

**SACRAMENTO COUNTY**

**EMERGENCY MEDICAL SERVICES PLAN**

*Prepared By:*

*Sacramento County Department of Health and Human Services*

*Emergency Medical Services Agency*

*Date*

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*Updated*

*April, 2007*

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## **SECTION III**

### **System Resources and Operations**

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**TABLE 2: SYSTEM RESOURCES AND OPERATIONS**  
**System Organization and Management**

EMS System: Sacramento County

Reporting Year: FY 06/07

**NOTE:** Number (1) below is to be completed for each county. The balance of Table 2 refers to each agency.

1. Percentage of population served by each level of care by county:

(Identify for the maximum level of service offered; the total of a, b, and c should equal 100%.)

County: Sacramento

- a. Basic Life Support (BLS) 0 %
- b. Limited Advanced Life Support (LALS) 0 %
- c. Advanced Life Support (ALS) 100 %

2. Type of agency:

- a - Public Health Department
- b - County Health Services Agency
- c - Other (non-health) County Department
- d - Joint Powers Agency
- e - Private Non-profit Entity
- f - Other:

a

3. The person responsible for day-to-day activities of EMS agency reports to:

- a - Public Health Officer
- b - Health Services Agency Director/Administrator
- c - Board of Directors
- d - Other:

a

4. Indicate the non-required functions which are performed by the agency:

Implementation of exclusive operating areas (ambulance franchising)

Designation of trauma centers/trauma care system planning ✓

Designation/approval of pediatric facilities

Designation of other critical care centers

Development of transfer agreements

**Table 2 - System Organization & Management (cont.)**

B. SOURCES OF REVENUE	\$ _____
Special project grant(s) [from EMSA]	
Preventive Health and Health Services (PHHS) Block Grant	
Office of Traffic Safety (OTS)	
State general fund/County general fund	
Other local tax funds (e.g., EMS district)	
County contracts (e.g. multi-county agencies)	
Certification fees	<u>29,015</u>
Training program approval fees	
Training program tuition/Average daily attendance funds (ADA)	
Job Training Partnership ACT (JTPA) funds/other payments	
Base hospital application fees/Base hospital designation fees	
Trauma center application fees	
Trauma center designation fees	<u>157,178</u>
Pediatric facility approval fees/Pediatric facility designation fees	
Other critical care center application/designation fees	
Ambulance service/vehicle fees	
EMS Fund (SB 12/612)	<u>1,626,797</u>
Other grants:	
Other fees: <u>Pre-hospital fees</u>	<u>151,985</u>
Other (specify): <u>Cigarette tax revenue (AB75, AB430, EMSA)</u>	<u>889,011</u>
Other fees: <u>Trauma Fund and Miscellaneous</u>	<u>937,528</u>
<b>TOTAL REVENUE</b>	<b><u>\$3,791,514</u></b>

*TOTAL REVENUE SHOULD EQUAL TOTAL EXPENSES.  
IF THEY DON'T, PLEASE EXPLAIN BELOW.*

**Table 2 - System Organization & Management (cont.)**

Other critical care center application

Type:

Other critical care center designation

Type:

Ambulance service license

Ambulance vehicle permits

Other:

Other:

Other:

7. Complete the table on the following two pages for the EMS agency staff for the fiscal year of 06/07.

**Table 2 - System Organization & Management (cont.)**

CATEGORY	ACTUAL TITLE	FTE POSITIONS (EMS ONLY)	TOP SALARY BY HOURLY EQUIVALENT	BENEFITS (% of Salary)	COMMENTS
Dispatch Supervisor					
Medical Planner					
Dispatch Supervisor					
Data Evaluator/ Analyst					
QA/QI Coordinator					
Public Info. & Ed.Coord.					
Ex. Secretary	Senior Office Assistant	1	17.70	24%	
Other Clerical	Office Assistant (Iv II)	1	15.38	24%	
Data Entry Clerk					
Other					

**TABLE 3: SYSTEM RESOURCES AND OPERATIONS -- Personnel/Training**

EMS System: Sacramento County Reporting Year: 2005/06 (1 July - 30 June)

**NOTE:** Table 3 is to be reported by agency.

	<u>EMT - Is</u>	<u>EMT - IIs</u>	<u>EMT - Ps</u>	<u>MICN</u>	<u>EMS Dispatchers</u>
<u>Total certified</u>	<u>1522</u>	<u>n/a</u>		<u>219</u>	<u>n/a*</u>
<u>Number of newly certified this year</u>	<u>172</u>	<u>n/a</u>		<u>46</u>	<u>/a*</u>
<u>Number of recertified this year</u>	<u>629</u>	<u>n/a</u>		<u>70</u>	<u>/a*</u>
<u>Total number of accredited personnel on July 1 of the reporting year</u>			<u>911</u>		
<u>Number of certificate reviews resulting in:</u>					
<u>a) formal investigations</u>	<u>0</u>				
<u>b) probation</u>	<u>0</u>				
<u>c) suspensions</u>	<u>0</u>				
<u>d) revocations</u>	<u>0</u>				
<u>e) denials</u>	<u>0</u>				
<u>f) denials of renewal</u>	<u>0</u>				
<u>g) no action taken</u>	<u>0</u>				

1. Number of EMS dispatchers trained to EMSA standards: 24\*\*
2. Early defibrillation:
  - a) Number of EMT-I (defib) certified 1522
  - b) Number of public safety (defib) certified (non-EMT-I) 0
3. Do you have a first responder training program?  yes  no

\* The EMS Agency Does not certify Dispatchers \*\* The County's Communications Center does train and employ dispatchers

**TABLE 5: SYSTEM RESOURCES AND OPERATIONS -- Response/Transportation (cont.)**

**SYSTEM STANDARD RESPONSE TIMES (90TH PERCENTILE)**

Enter the response times in the appropriate boxes.	<b>METRO/URBAN</b>	<b>SUBURBAN/RURAL</b>	<b>WILDERNESS</b>	<b>SYSTEM WIDE</b>
1. BLS and CPR capable first responder.	4-6 minutes	4-6 minutes	n/a	n/a
2. Early defibrillation capable responder.	4-6 minutes	4-6 minutes	n/a	n/a
3. Advanced life capable responder.	4-6 minutes	20 minutes	n/a	n/a
4. EMS transport unit.	6-8 minutes	20 minutes	n/a	n/a

**TABLE 7: SYSTEM RESOURCES AND OPERATIONS -- Disaster Medical**

EMS System: Sacramento County

County: Sacramento

Reporting Year: 2006

**NOTE:** Table 7 is to be answered for each county.

**SYSTEM RESOURCES**

1. Casualty Collections Points (CCP)

a. Where are your CCPs located? Fixed: Sacramento International Airport, Mather Air Field, McClellan Park, Sacramento Executive Airport. Others may be designated based on incident conditions.

b. How are they staffed? Paramedics, nurses, physicians & volunteers.

c. Do you have a supply system for supporting them for 72 hours?      yes []    no [

2. Critical Incident Stress Debriefing (CISD)

Do you have a CISD provider with 24 hour capability?      yes []    no [

3. Medical Response Team

a. Do you have any team medical response capability?      yes []      no [

b. For each team, are they incorporated into your local response plan?      yes []      no [

c. Are they available for statewide response?      yes []      no [

d. Are they part of a formal out-of-state response system?      yes []      no [

4. Hazardous Materials

a. Do you have any HazMat trained medical response teams?      yes []    no [

b. At what HazMat level are they trained?      Specialist

c. Do you have the ability to do decontamination in an emergency room?      yes []    no [

## **SECTION IV**

### **Resources Directory**

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**TABLE 8: RESOURCES DIRECTORY -- Providers**

**EMS System:** Sacramento County

**County:** Sacramento

**Reporting Year:** 2007

**NOTE:** Please make copies to add pages as needed and complete information for each provider by county.

<b>Name, address &amp; telephone:</b> Sacramento Metropolitan Fire District (916) 566-4000 2101 Hurley Way / Sacramento, CA 95825			<b>Primary Contact:</b> Captain Steve Cantelme, EMS Division Chief		
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS [250] BLS <input type="checkbox"/> LALS <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D [275] ALS
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 27
<b>Name, address &amp; telephone:</b> American Medical Response (916) 565-2835 1101 Fee Drive / Sacramento, CA 95815			<b>Primary Contact:</b> Jennifer Bales, Operations Manager		
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS [108] BLS <input type="checkbox"/> LALS [8] CCT RN <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D [87] ALS
Ownership: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 38

**TABLE 8: RESOURCES DIRECTORY -- Providers**

EMS System: Sacramento County

County: Sacramento

Reporting Year: 2007

**NOTE:** Please make copies to add pages as needed and complete information for each provider by county.

<b>Name, address &amp; telephone:</b> Galt Fire Protection District (209) 745-1001 (MERGED INTO CCSD) 208 A Street / Galt, CA 95632						<b>Primary Contact:</b> Kevin Gainsley, Chief, CCSD					
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> BLS <input type="checkbox"/> LALS		<input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input type="checkbox"/> ALS				
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 0						
<b>Name, address &amp; telephone:</b> Elk Grove Fire Department (916) 714-5109 (MERGED INTO CCSD) 8812 Elk Grove Boulevard / Sacramento, CA 95624						<b>Primary Contact:</b> Kevin Gainsley, Chief, CCSD					
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> BLS <input type="checkbox"/> LALS		<input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input type="checkbox"/> ALS				
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 0						

**TABLE 8: RESOURCES DIRECTORY -- Providers**

**EMS System:** Sacramento County

**County:** Sacramento

**Reporting Year:** 2007

**NOTE:** Please make copies to add pages as needed and complete information for each provider by county.

<b>Name, address &amp; telephone:</b> Sacramento County System Aircraft Rescue Firefighter Division (916) 874-0648 <b>Primary Contact:</b> John Conneally, Fire Operations Supervisor 7201 Earhart Drive / Sacramento, CA 95837					
Written Contract: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> BLS <input type="checkbox"/> LALS <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input type="checkbox"/> [35] ALS
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input checked="" type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 0

<b>Name, address &amp; telephone:</b> Sacramento City Fire Department (916) 264-5352 <b>Primary Contact:</b> Chief Howley Childs 3230 J Street / Sacramento, CA 95816					
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> BLS <input type="checkbox"/> LALS <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input type="checkbox"/> [340] ALS
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input checked="" type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 18

**TABLE 8: RESOURCES DIRECTORY -- Providers**

**EMS System:** Sacramento County

**County:** Sacramento

**Reporting Year:** 2007

**NOTE:** Please make copies to add pages as needed and complete information for each provider by county.

<b>Name, address &amp; telephone:</b> Wilton Fire Protection District (916) 687-6920 (MERGED INTO CCSD) <b>Primary Contact:</b> Kevin Gainsley, Chief, CCSD 9800 Dillard Road / Wilton, CA 95693					
Written Contract: <input checked="" type="checkbox"/> No* <input type="checkbox"/> Yes  *Letter of approval to operate	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input checked="" type="checkbox"/> [25] BLS <input type="checkbox"/> LALS <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input checked="" type="checkbox"/> [2] ALS
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 0
<b>Name, address &amp; telephone:</b> Delta Fire Protection District (707) 374-2233 <b>Primary Contact:</b> J. Buckingham, Firefighter 2360 West Twitchell Island Road / Rio Vista, CA 94571					
Written Contract: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input checked="" type="checkbox"/> Non-Transport <input type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input checked="" type="checkbox"/> [27] BLS <input type="checkbox"/> LALS <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input checked="" type="checkbox"/> [5] ALS
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Fire District <input type="checkbox"/> State	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 0

**TABLE 8: RESOURCES DIRECTORY -- Providers**

EMS System: Sacramento County

County: Sacramento

Reporting Year: 2007

**NOTE:** Please make copies to add pages as needed and complete information for each provider by county.

<b>Name, address &amp; telephone:</b> REACH (800) 338-4045 451 Aviation Boulevard, Suite 201 / Santa Rosa, CA 95403			<b>Primary Contact:</b> Corlin Gabriel, Office Administrator		
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input checked="" type="checkbox"/> Air <input type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input checked="" type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input checked="" type="checkbox"/> Rotary <input checked="" type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> BLS <input type="checkbox"/> LALS <input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input type="checkbox"/> [6] ALS <input type="checkbox"/> [7] RN <input type="checkbox"/> [1] Resp. Therapist
Ownership: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Fire District	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 8 6 In Service (Sacramento area) 2 Reserve (Sacramento area)
<b>Name, address &amp; telephone:</b> California Highway Patrol/ Protective Services (916) 322-3337 1801 Ninth Street / Sacramento, CA 95814			<b>Primary Contact:</b> Officer Rodney Van Beber		
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water	Transport: <input type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport	Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue	If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing	Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> PS-Defib <input type="checkbox"/> [37] BLS <input type="checkbox"/> EMT-D <input type="checkbox"/> [6] ALS <input type="checkbox"/> LALS
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public	Medical Director: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	If public: <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Fire District	System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	Number of ambulances: 0

**TABLE 8: RESOURCES DIRECTORY -- Providers**

EMS System: Sacramento County

County: Sacramento

Reporting Year: 2007

NOTE: Please make copies to add pages as needed and complete information for each provider by county.

<b>Name, address &amp; telephone:</b> Cosumnes Community Services District (916) 228-3035 8820 Elk Grove Boulevard/ Elk Grove, CA 95624						<b>Primary Contact:</b> Linda Lichty, Performance Development Coord.							
Written Contract: <input type="checkbox"/> No <input type="checkbox"/> Yes		Service: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Water		Transport: <input type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport		Air classification: <input type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue		If Air: <input type="checkbox"/> Rotary <input type="checkbox"/> Fixed Wing		Number of personnel providing services: <input type="checkbox"/> PS [64] BLS <input type="checkbox"/> LALS		<input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D [82] ALS	
Ownership: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Public		Medical Director: <input type="checkbox"/> No <input type="checkbox"/> Yes		If public: <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:		If public: <input type="checkbox"/> City <input type="checkbox"/> Federal <input type="checkbox"/> State		<input type="checkbox"/> County <input checked="" type="checkbox"/> Fire District		System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		Number of ambulances: 11  Active: 6 Reserve: 5	
<b>Name, address &amp; telephone:</b> Calstar (916) 921-4000 4933 Bailey Loop / McClellan, CA 95652						<b>Primary Contact:</b> Joanne Rubin, EMS Coordinator							
Written Contract: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		Service: <input checked="" type="checkbox"/> Air <input type="checkbox"/> Ground <input type="checkbox"/> Water		Transport: <input type="checkbox"/> Non-Transport <input checked="" type="checkbox"/> Transport		Air classification: <input checked="" type="checkbox"/> Air ambulance <input type="checkbox"/> Auxiliary rescue <input type="checkbox"/> ALS rescue <input type="checkbox"/> BLS rescue		If Air: <input type="checkbox"/> Rotary <input checked="" type="checkbox"/> Fixed Wing		Number of personnel providing services: <input type="checkbox"/> PS <input type="checkbox"/> BLS <input type="checkbox"/> LALS [2] RN		<input type="checkbox"/> PS-Defib <input type="checkbox"/> EMT-D <input type="checkbox"/> ALS	
Ownership: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Public		Medical Director: <input type="checkbox"/> No <input type="checkbox"/> Yes		If public: <input type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other If Other, Explain:		If public: <input type="checkbox"/> City <input type="checkbox"/> Federal <input type="checkbox"/> State		<input type="checkbox"/> County <input type="checkbox"/> Fire District		System available 24 hours? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		Number of ambulances: 1	

**TABLE 9: RESOURCES DIRECTORY -- Approved Training Programs**

**EMS System:** Sacramento County      **County:** Sacramento      **Reporting Year:** 2007

**NOTE: Table 9 is to be completed by county. Make copies to add pages as needed.**

Training Institution Name / Address		Contact Person telephone no.
Sacramento Metropolitan Fire District 2101 Hurley Way Sacramento CA 95825-3208		Ric Maloney (916) 566-4000
Student Eligibility: *	Cost of Program [basic/refresher]:	**Program Level: EMT-I; Continuing Education for all EMS Personnel Number of students completing training per year: 650
Sacramento Metropolitan Fire District Personnel Only	\$0 Refresher \$0 Cont. Education	Initial training: Not offered Refresher: 0 Cont. Education: 650 Expiration Date: EMT-I, 06/22/09; CE 06/22/09
		Number of courses: 36 Initial training: Not offered Refresher: 0 Cont. Education: 36

Training Institution Name / Address		Contact Person telephone no.
Sacramento County Office of Education Regional Occupation Program 10541 Norden Avenue / Mather CA 95655		ROP Career Center: Maurice Johnson (916) 228-2721
Student Eligibility: *	Cost of Program [basic/refresher]:	**Program Level: EMT-I Number of students completing training per year: 60
Open Prerequisite: Attendees must have completed Healthcare Provider Training and be at least 16 years of age.	Free course, \$70.00 for book and the cost of Healthcare Provider card	Initial training: 60 Refresher: 0 Cont. Education: N/A Expiration Date: 12/31/10
		Number of courses: 1 Initial training: 1 Refresher: 0 Cont. Education: N/A

\* Open to general public or restricted to certain personnel only.

\*\* Indicate whether EMT-I, EMT-II, EMT-P, or MICN; if there is a training program that offers more than one level complete all information for each level.

**TABLE 9: RESOURCES DIRECTORY -- Approved Training Programs**

EMS System: Sacramento County County: Sacramento Reporting Year: 2007

NOTE: Table 9 is to be completed by county. Make copies to add pages as needed.

Training Institution Name / Address

Contact Person telephone no.

University California Davis Medical Center 2315 Stockton Boulevard, PSSB 2100 Sacramento CA 95817		Allison Shuken, Pre-hospital Care Coord. (916) 734-5323
Student Eligibility: *  Open	Cost of Program [basic/refresher]:  MICN Varies \$180 \$0 Continuing Education	**Program Level: MICN; Continuing Education for all EMS Personnel Number of students completing training per year: 160  Initial training: 60 Refresher: N/A Continuing Education: 100 Expiration Date: MICN 01/27/10; CE Expiration Date: 01/27/10
		Number of courses: 26  Initial training: 1 Refresher: N/A Cont. Education: 25

Training Institution Name / Address

Contact Person telephone no.

Folsom Fire Department 535 Glen Drive Folsom CA 95630		Dennis Wycoff, Battalion Chief (916) 984-2284
Student Eligibility: *  Department personnel only	Cost of Program [basic/refresher]:  \$0 Initial \$0 Refresher \$0 Continuing Education	**Program Level: EMT-I; Continuing Education for all EMS Personnel Number of students completing training per year: 64  Initial training: 0 Refresher: 0 Continuing Education: 64 Expiration Date: EMT-I 02/21/10; CE 01/31/10
		Number of courses: 38  Initial training: 0 Refresher: 0 Cont. Education: 38

\* Open to general public or restricted to certain personnel only.

\*\* Indicate whether EMT-I, EMT-II, EMT-P, or MICN; if there is a training program that offers more than one level complete all information for each level.

**TABLE 9: RESOURCES DIRECTORY -- Approved Training Programs**

EMS System: Sacramento County County: Sacramento Reporting Year: 2007

NOTE: Table 9 is to be completed by county. Make copies to add pages as needed.

Training Institution Name / Address		Contact Person telephone no.
Mercy San Juan Hospital & Methodist Hospital 6501 Coyle Avenue, Carmichael, CA 95608 7500 Hospital Drive, Sacramento, CA 95823		Kristina Freas, Pre-hospital Care Coordinator (916) 537-5049 Kathy Nacey, Pre-hospital Care Coordinator (916) 423-5914
Student Eligibility:  Open EMS Personnel	Cost of Program [basic/refresher]: N/A  \$0 Continuing Education	**Program Level: Continuing Education for all EMS Personnel Number of students completing training per year: 150-200 50-100 Initial training: N/A Refresher: N/A Continuing Education: 150-200 50-100 Expiration Date: 05/31/09
		Number of courses: 20 6 Initial training: N/A Refresher: N/A Cont. Education: 20 6

Training Institution Name / Address		Contact Person telephone no.
Sutter General Hospital 2801 L Street Sacramento CA 95816		Loni Howard, Pre-hospital Care Coordinator (916) 733-8579
Student Eligibility: * ***  *Open ***Restricted to employees at hospitals	Cost of Program [basic/refresher]:  \$0 Continuing Education (for EMS Personnel) ***\$0 Continuing Education	**Program Level: Continuing Education for all EMS Personnel & MICN Number of students completing training per year: 60 Initial training: N/A Refresher: N/A Continuing Education: 20 ***Continuing Education: 40 Expiration Date: 02/20/10
		Number of courses: 10, ***6 ***Hazardous Materials for Healthcare Initial training: N/A Refresher: N/A Cont. Education: 10, ***6

- Open to general public or restricted to certain personnel only.
- \*\* Indicate whether EMT-I, EMT-II, EMT-P, or MICN; if there is a training program that offers more than one level complete all information for each level.

**TABLE 9: RESOURCES DIRECTORY -- Approved Training Programs**

EMS System: Sacramento County      County: Sacramento      Reporting Year: 2006

NOTE: Table 9 is to be completed by county. Make copies to add pages as needed.

Training Institution Name / Address

Contact Person telephone no.

Student Eligibility: *	Cost of Program [basic/refresher]:	<b>**Program Level:</b> Number of students completing training per year: Initial training: Refresher: Continuing Education: Expiration Date:
		Number of courses: Initial training: Refresher: Continuing Education:

Training Institution Name / Address

Contact Person telephone no.

Student Eligibility: *	Cost of Program [basic/refresher]:	<b>**Program Level:</b> Number of students completing training per year: Initial training: Refresher: Continuing Education: Expiration Date:
		Number of courses: Initial training: Refresher: Continuing Education:

\* Open to general public or restricted to certain personnel only.

\*\* Indicate whether EMT-I, EMT-II, EMT-P, or MICN; if there is a training program that offers more than one level complete all information for each level.

Note: Data fields on this page left blank intentionally.



**TABLE 10: RESOURCES DIRECTORY -- Facilities**

EMS System: Sacramento County County: Sacramento

Reporting Year: 2007

NOTE: Make copies to add pages as needed and complete information for each facility by county.

<b>Name, address &amp; telephone: Kaiser Hospital South Sacramento 6600 Bruceville Road Primary Contact: Allen Wentworth, Dir. of Operations</b> (916) 688-2430 Sacramento CA 95823 Steven Gerigk, Environmental Health (916) 688-6912				
<b>Written Contract:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	Basic emergency service <input type="checkbox"/> [T] Comprehensive emergency service <input type="checkbox"/> Referral emergency service <input type="checkbox"/> Standby emergency service <input type="checkbox"/>	<b>Base Hospital:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>*Pediatric Critical Care Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	
<b>EDAP: **</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>PICU: ***</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>Burn Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>Trauma Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>If Trauma Center, Level:</b>

<b>Name, address &amp; telephone: Kaiser Hospital North Sacramento 2025 Morse Avenue Primary Contact: Beverly Werntz,</b> (916) 973-6055 Sacramento CA 95825 Chief Operations Officer				
<b>Written Contract:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	Basic emergency service <input type="checkbox"/> [T] Comprehensive emergency service <input type="checkbox"/> Referral emergency service <input type="checkbox"/> Standby emergency service <input type="checkbox"/>	<b>Base Hospital:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>*Pediatric Critical Care Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	
<b>EDAP: **</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>PICU: ***</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>Burn Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>Trauma Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>If Trauma Center, Level: ****</b>

\* Meets EMSA Pediatric Critical Care Center (PCCC) Standards.

\*\* Meets EMSA Emergency Departments Approved for Pediatrics (EDAP) Standards.

\*\*\* Meets California Children Services (CCS) Pediatric Intensive Care Unit (PICU) Standards.

\*\*\*\* Levels I, II, III and Pediatric

**TABLE 10: RESOURCES DIRECTORY -- Facilities**

EMS System: Sacramento County

County: Sacramento

Reporting Year: 2007

NOTE: Make copies to add pages as needed and complete information for each facility by county.

<b>Name, address &amp; telephone:</b> Mercy San Juan Hospital 6501 Coyle Avenue (916) 537-5308 Carmichael CA 95608		<b>Primary Contact:</b> Michael Uboldi, President		
<b>Written Contract:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>Basic emergency service</b> <input type="checkbox"/> [T] <b>Comprehensive emergency service</b> <input type="checkbox"/> <b>Referral emergency service</b> <input type="checkbox"/> <b>Standby emergency service</b> <input type="checkbox"/>	<b>Base Hospital:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>*Pediatric Critical Care Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	
<b>EDAP: **</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>PICU: ***</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>Burn Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>Trauma Center:</b> <input type="checkbox"/> [T] No <input type="checkbox"/> Yes	<b>If Trauma Center, Level: **** Level II</b>

<b>Name, address &amp; telephone:</b>		<b>Primary Contact:</b>		
<b>Written Contract:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>Basic emergency service</b> <input type="checkbox"/> <b>Comprehensive emergency service</b> <input type="checkbox"/> <b>Referral emergency service</b> <input type="checkbox"/> <b>Standby emergency service</b> <input type="checkbox"/>	<b>Base Hospital:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>*Pediatric Critical Care Center:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	
<b>EDAP: **</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>PICU: ***</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>Burn Center:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>Trauma Center:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes	<b>If Trauma Center, Level: ****</b>

\* Meets EMSA Pediatric Critical Care Center (PCCC) Standards.  
 \*\* Meets EMSA Emergency Departments Approved for Pediatrics (EDAP) Standards.  
 \*\*\* Meets California Children Services (CCS) Pediatric Intensive Care Unit (PICU) Standards.

**TABLE 11: RESOURCES DIRECTORY -- Dispatch Agency**

EMS System: Sacramento County County: Sacramento Reporting Year: 2006

NOTE: Make copies to add pages as needed and complete information for each provider by county.

Name, address & telephone: <b>First Responder Emergency Medical Services, Inc. (916) 381-3780</b>				Primary Contact: <b>Kevin Grant</b>	
8611 Folsom Boulevard, Suite G / Sacramento CA 95826					
Written Contract: <input type="checkbox"/> No <input type="checkbox"/> Yes	Medical Director: <input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Day-to-day <input type="checkbox"/> Disaster	Number of Personnel providing services: <u>3</u> EMD Training <u>    </u> EMT-D <u>1</u> ALS <u>    </u> LALS <u>5</u> Other <u>7</u> BLS		
Ownership: <input type="checkbox"/> Private <input type="checkbox"/> Public		If Public: <input type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Fire District <input type="checkbox"/> State	Number of Ambulances: <u>0</u>  BLS Provider	

Name, address & telephone: <b>Medic Ambulance (916) 564-9040</b>				Primary Contact: <b>Helen Pierson</b>	
2349 Lexington Street / Sacramento CA 95815					
Written Contract: <input type="checkbox"/> No <input type="checkbox"/> Yes	Medical Director: <input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> Day-to-day <input type="checkbox"/> Disaster	Number of Personnel providing services: <u>2</u> EMD Training <u>    </u> EMT-D <u>    </u> ALS <u>    </u> LALS <u>    </u> Other <u>3</u> BLS		
Ownership: <input type="checkbox"/> Private <input type="checkbox"/> Public		If Public: <input type="checkbox"/> Fire <input type="checkbox"/> Law <input type="checkbox"/> Other Explain:	If public: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Fire District <input type="checkbox"/> State	Number of Ambulances: <u>0</u>  BLS Provider	

- \* Meets EMSA Pediatric Critical Care Center (PCCC) Standards.
- \*\* Meets EMSA Emergency Departments Approved for Pediatrics (EDAP) Standards.
- \*\*\* Meets California Children Services (CCS) Pediatric Intensive Care Unit (PICU) Standards.
- \*\*\*\* Levels I, II, III and Pediatric

**TABLE 11a: RESOURCES DIRECTORY -- Disaster Medical Responders (cont.)**

**NOTE: Information on Table 11a is to be completed for each county.**

**County Health Officer's Name:**

**Glennah Trochet, MD**

**Work Telephone No.: (916) 875-5881**

**Home Telephone No.: (916) 736-3560**

**FAX No.: (916) 875-5888**

**24-HR No.: (916) 875-5000**

**Alternate's Name:**

**Bruce Wagner**

**Work Telephone No.: (916) 875-9753**

**Home Telephone No.: (916) 941-9117**

**Office Pager No.: (916) 876-1141**

**FAX No.: (916) 875-9711**

**24-HR No.: (916) 955-1534**

**E-Mail: wagnerems@msn.com**

**Medical/Health EOC Telephone no.: (916) 955-1534**

**Amateur Radio Contact Name: Richard Mar**

**Who is the RDMHC for your region? Dan Burch**

**Medical/Health EOC FAX No.: (916) 363-8168**

**Medical/Health Radio Frequency: Sacramento County 800 MHz Trunked System (multiple frequency switching)**

**NOTE: In the event of an emergency it is critical for the EMSA to have current information on whom to contact. Therefore, please submit name and telephone number changes to Table 11 as they occur.**

## **SECTION VI**

### **Annex**

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**APPENDIX 1:**

**TRAUMA CARE SYSTEM PLAN UPDATE**

TRAUMA CARE SYSTEM PLAN AVAILABLE UNDER SEPARATE COVER

**UPDATE**

Countywide Services Agency  
Department of  
Health and Human Services  
Division of Public Health  
Glennah Trochet, MD, Health Officer



Terry Schutten, County Executive  
Penelope Clarke, Agency Administrator  
Lynn Frank, Director

## County of Sacramento

March 30, 2007

Bonnie Sinz, RN  
Chief, EMS Systems Division  
Emergency Medical Services Authority  
1930 9<sup>th</sup> Street  
Sacramento, CA 95814-7043

Dear Ms. Sinz:

This Agency is in receipt of your letter of January 11, 2007 regarding your review of the Sacramento County Trauma Care System Plan update dated October 26, 2006.

The additional information you requested is herewith submitted.

- 1. Please ensure utilization of these (2003 State Minimum Inclusion Criteria) minimum inclusion criteria by Sacramento County trauma centers and reference compliance in the next plan update.*

The following statement has been added to Section VI of the Sacramento County Trauma Care System Plan update dated October 26, 2006: "All Sacramento County trauma centers comply with and utilize the State Minimum Inclusion Criteria." A similar statement will be added to our Document # 2007.09 (Trauma Hospital Data Elements) on its next cycle of review.

- 2. Progress on the objectives listed in the trauma plan:*
  - a. Pediatric Trauma – Implement State's EMS for Children standards*

This particular objective is considered accomplished. Sacramento County has developed comprehensive policies and protocols for all aspects of emergency care of pediatrics patients. From the initiation through final disposition, there is a seamless system of care throughout the County and all pediatric activities have been integrated into the entire spectrum of EMS systems.

- b. Data collection and analysis – Capture data on patients who meet trauma triage criteria, but are delivered to non-trauma designated facilities*

Data collection on patients who are delivered to non-trauma designated facilities continues to be a focus of effort. Currently, non-trauma designated facilities are offered

a software package that will capture all necessary data elements, is compatible across the board with existing systems and requires a minimum of training and setup.

*c. Regional Coordination – Active participation in the Northern California Trauma Coordinating Council*

Sacramento County continues to encourage the reactivation of the Northern California Trauma Coordinating Council (NCTCC). This Council is seen as an excellent forum to enhance regional coordination of trauma service. Should our sister counties express a renewed interest, Sacramento County will fully support and participate in the NCTCC. Currently, Sacramento County holds trauma review and coordination meetings jointly with the S-SV EMS Agency. Other jurisdictions adjacent to Sacramento County, e.g. San Joaquin and El Dorado Counties, have open invitations and have attended these regional trauma coordination meetings.

The above comments have been added to Section VI of the Sacramento County Trauma Care System Plan update dated October 26, 2006. A copy of the newly written Section VI is attached; please exchange the attached pages with the previously sent Section VI.

If you have any questions, please call me at (916) 875-9753.

Sincerely,



Preston Rusch, HPC  
Emergency Medical Services

Attachment

cc: Program Binder  
Bruce A. Wagner, EMS Chief 

*Section VI Objectives*

*The plan objectives should be comprehensive, clearly stated, and measurable.*

*The plan should specifically state each planned accomplishment and the expected outcome.*

**Section VI - Objectives**

**1. Objectives**

The continuing goal of the Sacramento County Trauma Care System is to assure a well-prepared, coordinated and appropriate response to people who incur severe traumatic injuries.

It must never be assumed that the goal of the trauma care system can ever be fully attained. Ongoing monitoring and evaluation always identifies areas where improvements can be made. Action plans are established to work toward attaining identified needed improvements and thus, advancing the quality of the system. System objectives have been developed for ongoing assessment of the Sacramento County Trauma Care System.

**System Objectives**

- Improve standards for trauma care system preparation and response, including the training of health care professionals in the recognition, diagnosis and definitive treatment of major trauma victim cases through educational offerings and research activities.
- Improve mechanisms to ensure continuing compliance with trauma care system standards through continuous quality improvement (CQI) activities, and data collection from both designated trauma centers and non-trauma centers.
- Improve integration and coordination of trauma services within the EMS system through continued data collection, analysis and trauma system policy development through advisory committees.
- Maintain a philosophical and financial commitment of the health care community to ensure all phases of trauma care regardless of a patient's ability to pay through data collection, analysis and quality improvement activities.
- Improve coordination of local trauma activities with trauma services in adjacent counties

through involvement in trauma CQI activities with out-of-county trauma centers and trauma systems.

- Improve accountability and objective evaluation of the trauma care system through data collection and analysis utilizing a trauma registry and an audit and review process.
- Assure provision of quality rehabilitation services and care along with meeting the long-term care needs of major trauma victims requiring such services through follow-up with discharge planners when a patient is repatriated with medical plans.
- Improve public awareness and information about the trauma care system and available trauma-related services through out-reach and injury prevention programs.
- Identify and designate a trauma center in the south area of the County by mid-year 2010.

Monitoring of these objectives requires participation of all trauma care system members. The County EMS Agency provides leadership in monitoring/ improving the trauma care system. The monitoring mechanism now in place identifies potential problems and takes corrective action as necessary.

## **2. Proposed Accomplishments**

### **Issue Identification and Details**

Areas for improvement of the Sacramento County Trauma Care System must always be sought out. Identification of issues can occur for a number of reasons. The identifying source must be taken into consideration when prioritizing and acting on these issues.

Areas for improvement can be identified through the trauma audit process. The trauma audit/review process identifies issues concerning all phases of the trauma care system. The Trauma Review Committee (TRC) reviews specific trauma cases based on a standardized criteria by discussing the appropriateness of the care rendered and makes recommendations for improved patient care and trauma system operations. In addition to the TRC, improvement issues can be identified through any number of the following CQI conferences and meetings conducted at UCDCMC: weekly morbidity and mortality conferences; weekly emergency room trauma conferences; quarterly trauma neurosurgery CQI meetings; monthly trauma system issues CQI meetings; monthly pediatric trauma CQI meetings; monthly adult trauma CQI meetings; and, monthly multi-disciplinary trauma CQI meetings.

Improvement issues can also be identified by sources outside the trauma care system. Changes in trauma care systems in other counties or states are often reviewed for possible implementation in the Sacramento County Trauma Care System.

### Pediatric Trauma

Pediatric trauma victims meeting local out-of-hospital triage criteria are treated at UCDMC, the designated pediatric trauma center for Sacramento County. Sacramento County is planning to continue to improve its system for emergency treatment of pediatric trauma patients through: regional pediatric critical care committee participation; implementation of the State's EMS for Children Standards; evaluation/ consultation of all local emergency departments for compliance with the State's EMS for Children Standards; and, obtaining an American College of Surgeons Committee on Trauma evaluation of the pediatric trauma service at UCDMC. UCDMC also conducts monthly pediatric protocol development meetings to standardize and improve trauma services to pediatric patients. UCDMC also conducts monthly pediatric trauma CQI meetings to identify areas of quality improvement in their pediatric trauma services.

*Update 2006* : Currently, the Multi-county Trauma Review Committee concerns itself with reviewing all trauma cases to include pediatric cases; the American College of Surgeons Committee on Trauma has recently evaluated the pediatric trauma service at UCDMC and has reissued confirmation of UCDMC as a Level I pediatric trauma center.

*Update 2006* : Concerning implementation of the State's EMS for Children Standards objective: This particular objective is considered accomplished. Sacramento County has developed comprehensive policies and protocols for all aspects of emergency care of pediatrics patients. From the initiation through final disposition, there is a seamless system of care throughout the County and all pediatric activities have been integrated into the entire spectrum of EMS systems.

### Trauma Triage

Both over- and under-triage can have a negative impact on the trauma care system. Over-triage can adversely impact and tax the resources of the system, while under-triage can allow patients, who would benefit from trauma center care, to fall outside the trauma care system. Both over- and under-triage problems must be closely monitored to minimize any adverse effect on the trauma care system.

A project, directed by the Sacramento County EMS Agency, is under consideration to collect information on patients who meet trauma triage criteria but were not initially transported to trauma centers. A number of data elements have been identified, those elements are contained in Section A

of the Trauma Hospital Data Elements program document (Appendix C). Additionally, all patients who after evaluation at a general acute care hospital are later transferred to a trauma center would be studied. Collection of this data would allow the Sacramento County to review current triage and transport policies and make any needed changes for system improvement.

*Update 2006* : All Sacramento County trauma centers comply with and utilize the State Minimum Inclusion Criteria.

#### Data Collection and Analysis

The County EMS Agency is continuing to improve/ refine its EMS/ trauma registries, which serves as the tool for EMS data collection and analysis. One of the data management tools used is the EMS database system developed and currently being upgraded by the Mountain Valley EMS System, and funded by a State grant. Confidentiality of the information contained in these databases is maintained. Access to the databases is limited and restricted, but information in summary format is readily available from the County EMS Agency to system participants and the public.

Sacramento County trauma centers have used Trianalytics "Collector" Trauma Registry software since early 1995. This software system was selected because of its success and compatibility with adjacent EMS systems (e.g. S-SV EMS). Sacramento County EMSA currently contracts to Inspironix to directly manage the local trauma registry. This allows for more detailed analysis and comparison of trauma data with other major systems in the United States.

Another area of improvement planned by Sacramento County is the capturing of data on patients who meet trauma triage criteria, but are delivered to non-trauma designated facilities. This information is absolutely necessary to achieve a "inclusive" trauma care system. This information is especially valuable in developing improved injury prevention and provider/ public education programs.

*Update2006* : Data collection on patients who are delivered to non-trauma designated facilities continues to be a focus of effort. Currently, non-trauma designated facilities are offered a software package that will capture all necessary data elements, is compatible across the board with existing systems and requires a minimum of training and setup.

#### Regional Coordination

The Sacramento County Trauma Care System receives trauma patients from surrounding counties that do not have trauma care systems and/ or need a higher level of trauma patient management. Currently, formal agreements are in place with all adjacent jurisdictions which allow for the efficient

transport and transfer of these patients.

In addition, Sacramento County plans to continue to improve trauma service coordination through active participation in the Northern California Trauma Coordinating Council (18 counties represented) and by attending the S-SV EMS Agency Governing Board, Trauma Review Committee and Regional Pediatric Committee Meetings.

The Sacramento County EMS Agency will continue to improve regional trauma-related activities, including extensive participation in: State OES Region 4 Multicasualty Incident planning/implementation; California Conference of Local Health Officers Emergency Care Committee; and, the Sacramento Regional Radio Communications System - Systems Management Group. This priority is an on-going activity.

*Update 2006* : Sacramento County continues to encourage the reactivation of the Northern California Trauma Coordinating Council (NCTCC). This Council is seen as an excellent forum to enhance regional coordination of trauma service. Should our sister counties express a renewed interest, Sacramento County will fully support and participate in the NCTCC. Currently, Sacramento County holds trauma review and coordination meetings jointly with the S-SV EMS Agency. Other jurisdictions adjacent to Sacramento County, e.g. San Joaquin and El Dorado Counties, have open invitations and have attended these regional trauma coordination meetings.

**APPENDIX 2:**

**AB 3153 - EXCLUSIVE OPERATING AREAS**

The Sacramento County Board of Supervisors, approved Resolution No. 93-1575 authorizing the County to withdraw from the provision of 9-1-1 ambulance services effective March 1, 1994.

## AMBULANCE ZONES

<b>Local EMS Agency</b> Sacramento County EMS Agency
<b>Area</b> Sacramento County
<b>Name of Current Provider</b> Refer to Section III, Table 8, for ambulance service providers
<b>Geographic Description</b> Entire County
<b>Statement of Exclusivity</b> Non-exclusive
<b>Type of Exclusivity</b> N/A
<b>Method</b> N/A

**APPENDIX 3:**

**PEDIATRIC SUBSYSTEM PLAN**

The Pediatric Subsystem Plan has been assessed for need. Development of the plan would be redundant in that all current plans encompass all pediatric elements.

**EMERGENCY MEDICAL SERVICES AUTHORITY**

1930 9<sup>th</sup> STREET  
SACRAMENTO, CA 95814-7043  
(916) 322-4336 FAX (916) 324-2875



June 18, 2007

Bruce Wagner, EMS Administrator  
Sacramento County EMS Agency  
9616 Micron Avenue, Suite 635  
Sacramento, CA 95827

Dear Mr. Wagner:

We have completed our review of *Sacramento County's 2006 Emergency Medical Services Plan Update*, and have found it to be in compliance with the *EMS System Standards and Guidelines and the EMS System Planning Guidelines*.

The Sacramento County Transportation Plan has been approved; however, in the future please provide the EMS Authority Ambulance Zone Summary (AZS) Forms which can be located at [www.emsa.ca.gov/emsddivision/summary\\_form.pdf](http://www.emsa.ca.gov/emsddivision/summary_form.pdf). The names of the current providers must each be listed on an AZS form. Reference to other documents in the EMS Plan cannot substitute for an Ambulance Zone Summary form.

Your annual update, utilizing the attached guidelines, will be due on June 18, 2008. If you have any questions regarding the plan review, please call Sandy Salaber at (916) 322-4336, extension 423.

Sincerely,

A handwritten signature in black ink that reads "Cesar A. Aristeiguieta, M.D.".

Cesar A. Aristeiguieta, M.D., F.A.C.E.P.  
Director

CAA:ss

Enclosure