



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, October 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)  
July 17, 2013 Minutes (Attachment A)
4. EMS AGENCY REPORTS (20 Minutes)
  - 4.1 EMS Agency Staffing—Bruce Barton
  - 4.2 Ambulance ED Wait Times—Patrice Shepherd (Attachment B)
  - 4.3 EMS System Evaluation—Bruce Barton
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)
  - 6.1 EMS Plan 2013 Update—Brian MacGavin
  - 6.2 Annual EMCC Board of Supervisors Report—Brian MacGavin
  - 6.3 Permitted Air Ambulance Providers Representative—Brian MacGavin
7. NEW BUSINESS (5 Minutes)
  - 7.1 EMCC Meeting Dates for 2014 (Attachment C)
8. OPEN COMMENTS (10 Minutes)
9. NEXT MEETING / ADJOURNMENT (1 Minute)  
January 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, October 2, 2013, 9:00 AM - 10:30 AM, Riverside County Regional Medical Center.** EMCC agendas with attachments are available online at [www.rivcoems.org](http://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.

EMCC Minutes  
July 17, 2013

TOPIC	DISCUSSION	ACTION
1. CALL TO ORDER		Chair Stan Grube commenced the meeting at 9:00 AM
2. ROUNDTABLE INTRODUCTIONS		Self-introductions were made.
3. APPROVAL OF MINUTES		Meeting minutes from the last EMCC meeting, April 3, 2013, were reviewed and accepted without any changes.
4. EMS AGENCY REPORT		
4.1 Ambulance ED Wait Times - Patrice Shepherd	Since April 1, 2013, when Policy 6101 went into effect, Ambulances ED wait times have been measured 30 minutes after the ambulance arrives at the emergency department. For 2013, ambulance wait times through May have been trending up and we expect August and September wait times to be higher than they were in 2012.	Information only.
4.2 EMS System Evaluation – Bruce Barton	The Abaris Group has been working on finalizing the “AS Is” report. A presentation on this report was given at the last EMS System Evaluation Steering Committee meeting and to the stakeholder groups on July 10 and 11. The Abaris Group will share feedback from the public and stakeholders to finalize the “AS Is” written report. They will also evaluate the transportation plan and provide options to the Board of Supervisors to consider changes to the transportation plan and whether to have a competitive bid for the ambulance service contract. Discussions on recommendations will start at the next steering committee meeting. Recommendations and options will be presented to the Board of Supervisors in March 2014. Meeting minutes and agendas are posted on our website at <a href="http://www.rivcoems.org">www.rivcoems.org</a> .	Information only.
5. OTHER REPORTS		
5.1 PMAC – Steve Patterson	PMAC met on June 24 and the following	Information only.

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July 17, 2013

	<p>was presented: progress on the 2014 protocols, Helicopter EMS (HEMS) Continuous Quality Improvement (CQI) data from 2012, STEMI program data review, ReddiNet upgrades, progress on Riverside County's stroke receiving center program and the EMS Core Measures Data collection project.</p> <p>Additionally, the CQI Technical Advisory Group (TAG) was tasked with developing plan to address EMS system wide data collection needs and a timeline for paperless integration with hospital systems.</p> <p>Jim Price was nominated for another term as PMAC's prehospital provider representative on EMCC.</p>	
<b>5.2 PHEPR Branch – Brian Tisdale</b>		No report given.
<b>6. UNFINISHED BUSINESS</b>		
<b>6.1 Resolution 2013-052 And Membership Term Dates – Brian MacGavin</b>	<p>The Board of Supervisors approved Resolution 2013-052 on April 23, 2013. Attachment C to the agenda provides the term date based on this Resolution. Brian MacGavin recommended that EMCC make a request for air ambulances providers to nominate a representative on the EMCC.</p> <p>In order to avoid confusion regarding voting privileges Stan Grube requested the term "Ex-Officio" be removed from the term dates document.</p>	REMSA will write a letter to all eligible air ambulance providers requesting they nominate a representative.
<b>6.2 Draft EMS Plan Update – Brian MacGavin</b>	A link to the draft EMS Plan update was sent to the EMCC membership on July 2, 2013. Brian MacGavin requested that EMCC approve of a 30-day written comment period from July 17 to August 17, 2013.	The 2013 draft EMS Plan update was approved for a 30-day written comment period.
<b>6.3 Trauma Plan Update – Cindi Stoll</b>	The Trauma Plan was reviewed at the last EMCC meeting on July 17, 2013 and sent to the State for approval. A reciprocity letter needs to be sent to	Information only

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	Inland Counties Emergency Services Agency (ICEMA) since Riverside and San Bernardino Counties send trauma patients across county boundaries.	
<b>6.4 Annual EMCC Board of Supervisors Report – Blake Goetz</b>	<p>At the last EMCC an ad hoc subcommittee was formed to draft the annual report to the Board of Supervisors. We worked on a draft that Brian MacGavin composed for us. We recommend taking the strikes out and present to the EMCC for a two week review period.</p> <p>Bruce Barton stated he will be modifying the language discussing the Transportation Plan. Additional comments can be sent to Brian MacGavin for ad hoc subcommittee review, EMCC approval and submission to the Board of Supervisors.</p> <p>Brian MacGavin reminds the committee that we are reporting on data and activities from the previous year (2012).</p> <p>Bruce suggested drafting the annual report in December so a draft report can be submitted to the first EMCC meeting of the year so it can be completed within the first quarter of the year.</p> <p>Stan Grube stated that once the subcommittee has been able to approve of the changes the draft report be submitted to a two-week comment period followed by EMCC approval for submission to the Board of Supervisors.</p>	EMCC will hold an electronic vote for approval to submit the report to the Board of Supervisor. Votes will be collected by REMSA.
<b>7. NEW BUSINESS</b>		
<b>7.1 Proposed EMCC 2014 Meeting Dates –</b>	The July 2, 2014 EMCC meeting date has been changed to the July 9, 2014.	REMSA will check on the room availability for July 9, 2014.
<b>8. OPEN COMMENTS -</b>	Robert Fish announced that Riverside County Fire Department is currently receiving Request for Proposals (RFP)	Information only.

EMCC Minutes  
July 17, 2013

	<p>for a Medical Director. More information can be obtained from Riverside County's website at: <a href="http://www.riversidecounty.org">www.riversidecounty.org</a>.</p> <p>Jim price introduced Doug Key, AMR Riverside County General Manager.</p> <p>Phil Rawlings announced Riverside County Fire Department's Emergency Medical Dispatch (EMD) program is doing well and is in line with accredited status. Riverside County Fire Department is current working on upgrading 14 more monitors with 12-Lead transmission capabilities. This will bring Riverside County Fire Department to 80 percent capacity. There are still Communications issues in the Mountain Plateau area the Public Safety Enterprise Communications (PSEC) project should resolve them.</p> <p>Randy Bynder introduced himself as the Coachella Valley Association of Governments (CVAG) representative on EMCC.</p> <p>Stan Grube thanked Blake Goetz and the Ad Hoc Committee for their work.</p> <p>Beth Gardner representing Hemet Valley Medical Center stated they would like to re-instate their base hospital status and believes it is unfair to delay the decision until March 2014.</p> <p>Andy Takata, Banning City Manager introduced himself as Western Riverside County Council of Governments (WRCOG) representative on EMCC.</p> <p>Rob Roy stated this was his first meeting. He asked to about forming a</p>	<p>Information only.</p> <p>Information only.</p> <p>Information only.</p> <p>Information only.</p> <p>Information only.</p> <p>Information only.</p> <p>Information only.</p> <p>Rob Roy, Jim Price, Kent McCurdy, Phil Rawlings</p>
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EMCC Minutes  
July 17, 2013

	<p>subcommittee to review a plan mandating AEDs in new construction. Bruce Barton and Phil Rawlings expressed the need for improved coordination regarding community education for CPR and AEDs; this is an activity that EMCC can spearhead. Robert Fish recommended that someone from a STEMI receiving center be on this subcommittee. Steve Patterson said he would bring this subject up at the STEMI meeting for feedback and support.</p> <p>Bruce Barton announced there will be a STEMI Receiving Center site review on August 15 at Loma Linda University Medical Center-Murrieta. If approved they will be the first STEMI Receiving Center in the South West Riverside County. Dr. Ochoa will be making the decision for the final approval.</p> <p>Dr. Ochoa announced that he has been serving as the EMS Agency Medical Director since 1992. He thanked EMCC members and Dr. Patterson for his participation on EMS committees.</p>	<p>and Peter Hubbard volunteered to be on the newly formed subcommittee to address CPR and AED recommendations. James Lee will serve as a technical advisor from REMSA.</p> <p>Information only.</p> <p>Information only.</p>
<p><b>9. NEXT MEETING / ADJOURNMENT –</b></p>	<p>The EMCC meeting was adjourned by Chair Stan Grube.</p> <p>Next EMCC meeting is October 2, 2013.</p>	



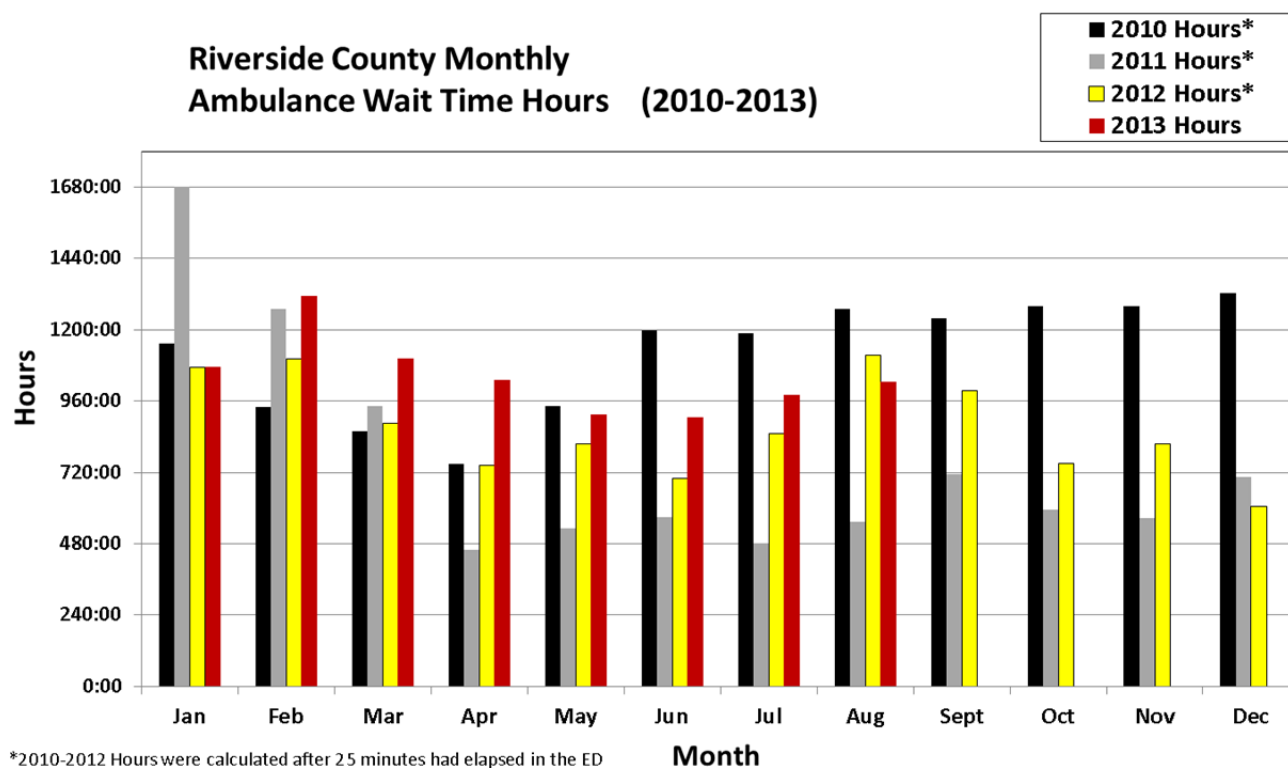
# AMBULANCE ED WAIT TIME DATA

September 18, 2013



## RIVERSIDE COUNTY AMBULANCE ED WAIT TIME HISTORICAL COMPARISON

Data provided illustrates total ambulance ED wait time (hh:mm) by month for 2010-2013 by hospitals within Riverside County. To qualify for this chart, the duration of the "Bed Delay" (BD) occurrence must be greater than 30 minutes (2013 and forward) and only the time period after the first 30 minutes is summed. 2010-2012 Wait time data used a 25-minute standard.



### Total Hours\* and BD occurrences by hospital, 2010 to 2013 (Aug.)

Hospital	2010		2011		2012		2013 (Jan.-Aug.)	
	Total Hours*	Bed Delay Occurrence	Total Hours*	Bed Delay Occurrence	Total Hours*	Bed Delay Occurrence	Total Hours*	Bed Delay Occurrence
RCH	4492:02:14	8936	1571:42:46	3352	2198:41:11	3953	1939:59:58	4108
Kaiser	228:13:15	779	173:06:25	559	151:16:22	472	147:26:01	355
Parkview	1408:19:41	2616	1371:19:18	2435	1881:03:47	2833	799:37:06	1352
RCRMC	459:22:28	1390	545:44:19	1535	892:20:22	2276	740:11:34	1619
Corona	1649:46:36	2634	1539:56:42	2550	1694:56:09	2803	1178:19:30	1647
Moreno Valley	258:15:33	924	285:04:10	824	268:19:32	809	237:49:40	536
Menifee	621:54:58	1542	568:04:22	1210	322:28:21	791	493:26:59	784
LLUMC- Murrieta	NA	NA	61:57:57	179	265:40:04	675	552:04:25	899
Inland Valley	1772:47:13	3763	879:15:32	1671	949:05:59	2134	453:06:01	920
Rancho Springs	1253:45:23	2908	577:15:19	1209	136:57:10	417	105:28:27	237
Hemet	939:40:28	2912	1060:21:22	2980	1081:16:55	2720	1442:19:26	2471
San Geronio	145:19:45	447	215:17:12	568	222:07:47	595	107:23:08	243
Eisenhower	23:06:49	114	33:56:41	171	64:56:15	320	45:37:57	178
Desert	102:38:56	412	122:26:14	562	233:06:47	788	55:59:57	279
JFK	63:07:19	310	65:48:08	296	81:16:43	337	48:04:40	194
<b>Totals</b>	<b>13,418:20:38</b>	<b>29,687</b>	<b>9,071:16:27</b>	<b>20,101</b>	<b>10,443:33:24</b>	<b>21,923</b>	<b>8346:54:49</b>	<b>15,822</b>

\*Total Hours do not include the first 25 minutes of each "Bed Delay" Occurrence (2010-2012), or the first 30 minutes (2013-)

## BD OCCURRENCES AND OVERALL COMPLIANCE

This data includes 2012 and 2013 BD occurrences, hours of bed delay, total time the ambulances and patients are delayed, ALS transports received by each hospital, compliance, and average delays per occurrence. "BD 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. Data prior to 2013 was analyzed against a 25-minute standard, thus "Total Delay Time" includes 25 minutes for 2012 data. "Compliance" represents the percentage of ALS ambulance transports that were not held on Bed Delay.

### Ambulance ED Wait Time Data, 2013 (Jan. – Aug.)

Hospital	BD Hours	Total Delay Time*	Total ALS Transports	Bed Delay (BD) Occurrence	Compliance%**	Avg Delay/ BD Occurrence*
RCH	1939:59:58	3993:59:58	13022	4108	68%	0:58:20
Kaiser	147:26:01	324:56:01	3776	355	91%	0:54:55
Parkview	799:37:06	1475:37:06	4520	1352	70%	1:05:29
RCRMC	740:11:34	1549:41:34	9551	1619	83%	0:57:26
Corona	1178:19:30	2001:49:30	4689	1647	65%	1:12:56
Moreno Valley	237:49:40	505:49:40	2034	536	74%	0:56:37
Menifee	493:26:59	885:26:59	3196	784	75%	1:07:46
LLUMC –Murrieta	552:04:25	1001:34:25	3275	899	73%	1:06:51
Inland Valley	453:06:01	913:06:01	6321	920	85%	0:59:33
Rancho Springs	105:28:27	223:58:27	4909	237	95%	0:56:42
Hemet	1442:19:26	2677:49:26	10629	2471	77%	1:05:01
San Gorgonio	107:23:08	228:53:08	4220	243	94%	0:56:31
Eisenhower	45:37:57	134:37:57	3476	178	95%	0:45:23
Desert	55:59:57	195:29:57	7655	279	96%	0:42:03
JFK	48:04:40	145:04:40	2479	194	92%	0:44:52
<b>Totals</b>	<b>8,346:54:49</b>	<b>16,257:54:49</b>	<b>83,752</b>	<b>15,822</b>	<b>81%</b>	<b>1:01:39</b>

\* Includes the first 30 minutes of each "Bed Delay" occurrence.

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

### Ambulance ED Wait Time Data, 2012

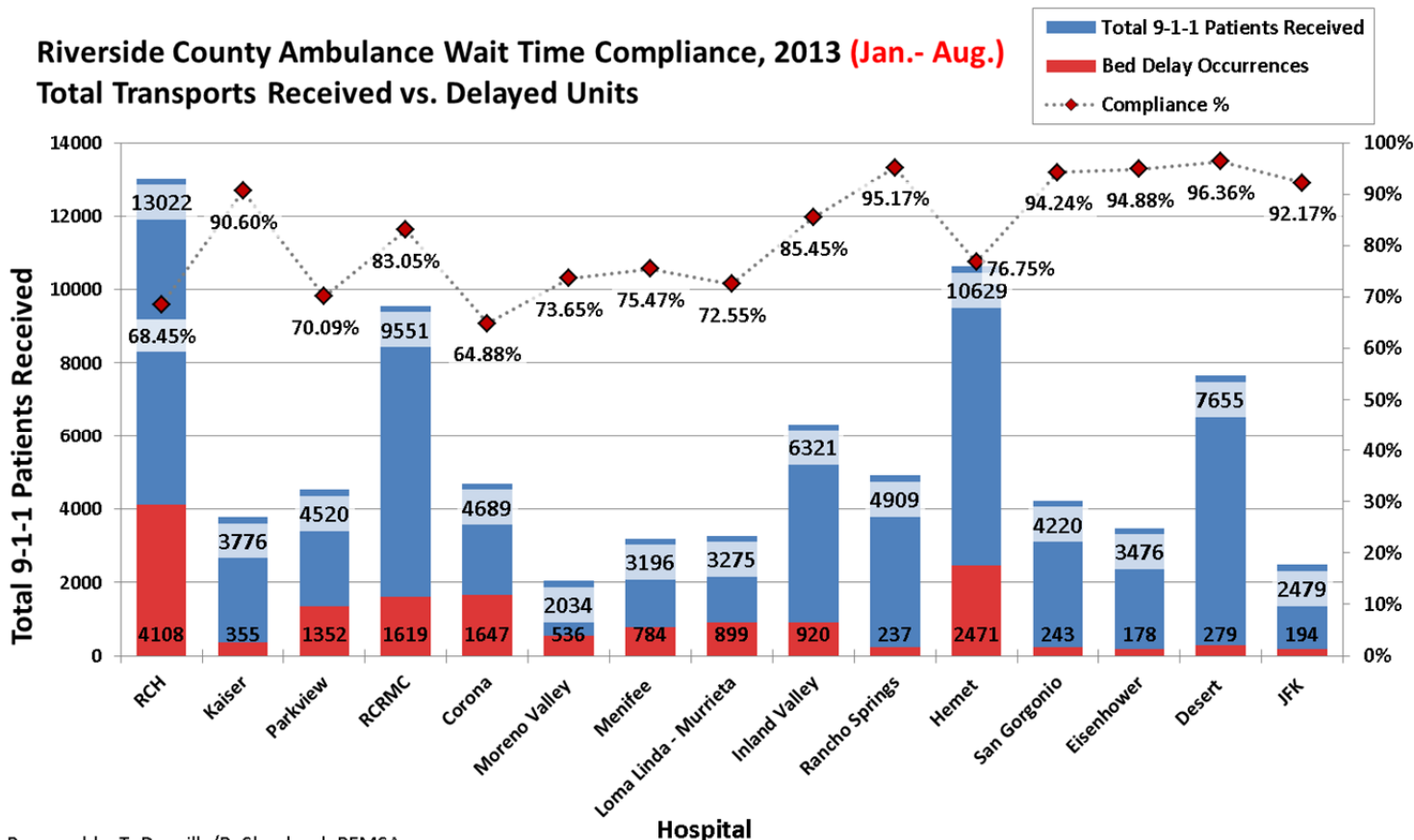
Hospital	BD Hours	Total Delay Time*	Total ALS Transports	Bed Delay (BD) Occurrence	Compliance%**	Avg Delay/ BD Occurrence*
RCH	2198:41:11	3845:46:11	18455	3953	79%	0:58:22
Kaiser	151:16:22	347:56:22	5577	472	92%	0:44:14
Parkview	1881:03:47	3061:28:47	6463	2833	56%	1:04:50
RCRMC	892:20:22	1840:40:22	13706	2276	83%	0:48:31
Corona	1694:56:09	2862:51:09	7117	2803	61%	1:01:17
Moreno Valley	268:19:32	605:24:32	2958	809	73%	0:44:54
Menifee	322:28:21	652:03:21	4846	791	84%	0:49:28
LLUMC –Murrieta	265:40:04	546:55:04	3906	675	83%	0:48:37
Inland Valley	949:05:59	1838:15:59	9316	2134	77%	0:51:41
Rancho Springs	136:57:10	310:42:10	7577	417	94%	0:44:42
Hemet	1081:16:55	2214:36:55	15080	2720	82%	0:48:51
San Gorgonio	222:07:47	470:02:47	6094	595	90%	0:47:24
Eisenhower	64:56:15	198:16:15	4753	320	93%	0:37:11
Desert	233:06:47	561:26:47	10787	788	93%	0:42:45
JFK	81:16:43	221:41:43	3534	337	90%	0:39:28
<b>Totals</b>	<b>10,443:33:24</b>	<b>19,578:08:24</b>	<b>120,169</b>	<b>21,923</b>	<b>82%</b>	<b>0:53:35</b>

\* Includes the first 25 minutes of each "Bed Delay" occurrence.

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

### Riverside County Ambulance Wait Time Compliance, 2013 (Jan.- Aug.)

#### Total Transports Received vs. Delayed Units



Prepared by T. Douville/P. Shepherd, REMSA

#### Ambulance ED Wait Time, Monthly Bed Delay Time and Occurrences by hospital\* -

June 2013 – August 2013

Hospital	June '13 Wait Time	June '13 Bed Delays	July '13 Wait Time	July '13 Bed Delays	Aug. '13 Wait Time	Aug. '13 Bed Delays
RCH	193:40:09	466	264:18:16	538	225:31:54	495
Kaiser	10:49:55	27	12:14:34	38	13:01:07	36
Parkview	86:15:18	159	76:17:15	151	74:16:13	141
RCRMC	94:03:38	202	85:49:35	185	104:20:56	220
Corona	167:49:42	232	161:51:50	245	132:28:42	204
Moreno Valley	25:46:19	68	26:05:09	62	26:21:13	69
Menifee	44:31:54	81	50:37:46	97	61:47:53	96
LLUMC –Murrieta	59:25:45	86	49:57:19	97	98:14:23	124
Inland Valley	55:58:32	107	25:53:43	65	50:05:25	110
Rancho Springs	17:18:25	34	20:32:48	31	13:46:51	36
Hemet	128:37:03	234	187:57:31	341	211:21:15	380
San Gorgonio	5:53:34	16	11:08:22	24	4:19:52	13
Eisenhower	2:19:57	9	0:49:52	5	4:24:49	13
Desert	7:20:04	25	3:45:21	18	1:49:25	10
JFK	4:14:50	16	3:01:58	15	3:16:58	17
<b>Totals</b>	<b>904:05:05</b>	<b>1,762</b>	<b>980:21:19</b>	<b>1,912</b>	<b>1,025:06:56</b>	<b>1,964</b>

\*Monthly bed delay time does not include the first 30 (in 2013) or 25 (in 2012) minutes of each "Bed 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.



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## 2014 EMCC Meeting Dates

Wednesday, January 15, 2014      9:00 AM – 11:00 AM

Wednesday, April 2, 2014      9:00 AM – 11:00 AM

Wednesday, July 16, 2014      9:00 AM – 11:00 AM

Wednesday, October 1, 2014      9:00 AM – 11:00 AM

Riverside County Regional Medical Center  
26520 Cactus Avenue, Moreno Valley  
Rooms A1017 & A1019

