

RIVERSIDE COUNTY



EMCC Members Per Board of Supervisors
Resolution No. 2013-052:

PMAC Physician Representative

1.a. Stephen Patterson, MD

Hospital Association Representative

1.b. Dimitrios Alexiou

Riverside County Medical Association

1.c. Deepak Chandwani, MD

County Contracted Emergency Ambulance

1.d. Peter Hubbard

Ambulance Association Representative

1e. Kelly Martinez

County Permitted Air Ambulance Provider

1.f. Vacant

Riverside County Fire Chiefs' Association

1.g. Jason Keeling

Coachella Valley Association of Governments

1.h. Randal Bynder

Western Riverside Council of Governments

1.i. Andy Takata

Riv Co Law Enforcement Agency Admin Assoc

1.j. Sean Hadden

PMAC Prehospital Representative

1.k. Jim Price

Riverside Co Fire Dept Rep

1.l. Phil Rawlings

Supervisorial District One

1.m. Robert Roy

Supervisorial District Two

1.m. Stan Grube

Supervisorial District Three

1.m. Mike Norris

Supervisorial District Four

1.k. Blake Goetz

Supervisorial District Five

1.m. Kent McCurdy

The next meeting of the EMCC is on:

Wednesday, April 2, 2013

9:00AM – 10:30AM

Riverside County Regional Medical Center

26520 Cactus Avenue, Moreno Valley

Rooms A1017 and A1019

1. CALL TO ORDER
Chair—Stan Grube
2. ROUNDTABLE INTRODUCTIONS (5 Minutes)
Chair—Stan Grube
3. APPROVAL OF MINUTES (5 Minutes)
October 2, 2013 Minutes (Attachment A)
4. EMS AGENCY REPORTS (30 Minutes)
 - 4.1 EMS Agency Office and Staffing Changes—Bruce Barton
 - 4.2 Offload Delay Report—Patrice Shepherd (Attach B)
 - 4.3 EMS System Evaluation—Brian MacGavin
5. OTHER REPORTS (20 Minutes)
 - 5.1 PMAC— Steven Patterson, MD / Jim Price
 - 5.2 PHEPR Branch—Kim Saruwatari
 - 5.3 CPR / AED Subcommittee—Robert Roy
6. UNFINISHED BUSINESS (5 Minutes)
7. NEW BUSINESS (15 Minutes)
 - 7.1 EMS Policy Manual Annual Update—Scott Moffatt (Attach C)
 - 7.2 Membership—Brian MacGavin (Attachment D)
 - 7.3 Chair & Vice-Chair Elections—Brian MacGavin
8. OPEN COMMENTS (10 Minutes)
9. NEXT MEETING / ADJOURNMENT (1 Minute)
July 16, 2014

NOTICE: Items on the agenda: Any member of the public may address this meeting of the Emergency Medical Care Committee or any items appearing on the agenda by raising their hand to be recognized by the Chair or acting Committee Chairperson. If a member of the public desires to speak, they must do this before or anytime during discussion of the item. All comments are to be directed to the Emergency Medical Care Committee and shall not consist of any personal attacks. Members of the public are expected to maintain a professional, courteous decorum during their comments. A three-minute limitation shall apply to each member of the public, unless the Chair extends such time. No member of the public shall be permitted to "share" his/her three minutes with any other member of the public.

Items not on the agenda: Any member of the public may address this meeting of the Emergency Medical Care Committee on any item that does not appear on the agenda, but is of interest to the general public and is an item upon which the Committee may act. All comments are to be directed to the Emergency Medical Care Committee and shall not consist of any personal attacks. Members of the public are expected to maintain a professional, courteous decorum during their comments. A three-minute limitation shall apply to each member of the public who wishes to address the Committee on a matter not on the agenda. No member of the public shall be permitted to "share" his/her three minutes with any other member of the public. (Usually, any items received under this heading are referred to the staff for further study, research, completion, and/or future Committee action.)

It is the responsibility of the members of the committee to disseminate information from EMCC meetings to the organizations they represent. Any questions regarding meeting or agenda items may be addressed to Brian MacGavin, Assistant EMS Director, Riverside County EMS Agency at (951) 358-5029. **Next meeting:** **Wednesday, April 2, 2014, 9:00 AM - 10:30 AM, Riverside County Regional Medical Center.** EMCC agendas with attachments are available online at www.rivcoems.org

The County of Riverside does not discriminate on the basis of disability in admission to, access to, or operations of its programs, services or activities. It is committed to ensuring that its programs, services, and activities are fully accessible to and usable by people with disabilities. If you have a disability and need assistance, contact Brian MacGavin at (951) 358-5029.

TOPIC	DISCUSSION	ACTION
1. CALL TO ORDER		Chair Stan Grube commenced the meeting at 9:00 AM.
2. ROUNDTABLE INTRODUCTIONS		Self-introductions were performed.
3. APPROVAL OF MINUTES		Meeting minutes from the last EMCC meeting, July 17, 2013 were reviewed and accepted without any changes.
4. EMS AGENCY REPORT		
4.1 EMS Agency Staffing – Bruce Barton	<p>Bruce Barton thanked Dr. Ochoa for his twenty-one years of excellence service and leadership as REMSA’s Medical Director. Dr. van Stralen was introduced as REMSA’s new incoming Medical Director.</p> <p>REMSA is hiring an EMS specialist for education and training and a Contracts and Grants Analyst to fill a vacancy.</p>	Information only.
4.2 Ambulance ED Wait Times – Trevor Douville	<p>There are numerous ambulance response time delays directly attributed to ambulance offload delays at the hospitals. Trevor Douville reviewed the charts on Attachment B of the EMCC agenda. On page 1, year to date wait time totals for January through August 2013 there were about 1000 hours of ambulance ED wait time per month. This does not include the first 30 minutes for each occurrence. When comparing this to previous years it can be observed that some hospitals are already above and beyond the 12 month totals. Total delay times from all hospitals in Riverside County for January to August 2013 were over 16,000 hours. However, some hospitals continued to have low wait time hours; these include the hospitals in the desert region.</p> <p>There was discussion on contributing issues and programs used to elevate</p>	Information only.

	this problem.	
<p>4.3 EMS System Evaluation – Bruce Barton</p>	<p>The EMS System Evaluation project will be showing us how the EMS is currently performing and what system improvements and efficiencies can be used to improve patient outcomes in the future.</p> <p>The Abaris Group has completed the “As Is” Report which will be finalized at tomorrow’s EMS System Evaluation Steering Committee meeting. The “As Is” Report will be available on the REMSA website.</p> <p>Phase 1 of the evaluation will be completed by December 2013. The deliverables will be submitted to the Board of Supervisors in March. Phase 2 will be focused on the strategic planning process and innovations such as Community Paramedicine, and improved education and training.</p>	Information only.
<p>5. OTHER REPORTS</p>		
<p>5.1 PMAC – Jim Price</p>	<p>There were discussions on the changes to protocols. One recommendation from Technical Advisory Group (TAG) is the spinal mobilization protocol and how to train providers on changes to this protocol. Also, discussed are synchronizing some of our protocols with ICEMA’s. The protocol changes will be effective April 1, 2014 and the 2014 Policy Manual can be viewed at: www.remsa.us/policy/2014/. Policy 3201 will require all BLS providers to have a business physical address in Riverside County. Policy 3302 will required a closed system for controlled substances (drugs). The Stroke Centers Policy will require all hospitals to be stroke ready hospitals by July 1, 2015. The Continuous Quality Improvement (CQI) Technical Advisory Group (TAG) is working towards requiring one data collection system; using Sansio by</p>	Information only.

	January 1, 2015.	
5.2 PHEPR Branch – Ramon Leon	There will be three upcoming exercises, two of which will be tabletop exercises in preparation for the State’s Health and Medical exercise in November. It will involve an E. coli outbreak. Contact PHEPR Branch or Ramon Leon for more information.	Information only.
5.3 CPR / AED Subcommittee – Robert Roy	Robert Roy announced that October is Sudden Cardiac Arrest Awareness Month. The EMCC subcommittee is currently working on a draft ordinance based on San Diego City’s building codes mandating AEDs in new commercial and remodeled buildings. The costs will be absorbed by the developers. As for CPR training, the goal is to get CPR training as a graduation requirement from high schools. There was additional discussion on requiring CPR training in the schools.	Information only.
6. UNFINISHED BUSINESS		
6.1 EMS Plan 2013 Update – Brian MacGavin	At the last EMCC meeting the EMS Plan was approved for a 30-day written comment period that ended on August 17, 2013. There were a few minor comments that were incorporated and the Plan will be submitted to the State within two weeks and posted on REMSA’s website.	Information only.
6.2 Annual EMCC Board of Supervisors Report – Brian MacGavin	Stan Grube recommended having an email vote to approve of the requested changes to the report discussed at the last EMCC meeting. Greater than 50 percent of EMCC members gave their approval for the submission of the report with the changes. The report is currently being reviewed by the Department of Public Health Administration and the Executive Office. The report should be on the Board of Supervisor’s agenda in about three weeks.	Information only.
6.3 Permitted Air Ambulance Providers Representative -	At the last EMCC meeting there was a request to send a letter to all Riverside	Information only.

<p>Brian MacGavin</p>	<p>County permitted helicopter ambulance providers requesting that they nominate a representative to EMCC. A letter was sent and there has been no reply.</p> <p>Kelly Martinez is no longer the Ambulance Association representative to EMCC. There was discussion on how to nominate another representative.</p>	
<p>7. NEW BUSINESS</p>		
<p>7.1 Proposed EMCC 2014 Meeting Dates –</p>	<p>2014 EMCC meeting dates were proposed at the last EMCC meeting. The January 8, 2014 had to be changed to January 15, 2014 due to room availability. The other dates remain the same. A vote was requested to accept this change.</p>	<p>EMCC approved of the meeting date change. A schedule of the meetings will be posted on REMSA's website.</p>
<p>8. OPEN COMMENTS -</p>	<p>REMSA is hosting a mini conference: "Fulfilling the Promise of EMS" to be held at the Ben Clark Training Center on October 16, 2013 from 8:00 AM – 12:00 PM. Continuing education credits will be offered. The flyer is posted on REMSA's website.</p> <p>REMSA has submitted two Community Paramedicine proposals to the State; one is a joint venture between Murrieta Fire Department and Pechanga Fire Department and the other is from Corona Fire Department. Additional information can be obtained by visiting the State EMS Authority's website.</p> <p>Jason Keeling gave a report on fire based EMS. The Fire Chiefs are looking forward to engaging in EMS and build relationships with other EMS organizations.</p> <p>Trevor Douville announced that REMSA has secured a grant to begin working on a multi- patient management system next year. REMSA's Mass Casualty Incident (MCI) policy effectively meets</p>	<p>Information only.</p>

	<p>the needs for smaller incidents but multi-patient management system is needed for larger incidents.</p> <p>Brian MacGavin recognized San Gorgonio Memorial Hospital for their improvement on bed delays and achieving over 90 percent compliance.</p> <p>Trevor Douville thanked Trish Ritarita and her team for their work using best practices resulting in decreased bed delays at San Gorgonio Memorial Hospital.</p> <p>Jim Price congratulated Sean Hadden who was promoted to Police Chief for Murrieta.</p> <p>Kay Schulz announced the upcoming RCRMC 7th Annual Trauma Conference on October 18, 2013.</p> <p>Tom Cronin from Riverside Community Hospital mentioned using educational tools to help improve compliance on bed delays. There was further discussion on this topic.</p> <p>Inland Valley Medical Center is now designated as a Level II Trauma Center.</p> <p>Loma Linda University Medical Center – Murrieta is now a designated STEMI center.</p>	
<p>9. NEXT MEETING / ADJOURNMENT –</p>	<p>January 15, 2014.</p>	<p>Information only.</p>

FOR CONSIDERATION BY EMCC

DATE: March 19, 2014

TO: EMCC

FROM: Patrice Shepherd

SUBJECT: Ambulance Patient Offload Delay Report

The current (attached) Ambulance Patient Offload Delay report includes data through the end of February 2014. Although high volume and a heavier flu season exacerbated Ambulance Patient Offload Delays in January, February saw a significant improvement: about a third fewer offload delays, nearly matching December 2013 delay hours and occurrences.

ACTION: EMCC should be prepared to receive the information and provide feedback to REMSA

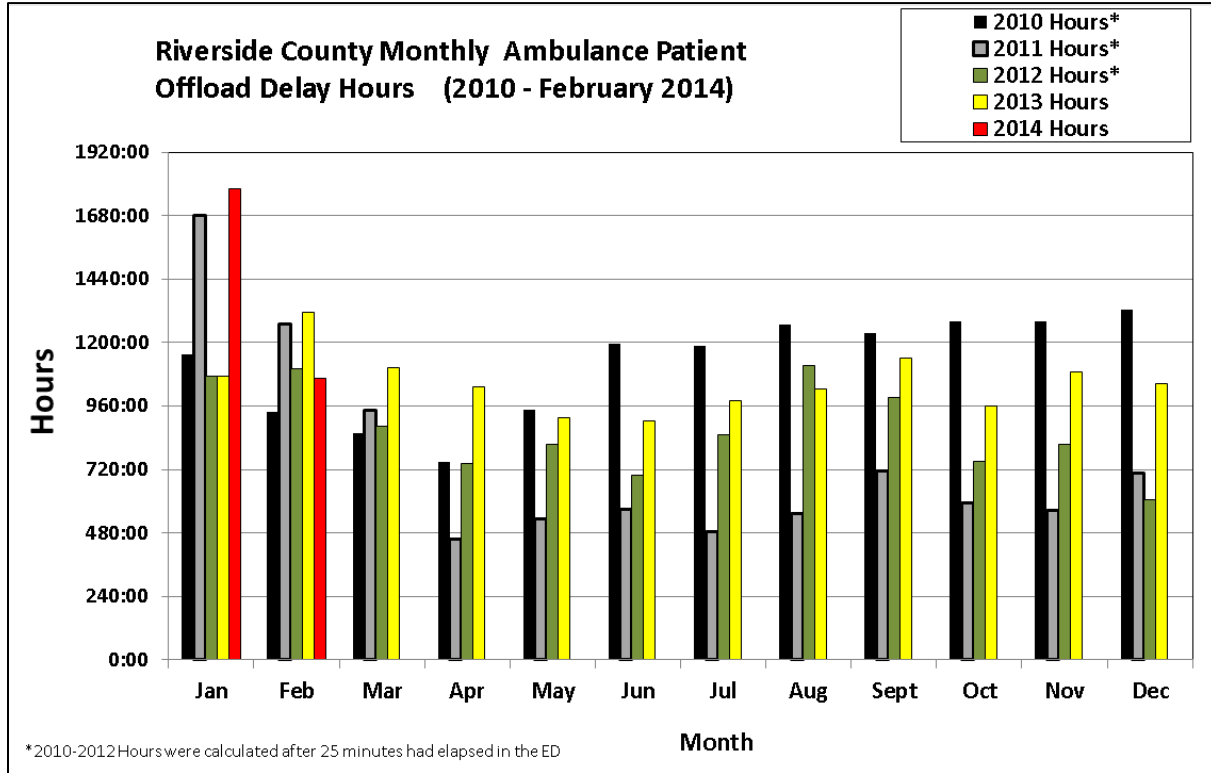


AMBULANCE PATIENT OFFLOAD DELAYS

March 10, 2014

RIVERSIDE COUNTY AMBULANCE PATIENT OFFLOAD DELAYS HISTORICAL COMPARISON

Data provided illustrates total ambulance patient offload delay time (hh:mm) by month for 2010-2014 by hospitals within Riverside County. To qualify for this chart, the duration of offload delay must be greater than 30 minutes (2013 and forward) and only the time period after the first 30 minutes is summed. 2010-2012 Offload delay data used a 25-minute standard.



Total Annual Hours* and Ambulance Patient Offload Delays by hospital, 2010 to 2013

Hospital	2010		2011		2012		2013	
	Total Hours*	Offload Delays	Total Hours*	Offload Delays	Total Hours*	Offload Delays	Total Hours*	Offload Delays
RCH	4492:02:14	8936	1571:42:46	3352	2198:41:11	3953	2712:32:25	5978
Kaiser	228:13:15	779	173:06:25	559	151:16:22	472	196:02:59	496
Parkview	1408:19:41	2616	1371:19:18	2435	1881:03:47	2833	1171:41:25	2037
RRCMC	459:22:28	1390	545:44:19	1535	892:20:22	2276	1107:06:11	2375
Corona	1649:46:36	2634	1539:56:42	2550	1694:56:09	2803	1717:47:56	2522
Moreno Valley	258:15:33	924	285:04:10	824	268:19:32	809	420:59:39	888
Menifee	621:54:58	1542	568:04:22	1210	322:28:21	791	725:38:26	1158
LLUMC- Murrieta	NA	NA	61:57:57	179	265:40:04	675	888:15:15	1411
Inland Valley	1772:47:13	3763	879:15:32	1671	949:05:59	2134	643:33:09	1307
Rancho Springs	1253:45:23	2908	577:15:19	1209	136:57:10	417	137:27:11	326
Temecula Valley							10:07:03	28
Hemet	939:40:28	2912	1060:21:22	2980	1081:16:55	2720	2535:17:35	4151
San Gorgonio	145:19:45	447	215:17:12	568	222:07:47	595	127:45:02	298
Eisenhower	23:06:49	114	33:56:41	171	64:56:15	320	54:56:39	241
Desert	102:38:56	412	122:26:14	562	233:06:47	788	68:47:04	347
JFK	63:07:19	310	65:48:08	296	81:16:43	337	58:37:55	252
Totals	13,418:20:38	29,687	9,071:16:27	20,101	10,443:33:24	21,923	12,576:35:54	23,815

*Total Hours do not include the first 25 minutes of each offload delay (2010-2012), or the first 30 minutes (2013-)

AMBULANCE PATIENT OFFLOAD DELAYS AND OVERALL COMPLIANCE

This data includes 2013 and 2014 Ambulance Patient Offload Delays, hours of delay, total time the ambulances and patients are delayed, ALS transports received by each hospital, compliance, and average delays per occurrence. "Delay Hours" include any time after the initial 30 minutes in the ED have passed; "Total Delay Time" sums both the delay and the initial 30 minutes. "Compliance" represents the percentage of ALS ambulance transports that were not held on Offload Delay.

Ambulance Patient Offload Delay Data, 2014 (January and February ONLY)

Hospital	Offload Delay Hours	Total Delay Time*	Total ALS Transports	Offload Delay Occurrence	Compliance%**	Avg Delay/ Occurrence*
RCH	662:55:27	1290:25:27	2787	1255	55%	1:01:42
Kaiser	34:10:47	89:10:47	879	110	87%	0:48:39
Parkview	276:02:03	508:02:03	1038	464	55%	1:05:42
RCRMC	160:53:36	352:23:36	1939	383	80%	0:55:12
Corona	365:45:21	621:45:21	1127	512	55%	1:12:52
Moreno Valley	114:08:27	228:08:27	550	228	59%	1:00:02
Menifee	144:18:27	268:18:27	751	248	67%	1:04:55
LLUMC –Murrieta	192:07:40	358:37:40	900	333	63%	1:04:37
Inland Valley	77:27:17	174:57:17	1473	195	87%	0:53:50
Rancho Springs	16:08:11	42:08:11	686	52	92%	0:48:37
Temecula Valley	11:06:27	25:36:27	549	29	95%	0:52:59
Hemet	732:52:04	1261:22:04	2505	1057	58%	1:11:36
San Geronio	31:13:08	75:43:08	1002	89	91%	0:51:03
Eisenhower	6:45:23	29:45:23	665	46	93%	0:38:49
Desert	10:59:44	37:29:44	1757	53	97%	0:42:27
JFK	11:50:02	42:20:02	602	61	90%	0:41:38
Totals	2,848:44:04	5,406:14:04	19,210	5,115	73%	1:03:25

* Includes the first 30 minutes of each Offload Delay.

** Compliance% represents the percentage of ALS ambulance transports not on Offload Delay (data includes only 9-1-1 contractual provider).

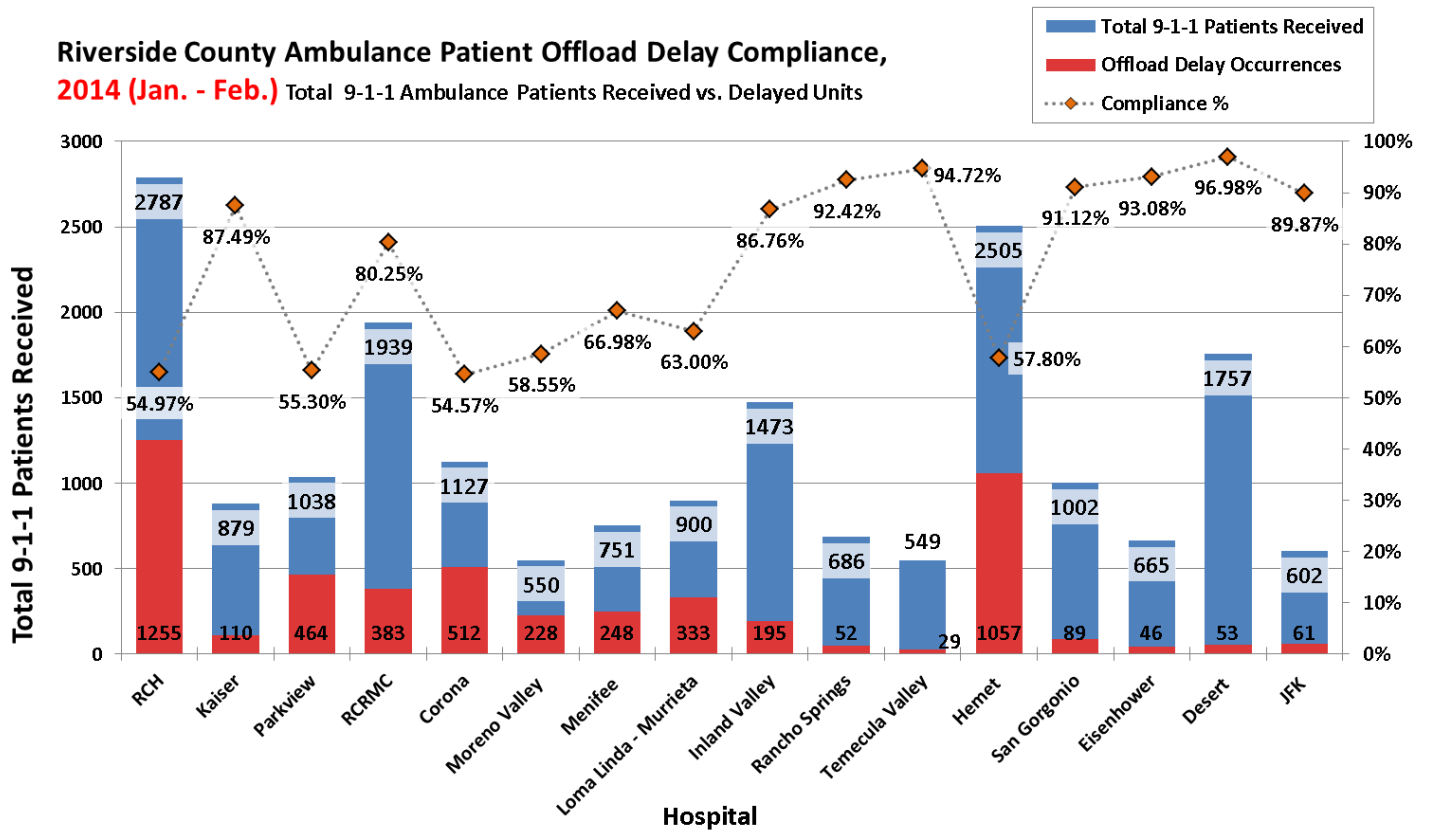
Ambulance Patient Offload Delay Data, 2013

Hospital	Offload Delay Hours	Total Delay Time*	Total ALS Transports	Offload Delay Occurrence	Compliance%**	Avg Delay/ Occurrence*
RCH	2712:32:25	5701:32:25	19425	5978	69%	0:57:14
Kaiser	196:02:59	444:02:59	5591	496	91%	0:53:43
Parkview	1171:41:25	2190:11:25	6721	2037	70%	1:04:31
RCRMC	1107:06:11	2294:36:11	14113	2375	83%	0:57:58
Corona	1717:47:56	2978:47:56	7197	2522	65%	1:10:52
Moreno Valley	420:59:39	864:59:39	3069	888	71%	0:58:27
Menifee	725:38:26	1304:38:26	4581	1158	75%	1:07:36
LLUMC –Murrieta	888:15:15	1593:45:15	5079	1411	72%	1:07:46
Inland Valley	643:33:09	1297:03:09	9470	1307	86%	0:59:33
Rancho Springs	137:27:11	300:27:11	6667	326	95%	0:55:18
Temecula Valley	10:07:03	24:07:03	739	28	96%	0:51:41
Hemet	2535:17:35	4610:47:35	15599	4151	73%	1:06:39
San Geronio	127:45:02	276:45:02	6278	298	95%	0:55:43
Eisenhower	54:56:39	175:26:39	5108	241	95%	0:43:41
Desert	68:47:04	242:17:04	11406	347	97%	0:41:54
JFK	58:37:55	184:37:55	3714	252	93%	0:43:58
Totals	12,576:35:54	24,484:05:54	124,757	23,815	81%	1:01:41

* Includes the first 30 minutes of each Offload Delay.

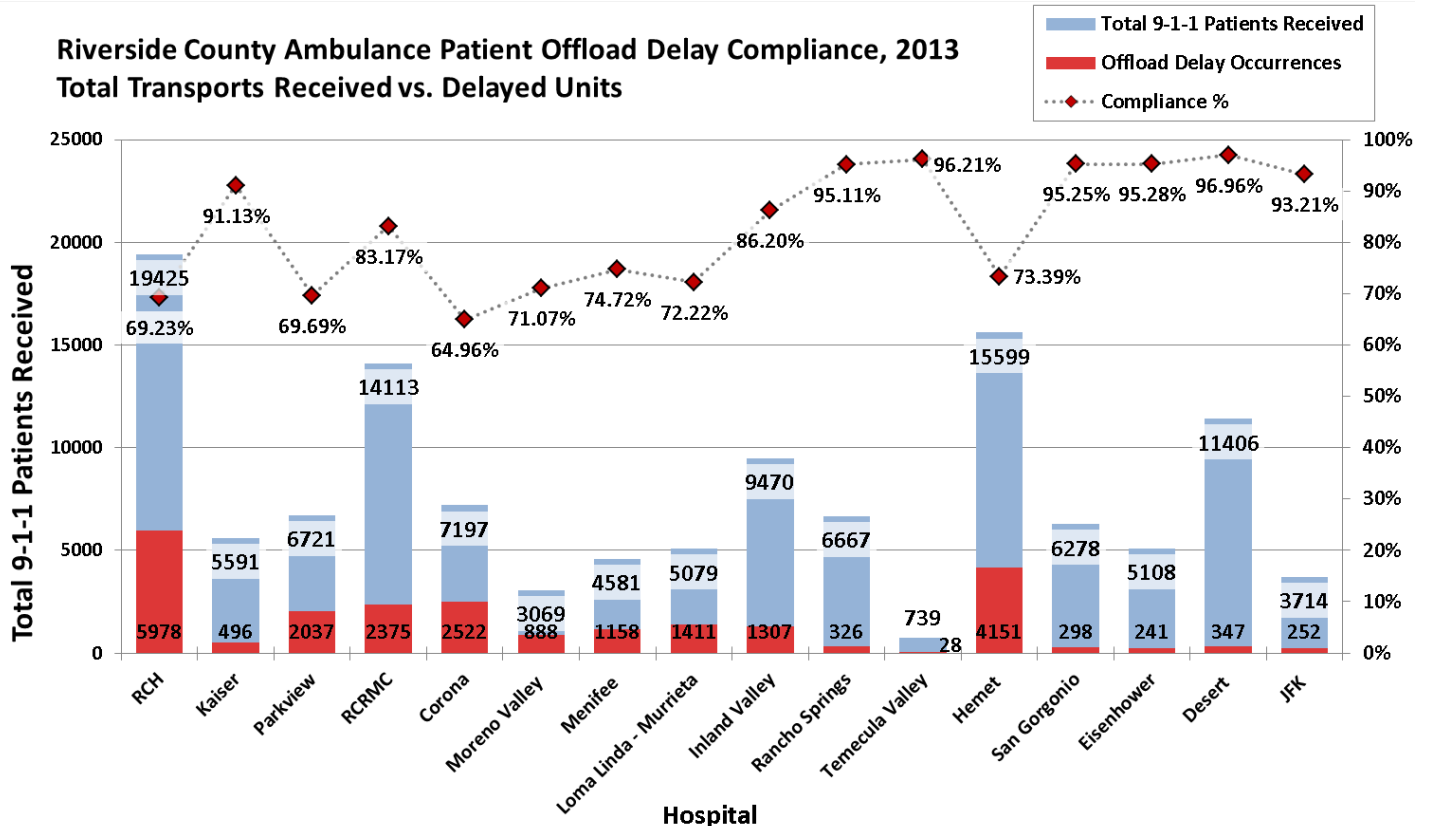
** Compliance% represents the percentage of ALS Ambulance transports not on Offload Delay (data includes only 9-1-1 contractual provider).

Riverside County Ambulance Patient Offload Delay Compliance, 2014 (Jan. - Feb.) Total 9-1-1 Ambulance Patients Received vs. Delayed Units



Prepared by T. Douville/P. Shepherd, REMSA

Riverside County Ambulance Patient Offload Delay Compliance, 2013 Total Transports Received vs. Delayed Units



Prepared by T. Douville/P. Shepherd, REMSA

**Ambulance Patient Offload Delays by Month: Delay Time and Occurrences by hospital* -
Dec. 2013 –Feb. 2014**

Hospital	Dec. '13 Delay Hours	<i>Dec. '13 Offload Delays</i>	Jan. '14 Delay Hours	<i>Jan. '14 Offload Delays</i>	Feb. '14 Delay Hours	<i>Feb. '14 Offload Delays</i>
RCH	222:39:59	514	486:26:00	814	176:29:27	441
Kaiser	19:03:09	55	18:34:08	60	15:36:39	50
Parkview	86:50:10	174	170:58:09	275	105:03:54	189
RRCMC	97:31:26	219	104:52:13	235	56:01:23	148
Corona	134:38:13	235	198:12:19	292	167:33:02	220
Moreno Valley	58:24:25	99	64:02:13	134	50:06:14	94
Menifee	46:01:20	87	104:33:47	165	39:44:40	83
LLUMC –Murrieta	56:27:34	100	106:56:01	174	85:11:39	159
Inland Valley	38:14:41	83	48:46:10	120	28:41:07	75
Rancho Springs	1:47:19	11	8:47:32	29	7:20:39	23
Temecula Valley	5:26:06	13	7:01:48	21	4:04:39	8
Hemet	260:33:03	432	436:15:09	598	296:36:55	459
San Geronio	7:00:48	19	15:43:15	49	15:29:53	40
Eisenhower	2:44:02	20	2:39:47	21	4:05:36	25
Desert	3:28:01	17	3:41:21	25	7:18:23	28
JFK	2:52:55	16	4:39:27	26	7:10:35	35
Totals	1,043:43:11	2,094	1,782:09:19	3,038	1,066:34:45	2,077

*Monthly Delay Time does not include the first 30 minutes of each Offload Delay occurrence.

Data for this report was provided by American Medical Response (AMR) to the Riverside County EMS Agency for review and analysis. The data represents only AMR 9-1-1 ALS resources and does not include any other ambulance companies.

FOR CONSIDERATION BY EMCC

DATE: March 19, 2014

TO: EMCC

FROM: Scott Moffatt, EMS Specialist

SUBJECT: 2014 Policy Manual

The 2014 Policy Manual is complete and available online at:

www.remsa.us/policy/2014/

The 2014 Policy Manual becomes effective at 0000 hours on April 1, 2014.

ACTION: Review the 2014 Policy Manual at www.remsa.us/policy/2014/ and keep up to date with any changes at REMSA.US.

FOR CONSIDERATION BY EMCC

Attachment D

DATE: March 19, 2014

TO: EMCC

FROM: Brian MacGavin, REMSA Assistant Director

SUBJECT: 2013 EMCC Attendance and Term Dates

ACTION: Review of EMCC Attendance for 2013 and Term Dates

Member	Representing	Term Dates	January 16, 2013	April 3, 2013	July 17, 2013	Oct 3, 2013
Dimitrios Alexiou	HASC	NA	Absent	Present	Present	Present
Randal Bynder	CVAG	July 1, 2013--June 30, 2016	Not a member	Not a member	Present	Absent
Deepak Chandwani	RCMA	July 1, 2012--June 30, 2015	Present	Absent	Present	Present
Blake Goetz	District Four	July 1, 2011--June 30, 2014	Absent	Present	Present	Absent
Stan Grube	District Two	July 1, 2011--June 30, 2014	Present	Present	Present	Present
Sean Hadden	RCLEAA	July 1, 2013--June 30, 2016	Not a member	Present	Present	Absent
Peter Hubbard	AMR	NA	Present	Absent	Present	Absent
Cameron Kaiser	Co. Health Officer	NA	Absent	Absent	Absent	Absent
Jason Keeling	RCFCA	July 1, 2012--June 30, 2015	Present	Present	Absent	Present
Mike Marlow	CVAG	No longer a member	Present	Absent	Not a member	Not a member
Kelly Martinez	Ambulance Association	July 1, 2013--June 30, 2016	Not a member	Not a member	Absent	Absent
Kent McCurdy	District Five	July 1, 2012--June 30, 2015	Present	Absent	Present	Absent
Tom McEntee	District One	No longer a member	Present	Not a member	Not a member	Not a member
Mike Norris	District Three	July 1, 2011--June 30, 2014	Absent	Absent	Absent	Absent
Humberto Ochoa	REMSA Med Director	NA	Present	Absent	Present	Present
Stephen Patterson	PMAC Physician	July 1, 2012--June 30, 2015	Absent	Absent	Present	Absent
Jim Price	PMAC Prehospital	July 1, 2013--June 30, 2016	Present	Present	Present	Present
Phil Rawlings	Riverside Co Fire Dept.	NA	Present	Present	Present	Present
Robert Roy	District One	July 1, 2011--June 30, 2014	Not a member	Absent	Present	Present
Andy Takata	WROCG	July 1, 2013--June 30, 2016	Not a member	Not a member	Absent	Absent
Grant Yates	WROCG	No longer a member	Absent	Absent	Not a member	Not a member
Vacant	Air Ambulance Provider	July 1, 2013--June 30, 2016	Absent	Absent	Absent	Absent