

Vallejo Fire Department



Emergency Medical Services

EMERGENCY MEDICAL SERVICES STAFFING

- 5 Engine Companies and 1 Truck Company
 - Equipped and staffed for First Responder ALS Services
 - 24 hours a day
- Each Company consists of:
 - 1 Fire Captain EMT
 - 1 Engineer EMT
 - 1 Firefighter Paramedic
- Administrative Staff
 - 1 EMS Coordinator

PROGRAM RESPONSIBILITIES

- Field Crews
 - Provide Advanced Life Support to Vallejo citizens within 7 minutes.
 - Work cooperatively with the ambulance service provider.
 - Participate in city and community oriented programs including public health, community safety, and public education.
- EMS Staff
 - Facilitate continuing education and training.
 - Maintains all mandated records.
 - Provide supervision and quality assurance.
 - Develop and implement policy and programs to continuously improve our service to the community.

Public Private Partnership



Emergency Medical Services

Historical Perspective

- The Solano County Emergency Medical Services Cooperative (SCEMSC) was established in May 2000.
- Key components are:
 - The SCEMSC Ambulance Service Agreement.
 - The Public Private Partnership
 - The Non-transport ALS Agreement

Public Private Partnership

- Solano County Emergency Medical Services Cooperative Board.
 - Comprised of 7 members representing key system stakeholders.
- Single Transport Provider with Exclusive Right to Operate.
 - Medic Ambulance
- Fire Department First Responder ALS Agencies. (PPP Cities)
 - Benicia
 - Dixon
 - Fairfield
 - Vallejo

Public Private Partnership

- **Fundamental requirements of the PPP Agreement.**
 - Mandated response to requests for medical aid.
 - We must respond.
 - Response time requirements
 - We must arrive on scene within 7 minutes or less, 90% of the time.
 - Quality Assurance and Program Oversight.
 - We must have a Physician Medical Director
 - We must have a Quality Assurance Coordinator

Cooperative System

- Municipal 911 call centers receive and process calls.
- A First Responder ALS fire apparatus is dispatched.
- A request is made to the transporting ALS agency to dispatch an appropriate unit
- The first arriving unit begins the process of assessing and treating the patient.
- Once the ALS transporting agency is on the scene, one of the following occurs.

Cooperative System

1. No transport is needed. The ambulance and fire department are cancelled and both return to service.
2. If patients are stable, A transfer of patient care occurs. The first responder paramedic provides a report to the transporting paramedic. The patient is then transported to the hospital and the fire company returns to service.
3. If patients are critical, the first responder paramedic and the transporting medic work together to care for the patient. Both paramedics remain with the patient during transport to the hospital.

Public Private Partnership

- **Benefits of the PPP Cooperative Model.**
 - Compliment of staffing
 - Program funding and support to first responder agencies
 - Mutual Aid Agreement
 - Efficient use of cooperative resources.

Public Private Partnership

- **Benefits of the PPP Cooperative Model.**
 - Compliment of staffing
 - PPP arrangement provides optimum staffing to reinforce the high standards of patient care.
 - Working cooperatively and efficiently, it keeps paramedics available to respond to emergencies.

Public Private Partnership

- **Benefits of the PPP Cooperative Model.**
 - Program funding and support to first responder agencies
 - \$670,000 per year for Vallejo
 - Replacement and exchange of all disposable equipment and supplies
 - Mutually provided training between Medic Ambulance Service and Vallejo Fire.

Public Private Partnership

- **Benefits of the PPP Cooperative Model.**
 - Mutual Aid Agreement
 - Ensures a consistently high level of care for the citizens even when mutual aid companies are operating within the city.
 - Every paid professional fire department in Solano County provides paramedic services.

Public Private Partnership

- **Benefits of the PPP Cooperative Model.**
 - Efficient use of cooperative resources.
 - The existence of the PPP and the First Responder ALS Agencies allows greater flexibility to the transport provider by increasing their mandated response times to 12 minutes in urban areas and 15 minutes in rural areas.

Calls For Service

July 1st, 2011 to June 30th, 2012

- Responded to 12,162 calls for service.
- Of those, 10,037 were for medical emergencies
- This represents 82.52% of the departments calls for service.
- Approximately 7,700 calls were subject to the response time standard.
- For these calls the departments average response time was approximately 4 minutes and 57 seconds.

Calls For Service

- Approximately 28% are trauma related.
 - Falls
 - Accidents
 - Shooting, stabbings, assaults
 - 9% are related to violent crime.
- The remainder relate to medical issues.
 - Cardiac
 - Respiratory
 - Diabetic
 - Other...

Calls For Service

- Vallejo Accounted for 48% of the calls for service in Solano County.
- 28% of our medical calls involve trauma.
- Increase in frequency of “Field Saves”.
- Mitigated the largest Multiple Causality Incident in Solano County history.
 - 95 patients were triaged, treated, and transported to area hospitals

Training

- We have provided ICS Training to our staff as well as key individuals from Medic Ambulance
- We have cooperatively provided and received EMS training for and from other Partnership Agencies.

Activities and Events

- Community Education
 - CPR
 - Basic First Aid
- Participated in County Wide Disaster Drill.
- Participated in Vallejo Multi-Agency Multiple Causality Drill.
- Currently participating in the planning for Statewide Earthquake Drill scheduled for November 1012.

Accomplishments

- Priority Dispatch
- Improved Response Time Reporting
- Compliance with all PPP requirements.
- Expansion and Updating of Public Access AED Program
- Implementation of new Electronic Patient Care Reporting System.

Goals

- Expand our community education programs.
- Evaluate statistical data in an effort to improve the level of Emergency Medical Service that we provide.
- Continue to evaluate our service delivery model to create efficiencies and improvements based on what is best for the community.
- Utilize emerging trends and best practices to guide our service advancements. But just as important we want to use innovation.

Questions