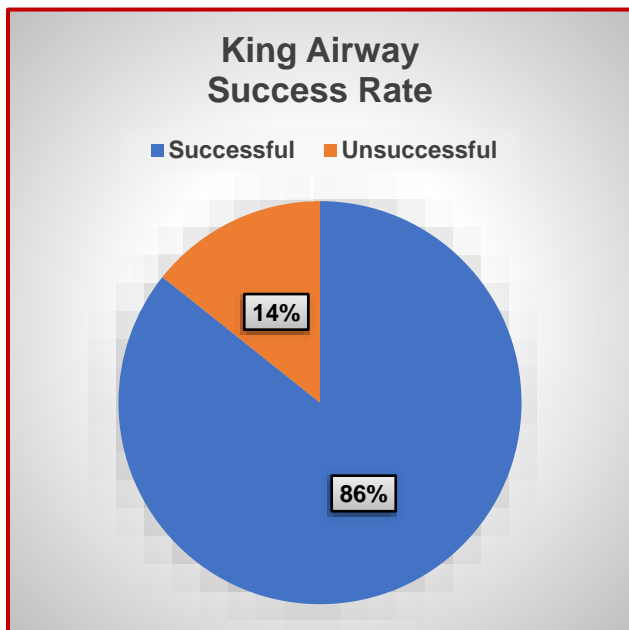
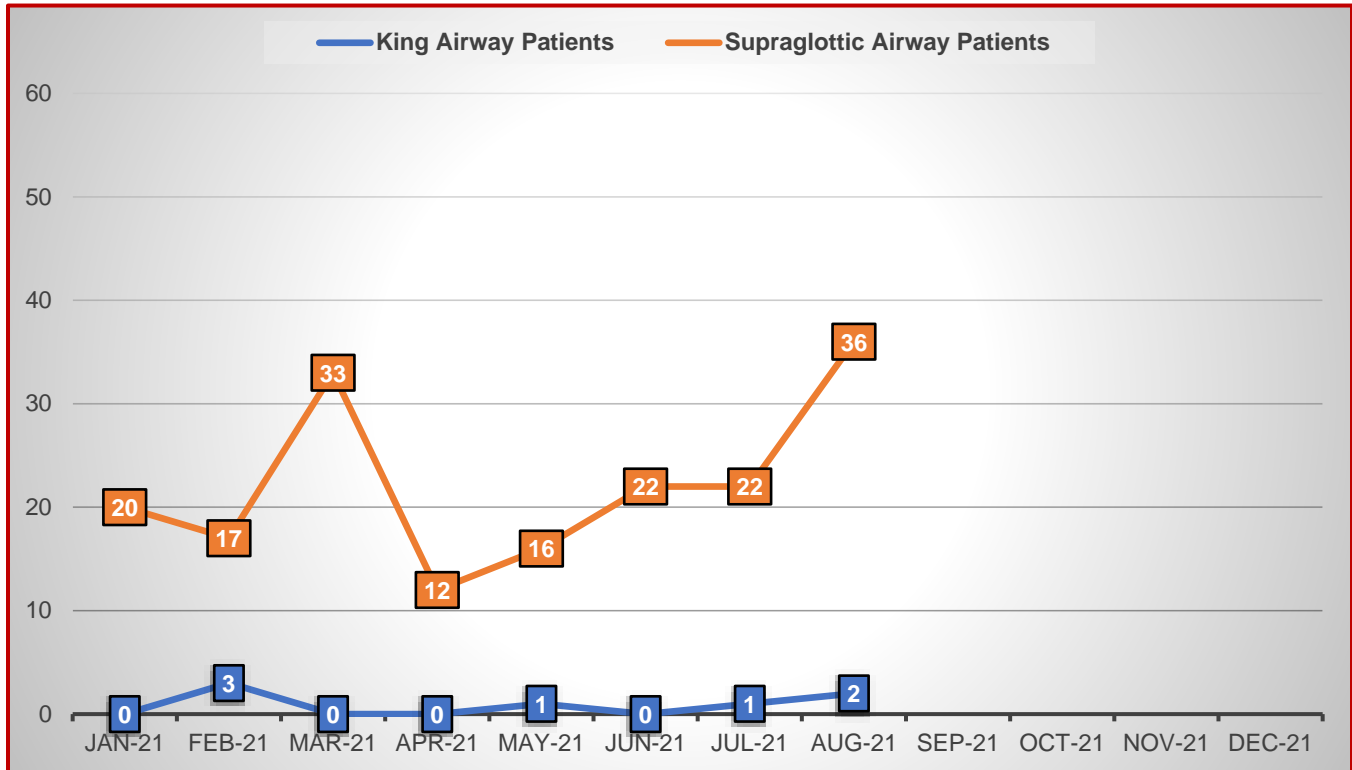
### Adult IO Success Rate

■ Successful ■ Unsuccessful



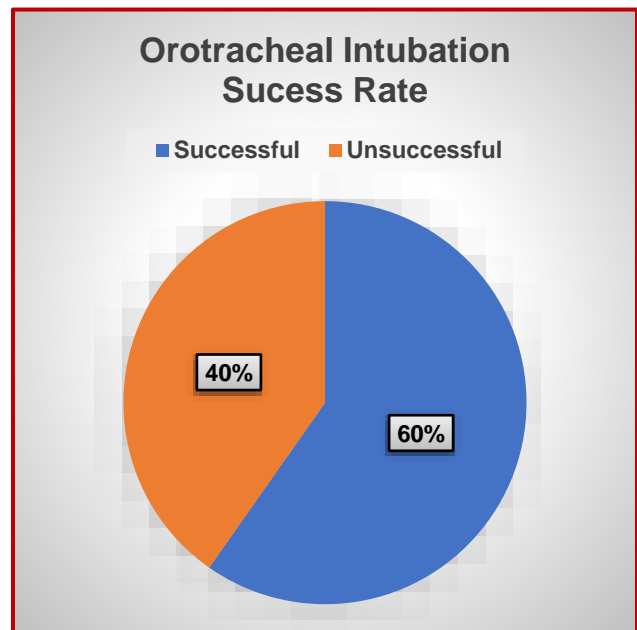
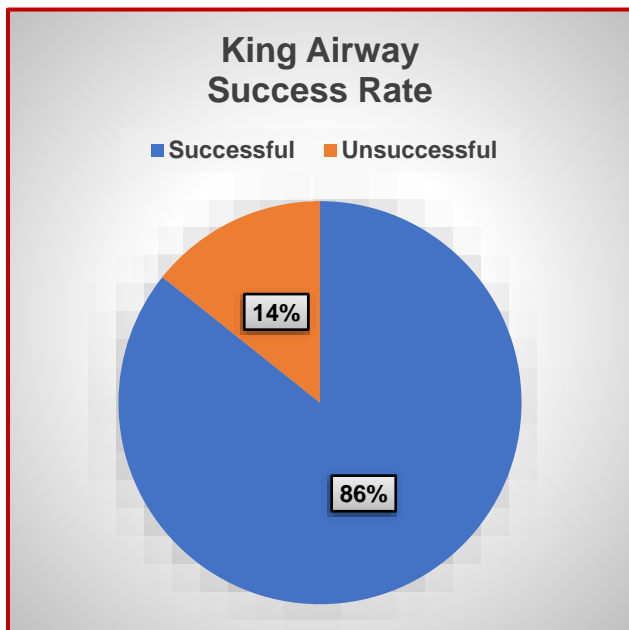
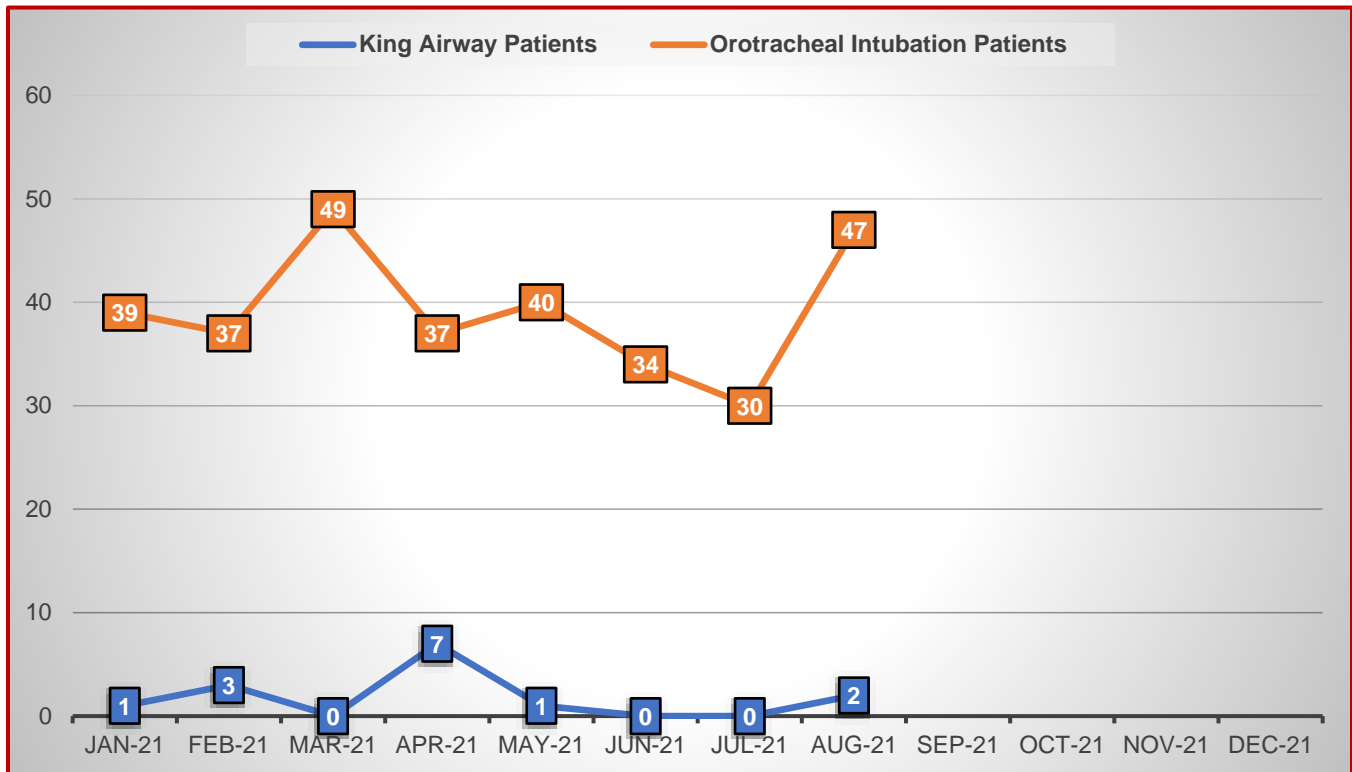


### BLS King Airway & Supraglottic Airway Procedures





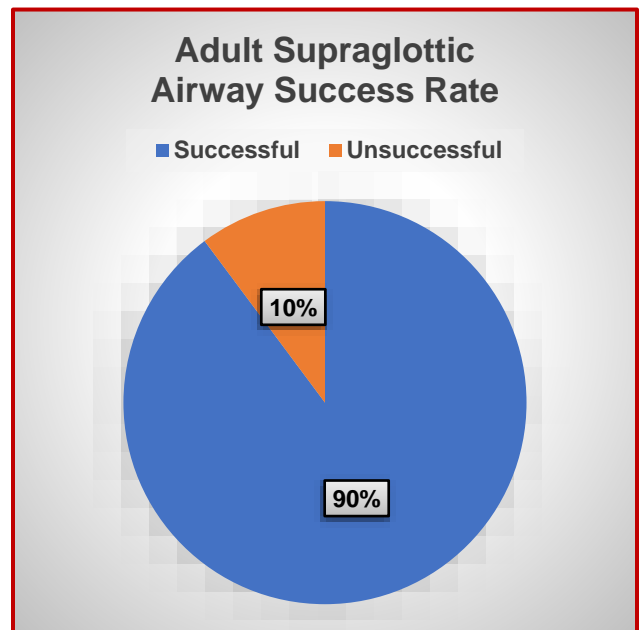
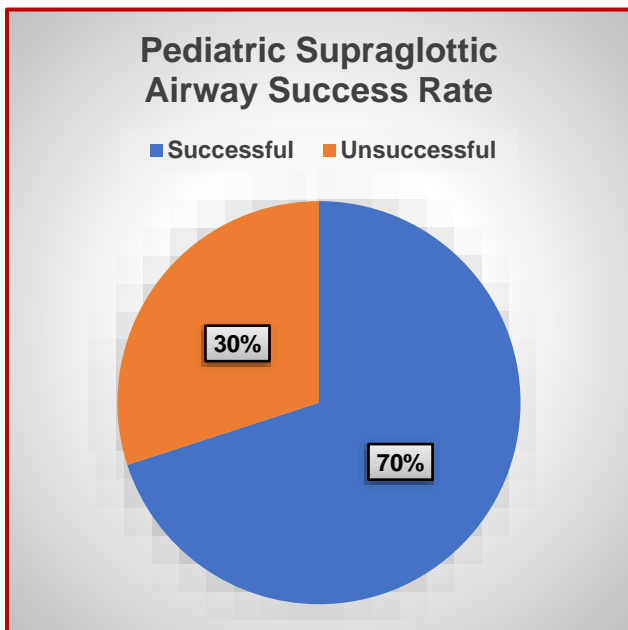
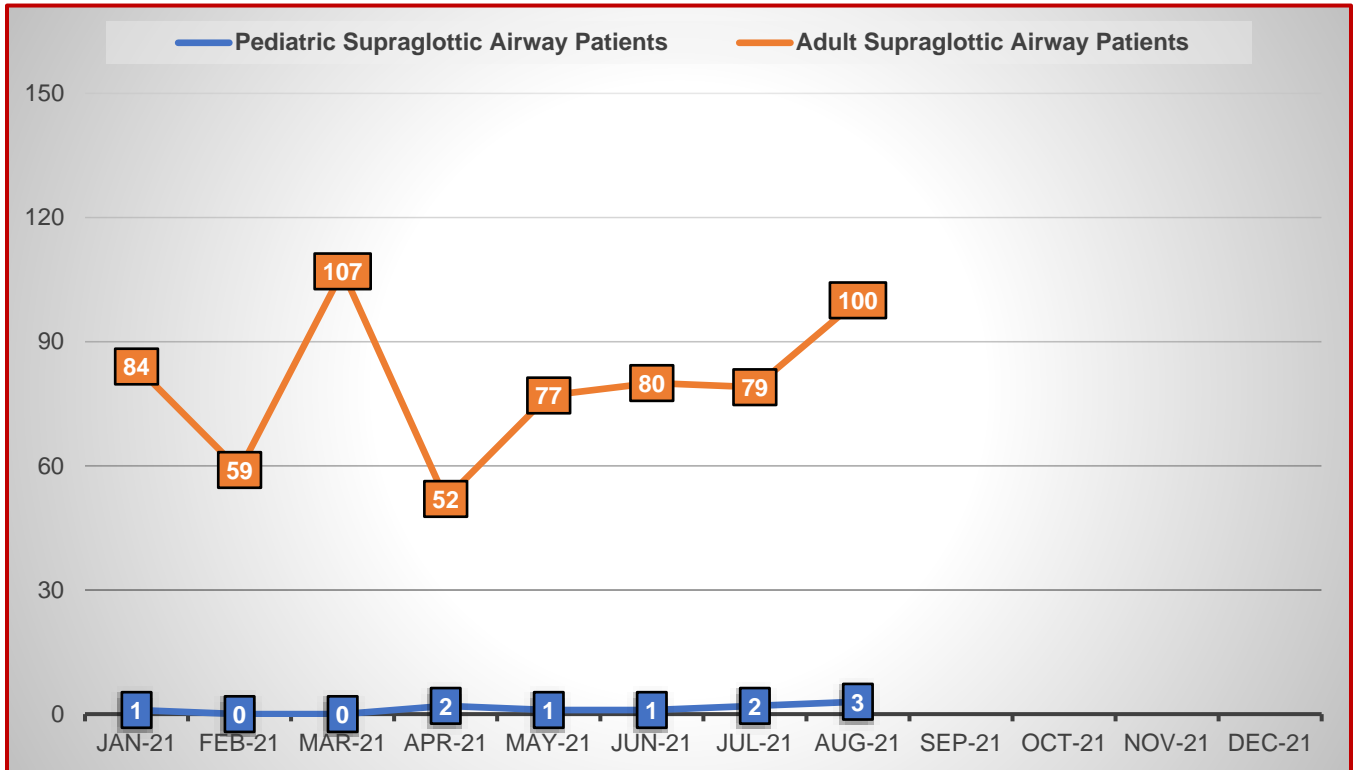
### ALS Ground Orotracheal Intubation & King Airway Procedures





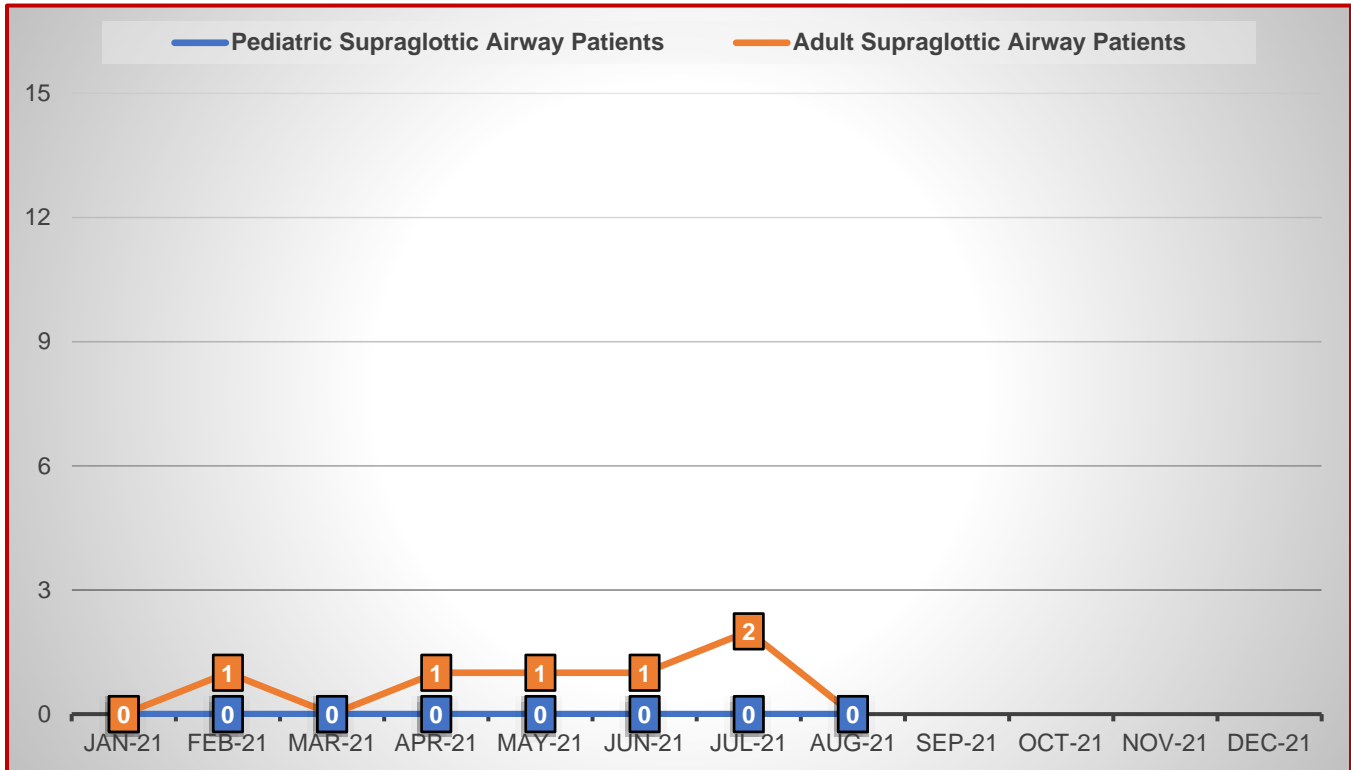


### ALS Ground Supraglottic Airway Procedures





## EMS Aircraft Supraglottic Airway Procedures



### Pediatric Supraglottic Airway Success Rate

■ Successful ■ Unsuccessful

0%

### Adult Supraglottic Airway Success Rate

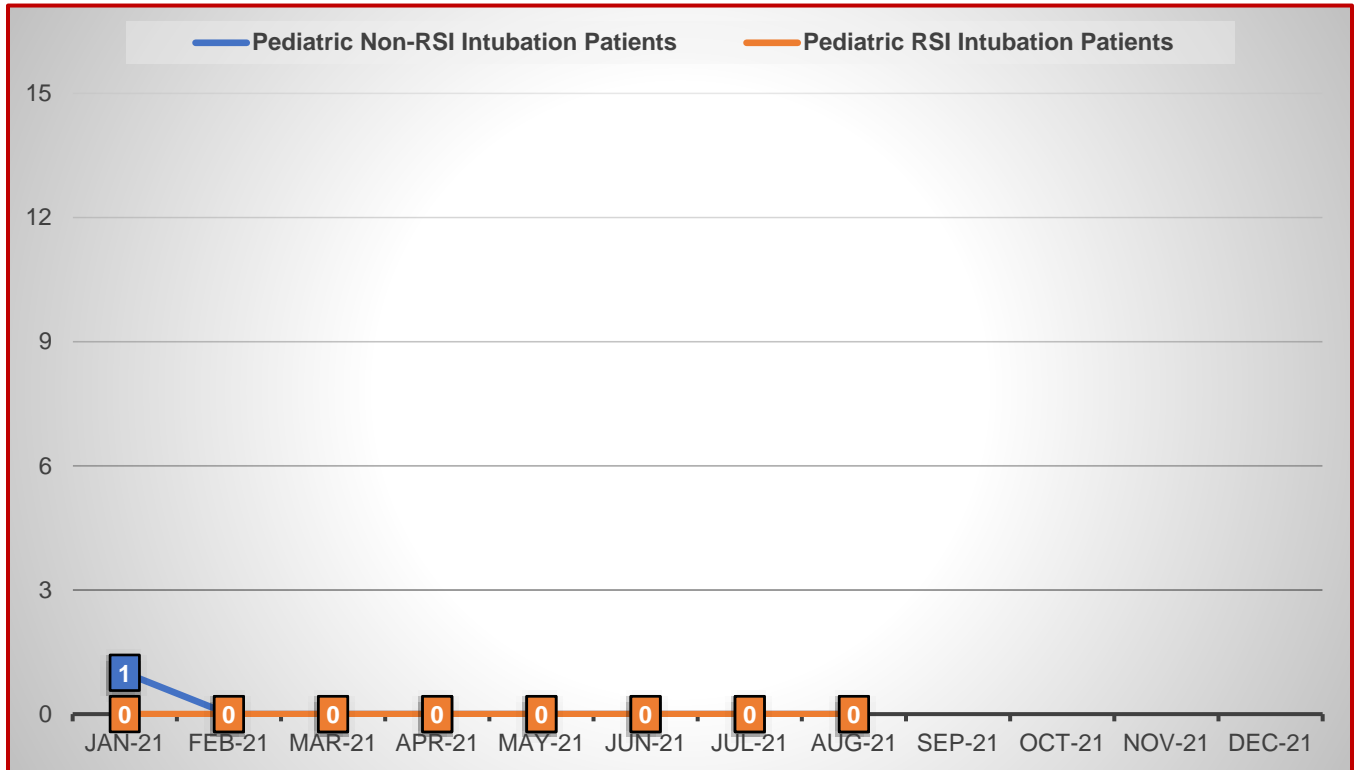
■ Successful ■ Unsuccessful

0%

100%

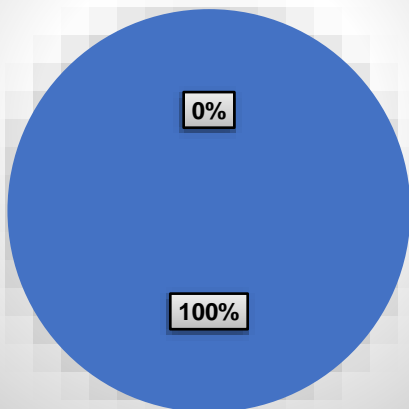


### EMS Aircraft Pediatric Orotracheal Intubation Airway Procedures



#### Pediatric Non-RSI Intubation Success Rate

■ Successful ■ Unsuccessful



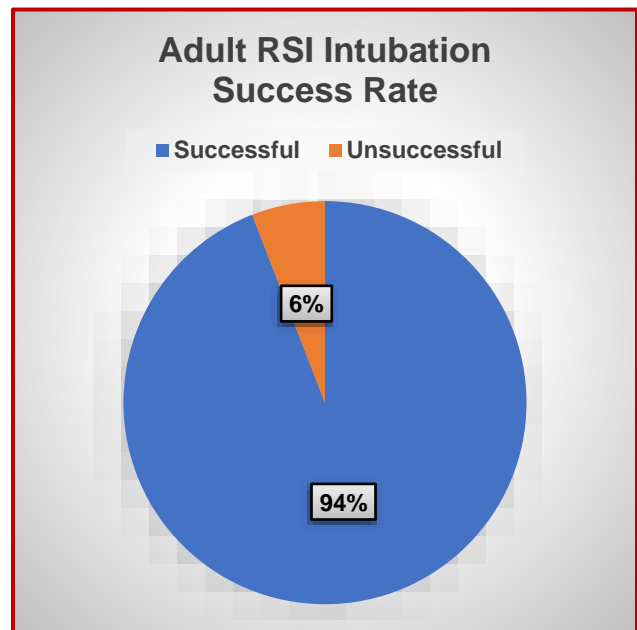
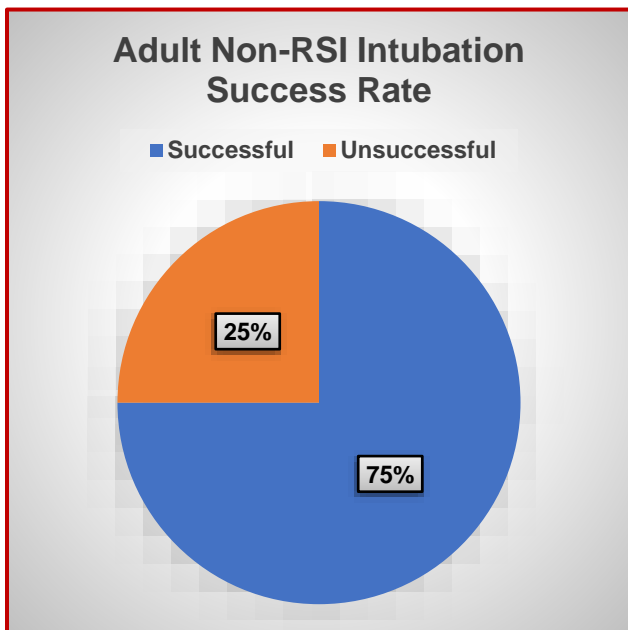
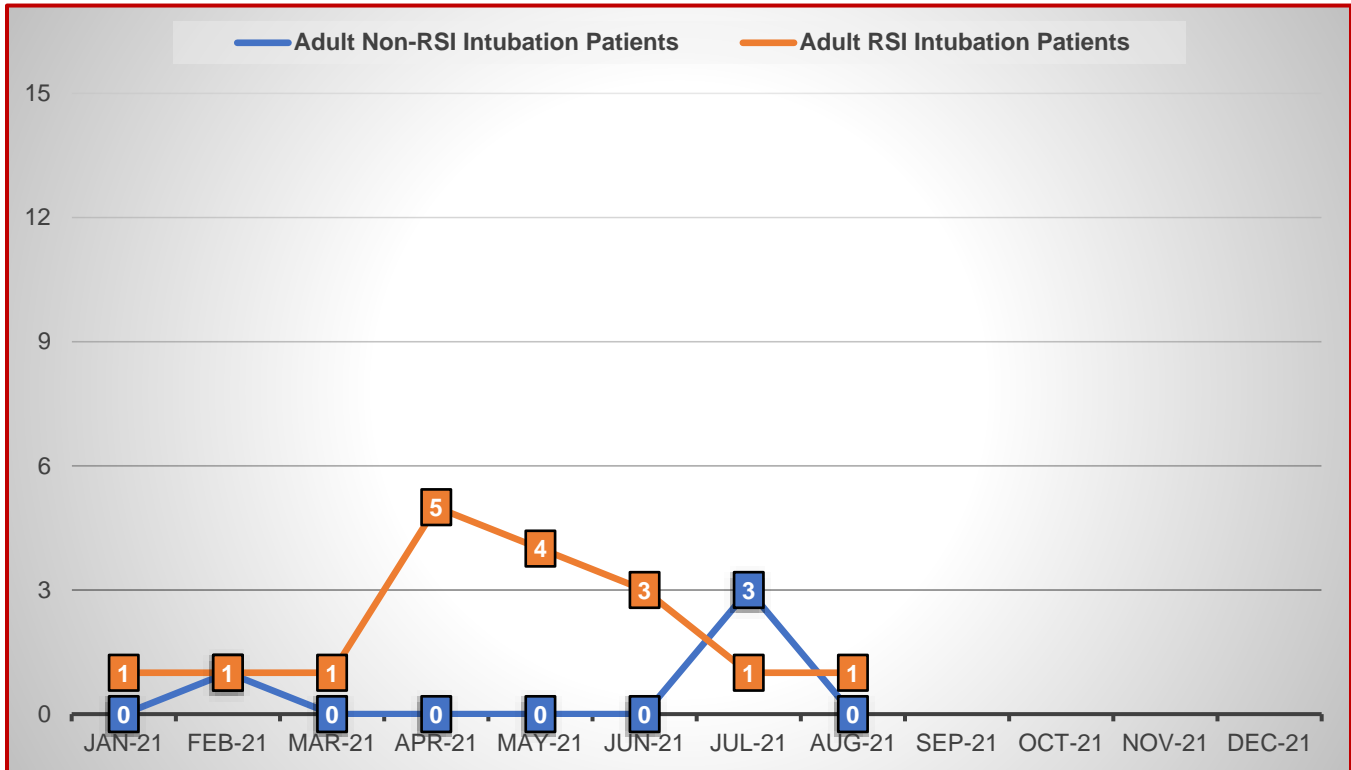
#### Pediatric RSI Intubation Success Rate

■ Successful ■ Unsuccessful



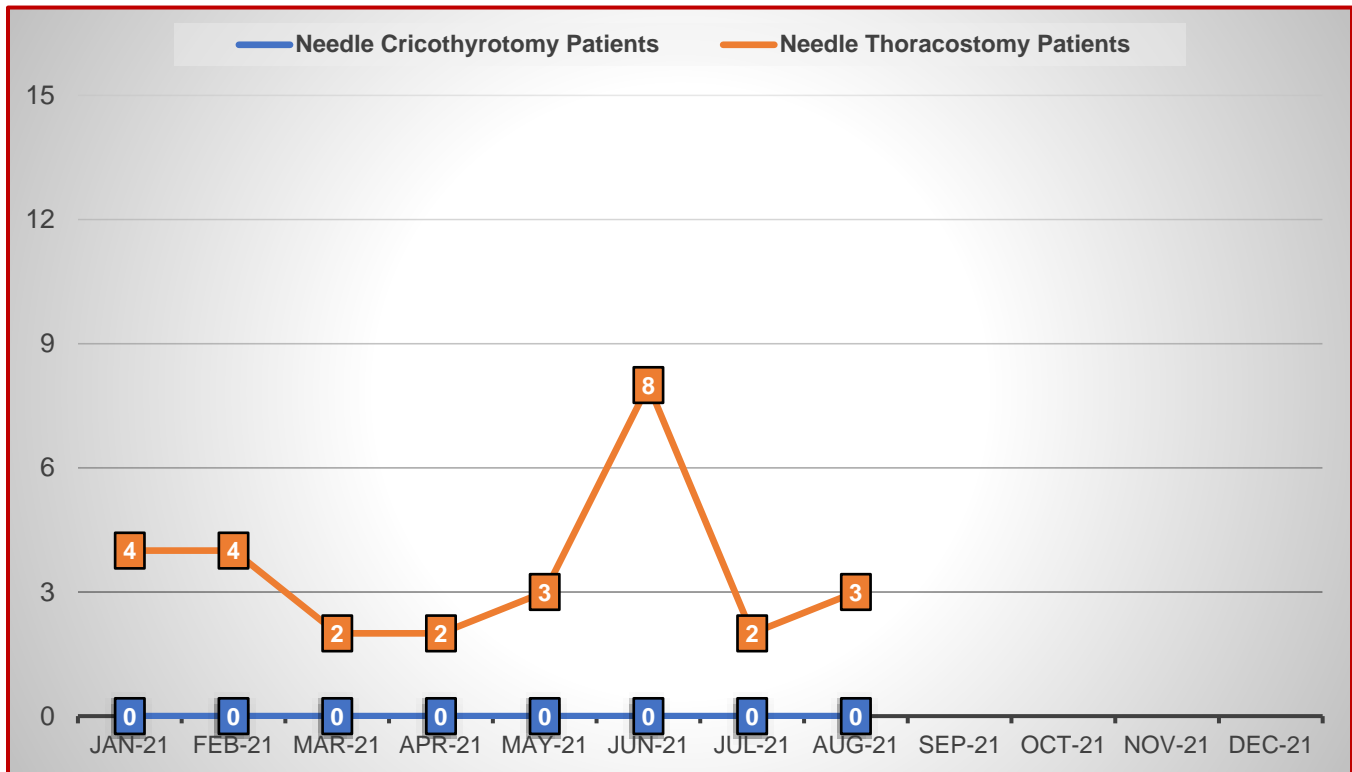


### EMS Aircraft Adult Orotracheal Intubation Airway Procedures





## ALS Ground Cricothyrotomy & Thoracostomy Procedures



### Needle Cricotyrotomy Success Rate

■ Successful ■ Unsuccessful

0%

### Needle Thoracostomy Success Rate

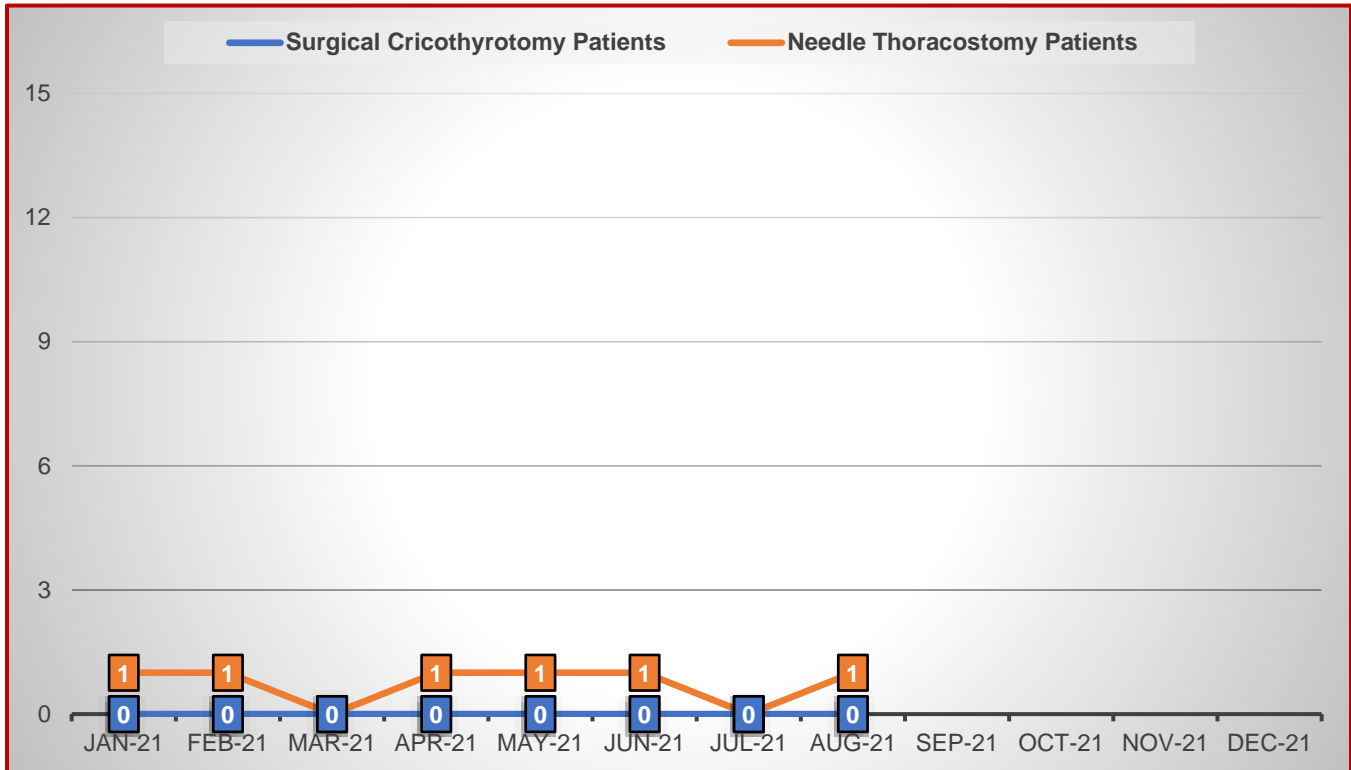
■ Successful ■ Unsuccessful

0%

100%



## EMS Aircraft Cricothyrotomy & Thoracostomy Procedures



### Surgical Cricothyrotomy Success Rate

■ Successful ■ Unsuccessful

0%

### Needle Thoracostomy Success Rate

■ Successful ■ Unsuccessful

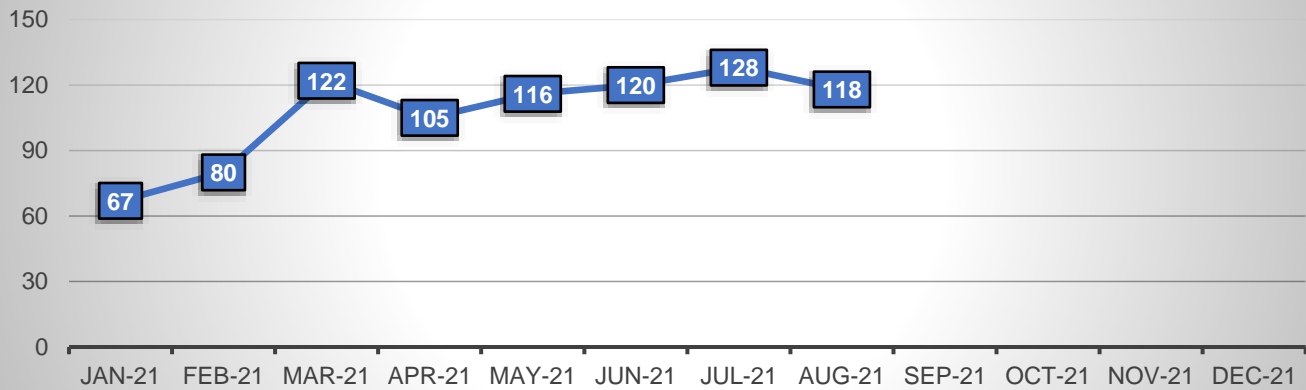
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100%

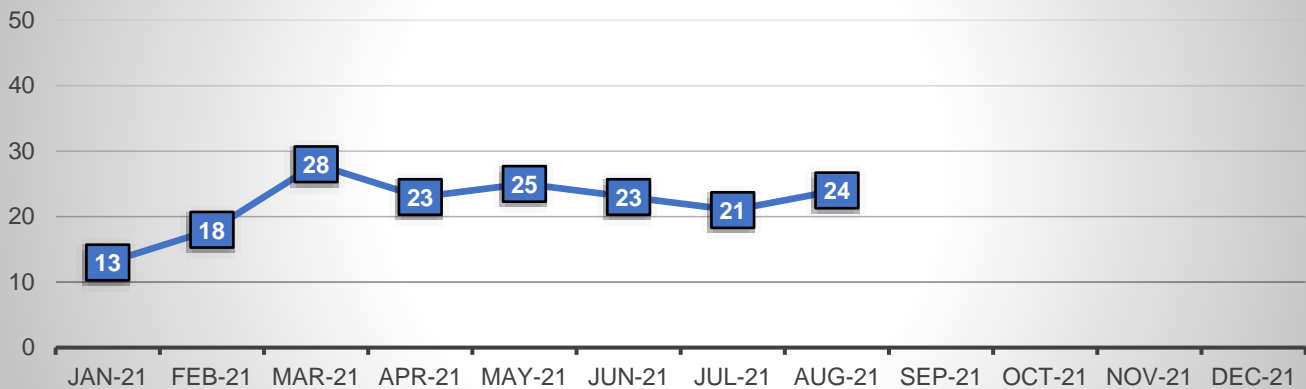


## EMS Naloxone Utilization

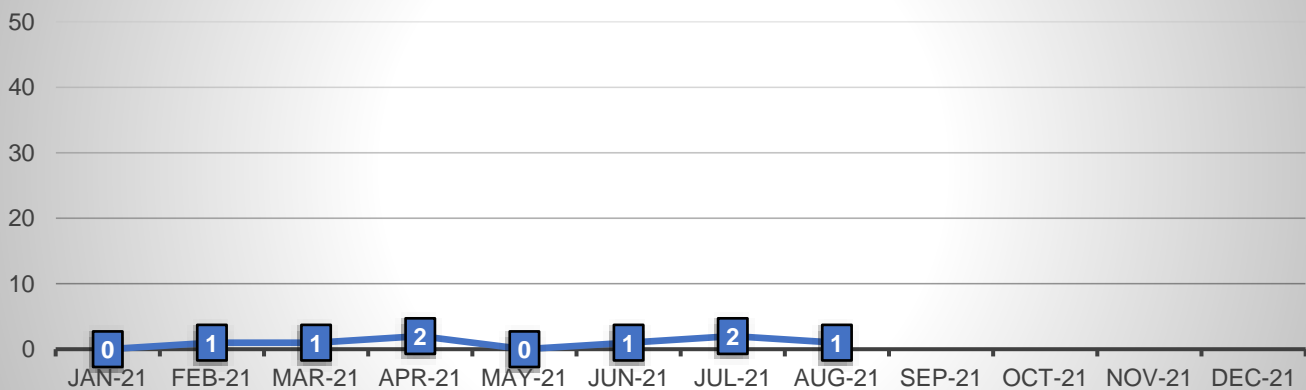
### 911 EMS Naloxone Administration Patients - S-SV EMS Region



### 911 EMS Naloxone Administration Patients - Butte County



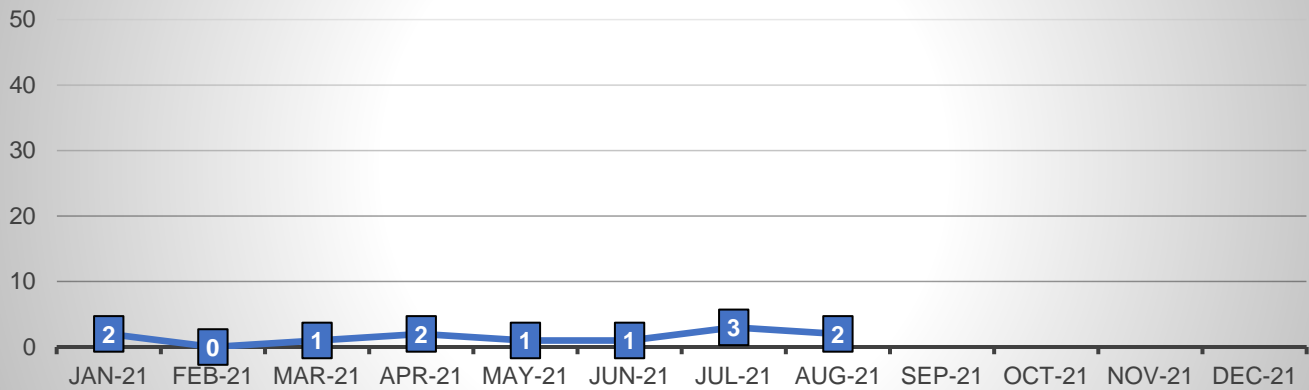
### 911 EMS Naloxone Administration Patients - Colusa County



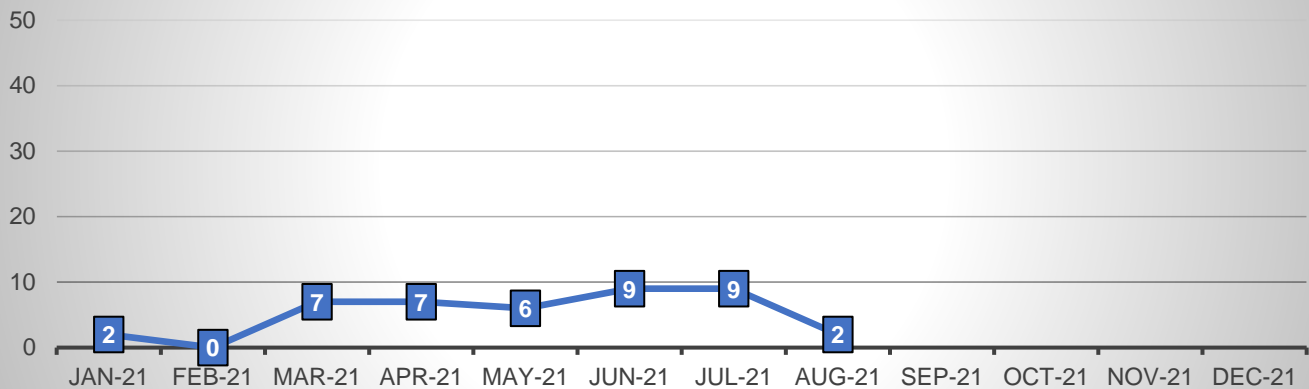


### EMS Naloxone Utilization

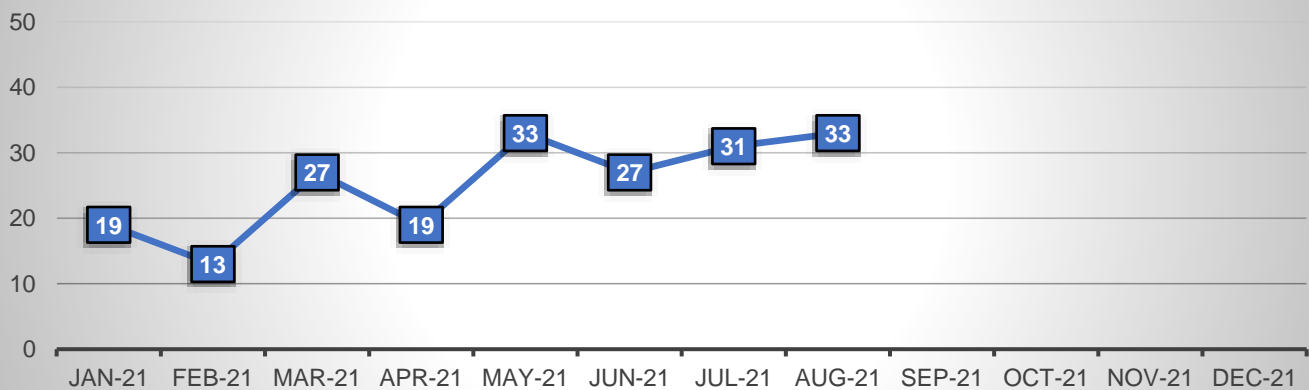
911 EMS Naloxone Administration Patients - Glenn County



911 EMS Naloxone Administration Patients - Nevada County



911 EMS Naloxone Administration Patients - Placer County

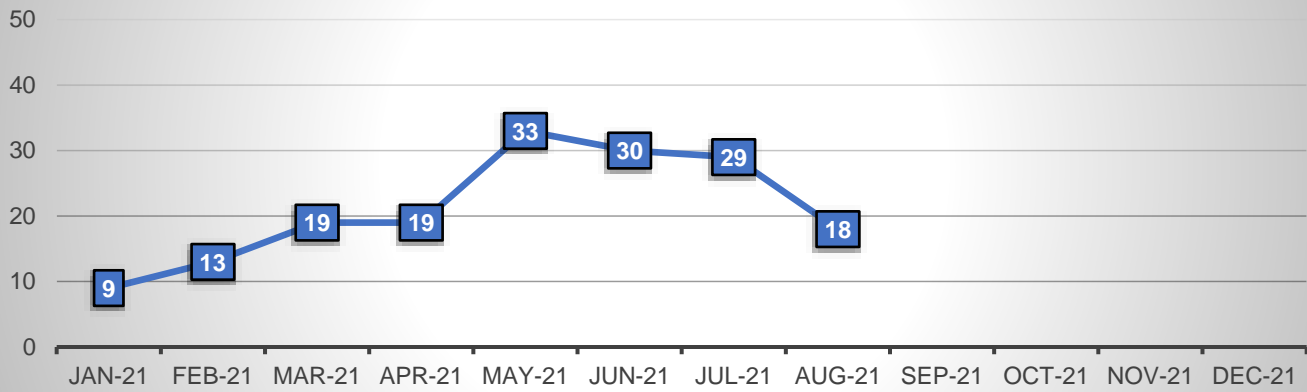




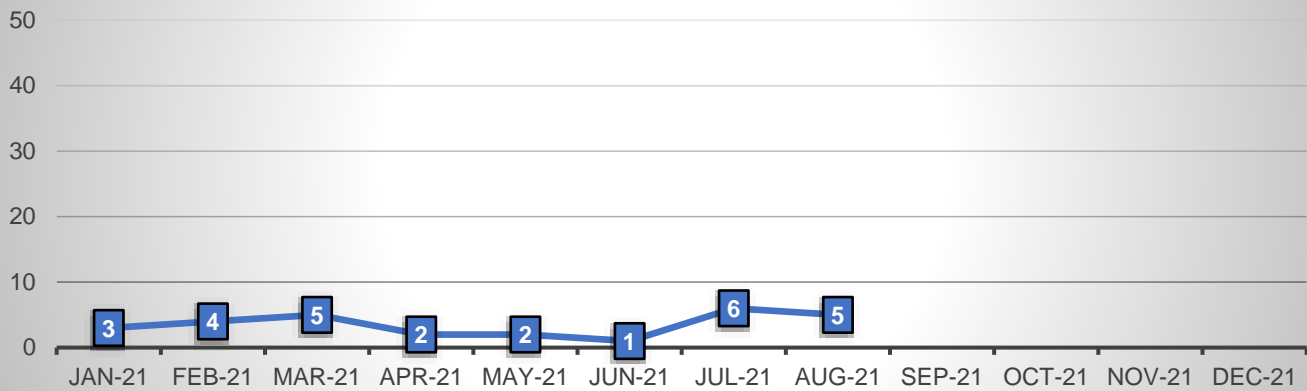


## EMS Naloxone Utilization

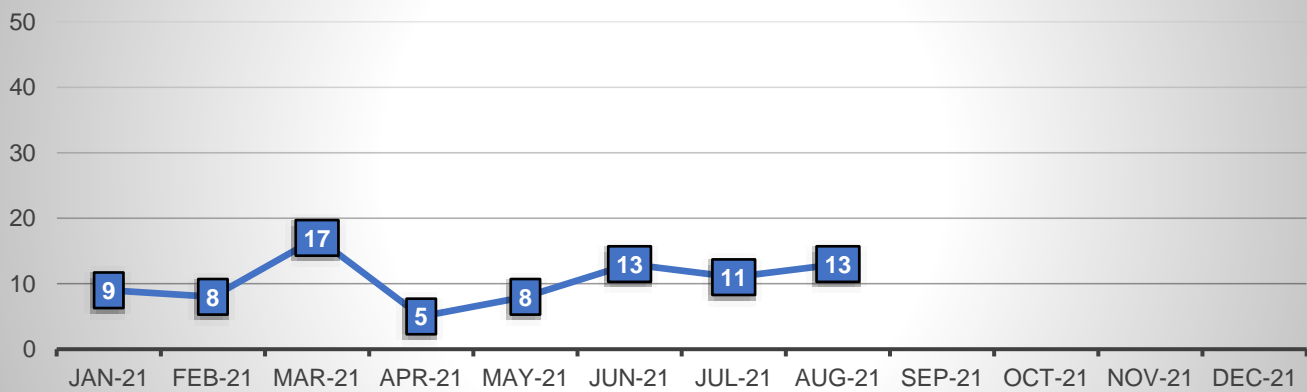
### 911 EMS Naloxone Administration Patients - Shasta County



### 911 EMS Naloxone Administration Patients - Siskiyou County



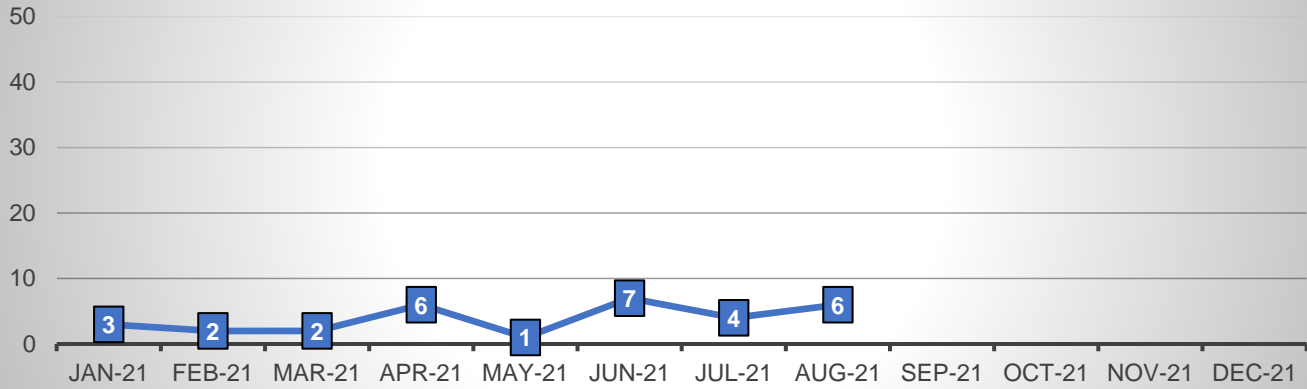
### 911 EMS Naloxone Administration Patients - Sutter County



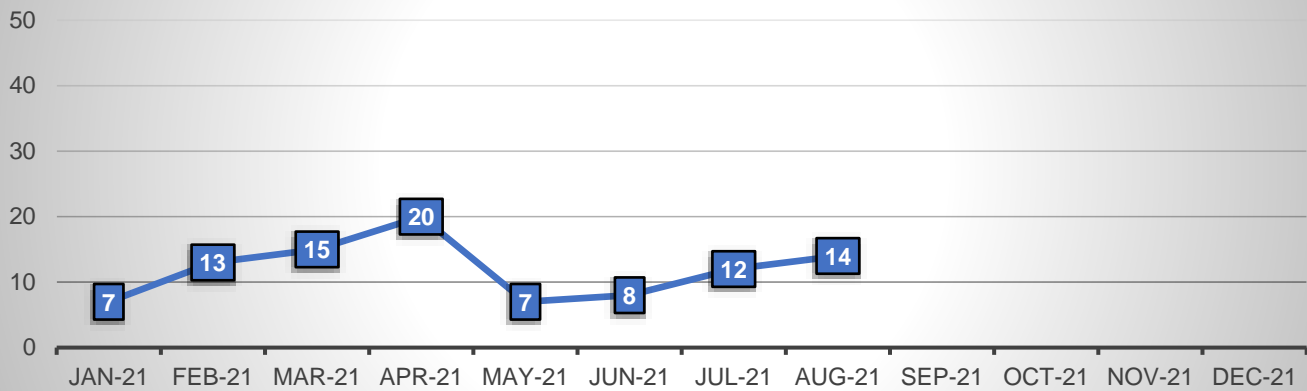


### EMS Naloxone Utilization

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 90<sup>th</sup> 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.

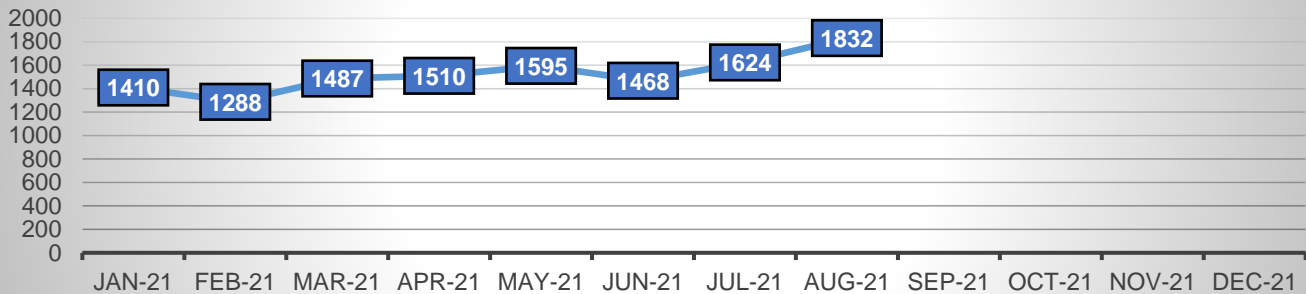
### APOT Charts/Graphs Color Key Definitions

-  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)

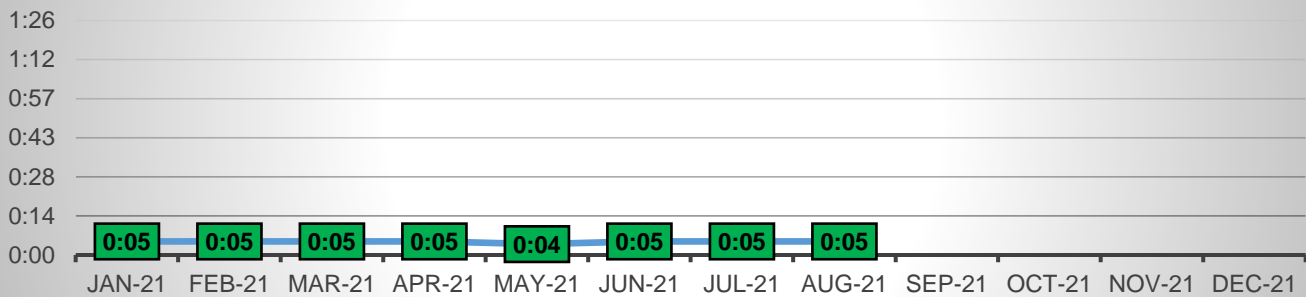


## Adventist Health +Rideout APOT

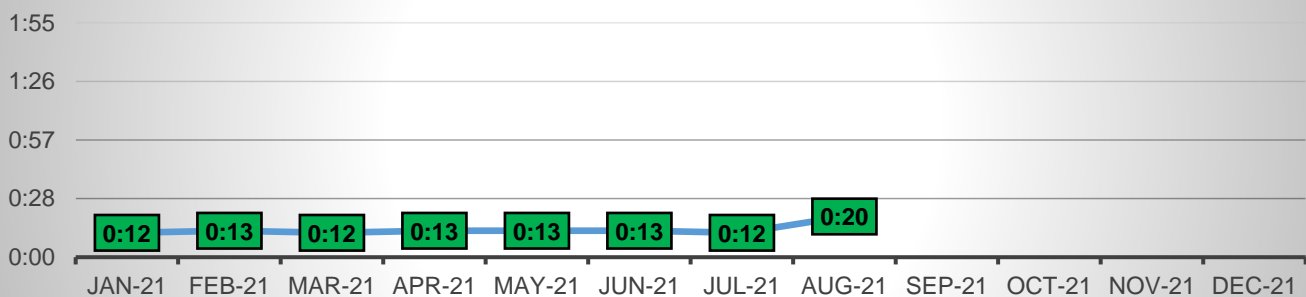
### 911 Transport Patient Count



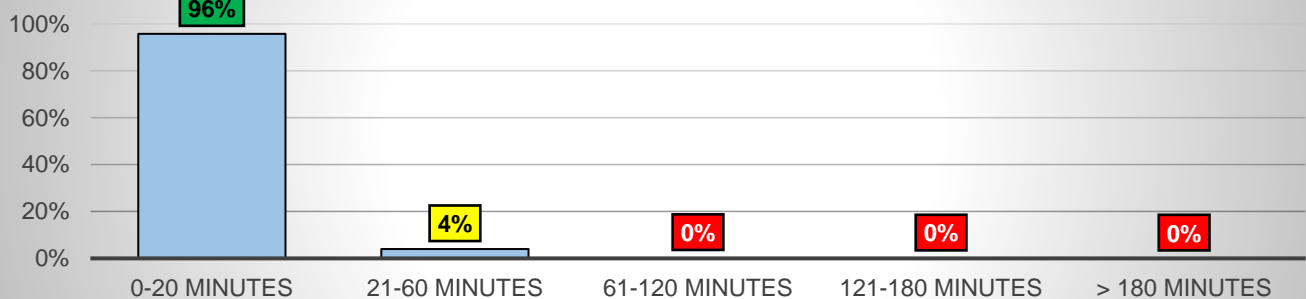
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



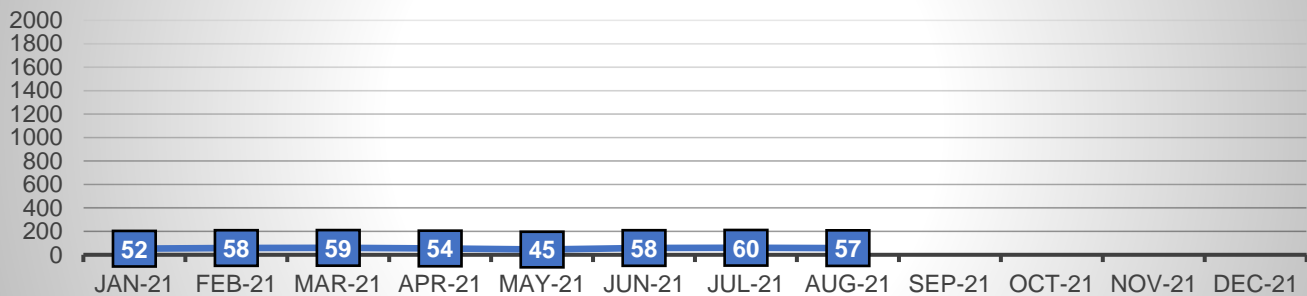
### APOT 2 - Patient Offload Time Interval Percentages



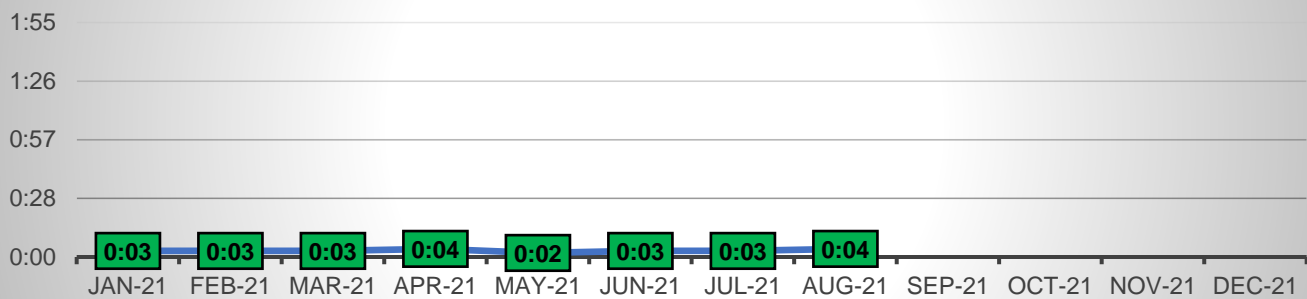


## Colusa Medical Center APOT

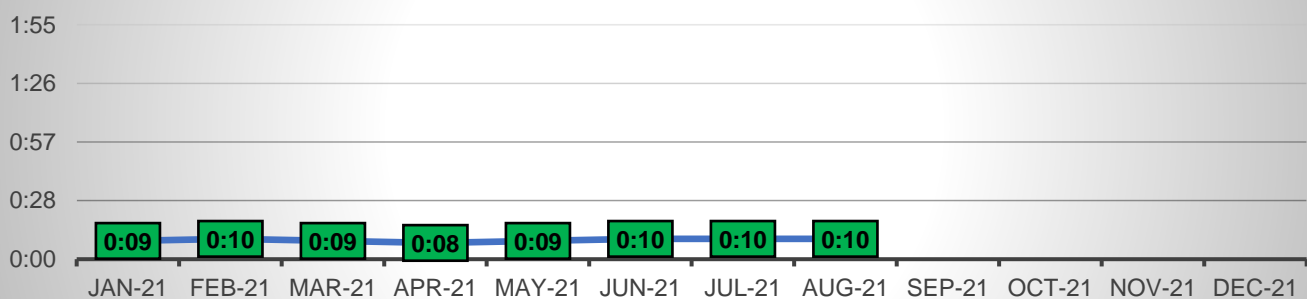
### 911 Transport Patient Count



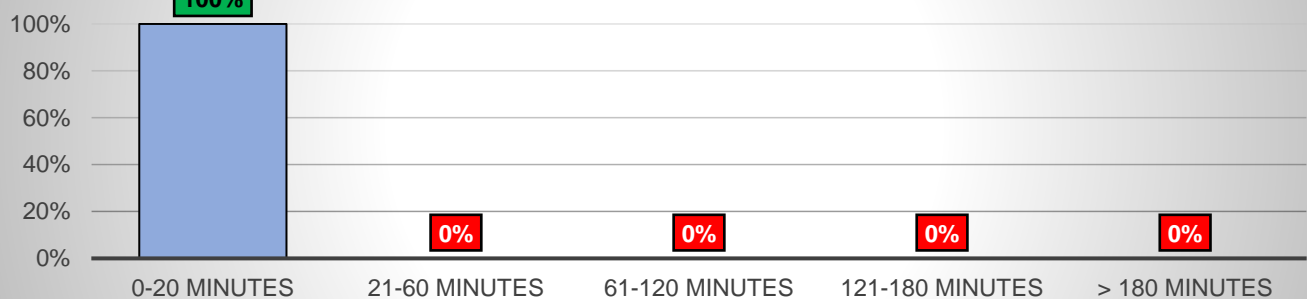
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



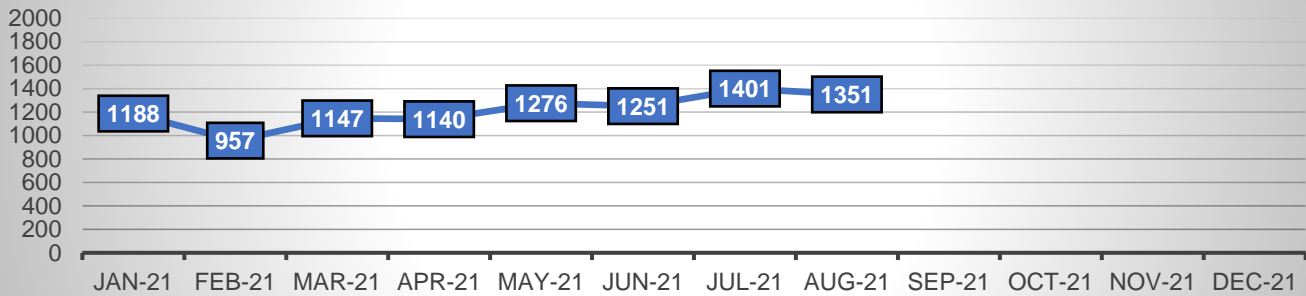
### APOT 2 - Patient Offload Time Interval Percentages



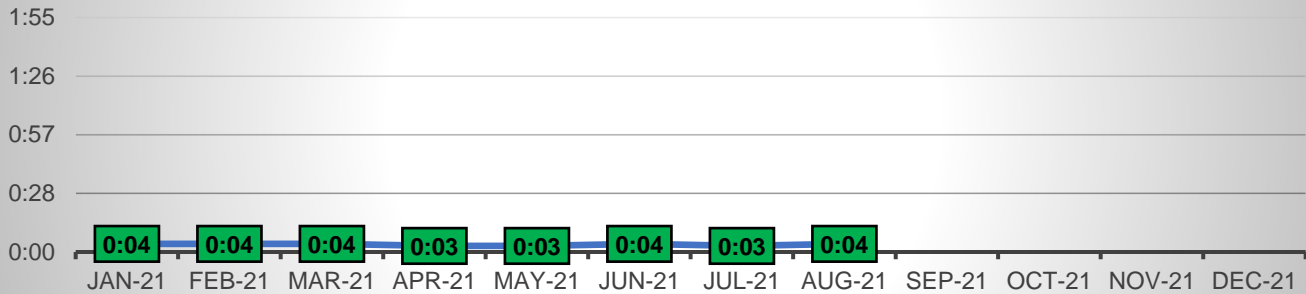


## Enloe Medical Center APOT

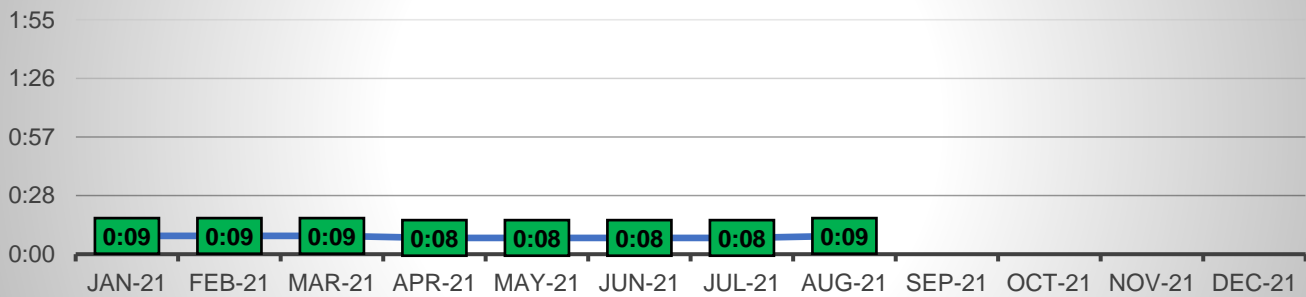
### 911 Transport Patient Count



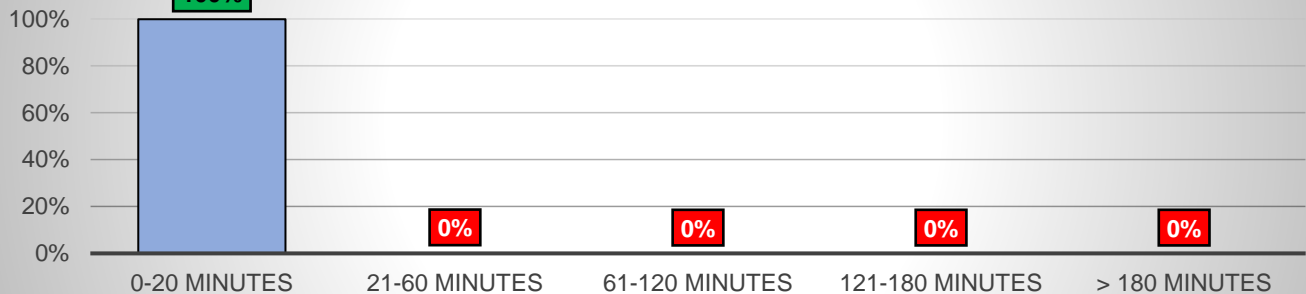
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



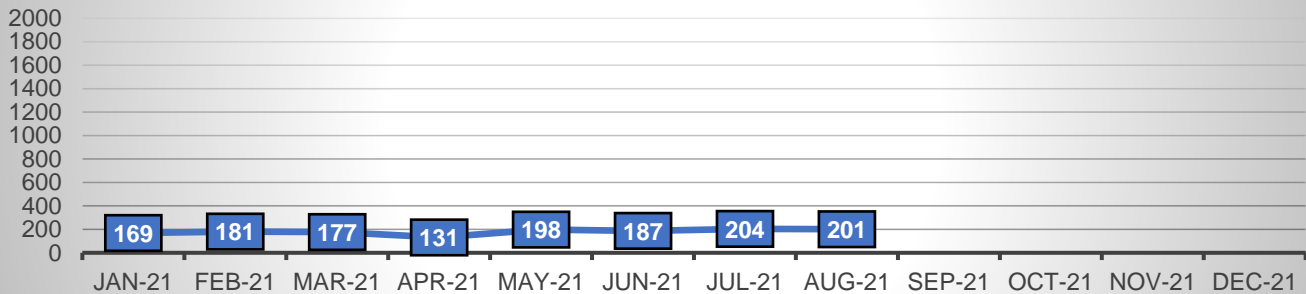
### APOT 2 - Patient Offload Time Interval Percentages



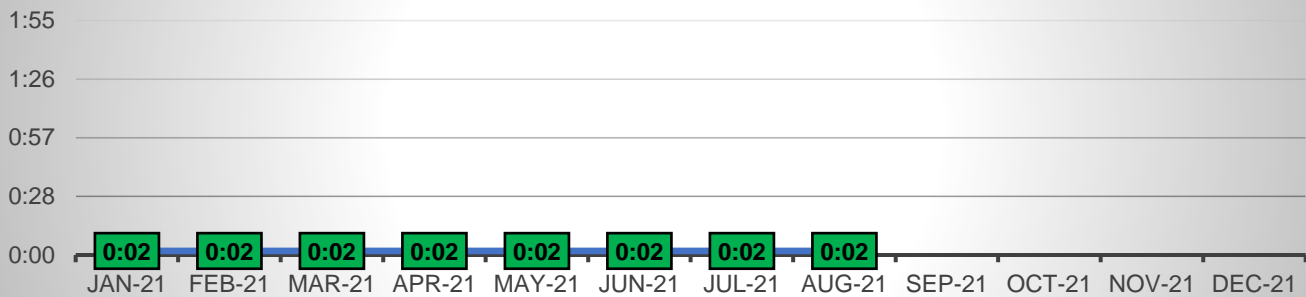


## Fairchild Medical Center APOT

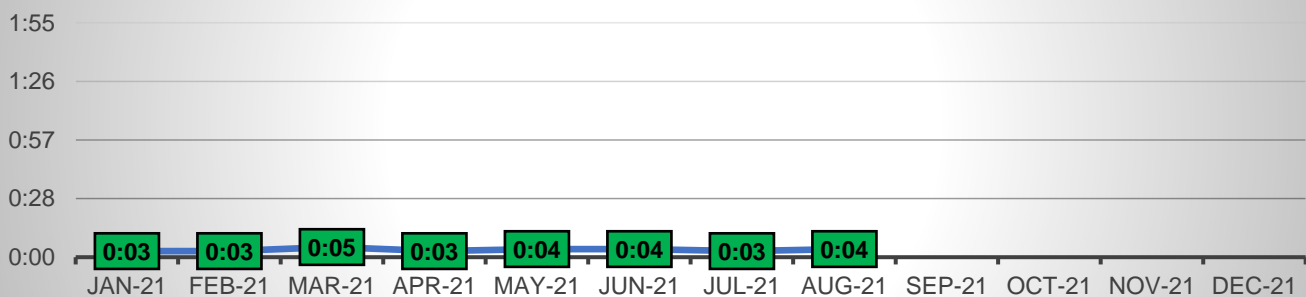
### 911 Transport Patient Count



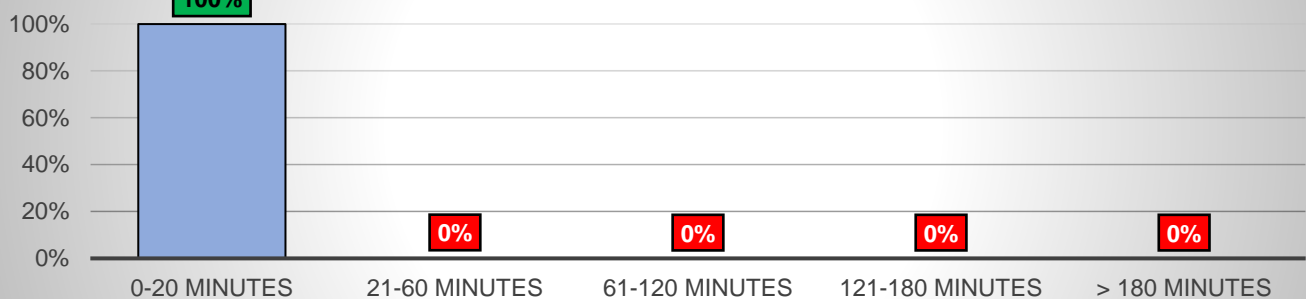
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



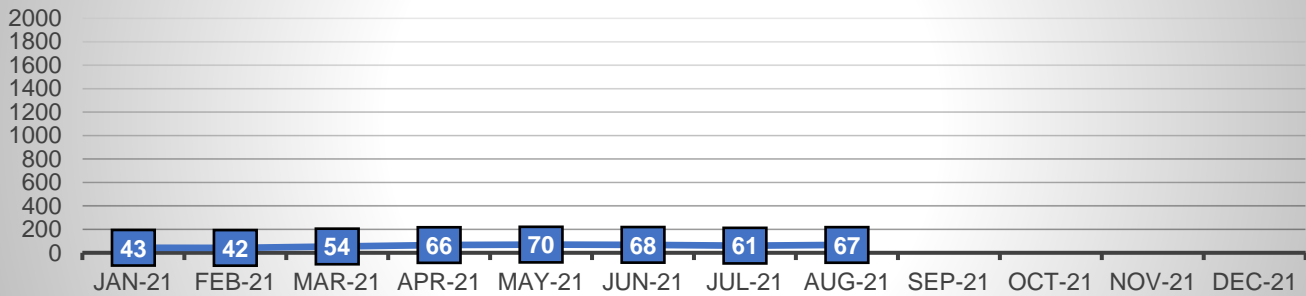
### APOT 2 - Patient Offload Time Interval Percentages



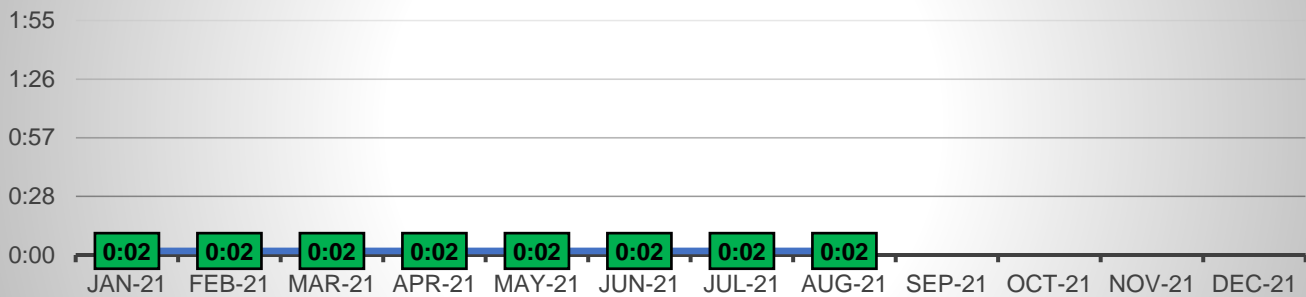


## Glenn Medical Center APOT

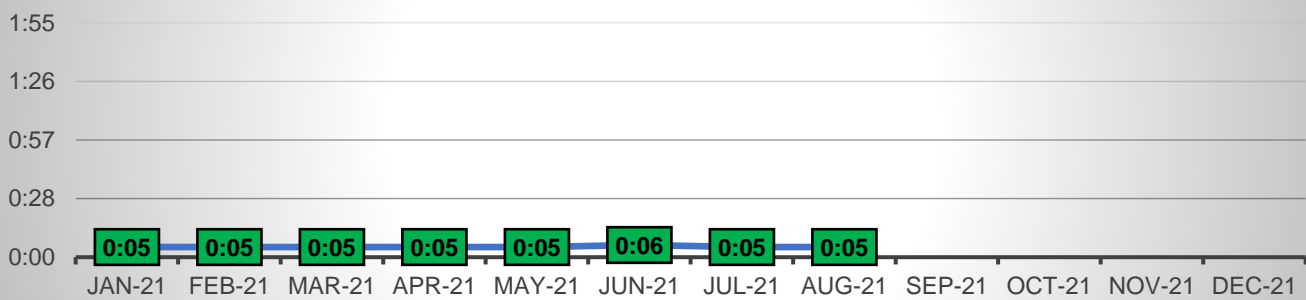
### 911 Transport Patient Count



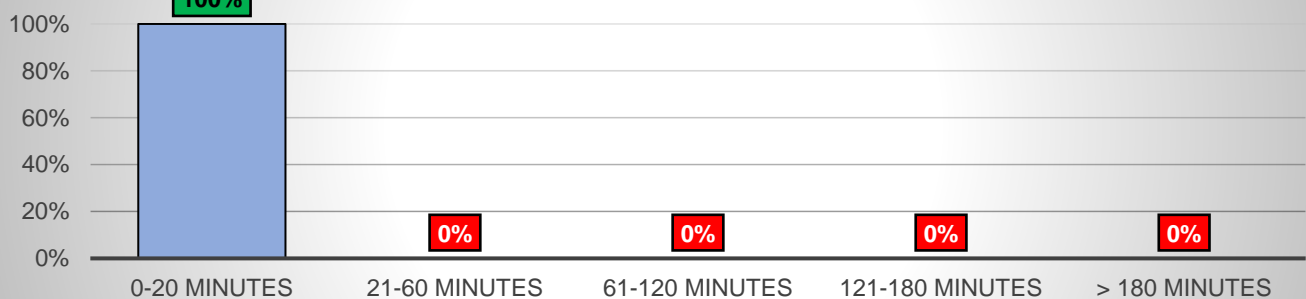
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



### APOT 2 - Patient Offload Time Interval Percentages

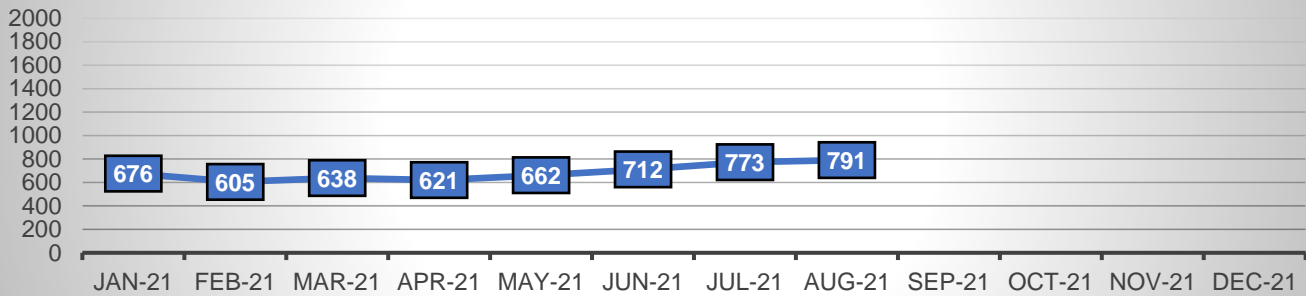




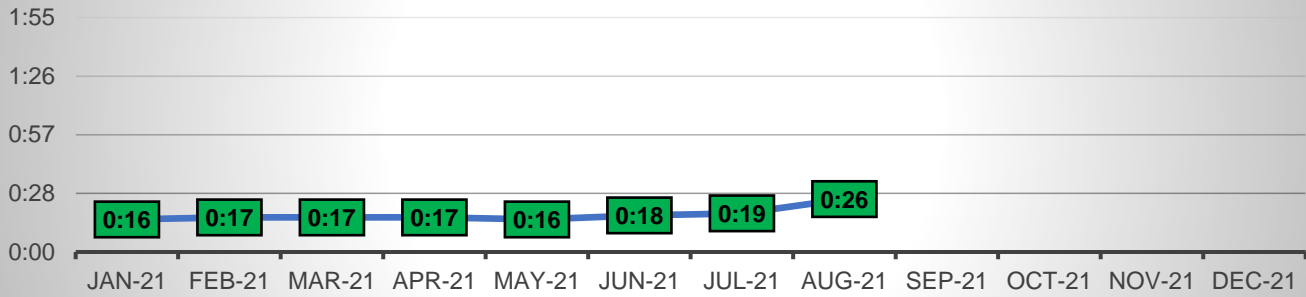


## Kaiser Roseville Medical Center APOT

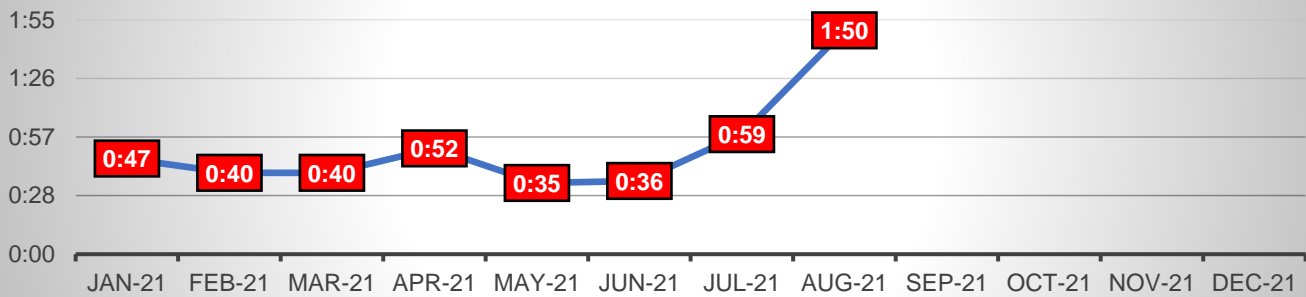
### 911 Transport Patient Count



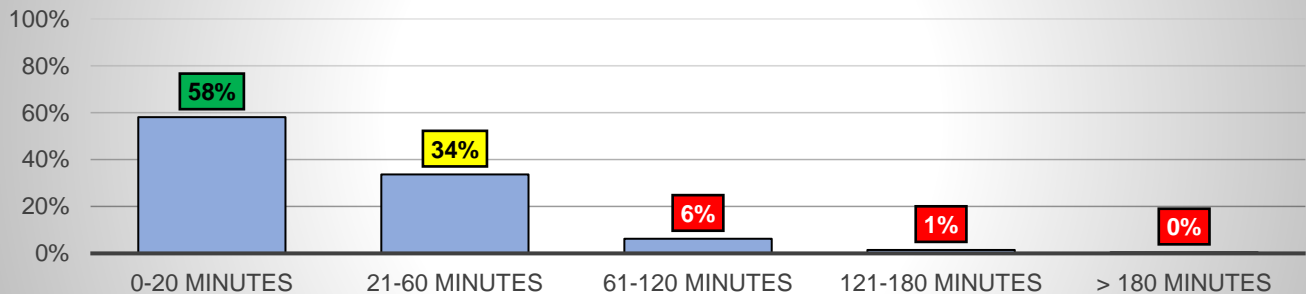
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



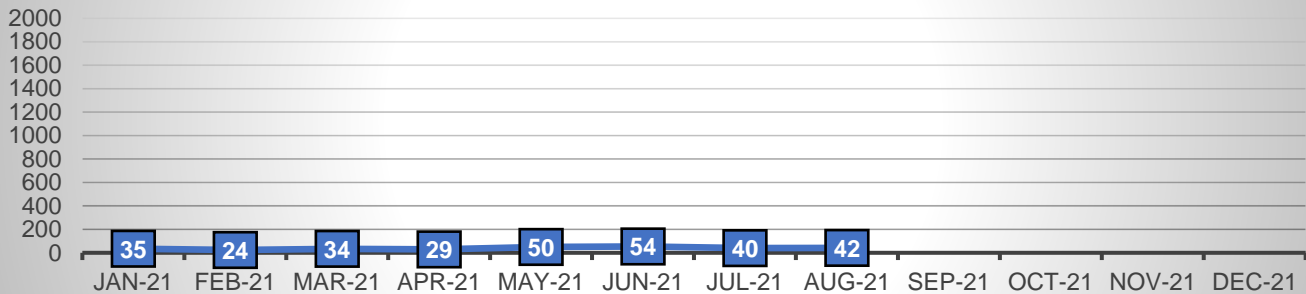
### APOT 2 - Patient Offload Time Interval Percentages



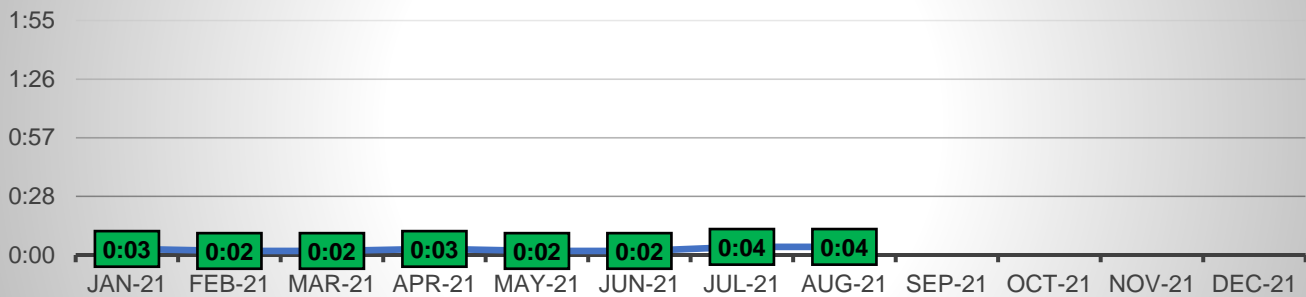


## Mayers Memorial Hospital APOT

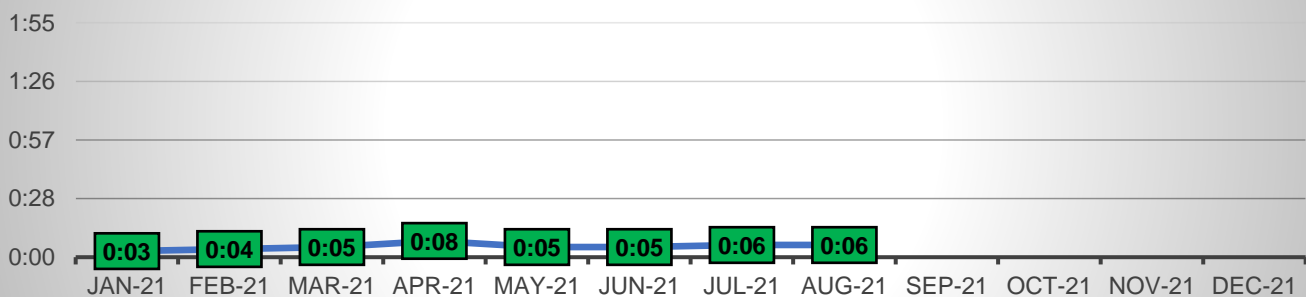
### 911 Transport Patient Count



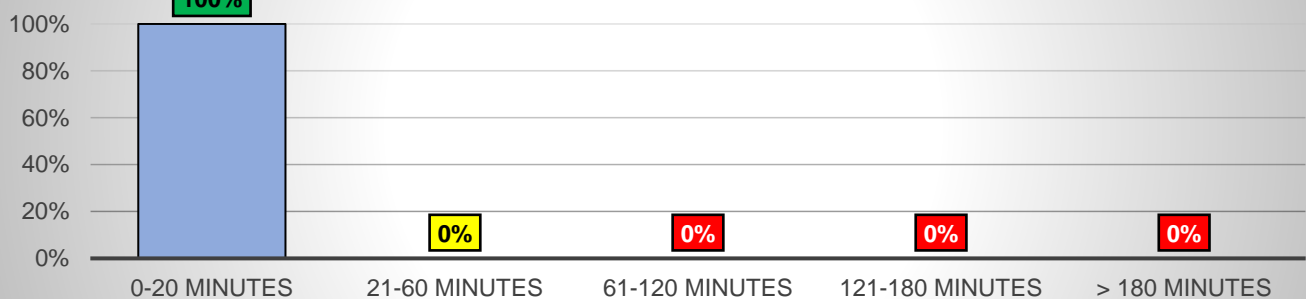
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



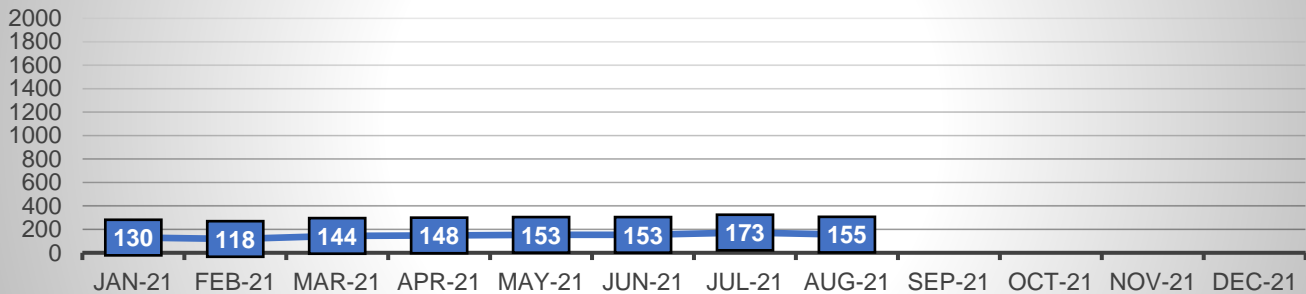
### APOT 2 - Patient Offload Time Interval Percentages



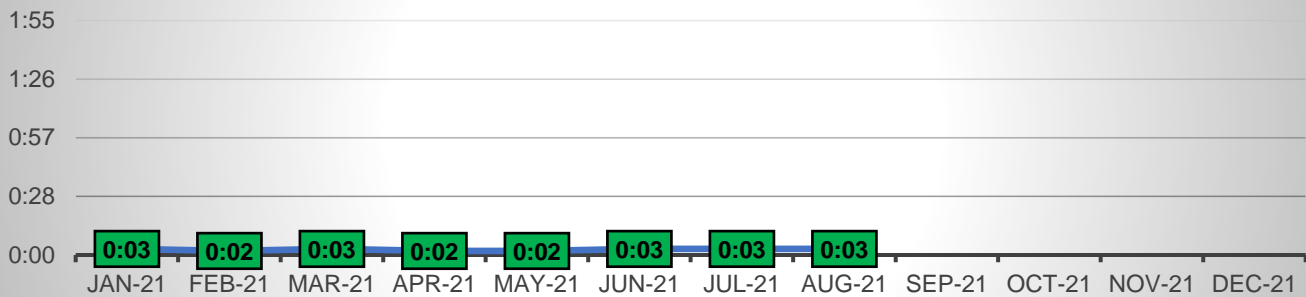


## Mercy Mt. Shasta Medical Center APOT

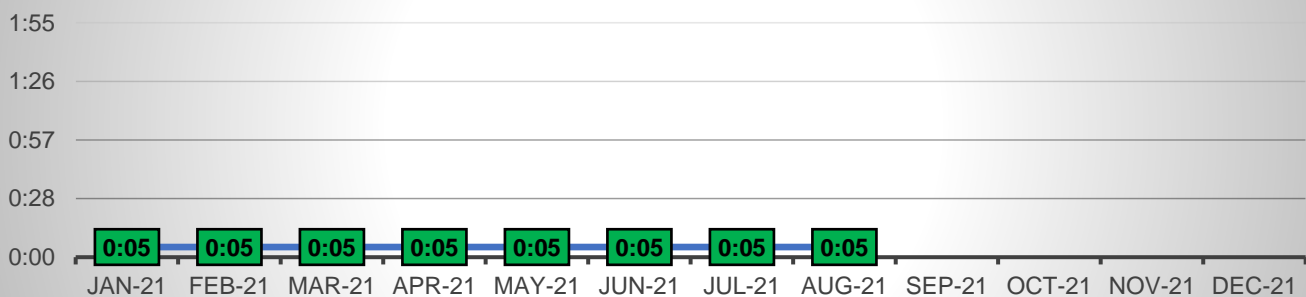
### 911 Transport Patient Count



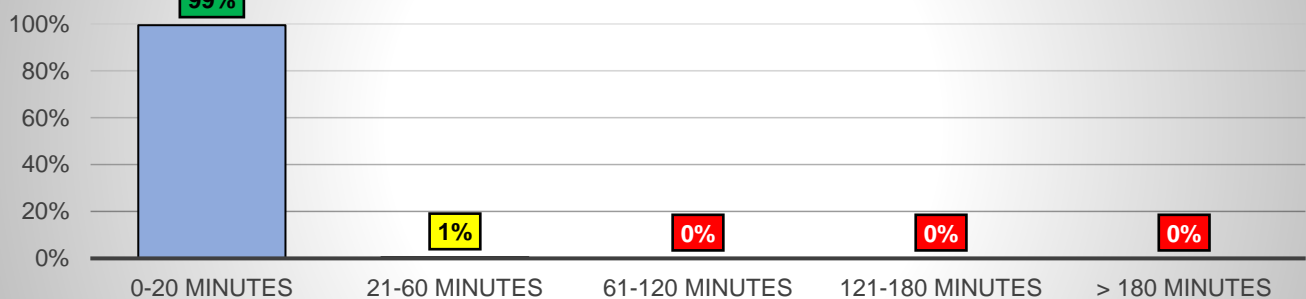
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



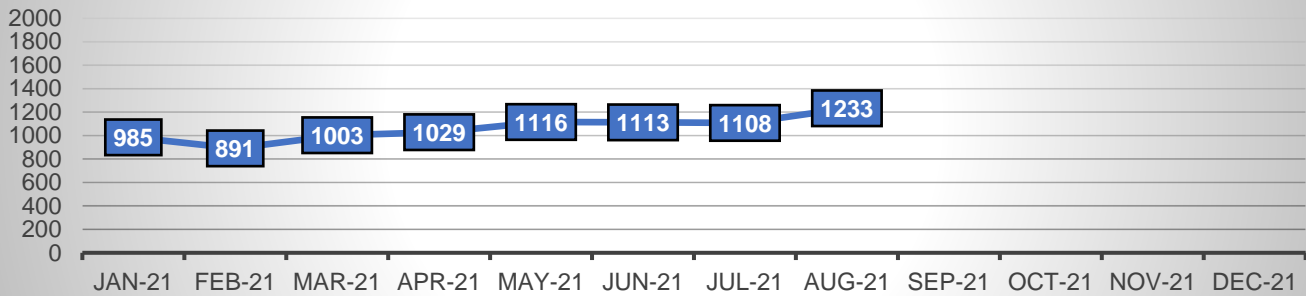
### APOT 2 - Patient Offload Time Interval Percentages



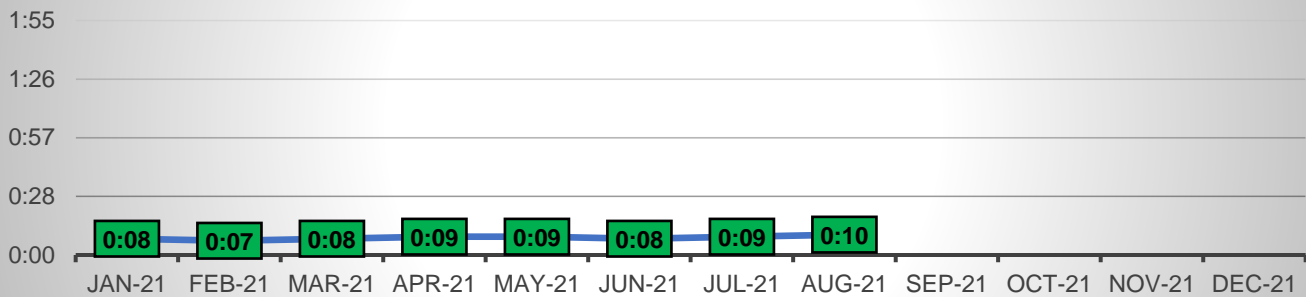


## Mercy Medical Center Redding APOT

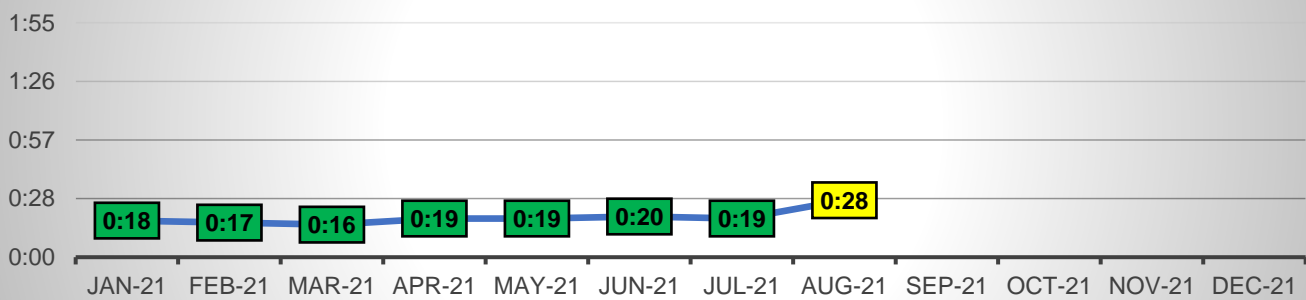
### 911 Transport Patient Count



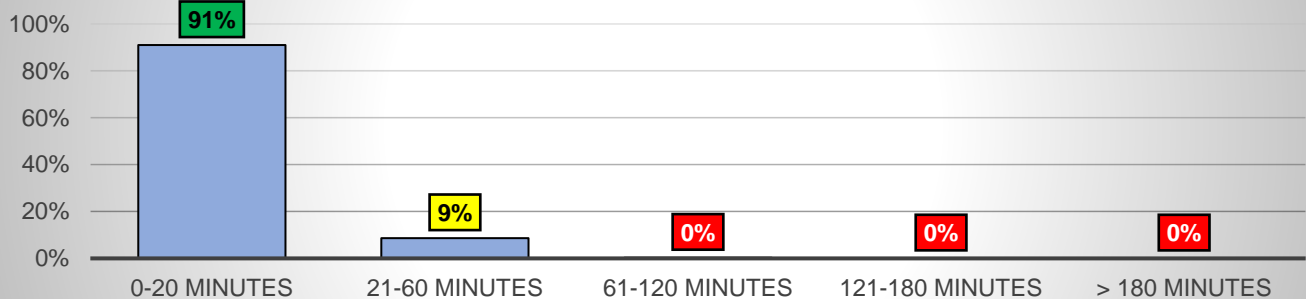
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



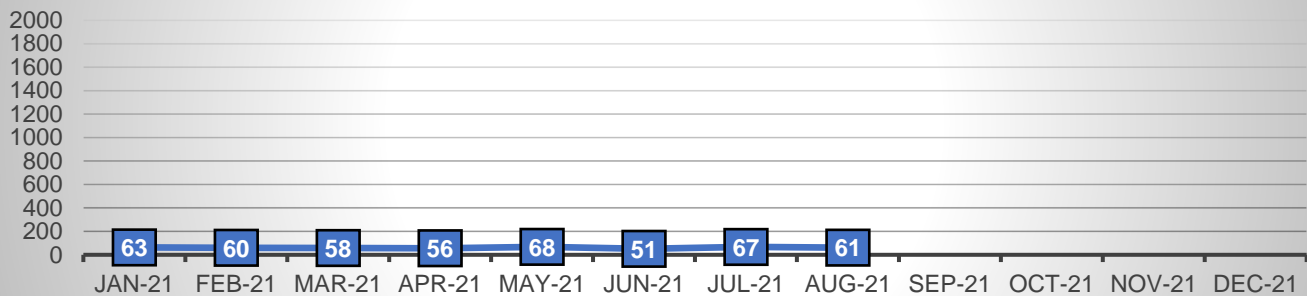
### APOT 2 - Patient Offload Time Interval Percentages



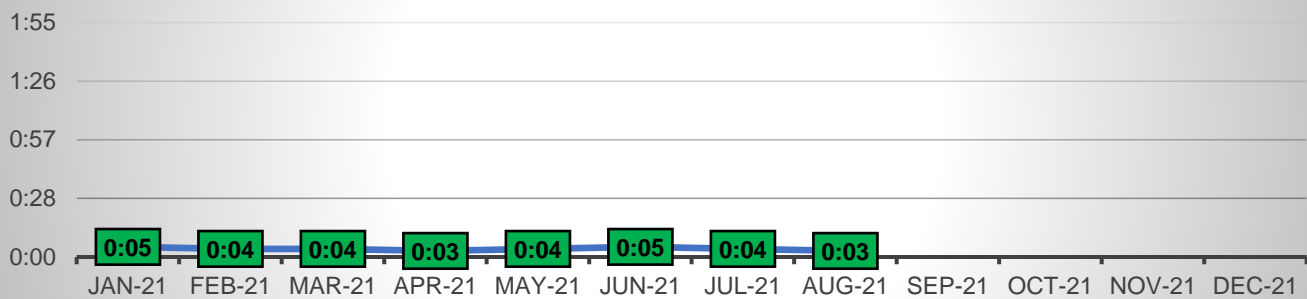


## Orchard Hospital APOT

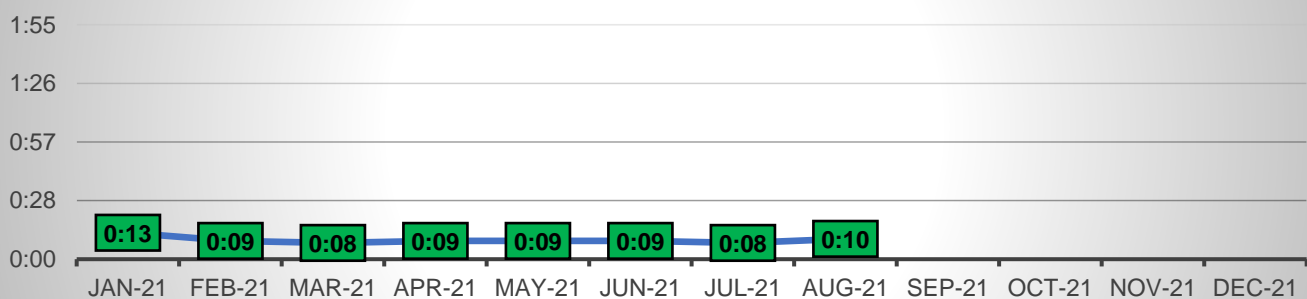
### 911 Transport Patient Count



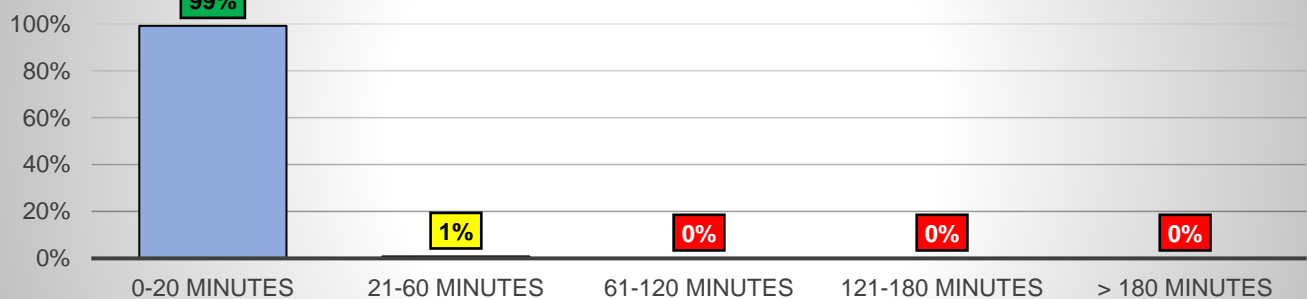
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



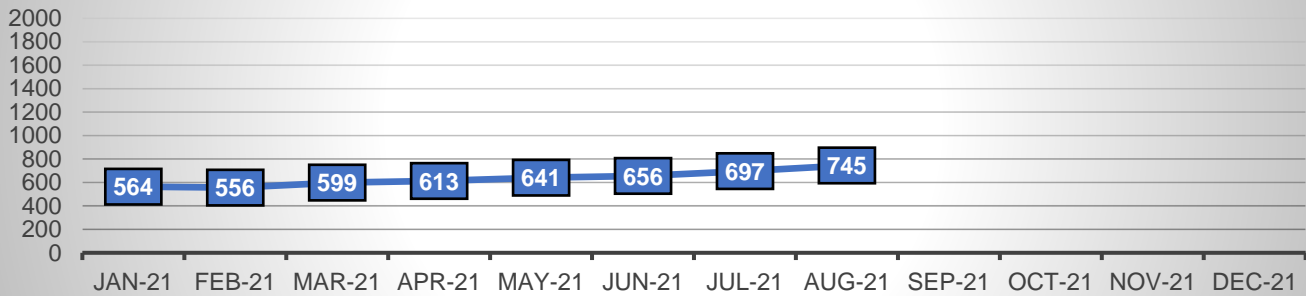
### APOT 2 - Patient Offload Time Interval Percentages



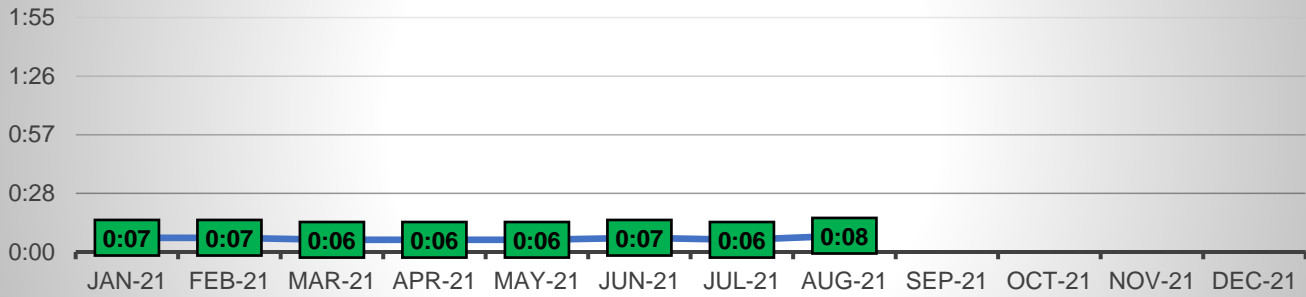


## Oroville Hospital APOT

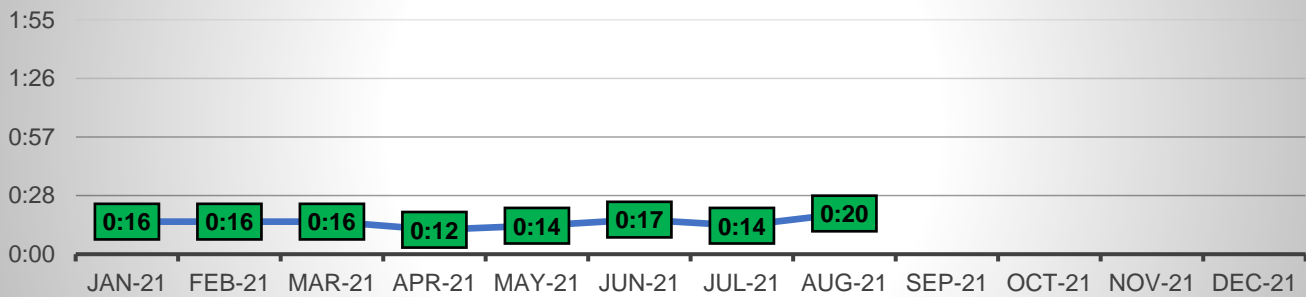
### 911 Transport Patient Count



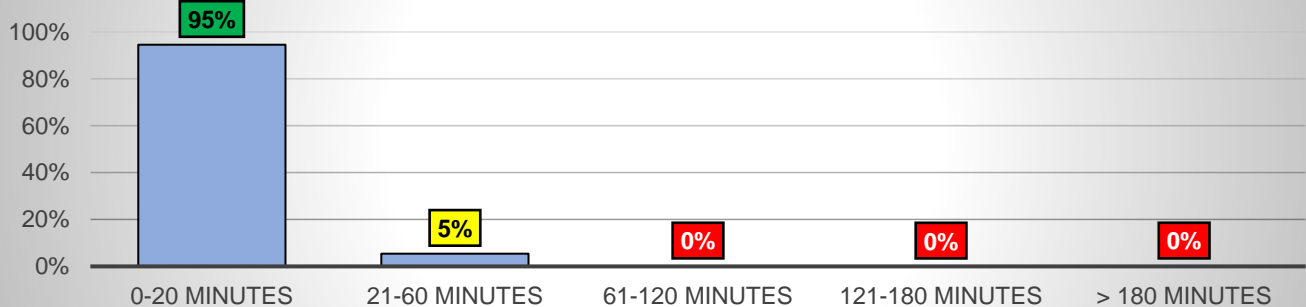
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



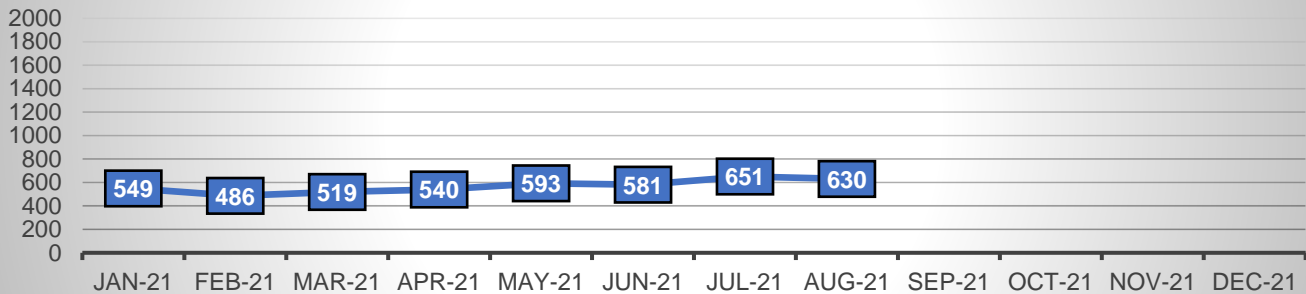
### APOT 2 - Patient Offload Time Interval Percentages



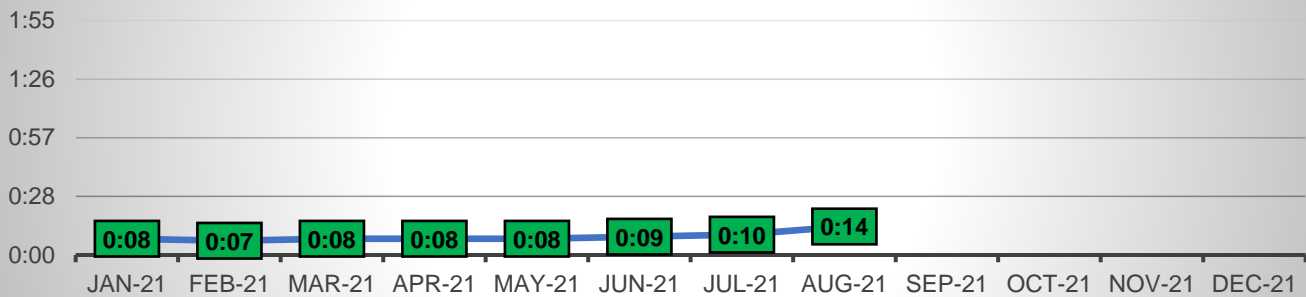


## Shasta Regional Medical Center APOT

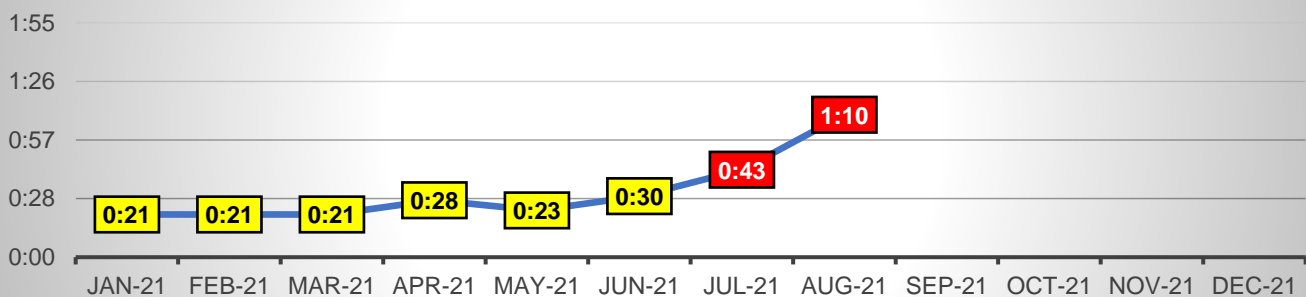
### 911 Transport Patient Count



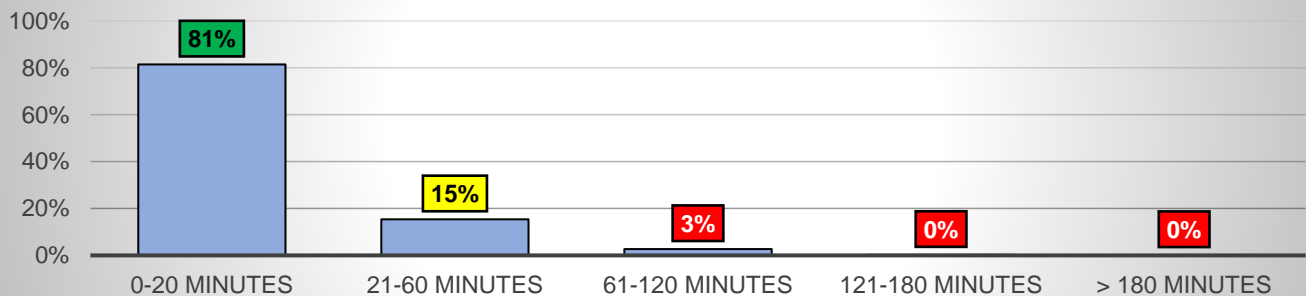
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



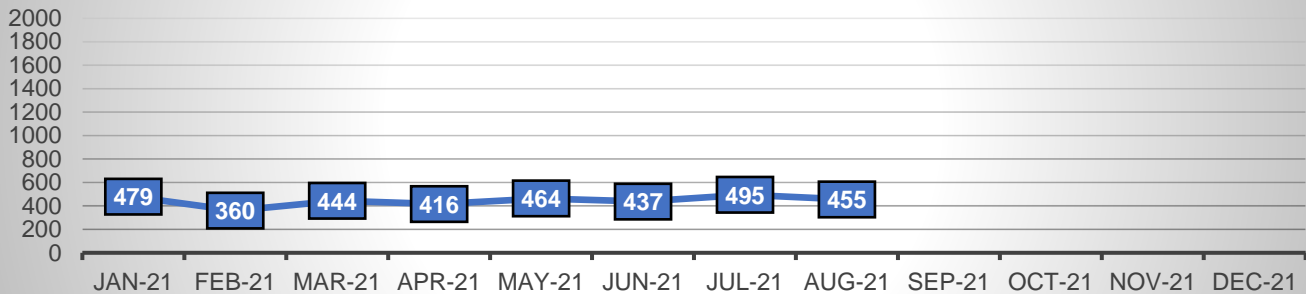
### APOT 2 - Patient Offload Time Interval Percentages



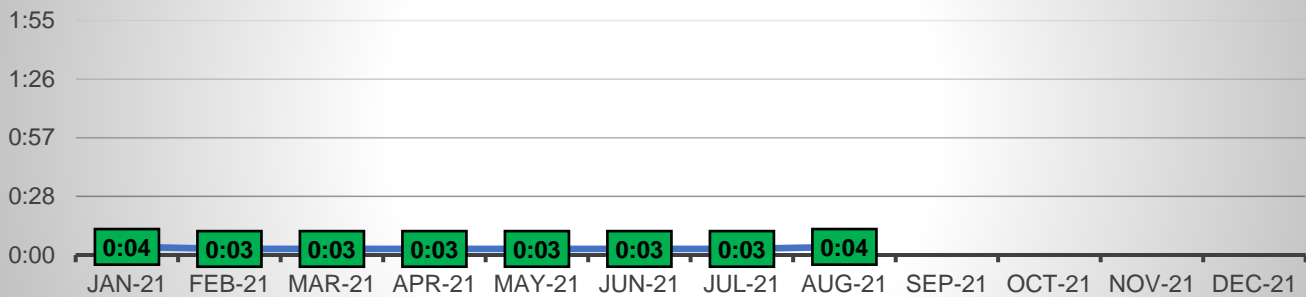


## Sierra Nevada Memorial Hospital APOT

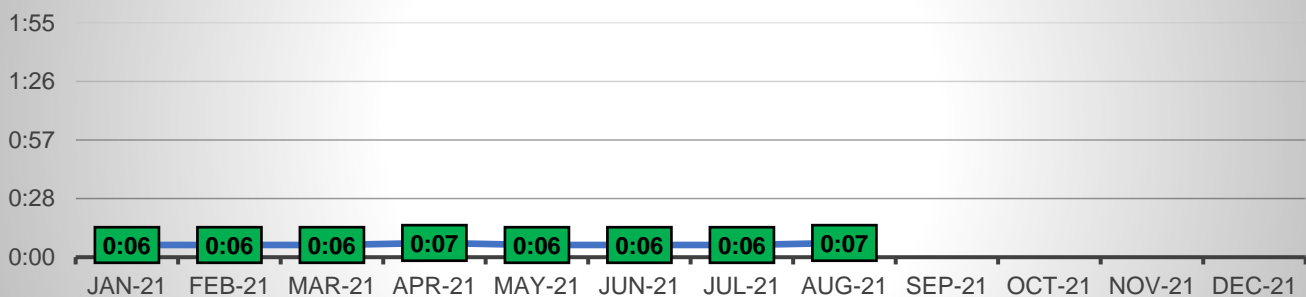
### 911 Transport Patient Count



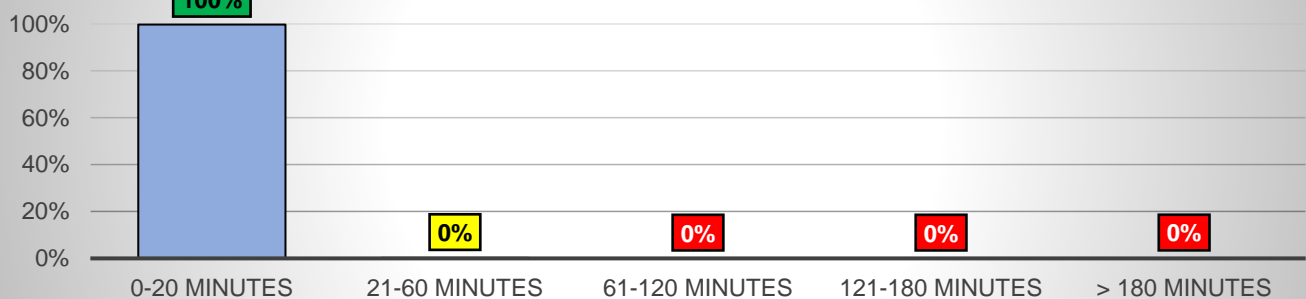
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



### APOT 2 - Patient Offload Time Interval Percentages

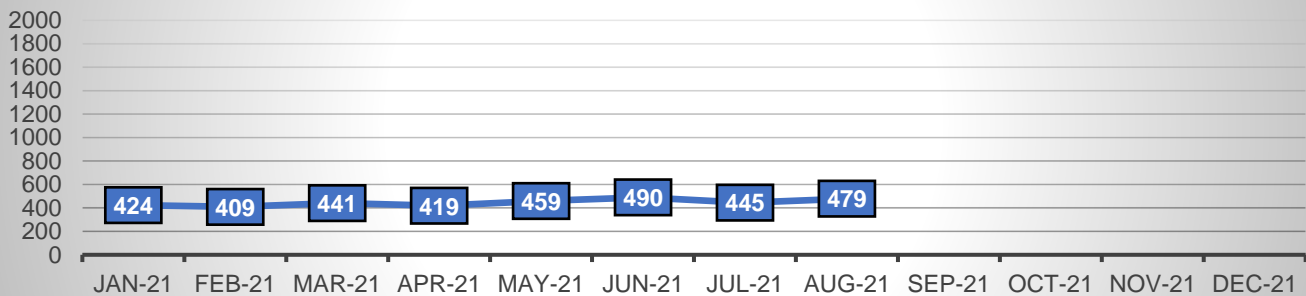




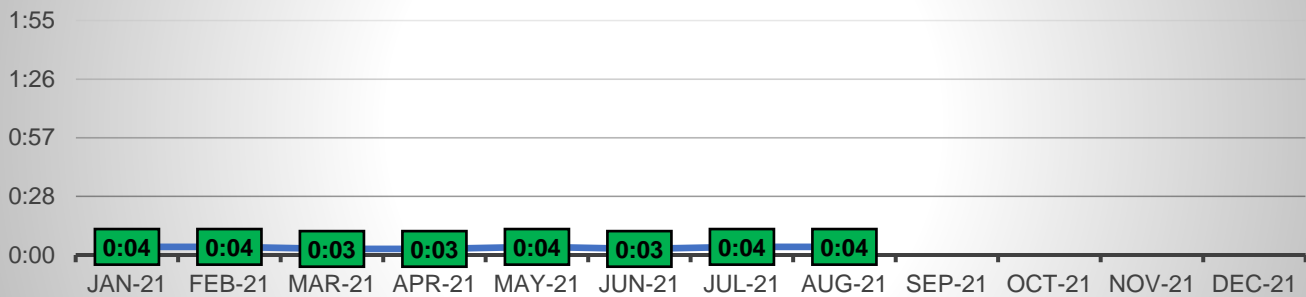


## St. Elizabeth Hospital APOT

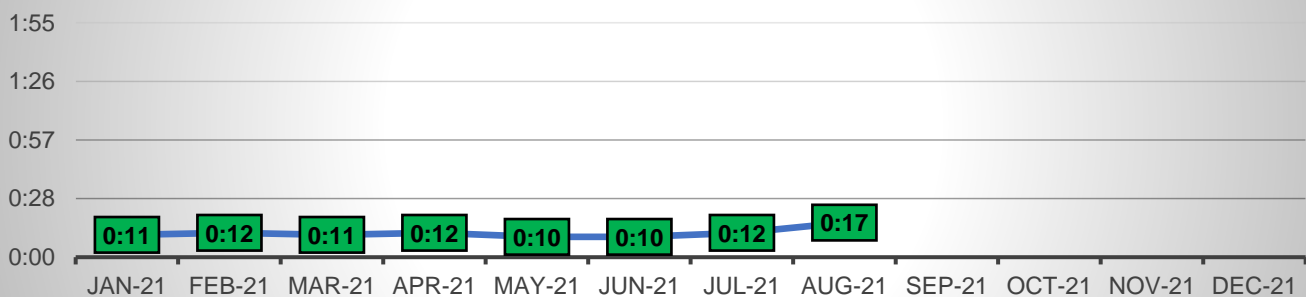
### 911 Transport Patient Count



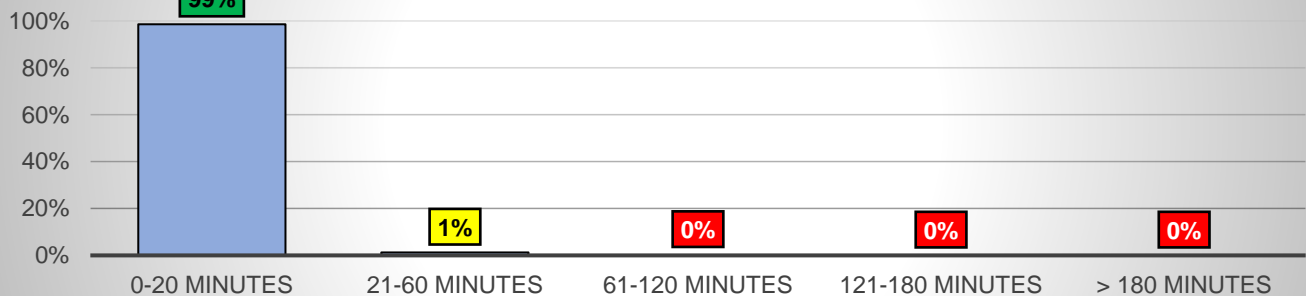
### APOT 1.1 - Median Patient Offload Time (H:MM)



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



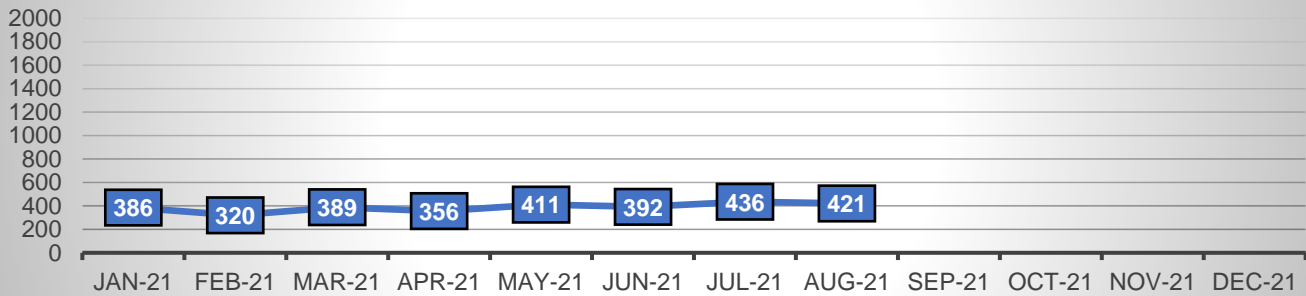
### APOT 2 - Patient Offload Time Interval Percentages



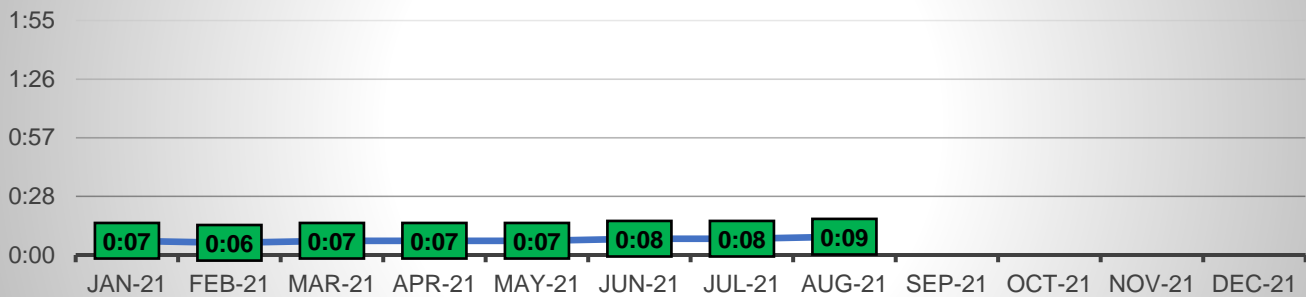


## Sutter Auburn Faith Hospital APOT

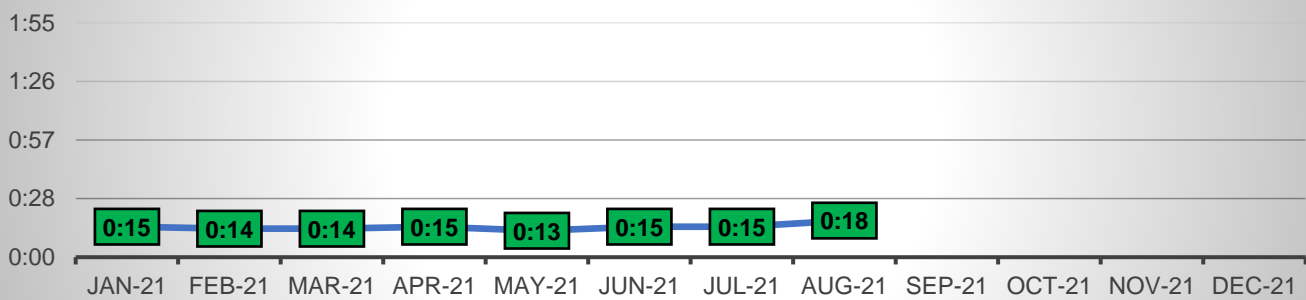
### 911 Transport Patient Count



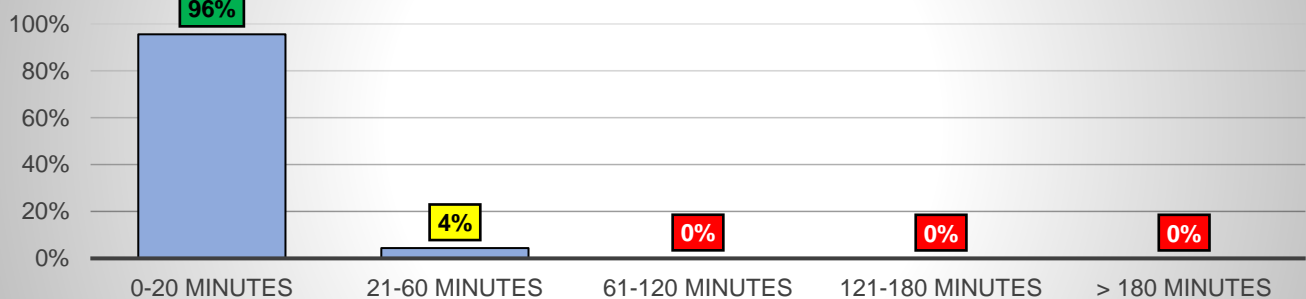
### APOT 1.1 - Median Patient Offload Time (H:MM)



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

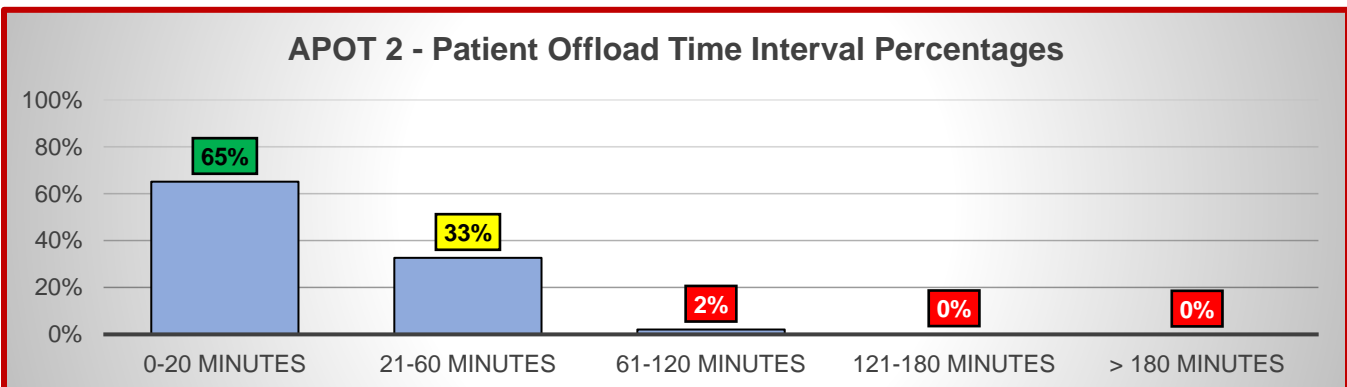
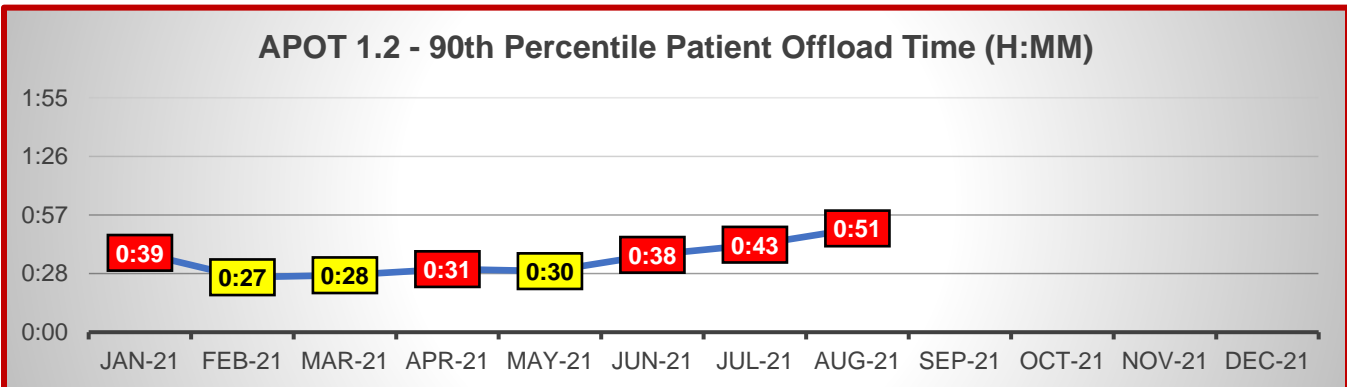
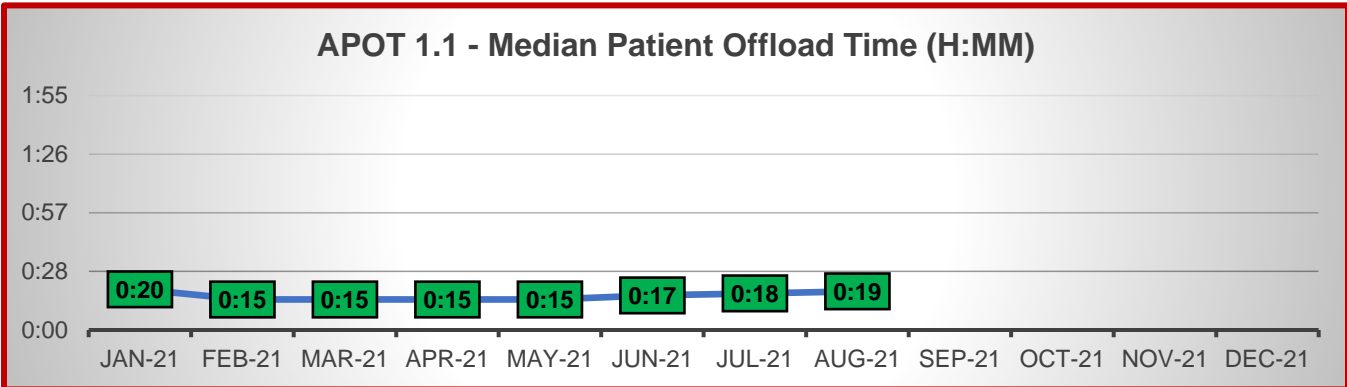
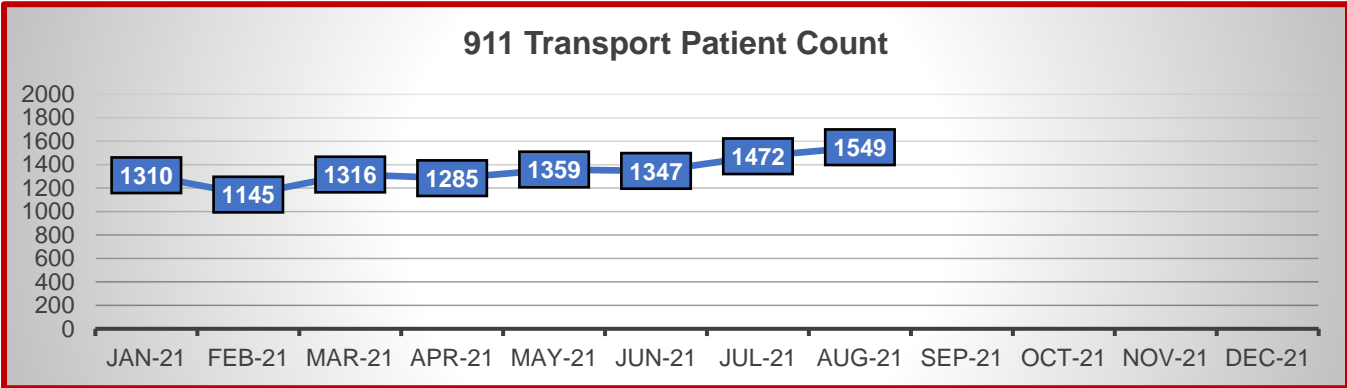


### APOT 2 - Patient Offload Time Interval Percentages





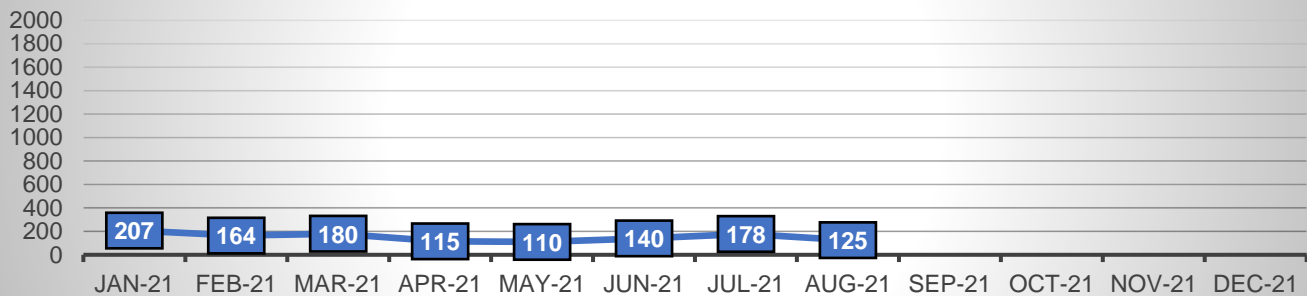
### Sutter Roseville Medical Center APOT



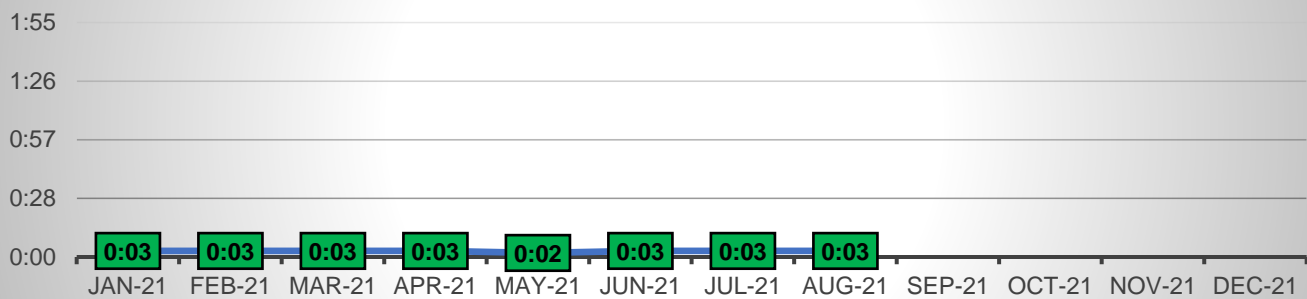


## Tahoe Forest Hospital APOT

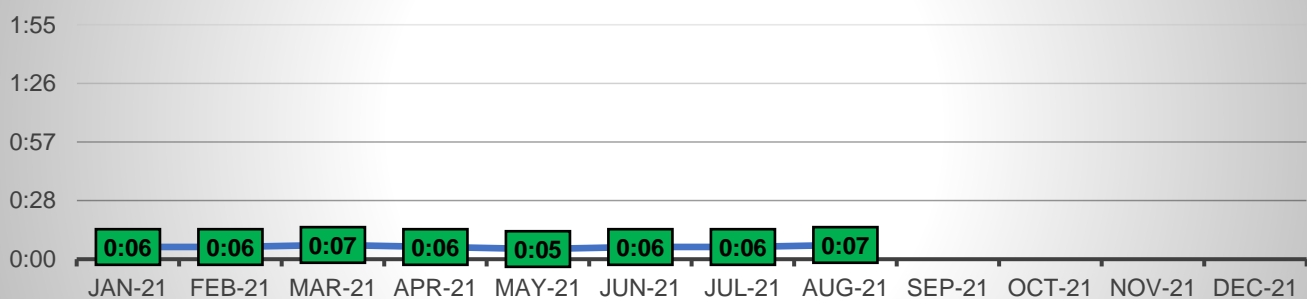
### 911 Transport Patient Count



### 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

