

# SMFR EMS Division



## Vision:

To be the premier provider of emergency medical services, recognized for excellence in patient care, innovative practices, and unwavering commitment to the communities we serve.

## Mission:

To consistently deliver high-quality emergency medical care and services through continuous improvement, advanced training, cutting-edge technology, and a patient-centered approach.

# SMFR EMS Division



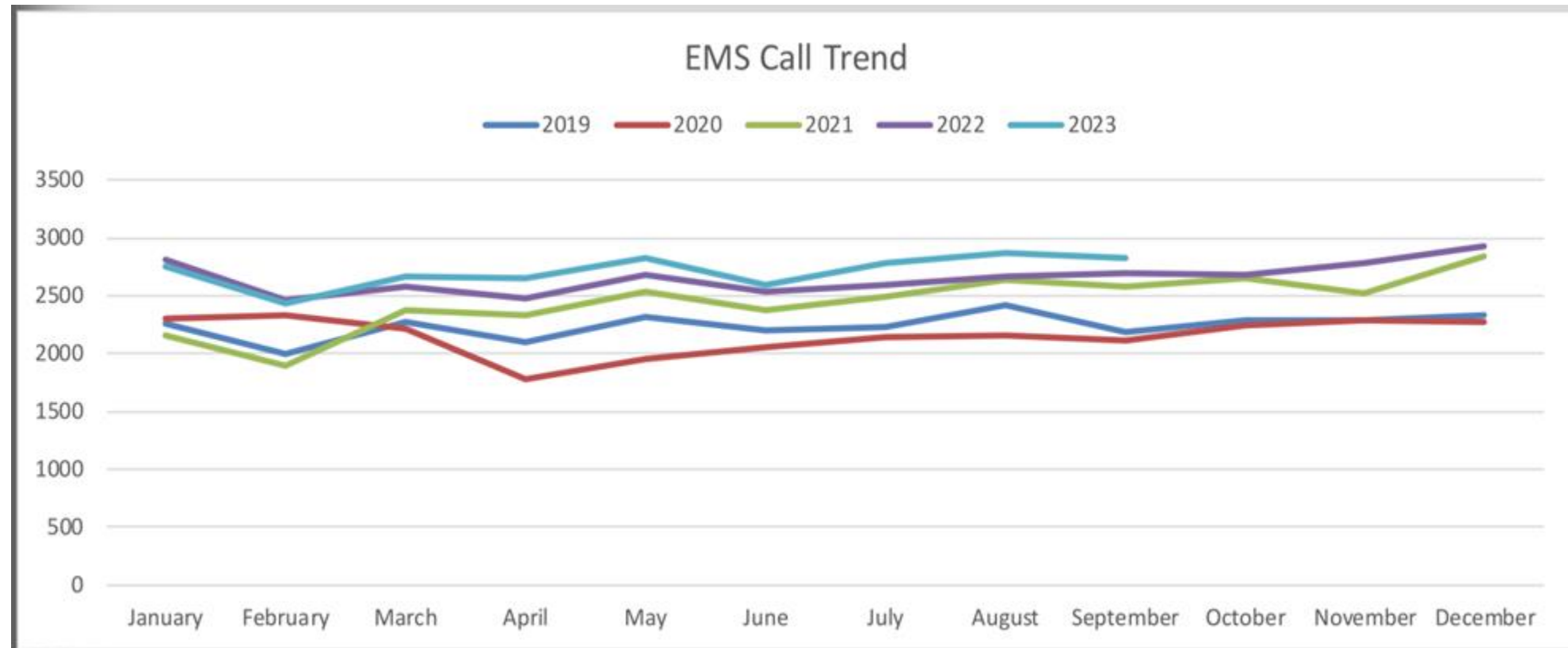
## Goals

- Continue to enhance CPR performance to improve survival rates and patient outcomes.
- Upgrade equipment to ensure optimal patient care and provider safety.
- Enhance response model to reduce response times and increase efficiency.
- Strengthen the EMS rank structure to improve leadership, communication, and collaboration.
- Expand medical capabilities to provide advanced treatments and interventions.

# SMFR EMS Division

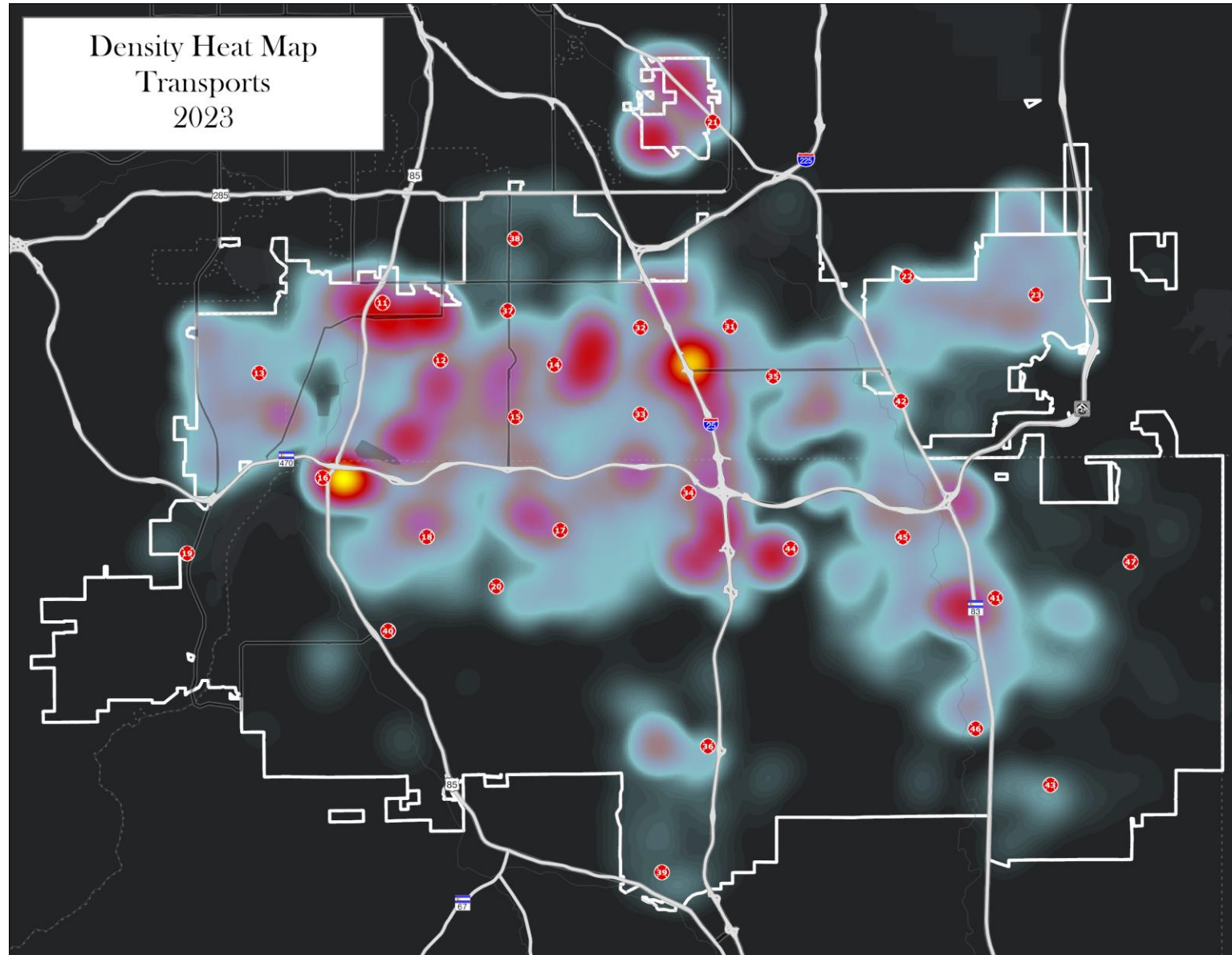


## Operations:





# SMFR EMS Division



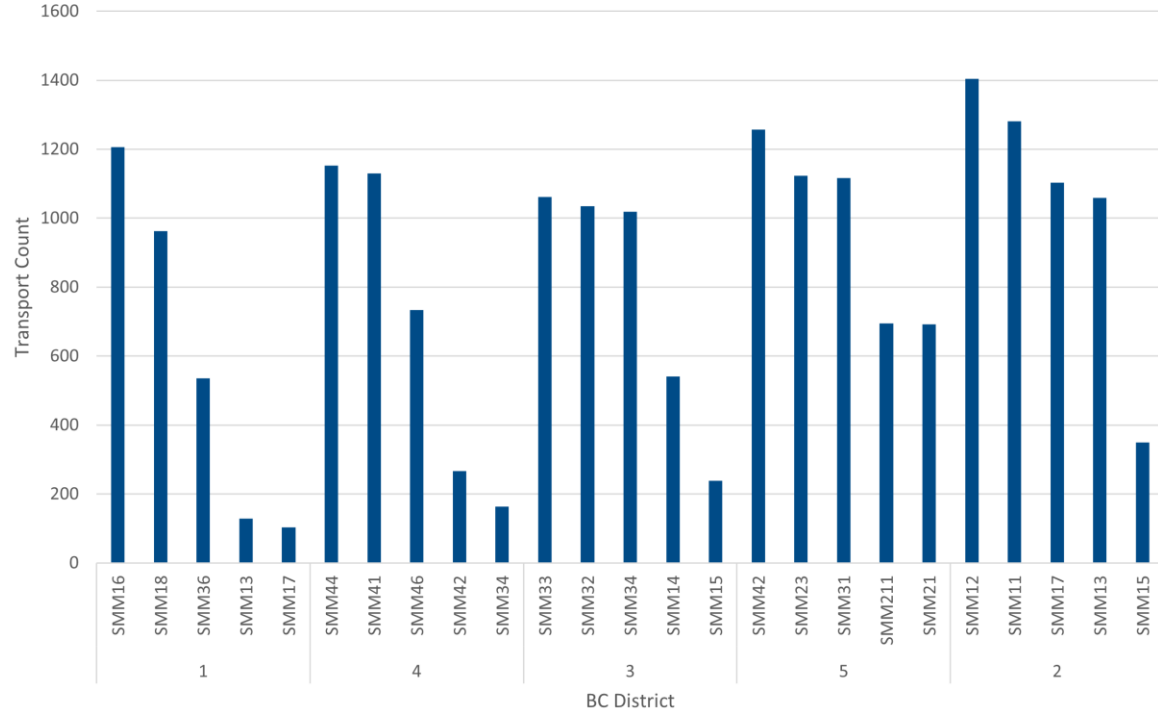


# SMFR EMS Division Total Transports 2023

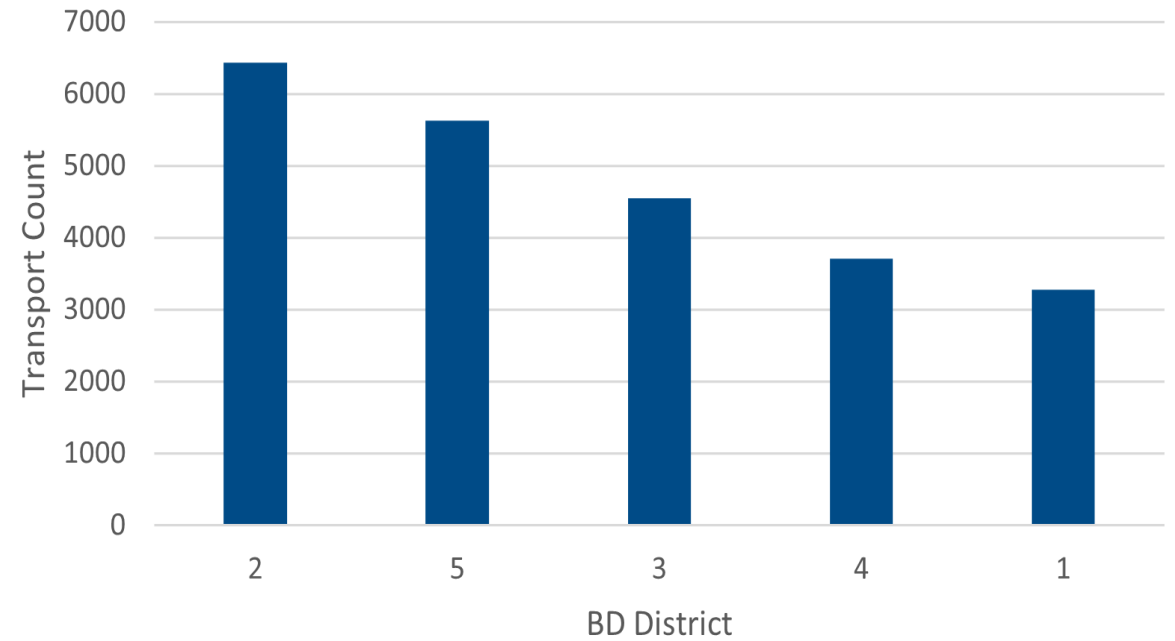
**23613 of 37376 total Medical**



Top 5 Transport Units per BC District, 2023



Number of Transports per BC District, 2023





# SMFR EMS Division



**2023:**

- **Cardiac Arrest:**
  - 311 Cardiac Arrest:
    - 111 ROSC (**36%**/NA 25%)
  - 38 Neurological intact (**12.2%**/NA 7.5%)
- **ALS Interventions**
  - **Diabetic Emergencies:** 202 D10 Administrations for 196 Patients
  - **Narcotic Overdose:** 497 Narcan Administrations for 363 Patients
- **Respiratory Emergencies:** 861 Albuterol Administrations for 718 Patients
- **Anaphylaxis – Allergic reactions:** 471 Epi IM administrations for 284 Patients
  - **Seizures – Status:** 478 Versed administrations for 378 Patients
    - **Cardiac Alert:** 154 STEMI Activations
      - **Stroke Alert:** 825 Activations
      - **Trauma Alert:** 434 Activations
      - **Field Newborn Delivery:** 8



# SMFR EMS Division



**2023:**

- HandTevy Implementation
  - EMS Rank Structure
  - 54 Medics through FTEP
  - New HP CPR Approach
- Delivery of 10 New Medic Units
- Aurora Stop the Bleed Campaign
  - Cadaver Training
  - 2 Paramedic Hiring Cycles
- Re-branding of Public Health Program



# SMFR EMS Division



## Questions ?





# SMFR EMS Division

## Cardiac Monitor Evaluation



### Why:

- Current Lifepak reached end of life with some Monitors being 14 + years old
- SMFR is outperforming LP15 capabilities (CPR data)
- QM takes days to weeks due to Lifenet system (Server, individual licenses, etc)
- Service cost increase
- Lifepak 35 replacement 3 + years out with increased cost



# SMFR EMS Division

## Cardiac Monitor Evaluation



Stryker – Lifepak15/35



Zoll – X Series Advanced



Tempus Pro - ALS



# SMFR EMS Division

## Cardiac Monitor Evaluation



- Collaborative approach between EMS, OPS, Training, Finance, Logistics, and Fleet
- Site Visit completed by EMS, ES, Medical Director and Finance
- Evaluation conducted by 70 Members ( EMT, Paramedics, Engineers, Logistics, Clinical Services)
- Financial analysis completed between EMS, ES, and Finance
- Evaluation Survey conducted – Capabilities, Service Support, Financial Aspect, Quality Management, Logistical Support, User Friendly/Training Support, and Weight/Dimensions



# SMFR EMS Division

## Cardiac Monitor Evaluation



Stryker – Lifepak15/35

### Pros:

- Currently used
- No training required

### Cons:

- Increased Maintenance
- No Real-life CPR feedback
- QM delay
- LP 35 3+ years out with increased price



Zoll – X Series Advanced

### Pros:

- Real-life CPR, BVM Feedback
- Improved technology
- Weight
- ICP/Hi Dashboards
- Live QM Dashboard
- Training provided

### Cons:

- New Device with training requirement



Tempus Pro - ALS

### Pros:

- Size, Larger Screen
- Live QM - Dashboard

### Cons:

- No AED Function
- Requires 3 devices
- Bluetooth based with connection delay
- New Device with training requirement



The number of ventilations with proper rate and volume at the same time increased from:

8% in target without coaching to  
86% in target with coaching

**+ 10X↑**





# SMFR EMS Division

## Cardiac Monitor Evaluation



### Recommendation

- Zoll was recommended by the field to be used as the new monitor
- Replace 51 Monitors on all ALS units (Medic, Engine, MED 1/2)
- Place 30 AEDs on Single Resource Response Units and Brush trucks



# SMFR EMS Division

## Cardiac Monitor Evaluation



### Financial Impact

- Move \$3,109,240.89 of the \$3,500,000 allocated in the 2025 Budget to 2024
- Price increase pending 1 April 2024 of up to 8% and 5-8% following that



# SMFR EMS Division



## Questions ?

# ***Fire Chief Selection Process***

## ***Board Update & Discussion 02/26/2024***

---



### What does the board want in the next Fire Chief

Job Description	Leadership Competencies
<p>Working with HR to review and present suggested modifications to current job description</p> <ul style="list-style-type: none"><li>• “Big 4” comparable agencies</li><li>• Other CO special districts</li><li>• Municipal departments</li></ul> <p>Discussion during Mar 4 meeting</p> <p>Think about:</p> <ul style="list-style-type: none"><li>• Duties</li><li>• Qualifications: Required vs. Preferred / Desired</li></ul>	<p>Job description is a prerequisite</p> <p>“FYI” tool/process</p> <ul style="list-style-type: none"><li>• Facilitated process</li><li>• 38 competencies</li><li>• Board determines N most important</li><li>• Same tool used to get input from L2086, command staff, staff, etc.</li><li>• Facilitator hired by board</li><li>• Dan Petersen – UFA, FESDI; RA/JA session 2/19</li></ul>

# ***Fire Chief Selection Process Board Update & Discussion 02/26/2024***

---



“What” phase – Initial timeline of meetings and activities, target 6/30 finish

	Target	Feb 26	Mar 4	Mar 18	Apr 1	Apr 15
Job Description	4/1	X	X	X	If needed	
Compensation Package	6/30					
Draft Employment Agreement	6/30					
Leadership Competencies	6/30					
High level review		X				
Facilitator introduction, setup				X		
Board starts “card” process					X	