

*Mountain-Valley Emergency Medical Services Agency*



***Annual  
Emergency Medical Services  
System Report***

**2004**

*For the Counties of:*

***Alpine  
Amador  
Calaveras  
Mariposa  
Stanislaus***

***(Updated) September, 2005***

# **ANNUAL EMS SYSTEM REPORT – 2004**

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## **ANNUAL EMS SYSTEM REPORT – 2004**

### **INTRODUCTION**

The Mountain-Valley Emergency Medical Services (EMS) Agency serves as the local EMS agency for the counties of Alpine, Amador, Calaveras, Mariposa, and Stanislaus. The EMS system in these counties has been developed through a partnership between the EMS Agency, 911 emergency access points, EMS dispatch centers, fire department first response agencies, basic life support (BLS) and advanced life support (ALS) ambulance services, local base/receiving hospitals, and the many dedicated EMS dispatchers, first responders, emergency medical technicians (EMTs), paramedics, nurses and physicians who provide the care to the sick and injured within our system.

As part of the Mountain-Valley EMS Agency's commitment to keep EMS participants and the public informed of EMS activities in this region, this *Annual Emergency Medical Services System Report* has been developed.

This document to be divided into three main sections: 1) *Structural/Demographic Reports*, 2) *Process Reports*, and 3) *Outcome Reports*. The *Structural/ Demographic Reports* provide an overview of the number, or **quantity**, of EMS service providers and the specific events that occurred in the EMS system during the year. The *Process Reports* look at the **quantity** and **quality** of the procedures provided and services rendered by EMS system providers. Finally, the *Outcome Reports* attempt to measure the overall **effectiveness** of the EMS system on the long-term care of the patients served by the system.

### **REPORT CATEGORIES**

#### **Structural /Demographic Reports**

Structural indicators provide an overall description of the system in terms of the numbers of resources and the numbers of events that occur within the system during the reporting period. In this EMS system report, the *Structural /Demographic* indicators include the number of:

- EMS Service Providers
- EMS Responses
- Patient Contacts by EMS Personnel
- Specific Call Types (Medical / Trauma)
- Patient Transports

## **Process Reports**

The second section focuses on the quantity and quality of services and treatment processes provided within the system. The services and processes focused upon for any given year are pre-identified by the EMS Agency and the Quality Liaison Committee prior to the beginning of the year. While some benchmarks of quality are monitored on an ongoing basis, others are monitored periodically to ensure acceptable compliance levels are maintained.

## **Outcome Reports**

Outcome Reports indicate how successfully the system structure, and processes combine to meet the desired system effect, which is to decrease mortality and morbidity of patients treated within the EMS system.

The formula, "*Structure + Process = Outcome*" demonstrates the relationship between the three indicators. It also shows how any change made in either the *Structure* or *Processes* of a system, can directly affect the *Outcome*. For example, an ambulance provider who does nothing to change the system *Structure*, but increases the standard of training for his/her personnel to improve adherence to protocols and execution of skills, thereby improving *Process*, should see a correlating improvement in patient *Outcome*. Conversely, if an ambulance service provider significantly reduces the number of ambulances on the street (minimizing the *Structure*), it should be expected that the *Outcome* would be negatively affected.

## **INTEGRITY OF THE DATA - 2004**

The Mountain-Valley EMS Agency receives its data from three separate sources: 1) ***Hospital Data*** received from the receiving hospitals, 2) ***Patient Care Record (PCR)*** data submitted by the ambulance providers, and 3) ***Computer Aided Dispatch (CAD)*** data from EMS dispatch centers with CAD capabilities.

Prior to 2004, approximately half of the reporting agencies (ambulance providers, dispatch centers and hospitals) were able to submit data to the EMS Agency in electronic format. Since the largest volume ambulance service provider in the region (AMR) was included in that group, the amount of data submitted electronically amounted to approximately 70-80% of the total 911 responses within the EMS region. The remaining non-electronic data had been received as hard copy logs and PCRs and were entered by EMS Agency staff. Once records from the three separate sources were entered, records from the three sources were combined. While there were several automated and manual processes used to ensure all records are combined properly, errors or omissions in the original documents resulted in some records not combining.

While care was taken to ensure duplicate records were not counted twice, a small percentage were not picked up through the screening processes resulting in a margin of error that varies depending upon the specific report. While these duplicates may show up as minor inconsistencies when comparing totals from various tables, they should not be significant in assessing overall system performance.

Also, there may be periods of time when a particular provider experienced a loss of data that cannot be retrieved, therefore, the EMS Agency is unable to collect complete data from all sources, one-hundred percent of the time. In these instances, the EMS Agency has made every attempt to footnote reports that are affected by the missing data.

One of the most obvious omissions in the 2004 data report is lack of data from non-electronic submitters. During 2004 the focus had been on moving all ambulance services and some of the hospitals and dispatch centers within the region to electronic data submission. During this transition year, no hard-copy data was entered for 2004. Instead, EMS agency data entry staff focused on manually entering the backlog of 2003 hard-copy data - which was completed. When and if the agency can identify funding and staff to enter the 2004 data manually in the future, an amended 2004 report will be published.

Finally, there are reports that are included in this document that have little or no data entered either because the data was not available, or the EMS Agency did not have a mechanism in place to collect the data at the time the report was published. Those “incomplete” reports are still included in this document since they are considered to be important for a complete EMS system evaluation. These incomplete reports will serve as a placeholder for future years when that data is available and reportable.

### **UTILIZING THIS REPORT**

The 2005 Annual EMS System Report should be much more complete than this report, or the 2003 report. As we strive to work with the EMS system participants to improve data collection methodologies and accuracy, the usefulness of the data will improve as well.

It is the goal of Mountain-Valley EMS Agency to ensure that all providers of services within the EMS system, begin to utilize these reports as a measurement of the success of their internal Quality Improvement efforts. From year to year, providers should be able to see how improvements made within their organizations, are reflected in the system as a whole.

Any questions regarding the data or requests for additional information may be directed to the EMS Agency at (209) 529-5085.

## **Notes applicable to all 2004 Reports:**

- Patterson District Ambulance electronic PCR data begins in March 2004.
- (\*) means data for this field is not available.
- Alpine has missing PCR data for last part of October, and all of November and December 2004.
- Air Med data has very low numbers for September and December.
- All numbers for Mercy Ambulance are based on CAD data, since Mercy Ambulance PCR for 2004 was submitted in a non-compatible data format.
- Hospital data is limited to Memorial Medical Center and Doctors Medical Center since they submitted the only electronic hospital data for 2004.
- Electronic PCR data for 2004 was received from Alpine EMS, AMR (Stanislaus and Calaveras County), Patterson Ambulance, West Side Ambulance, Air Medical Team and Medi-Flight.
- All (major) trauma data were run from Memorial and Doctors Medical Center's trauma registry. (The trauma centers in Stanislaus County).

*Mountain-Valley Emergency Medical Services Agency*



***EMS System***  
***Structural Reports***  
**2004**

NOTE: Not all of the reports in this section are completed either because the data was not available, or the EMS Agency did not have a mechanism in place to collect the data at the time the report was published. Those “incomplete” reports are still included in this document to serve as a placeholder for future years when that data is available and reportable.

*Mountain-Valley Emergency Medical Services Agency*



***EMS System***  
***Process Reports***  
**2004**

NOTE: Not all of the reports in this section are completed either because the data was not available, or the EMS Agency did not have a mechanism in place to collect the data at the time the report was published. Those “incomplete” reports are still included in this document to serve as a placeholder for future years when that data is available and reportable.



***EMS System***

***Outcome Reports***

**2004**

NOTE: Not all of the reports in this section are completed either because the data was not available, or the EMS Agency did not have a mechanism in place to collect the data at the time the report was published. Those “incomplete” reports are still included in this document to serve as a placeholder for future years when that data is available and reportable.

NOTE: The following *Outcome Reports* contain some *Structural* and /or *Process* indicators that are relevant to the specific report. These indicators are included because they are essential in understanding the outcome, and including them within the report saves the reader from having to reference multiple reports at the same time.

Structural Reports

**Number of EMS Service Providers by County**

**2004**

(Population)	Alpine 1,265	Amador 37,216	Calaveras 43,995	Mariposa 17,798	Stanislaus 494,822	TOTAL 595,096
<b>DISPATCH</b>						
EMS Dispatch Centers (PSAP)*	1	1	1	1	4	8
EMS Dispatch Centers (2 PSAP)	0	1	0	1	1	3
<b>FIRST RESPONSE</b>						
First Response Agencies	3	6	9	2	17	37
- Number of AEDs	3	6	9	2	17	37
<b>AMBULANCE</b>						
Ground Amb. Service Providers**	2	1	5	1	5	14
Avg. No. of 24 hr Amb. In Serv.	2	5	6	2	13	28
Air Amb. Service Providers	0	0	0	0	2	2
Avg. No. of 24 hr Ships in Serv.					3	3
<b>FACILITIES</b>						
Hospitals	0	1	1	1	4	7
Trauma Centers (Level II, III, or IV)	0	0	0	0	2	2
<b>TRAINING PROGRAMS</b>						
EMD Dispatcher	0	0	0	0	0	0
First Responder	0	0	1	1	6	8
EMT-I	1	1	1	2	3	8
Paramedic	0	0	0	0	1	1
MICN	0	1	0	0	1	2
<b>PERSONNEL</b>						
EMD Dispatchers						9
First Responders						431
EMT-Is						1617
Paramedics						309
MICNs						163

\* Alpine County EMS is dispatched by Alpine Co. Sheriff's Office on weekdays, and by Douglas Co., Nevada SO on nights and weekends



	Alpine			Amador			Calaveras			Mariposa			Stanislaus			TOTAL		
<b>TRAINING PROGRAM</b>	P	C	S	P	C	S	P	C	S	P	C	S	P	C	S	P	C	S
Programs / Classes / Students																		
<b>MICN</b>																		
MVEMSA/MMC													1	2	26		2	26
Sutter Amador Hospital				1	1	6										1	6	
<b>Total</b>					1	6								2	26		3	32
<b>EMS C.E.</b>																		
MVEMSA/EMT Re-Cert Class				1	1	12	1	1	32							1	2	44
MVEMSA/BLS Trauma CD													1		9	1	0	9
MVEMSA/MCI										1	1	26	1	3	53	1	4	79
MVEMSA/MCI - Instructor													1	1	11	1	1	11
MVEMSA/Trauma Update													1	1	24	1	1	24
MVEMSA/Trauma Self Study													1		34	1	0	34
MVEMSA/Prehospital Symp.													1	1	85	1	1	85
MVEMSA/ICS - 200							1	2	27				1	1	27	1	3	54
FR & EMT Testing Workshop							1	1	20				1	2	69	1	3	89
MVEMSA/Skills Update							1	1	19							1	1	19
MVEMSA/BLS Skills Review													1	1	19	1	1	19
Stanislaus Consolidated Fire													1			1		
San Andreas Fire							1									1		
Modesto City Fire													1			1		
Turlock City Fire													1			1		
Turlock Rural Fire													1			1		
Burbank - Paradise Fire													1			1		
Salida Fire													1			1		
Oakdale City Fire													1			1		
Ebbetts Pass Fire							1									1		
CDF				1			1									2		
Oakdale Rural Fire													1			1		
Rescue 3													1			1		
Sutter Creek Fire				1												1		
Jackson Fire				1												1		
National Ski Patrol													1			1		
Blue Mountain Medical Vol.							1									1		

	Alpine			Amador			Calaveras			Mariposa			Stanislaus			TOTAL		
<b>TRAINING PROGRAM</b>	P	C	S	P	C	S	P	C	S	P	C	S	P	C	S	P	C	S
Programs / Classes / Students	P	C	S	P	C	S	P	C	S	P	C	S	P	C	S	P	C	S
<b>EMS C.E.</b>																		
Hughson Ambulance													1			1		
Patterson Ambulance													1			1		
American Medical Response													1			1		
Mercy Ambulance										1						1		
Westside Ambulance													1			1		
American Legion Ambulance				1												1		
Air Med													1			1		
Medi-Flight													1			1		
Oak Valley Dist. Hospital													1			1		
Emanuel Medical Center													1			1		
Memorial Medical Center													1			1		
Doctors Medical Center													1			1		
Mark Twain St Joseph Hosp.							1									1		
John C. Fremont Hospital										1						1		
Sutter Amador Hospital				1												1		
Alpine County Health Dept.	1															1		
Yosemite Medical Clinic										1						1		
Ceres Adult School													1			1		
Ceres Public Safety													1			1		
Medic Alert													1			1		
Abrams College													1			1		
Stroup & Associates													1			1		
Mariposa Health Dept.										1						1		
Cal. County OES							1									1		
EMS Taught & Tested							1									1		
Andrew Murphy							1									1		
Peggy O'Rear													1			1		
Kain Packwood													1			1		
Modesto Junior College													1			1		
Medical Serv. Assoc. Turlock													1			1		
<b>Totals</b>					1	12		5	98		1	26		10	331		17	467

**NUMBER OF CALLS DISPATCHED BY COUNTY  
2004**

(Population)	Alpine S.O *	Amador S.O	Calaveras S.O	Mariposa CDF	Stanislaus AMR	TOTAL
	1,265	37,216	43,995	17,798	494,822	<b>595,096</b>
<b>TOTAL CALLS PROCESSED</b>						
Law						<b>0</b>
Fire						<b>0</b>
EMS						<b>0</b>
Other						
TOTAL						<b>0</b>
<b>EMS CALL ORIGIN</b>						
Received via 911						<b>0</b>
Received via Pvt Line						<b>0</b>
Received Via Radio						<b>0</b>
TOTAL						<b>0</b>
<b>EMD/PREARRIVAL INSTRUC</b>						
EMS Calls w EMD Only						<b>0</b>
EMS Calls w EMD & PAI						<b>0</b>
<b>PERSONNEL</b>						
Number of Dispatchers						<b>0</b>
Number of Call-Takers, <b>or</b>						<b>0</b>
Number of Disp /Call Takers						<b>0</b>
<b>WORKLOAD</b>						
Total Calls per Dispatcher/CT						<b>0</b>
EMS Calls per Dispatcher/CT						<b>0</b>
EMS: % of Total Calls						<b>%</b>
						<b>0</b>
						<b>0</b>

\* Alpine County EMS is dispatched by Alpine Co. Sheriff's Office on weekdays, and by Douglas Co., Nevada SO on nights and weekends

## NUMBER OF AMBULANCE RESPONSES BY COUNTY 2004

	SCENE RESPONSES			HOSPITAL RESPONSES						TOTAL Calls
	Code 3	Code 2	Code 1	INTERFACILITY TRANSFERS			TO HOSP. ED	TO HOSP. NON-ED	TO OTHER	
				Code 3	Code 2	Code 1				
<b>ALPINE</b>										
Alpine EMS	84	0	0	0	0	0				<b>84</b>
American Legion	*	*	*	*	*	*	*	*	*	
<b>AMADOR</b>										
American Legion	*	*	*	*	*	*	*	*	*	
<b>CALAVERAS</b>										
American Legion	*	*	*	*	*	*	*	*	*	
AMR	472	80	25	14	34	90	0	79	59	<b>715</b>
Ebbetts Pass	*	*	*	*	*	*	*	*	*	
San Andreas	*	*	*	*	*	*	*	*	*	
Valley Springs	*	*	*	*	*	*	*	*	*	
<b>MARIPOSA</b>										
Mercy	923	449	0	0	0	273	261	0	9	<b>1645</b>
<b>STANISLAUS</b>										
AMR	27031	7373	7546	205	688	2738	1370	481	1098	<b>45581</b>
Hughson	1326	226	22	0	0	1	0	0	0	<b>1575</b>
Oak Valley	2822	1192	708	0	0	157	0	157	0	<b>4879</b>
Patterson	750	139	2	0	3	7	0	4	6	<b>901</b>
West Side	1201	274	1	1	12	5	8	3	7	<b>1494</b>
<b>Helicopters</b>										
Air Med	216	0	0	139	0	0	139	0	0	<b>355</b>
Medi Flight	654	0	0	162	0	0	130	0	3	<b>816</b>
<b>TOTAL</b>	<b>35479</b>	<b>9733</b>	<b>8304</b>	<b>521</b>	<b>737</b>	<b>3271</b>	<b>1908</b>	<b>724</b>	<b>1182</b>	<b>58045</b>

**CALL TYPES**  
**PRIMARY DIAGNOSIS: MEDICAL**  
**2004**

	Cardiac Arrest	Cardiac Chest Pain	Respiratory	Neuro	Medical	Poisonings	Environment/ Insect	Psych	OB	Other	TOTAL
<b>ALPINE</b>											
Alpine EMS	2	0	8	10	2	0	1	2	0	3	<b>28</b>
American Legion	*	*	*	*	*	*	*	*	*	*	
<b>AMADOR</b>											
American Legion	*	*	*	*	*	*	*	*	*	*	
<b>CALAVERAS</b>											
American Legion	*	*	*	*	*	*	*	*	*	*	
AMR	9	44	42	63	5	5	1	9	0	130	<b>308</b>
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	
San Andreas	*	*	*	*	*	*	*	*	*	*	
Valley Springs	*	*	*	*	*	*	*	*	*	*	
<b>MARIPOSA</b>											
Mercy	*	*	*	*	*	*	*	*	*	*	
<b>STANISLAUS</b>											
AMR	367	2195	2763	4064	299	821	26	1081	185	15378	<b>27179</b>
Hughson	*	*	*	*	*	*	*	*	*	*	<b>0</b>
Oak Valley	*	*	*	*	*	*	*	*	*	*	<b>0</b>
Patterson	16	83	78	77	82	12	4	18	9	279	<b>658</b>
West Side	15	110	112	136	152	31	12	40	19	412	<b>1039</b>
<b>Helicopters</b>											
Air Med	2	4	4	118	0	2	2	0	0	2	<b>134</b>
Medi Flight	0	2	0	2	0	0	0	0	0	0	<b>4</b>
<b>TOTAL</b>	<b>411</b>	<b>2438</b>	<b>3007</b>	<b>4470</b>	<b>540</b>	<b>871</b>	<b>46</b>	<b>1150</b>	<b>213</b>	<b>16204</b>	<b>29350</b>

Structural Reports

**CALL TYPES (CONTINUED)**

PRIMARY DIAGNOSIS: ALL INJURIES & TRAUMA

**2004**

	MOTOR VEHICLE	ASSAULT	NEAR DROWNING	PEDESTRIAN / BICYCLE	SPORTS/ RECREATION	ANIMAL INJURIES	FALL	Other	TOTAL
<b>ALPINE</b>									
Alpine EMS	28	2	0	0	2	0	5	41	<b>78</b>
American Legion	*	*	*	*	*	*	*	*	
<b>AMADOR</b>									
American Legion	*	*	*	*	*	*	*	*	
<b>CALAVERAS</b>									
American Legion	*	*	*	*	*	*	*	*	
AMR	71	6	1	0	0	0	66	32	<b>176</b>
Ebbetts Pass	*	*	*	*	*	*	*	*	
San Andreas	*	*	*	*	*	*	*	*	
Valley Springs	*	*	*	*	*	*	*	*	
<b>MARIPOSA</b>									
Mercy	*	*	*	*	*	*	*	*	
<b>STANISLAUS</b>									
AMR	2667	845	16	277	3	68	2003	662	<b>6541</b>
Hughson	*	*	*	*	*	*	*	*	
Oak Valley	*	*	*	*	*	*	*	*	
Patterson	190	26	1	2	1	0	7	13	<b>240</b>
West Side	208	36	0	6	2	2	117	84	<b>455</b>
<b>Helicopters</b>									
Air Med	120	4	1	7	9	8	24	24	<b>197</b>
Medi Flight	99	4	0	6	3	0	4	11	<b>127</b>
<b>TOTAL</b>	<b>3383</b>	<b>923</b>	<b>19</b>	<b>298</b>	<b>20</b>	<b>78</b>	<b>2226</b>	<b>867</b>	<b>7814</b>

\* = Data not Available

**CALL TYPES (Continued)**  
**PRIMARY DIAGNOSIS: TRAUMA (MAJOR)**  
**BEGIN 2/2/04**

	ADULT					PEDIATRICS					TOTAL
	BLUNT		PENETRATING		BURNS	BLUNT		PENETRATING		BURNS	
	TIER I	TIER II	TIER I	TIER II		TIER I	TIER II	TIER I	TIER II		
<b>ALPINE</b>											
Alpine EMS	0	0	0	0	0	0	0	0	0	0	0
<b>AMADOR</b>											
American Legion	0	6	0	0	0	0	0	0	0	0	6
<b>CALAVERAS</b>											
American Legion	0	0	0	0	0	0	0	0	0	0	0
AMR	0	5	0	0	0	0	0	0	0	0	5
Ebbetts Pass	1	2	0	0	0	0	0	0	0	0	3
San Andreas	3	7	0	1	0	0	0	0	0	0	11
Valley Springs	0	5	1	0	0	0	1	0	0	0	7
<b>MARIPOSA</b>											
Mercy	2	13	0	0	0	0	1	0	0	0	16
<b>STANISLAUS</b>											
AMR	95	371	98	0	4	6	23	0	0	0	597
Hughson	2	44	2	1	0	0	1	0	0	0	50
Oak Valley	12	44	5	4	0	1	1	0	0	0	67
Patterson	6	39	1	1	0	0	0	0	0	0	47
West Side	6	23	1	0	0	2	1	0	0	0	33
<b>Helicopters</b>											
Air Med	43	191	10	4	0	0	3	0	0	0	251
Medi Flight	100	223	45	5	0	3	4	0	0	0	380
<b>TOTAL</b>	<b>270</b>	<b>973</b>	<b>163</b>	<b>16</b>	<b>4</b>	<b>12</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1473</b>

Structural Reports  
**SCENE CALL DISPOSITION**  
 (Code 2 and 3 Transport)  
 2004

	Hosp Trans Code 2	Hosp Trans Code 3	Trans Other Prov.	AMA/ PT Release	Dead on Scene	Cancel Enroute	Other	Unk.	Rendez- vous	TOTAL	ALS	BLS	Unk. Call Level	TOTAL
<b>ALPINE</b>														
Alpine EMS	0	0	50	23	2	0	3	3	3	84			84	84
American Legion	*	*	*	*	*	*	*	*	*		*	*	*	
<b>AMADOR</b>														
American Legion	*	*	*	*	*	*	*	*	*		*	*	*	
<b>CALAVERAS</b>														
AMR	0	0	1	1	0	0	0	383	0	385	325	60	0	385
American Legion	*	*	*	*	*	*	*	*	*		*	*	*	
Ebbetts	*	*	*	*	*	*	*	*	*		*	*	*	
San Andreas	*	*	*	*	*	*	*	*	*		*	*	*	
Valley Springs	*	*	*	*	*	*	*	*	*		*	*	*	
<b>MARIPOSA</b>														
Mercy	*	*	*	*	*	*	*	*	*		*	*	*	
<b>STANISLAUS</b>														
AMR	22777	815	27	140	4	2	117	896	0	24778	17030	6874	874	24778
Hughson	*	*	*	*	*	*	*	*	*		*	*	*	
Oak Valley	*	*	*	*	*	*	*	*	*		*	*	*	
Patterson	557	18	0	0	1	0	7	0	7	590	0	1	589	590
West Side	1002	28	2	7	2	0	5	0	8	1054	0	0	1054	1054
<b>Helicopters</b>														
Air Med	216	0	0	0	0	0	0	0	0	216	215	0	1	216
Medi Flight	170	0	0	0	0	0	5	0	0	175	116	0	59	175
<b>TOTAL</b>	24722	861	80	171	9	2	137	1282	18	27282	17686	6935	2661	27282

## SCENE CALL DESTINATION 2004

	Sutter Amador	Mark Twain	John C. Fremont	EMC	DMC	MMC	Oak Valley	Barton	Sutter Roseville	Washoe Reno	Children Oakland	SJGH	Children C Cal	UC Davis	OTHER	UN-KNOWN	TOTAL
<b>ALPINE</b>																	
Alpine EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	<b>84</b>
ALA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>AMADOR</b>																	
ALA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>CALAVERAS</b>																	
AMR	1	265	0	0	13	4	2	0	0	0	0	1	0	0	104	96	<b>486</b>
ALA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>MARIPOSA</b>																	
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>STANISLAUS</b>																	
AMR	0	0	0	5936	11187	9078	290	0	0	0	0	1	0	127	739	0	<b>27358</b>
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Patterson	0	0	0	227	215	162	0	0	0	0	0	0	0	0	10	4	<b>618</b>
West Side	0	0	0	283	318	129	0	0	0	0	0	0	0	0	318	1	<b>1049</b>
<b>Helicopters</b>																	
Air Med	0	0	0	0	124	29	0	0	0	0	0	5	0	18	38	2	<b>216</b>
Medi Flight	1	0	0	0	63	83	0	0	0	0	0	0	0	11	10	2	<b>170</b>
<b>TOTAL</b>	<b>2</b>	<b>265</b>	<b>0</b>	<b>6446</b>	<b>11920</b>	<b>9485</b>	<b>292</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>156</b>	<b>1219</b>	<b>189</b>	<b>29981</b>

## MAJOR TRAUMA CALL DESTINATION

2004

(Beginning February 2, 2004)

	Sutter Amador	Mark Twain	John C. Fremont	EMC	DMC	MMC	Oak Valley	Barton	Sutter Roseville	Washoe Reno	Children Oakland	SJGH	Valley Children	UC Davis	Carson Tahoe	OTHER	TOTAL
<b>ALPINE</b>																	
Alpine EMS	*	*	*	*	0	0	*	*	*	*	*	*	*	*	*	*	0
<b>AMADOR</b>																	
ALA	*	*	*	*	2	5	*	*	*	*	*	*	*	*	*	*	7
<b>CALAVERAS</b>																	
AMR	*	*	*	*	0	4	*	*	*	*	*	*	*	*	*	*	4
ALA	*	*	*	*	0	0	*	*	*	*	*	*	*	*	*	*	0
Ebbetts Pass	*	*	*	*	0	3	*	*	*	*	*	*	*	*	*	*	3
San Andreas	*	*	*	*	2	9	*	*	*	*	*	*	*	*	*	*	11
Valley Springs	*	*	*	*	2	5	*	*	*	*	*	*	*	*	*	*	7
<b>MARIPOSA</b>																	
Mercy	*	*	*	*	12	0	*	*	*	*	*	*	*	*	*	*	12
<b>STANISLAUS</b>																	
AMR	*	*	*	*	420	327	*	*	*	*	*	*	*	*	*	*	747
Hughson	*	*	*	*	13	37	*	*	*	*	*	*	*	*	*	*	50
Oak Valley	*	*	*	*	14	61	*	*	*	*	*	*	*	*	*	*	75
Patterson	*	*	*	*	34	16	*	*	*	*	*	*	*	*	*	*	50
West Side	*	*	*	*	7	28	*	*	*	*	*	*	*	*	*	*	35
<b>Helicopters</b>																	
Air Med	*	*	*	*	182	67	*	*	*	*	*	*	*	*	*	*	249
Medi Flight	*	*	*	*	136	226	*	*	*	*	*	*	*	*	*	*	362
<b>TOTAL</b>					824	788											1612

DMC had 3 calls with unknown provider and MMC had 5 calls with unknown provider

Process Reports  
**Training Programs**  
 2004

<b>TRAINING PROGRAM</b>	<b>Number of Classes</b>	<b># of Students Starting</b>	<b># of Students Completing</b>	<b># Took Cert / Lic Exam</b>	<b># Passed 1st Attempt</b>	<b># Passed 2nd Attempt</b>	<b># Did Not Pass</b>	<b>Completion Score *</b>	<b>Cum Eval. Score **</b>
<b>EMD DISPATCHER</b>									
	0								
<b>FIRST RESPONDER</b>									
MJC/Fire Services	1	9	9	9	9	0	0	100%	N/A
Modesto Junior College	3		25	17	15	2	0	100%	N/A
Denair Fire	1	13	13	13	12	1	0	100%	N/A
MVEMSA/Sutter Creek	1	9	9	7	5	1	1	86%	N/A
Mariposa High	3	64	64	63	61	0	2	97%	N/A
Mariposa Fire	3	28	28	28	27	1	0	100%	N/A
MVEMSA/San Andreas Fire	1	24	24	23	16	5	2	91%	N/A
Alpine County	1	3	3	3	3	0	0	100%	N/A
<b>Total</b>	<b>14</b>	<b>150</b>	<b>175</b>	<b>163</b>	<b>148</b>	<b>10</b>	<b>5</b>	<b>97%</b>	
<b>EMT-I</b>									
Abrams College	8		95	95	81	1	13	86%	N/A
Modesto Junior College	3		122	117	98	12	7	94%	N/A
Newman	1		7	7	5	0	2	71%	N/A
Ceres Adult School	2	97	87	78	52	10	16	79%	N/A
MVEMSA/Yosemite	1	20	20	17	12	0	5	71%	N/A
MVEMSA/Mariposa	1	27	27	25	23	0	2	92%	N/A
MVEMSA/Kirkwood	1	7	7	7	6	1	0	100%	N/A
MVEMSA/San Andreas	1	44	36	36	24	5	7	81%	N/A
<b>Total</b>	<b>18</b>	<b>195</b>	<b>401</b>	<b>382</b>	<b>301</b>	<b>29</b>	<b>52</b>	<b>86%</b>	
<b>EMT-P</b>									
MVEMSA/Columbia College	0								
<b>Total</b>									
<b>MICN</b>									
MVEMSA/MMC	2	34	26	26	26	0	0	100%	N/A
Sutter Amador Hospital	1	6	6	6	6	0	0	100%	N/A

<b>Total</b>	3	40	32	32	32	0	0	100%	
<b>TRAINING PROGRAM</b>	<b>Number of Classes</b>	<b># of Students Starting</b>	<b># of Students Completing</b>	<b># Took Cert / Lic Exam</b>	<b># Passed 1st Attempt</b>	<b># Passed 2nd Attempt</b>	<b># Did Not Pass</b>	<b>Completion Score *</b>	<b>Cum Eval. Score **</b>
<b>EMS C.E.</b>									
MVEMSA/EMT Re-Cert Class	2		44						N/A
MVEMSA/BLS Trauma CD		9	9						N/A
MVEMSA/MCI	4	79	79						N/A
MVEMSA/MCI - Instructor	1	11	11						N/A
MVEMSA/Trauma Update	1	24	24						N/A
MVEMSA/Trauma Self Study		34	34						N/A
MVEMSA/Prehospital Symp.	1	85	85						N/A
MVEMSA/ICS - 200	3	54	54						N/A
FR & EMT Testing Workshop	3	89	89						N/A
MVEMSA/Skills Update	1	19	19						N/A
MVEMSA/BLS Skills Review	1	19	19						N/A
<b>Total</b>	<b>17</b>	<b>423</b>	<b>467</b>						

\* Completion Score = Number of students successfully passing exam (1st or 2nd attempt) / Number of students that took the exam.

\*\* Cumulative Evaluation Score = Mean Score (1-5 with 5 being highest) from student course evaluation surveys.

## EMS Dispatch Centers

2004

911 EMS CALLS	Alpine S.O		Amador S.O		Calaveras S.O		Mariposa CDF		Stanislaus AMR		EMS REGION	
	MEAN	90%	MEAN	90%	MEAN	90%	MEAN	90%	MEAN	90%	MEAN	90%
<b>LAPSE TIME</b>												
1st Ring to Pick-up												
Pick-up to 1st Resp.Dispatch												
Pick-up to Amb. Dispatch												
1st Ring to Amb. Dispatch												
<b>EMD COMPLIANCE *</b>												
Case Entry (%)												
Key Questions												
PAI Compliance												
PDI Compliance												
Chief Complaint												
Final Coding												
<b>COMPLIANCE SCORE</b>												
<b>CUSTOMER SERVICE</b>												

\* Based upon an audit of 3%, or 100% (whichever number is greater) of EMS calls received.







Process Reports  
**Field Assessment vs E.D. Diagnosis**  
**2004**

													%	
<b>ALPINE</b>														
Alpine EMS														
<b>AMADOR</b>														
American Legion														
<b>CALAVERAS</b>														
American Legion														
AMR														
Ebbetts Pass														
San Andreas														
Valley Springs														
<b>MARIPOSA</b>														
Mercy														
<b>STANISLAUS</b>														
AMR														
Hughson														
Oak Valley														
Patterson														
West Side														
<b>Helicopters</b>														
Air Med														
Medi Flight														
<b>TOTAL</b>														

Process Reports  
**Advanced ALS Skills Success Rate**  
**2004**

	ADULT								PEDIATRICS						Needle Cricothyro		Needle Thoracos	
	ET (Oral)		ET (Nasal)		Combitube		IV		ET		IV		IO		#	%	#	%
	#	%	#	%	#	%	#	%	#	%	#	%						
<b>ALPINE</b>																		
Alpine EMS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>AMADOR</b>																		
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CALAVERAS</b>																		
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AMR	4	75%	2	100%	1	100%	213	86%	0	0%	2	50%	0	0%	0	0%	0	0%
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MARIPOSA</b>																		
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STANISLAUS</b>																		
AMR	305	87%	17	71%	5	80%	1340	92%	7	100%	237	85%	5	100%	3	100%	0	0%
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Patterson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
West Side	13	100%	0	0%	0	0%	605	92%	0	0%	11	64%	0	0%	0	0%	0	0%
<b>Helicopters</b>																		
Air Med	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Medi Flight	22	95%	0	0%	0	0%	121	45%	0	0%	10	50%	0	0%	0	0%	0	0%
<b>TOTAL</b>	<b>344</b>		<b>19</b>		<b>6</b>		<b>2279</b>		<b>7</b>		<b>260</b>		<b>5</b>		<b>3</b>		<b>0</b>	

# = Total number of skills (successful and unsuccessful)

% = Percent of skill success

Process Reports  
**Medication Administration (Per Patient)**  
**2004**

	Oral Glucose	Activ. Charcoal	Adenos	Albut	Asprin	Atropine	Bretyliu	Calcium Chlor	Destros 25%	Dextros 50%	Diazip (Valium)	Diphen- hydramine	Dopamin	Epi 1:1000	Epi 1:10000	Furosim (Lasix)	Glucagon	Ipecac	Lido
<b>ALPINE</b>																			
Alpine EMS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>AMADOR</b>																			
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CALAVERAS</b>																			
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AMR	0	1	4	16	0	4	0	0	2	5	0	3	0	1	5	3	1	0	2
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MARIPOSA</b>																			
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STANISLAUS</b>																			
AMR	0	93	76	1398	0	273	0	3	59	486	8	115	17	16	263	88	120	7	62
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Patterson	4	8	4	25	37	5	0	0	2	5	0	5	0	0	6	0	0	0	0
West Side	4	13	1	51	14	6	0	0	8	19	0	6	0	3	5	0	5	0	0
<b>Helicopters</b>																			
Air Med	0	0	0	0	0	4	0	0	0	0	0	1	1	1	2	0	0	0	12
Medi Flight	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	12
<b>TOTAL</b>	<b>8</b>	<b>115</b>	<b>85</b>	<b>1491</b>	<b>51</b>	<b>293</b>	<b>0</b>	<b>3</b>	<b>71</b>	<b>515</b>	<b>8</b>	<b>130</b>	<b>18</b>	<b>21</b>	<b>282</b>	<b>91</b>	<b>126</b>	<b>7</b>	<b>88</b>

# = Medications not in the EMT-P scope of practice except for monitoring only. These are for flight nurses and transfer nurses.

## Chest Pain: Suspected Cardiac Origin 2004

	# of Cases Per PCR	Confirmed Cases per ED	% Confirmed	TX Administered (% of Total)							ED Disposition			
				O2	Monitor	ASA	NTG	IV	MS	↓ Symp	Home	Died	Transferred	Admit
<b>ALPINE</b>														
Alpine EMS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>AMADOR</b>														
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CALAVERAS</b>														
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AMR		*	*	26	29	0	21	25	11	0	*	*	*	*
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MARIPOSA</b>														
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STANISLAUS</b>														
AMR	1487	*	*	1284	1388	0	866	1145	233	0	291	2	24	234
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Patterson	63	*	*	59	45	31	0	0	9	0	*	*	*	*
West Side	84	*	*	76	80	11	62	68	4	0	*	*	1	4
<b>Helicopters</b>														
Air Med	4	*	*	4	4	0	2	2	2	0	*	*	*	*
Medi Flight	2	*	*	2	0	0	1	2	2	0	*	*	*	*
<b>TOTAL</b>	<b>1640</b>	<b>0</b>	<b>0</b>	<b>1451</b>	<b>1546</b>	<b>42</b>	<b>952</b>	<b>1242</b>	<b>261</b>	<b>0</b>	<b>291</b>	<b>2</b>	<b>25</b>	<b>238</b>

\* N/A = Data Not Available

Outcome Report  
**Cardiac Arrest (Transported)**  
**2004**

	Initial Arrest Rhythm				TOTAL TRANS	E.D. Disposition							Discharge Disposition			
	VFib/Tach	PEA	Asystole	Other		Home	Admit Floor	ICU/CCU	Transfer	AMA	DOA/Died in ED	Unknown	Home	Died	Transferred	Unknown
<b>ALPINE</b>																
Alpine EMS					0											
<b>AMADOR</b>																
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CALAVERAS</b>																
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AMR	1	1	0	2	4	*	*	*	*	*	*	*	*	*	*	*
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MARIPOSA</b>																
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STANISLAUS</b>																
AMR	42	29	104	25	200	1	14	2	2	0	39	142	5	4	0	191
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Patterson					6							6				6
West Side					6							6				6
<b>Helicopters</b>																
Air Med					2											
Medi Flight					0											
<b>TOTAL</b>	<b>43</b>	<b>30</b>	<b>104</b>	<b>27</b>	<b>218</b>	<b>1</b>	<b>14</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>39</b>	<b>154</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>203</b>



Outcome Report  
**Pulseless V Fib /Tach (Unwitnessed)**  
 2004

	Pre ALS TX (% of Total)			ALS TX Administered (% of Total)						%Return of Circulation	ED Disposition			Hosp Discharge		
	Citez CPR	AED	Shock<10min	Defib <1min	E.T	CO2 Detect	EPI	Lido	NaHCO3		Admit	Trans	Died	Home	Trans	Died
<b>ALPINE</b>																
Alpine EMS																
<b>AMADOR</b>																
American Legion																
<b>CALAVERAS</b>																
American Legion																
AMR																
Ebbetts Pass																
San Andreas																
Valley Springs																
<b>MARIPOSA</b>																
Mercy																
<b>STANISLAUS</b>																
AMR																
Hughson																
Oak Valley																
Patterson																
West Side																
<b>Helicopters</b>																
Air Med																
Medi Flight																
<b>TOTAL</b>																



## SOB: Suspected Bronchospasms 2004

	# of Cases Per PCR	Confirmed Cases per ED	% Confirmed	TX Administered (% of Total)							E.D. Disposition			
				O2	Monitor	Albuterol	IV	Nitro*	Lasix*	↓ Symp	Home	Died	Admit	Transfer
<b>ALPINE</b>														
Alpine EMS	0													
<b>AMADOR</b>														
American Legi	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CALAVERAS</b>														
American Legi	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AMR	0													
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MARIPOSA</b>														
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STANISLAUS</b>														
AMR	202			169	167	169	128	1	0		42	0	18	1
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Patterson	13			7	5	10								
West Side	18			12	16	15	13							
<b>Helicopters</b>														
Air Med	0													
Medi Flight	0													
<b>TOTAL</b>	<b>233</b>	<b>0</b>	<b>0</b>	<b>188</b>	<b>188</b>	<b>194</b>	<b>141</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>18</b>	<b>1</b>

**Note:** Nitro and Lasix not per protocol  
Unknown E.D. Disposition = 170

**SOB: Suspected Fluid Overload**

(patient transported)

2004

	# of Cases Per PCR	Confirmed Cases per ED	% Confirmed	TX Administered (% of Total)									E.D. Disposition				
				O2	Monitor	NTG	IV	MS	Lasix	Dopamine	Albuter* <sup>*</sup>	↓ Symp	Home	Died	Admit	Transfer	
<b>ALPINE</b>																	
Alpine EMS	0																
<b>AMADOR</b>																	
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CALAVERAS</b>																	
American Legion	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AMR	0																
Ebbetts Pass	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
San Andreas	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valley Springs	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>MARIPOSA</b>																	
Mercy	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STANISLAUS</b>																	
AMR	258			224	242	124	194	22	44	3	29		27	0	52	3	
Hughson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Oak Valley	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Patterson	5			5	3	0	0	0	0	0	0						
West Side	14			14	13	7	11	0	0	0	1				3		
<b>Helicopters</b>																	
Air Med	1			1	1	1	0	0	0	0	0						
Medi Flight	0																
<b>TOTAL</b>	<b>278</b>	<b>0</b>	<b>0</b>	<b>244</b>	<b>259</b>	<b>132</b>	<b>205</b>	<b>22</b>	<b>44</b>	<b>3</b>	<b>30</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>55</b>	<b>3</b>	

Albuterol not per Protocol

Calls with unknow E.D. Disposition = 192

Outcome Report  
**Major Trauma**  
 2004

	Adult			Peds	Burns	E.D. Disposition								Discharge Disposition			
	Tier I	Teir II				DOA	Surgery	Admit Floor	ICU/CCU	Transfer	AMA	Died in ED	Home	Other	Home	Died	Transferred
<b>ALPINE</b>																	
Alpine EMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AMADOR</b>																	
American Legion	1	7	0	0	0	0	3	2	0	0	0	1	1	5	0	2	0
<b>CALAVERAS</b>																	
AMR	0	3	0	0	0	0	0	3	0	0	0	1	0	4	0	0	0
Ebbetts Pass	2	2	0	0	0	1	2	0	1	0	0	0	0	0	0	3	1
San Andreas	2	7	0	0	0	1	2	4	1	0	0	2	1	7	0	3	1
Valley Springs	2	2	1	0	0	1	3	2	0	0	0	1	0	5	0	2	2
<b>MARIPOSA</b>																	
Mercy	1	13	1	0	0	4	12	2	1	0	0	2	0	0	0	0	0
<b>STANISLAUS</b>																	
AMR	164	359	23	7	2	101	183	100	35	0	32	162	9	466	12	46	131
Hughson	4	38	1	1	0	9	11	8	4	0	0	11	6	36	1	6	7
Oak Valley	16	40	2	1	2	14	20	14	6	1	0	12	6	52	1	8	14
Patterson	7	38	0	0	0	8	17	6	1	0	6	14	4	42	0	4	4
West Side	6	22	3	0	2	2	12	4	1	0	1	7	1	22	2	1	7
<b>Helicopters</b>																	
Air Med	45	170	2	0	0	51	67	55	13	1	4	47	6	176	2	30	39
Medi Flight	128	202	6	0	3	82	84	95	14	0	10	49	21	225	20	32	83
<b>TOTAL</b>	<b>378</b>	<b>903</b>	<b>39</b>	<b>9</b>	<b>9</b>	<b>274</b>	<b>416</b>	<b>295</b>	<b>77</b>	<b>2</b>	<b>53</b>	<b>309</b>	<b>55</b>	<b>1040</b>	<b>38</b>	<b>137</b>	<b>289</b>

Data for this report is from Memorial Medical Center and Doctors Mecical Center's Trauma Registry only