PREHOSPITAL MEDICAL ADVISORY COMMITTEE MEETING AGENDA (PMAC)

PMAC MEMBERS PER POLICY 8202:

Air Transport Provider Representative
11-Kent McCurdy

American Medical Response
5-Douglas Key

BLS Ambulance Service Representative
12-Vacant

Cathedral City Fire Department
5-Robert Williams

Corona Regional Medical Center
1-James Rhee, MD
4-Sharon Salle

County Fire Chiefs' Non-Transport ALS Provide
10-Vacant

County Fire Chiefs' Non-Transport BLS Provide
9-Phil Rawlings (Vice Chair)

Desert Regional Medical Center
1-Joel Stillings, D.O
4-Kristie Borba

Eisenhower Medical Center
1-Frank Domzalski, MD
4-Tasha Anderson

EMT / EMT-P Training Programs
6-Maggie Robles

EMT-at-Large
13 David Olivas

Paramedic-at-Large
14-Paul Duenas

Hemet Valley Medical Center
1-Todd Hanna, MD
4-Victoria Moor

Idyllwild Fire Protection District
5-Patrick Reitz

Inland Valley Regional Medical Center
1-Reza Vaezazizi, MD
4-Daniel Sitar

JFK Memorial Hospital
1-Troy Cashatt, MD
4- Andy Billings

Kaiser Permanente Riverside
1-Jonathan Dyreyes, MD
4-Carol Fuste

The Next Meeting of PMAC is on:
Monday, October 24, 2016
9:00 AM to 11:00 AM
The Towers of Riverwalk
4210 Riverwalk Parkway, Riverside
First Floor Conference Rooms

1. **CALL TO ORDER & HOUSEKEEPING (3 Minutes)**
   Brian MacGavin (Sergeant-at-Arms)

2. **PLEDGE OF ALLEGIANCE (1 Minute)**
   Brian MacGavin

3. **ROUNDTABLE INTRODUCTIONS (5 Minutes)**
   Phil Rawlings (Vice Chair)

4. **APPROVAL OF MINUTES (3 Minutes)**
   July 25, 2016 Minutes— Phil Rawlings (Attachment A)

5. **NOMINATIONS / ELECTIONS (Attachment B) (15 Minutes)**
   5.1. Chairperson Nominations / Elections—Brian MacGavin
   5.2. Vice Chairperson Nominations / Elections—Brian MacGavin
   5.3. EMT-at-large Nominations / Elections—Brian MacGavin
   5.4. Paramedic-at-large Nominations / Elections—Brian MacGavin
   5.5. Prehospital Provider Rep. to EMCC Nominations / Elections—Brian MacGavin

6. **DISCUSSION ITEMS, UNFINISHED & NEW BUSINESS (60 Minutes)**
   6.1. REMSA Medical Director Position—Bruce Barton
   6.2. MCI Workgroup—Bruce Barton
   6.2. Policy Changes / Updates—Misty Plumley (Attachment C)

7. **REPORTS**
   The following items are for receive and file unless a member of PMAC has a question or needs clarification:
   7.1. Training / Education—Misty Plumley (Attachment D)
   7.2. Trauma System—Shanna Kissel (Attachment E)
   7.3. Stroke System—Laura Wallin (Attachment F)
   7.4. STEMI System—Laura Wallin (Attachment G)
   7.5. ImageTrend Elite—Trevor Douville (Attachment H)
   7.6. APOD—Misty Heyden (Attachment I)

***Members are requested to please sit at the table with name plates in order to identify members for an accurate count of votes

Please come prepared to discuss the agenda items. If you have any questions or comments, call or email Brian MacGavin at (951) 358-5029 / bmacgavin@rivcocha.org. PMAC Agendas with attachments are available at: www.rivcoems.org. Meeting minutes are audio recorded to facilitate dictation for minutes.

8. ANNOUNCEMENTS (10 Minutes)

This is the time/place in which committee members and non-committee members can speak on items not on the agenda but within the purview of PMAC. Each announcement should be limited to two minutes unless extended by the PMAC Chairperson.

9. NEXT MEETING / ADJOURNMENT (1 Minute)

January 23, 2017—4210 Riverwalk Parkway First Floor Conference Rooms

Purpose of Discussion and Ground Rules:

Purpose: For EMS participants to articulate personal knowledge and experience while developing discussion skills

The Sergeant-at-Arms will display a yellow colored sign visible to the speaker indicating a two minute warning and a red colored sign indicates the speaker needs to stop talking. The Sergeant-at-Arms may have to remind participants of the ground rules.

All participants should ensure the following ground rules are observed:

1) Observation of time limits
2) Provide positive feedback and avoid criticisms or offering unsolicited advice
3) Avoid interruptions and allow everyone an opportunity to speak.
4) Avoid side conversations or multiple people speaking at the same time
5) Allow the chairperson or facilitator to coordinate the flow of discussion
6) Claims to supporting information, e.g., books, articles, etcetera must be available for review before the meeting

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July 25, 2016

TOPIC	PRESENTATION / DISCUSSION	PMAC ACTION
1. CALL TO ORDER	Brian MacGavin commenced the meeting at 9:00 AM and went over housekeeping items.	
2. PLEDGE OF ALLEGIANCE	Brian MacGavin led PMAC in the Pledge of Allegiance.	
3. ROUNDTABLE INTRODUCTIONS	Self-introductions were conducted by Phil Rawlings	
4. APPROVAL OF MINUTES		April 25, 2016 PMAC meeting minutes were approved as amended with the spelling of Shellee Fetter's name was corrected.
5. Vacant Positions		
5.1 Chairperson Nominations **Phil Rawlings**	There was discussion regarding the vacant PMAC chairperson position. Dr. Vaezazizi does not want to fill this position and Brian MacGavin recommended the chairperson not be affiliated with REMSA.	A motion was passed that the Vice-chair, Phil Rawlings, remain the interim chairperson until a new chairperson is elected.
5.2 Other vacant positions **Brian MacGavin**	EMT-at-large, paramedic-at-large, chair and vice-chair positions are open for nominations; elections will be held at the October 24, 2016 PMAC meeting. Other vacant positions are: • BLS Ambulance Service Representative • County Fire Chiefs' Non-Transport ALS Provider • Riverside County Police Association There was further discussion on the functions of EMCC and PMAC and how they relate to determining membership for PMAC.	A motion was approved to establish an ad hoc committee to obtain nominations to fill vacancies on PMAC. Brian MacGavin will contact PMAC members for assistance in this process.
6. Discussion Topics		
6.1 New Business **MCI Policy-Phil Rawlings**	From Riverside County Fire Department's prospective data has reviled that REMSA's MCI Policy from 2012 has not been updated to meet system demands. There was further discussion and concerns regarding the MCI policy / MCI trainings and patients being transported to appropriate destinations.	REMSA will receive recommendations from CQILT and bring them back to the October 24th PMAC meeting.
6.2 Policy Changes/Updates **Misty Plumley-Attachment B**	REMSA Policy and Protocol Manual updates: 2101 (Emergency Medical Dispatch), 4102 (Universal Patent Treatment Protocol), 4103 (Calculation Chart), 4406 (Cardiac Arrest Treatment Protocol), 5501 (Interfacility Transfer), 7101 (CQI System) and 7102 (Incident Review Process) changes will be effective starting April 1, 2017. REMSA policies	Provide feedback to REMSA.

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July 25, 2016

	5401 (STEMI Receiving Centers) and 7703 (Data Security) changes will be effective starting September 1, 2016, following the 30-day comment period. There were discussions on including Epinephrine 1:10,000 IV in REMSA Policy 4601 as a base hospital order for anaphylaxis and Epinephrine 1:1,000 IM / Sub-Q. The Regional APOD Task Force is currently reviewing a policy for addressing APODs. This policy will be going out for stakeholder comment soon. There was a question and further discussion on what this policy will do for redirects under the announcements section of the agenda.	Information only.
7. REPORTS		
7.1 Training / Education—Attachment C Misty Plumley	California's Right-to-Die law has changed, and a physician assisted suicide may affect how EMS providers render care and interact with patient's family. The Do Not Resuscitate Policy will be updated to include the End of Life Option Act. Changes will be added by the October 24, 2016 PMAC meeting for dissemination.	Information only.
7.2 Trauma System—Attachment D Shanna Kissel	So far ninety five patients have received appropriate TXA administration. Ten patients received TXA but did not meet inclusion criteria (fallouts).	Information only.
7.3 CQILT—Attachment E Lisa Madrid	CQI indicators to be added are: PED-1, PED 2, Trauma 1 (transports directly to trauma centers) and Trauma 2 (on scene times).	Information only.
7.4 Stroke System—Attachment F Laura Wallin	REMSA has been working with Public Health Epidemiology on providing a map that shows clusters of stroke patients; all areas are well covered except the Hemet area. Attachment F states 13.3 percent of stroke patients received tPA. However, upon further review by the epidemiologist tPA was actually giving 28.8 percent of the time.	Information only.
7.5 STEMI System—Attachment G Laura Wallin	Attachment G of the PMAC July 25, 2016 agenda contained information on STEMI System. No further information was provided.	Information only.
7.6 Image Trend Elite-Attachment H Trevor Douville	Corona Fire Department is currently successfully entering data into the ePCR system. There are 10:30 AM Monday morning conference calls to address the implementation of ImageTrend Elite for all Riverside County EMS providers. Information needed for these conference calls is included in attachment H to the agenda.	Information only.

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7.7 APOD—Attachment I **Misty Heyden**	APODs has leveled off which is expected for this time of year. Compared to last year compliance has increased slightly (7.9 percent). The number of transports has gone up and the number of APOD incidents has gone down from last year (18 percent).	Information only.
8. ANNOUNCEMENTS	Sabrina Yamashiro placed a flyer on the sign-in table announcing a stroke lecture to be held at Riverside Community Hospital. Shanna Kissel announced the recently published 2015 Riverside County Trauma Report and the HEMS face-to-face meeting today at 1:00 PM. Phil Rawlings announced that CAL FIRE / Riverside County Fire Department have thirty two paramedics in four to five weeks of training and at the end of August another thirty paramedics will start training. Also, there are twenty-five fire engines currently out of County fire assignments throughout the State. Catherine Prophet from ZOLL stated anyone going to ImageTrend Elite can have no charge access to ZOLL's cloud for the X-Series defibrillator/monitor. Notify her if interested.	Information only.
9. NEXT MEETING / **ADJORNMENT**	October 24, 2016 at 4210 Riverwalk Parkway in the first floor conference rooms.	Information only.

FOR CONSIDERATION BY PMAC

DATE: October 11, 2016

TO: PMAC

FROM: Brian MacGavin, REMSA Assistant Director

SUBJECT: Nominations for PMAC: Chair, Vice-chair, Paramedic-at-Large, EMT-at Large and Prehospital provider EMCC representative

At the last PMAC meeting on July 25, 2016, and through subsequent emails, it was announced that nominations are being accepted for PMAC chair, vice-chair, paramedic-at-large, EMT-at-large and prehospital provider EMCC representative positions. Nominations will be accepted up to the time of elections at the October 24, 2016 PMAC meeting. As of today's date, the following are the nominations have been received by REMSA:

PMAC Chair nominations:
Zeke Foster, MD
ED Physician Rancho Springs

Vice-chair Nominations:
No nominations received prior to sending out the agenda

Paramedic-at-large Nominations:
Paul Duenas, Paramedic
Palm Springs Fire Department
            or
Sarah Merten, Paramedic
American Medical Response

EMT-at-large Nominations:
David Olivas, EMT
Riverside City Fire Department

Prehospital Provider EMCC Representative Nominations:
Kristen Clements, EMS Coordinator
Riverside City Fire Department

ACTION: At the October 24, 2016 PMAC meeting the membership should be prepared to elect one of the above candidates or any other interested qualified candidate for each open position. In order to facilitate an accurate count from the voting membership, each member will be required to hold up their name card during the counting of votes for each candidate.

DATE: October 11, 2016

TO: PMAC

FROM: Misty Plumley, EMS Specialist

SUBJECT: REMSA Policy Changes

At our July PMAC meeting changes were proposed for STEMI Receiving Centers (Policy 5401) and Data Security (Policy 7703). Those policies were drafted, reviewed and released for stakeholder comment. The aforementioned policies have been finalized and incorporated into our current 2016 policy manual.

Ambulance Patient Offload Delay (Policy 4204) was drafted and the associated definitions were added to Definitions (Policy 9101). These policies were sent out for written stakeholder comment that closed on September 27, 2016. The finalized policies can be accessed at the following link: http://remsa.us/documents/policies/2016APODPolicyfinal.pdf

Stakeholder review for changes were presented and discussed at the July 25, 2016 PMAC meeting for the following policies: Emergency Medical Dispatch (Policy 2101), Calculation Chart (Policy 4103), Universal Patient Protocol (Policy 4102) – specifically the spinal stabilization verbiage, 4406 Cardiac Arrest (Policy 4406), Allergies and/ or Anaphylaxis (Policy 4601), Interfacility Transfer (Policy 5501), and the CQI System (Policy 7101/7102). The proposed policy changes can be accessed at the following link: http://remsa.us/documents/policies/2017PandPChanges.pdf

ACTION: Review and discussion of policy changes and share information with constituents.

FOR CONSIDERATION BY PMAC

DATE: October 11, 2016

TO: PMAC

FROM: Misty Plumley, EMS Specialist

SUBJECT: Training/Education Update

REMSA will be focusing on the following trainings: ImageTrend Elite, End-of-Life Care, and 1st quarter 2017 – Protocol Updates.

ImageTrend Elite train-the-trainer trainings start in October. Please make ensure your organization's primary point of contact for ePCR implementation contacts me to setup a training date.

End-of-life care education will highlight the latest legislation surrounding California's Right-to-Die law and terminally ill patients.

Protocol Update Education will focus on:
-   Spinal stabilization
-   End-of-Life Care
-   MCI definition change, and associated implications for patient transport
-   Policy Changes/Modifications proposed: cardiac arrest, calculation chart, IFT

ACTION: Informational only, please share with your constituents.

FOR CONSIDERATION BY PMAC

DATE: October 11, 2016

TO: PMAC

FROM: Shanna Kissel, REMSA Trauma Nurse Coordinator

SUBJECT: Trauma System

1. TXA trial study to be extended for an additional 18 months with end date March 2018. To date, Riverside County has:

    - 113 appropriate administrations
    - 14 patients that met criteria but did not get TXA (missed)
    - 11 patients that received TXA, but did not meet inclusion criteria (fallouts)

2. REMSA policy 5301- Field triage, 5302- Critical Trauma Patient criteria have been sent out county wide to the non- trauma centers.

3. Riverside County Trauma centers will be going through their American College of Surgeons consults/ verifications beginning Quarter 2, 2017.

4. There is a regional Trauma System Advisory Committee (TSAC) prior to Trauma Audit Committee that is open for field providers and hospitals to attend. Please send any trauma items/ issues you would like to discuss at TSAC to shkissel@rivcocha.org to place items on the agenda.

5. CA Gov signed AB 2007 sports concussion safety bill into law September 23, 2017. AB 2007 provides sports concussion safety requirements for community based sports programs. The bill covers training for coaches, parent and player education, removal from and return to play protocols. This bill was sponsored by CA Athletic trainers association, sport concussion safety is one of the top 10 issues identified in unintentional injury prevention strategic plan.

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

FOR CONSIDERATION BY PMAC

Date: October 11, 2016

TO: PMAC

FROM: Laura Wallin, Specialty Program Coordinator

SUBJECT: Stroke System

Stroke diversion by hospital is being tracked by REMSA and reported at the Stroke System meetings.

REMSA will be meeting with all prehospital receiving centers in Riverside County to discuss the importance of collecting data from all hospitals, including data on all stroke patients. This will give us a more global picture of the stroke patients in Riverside County and how our system is serving them.

Five additional hospitals have received REMSA's stroke center designation:
- Arrowhead Regional Medical Center (San Bernardino County)
- Kaiser Ontario Medical Center (San Bernardino County)
- Loma Linda University Medical Center (San Bernardino County)
- Redlands Community Hospital (San Bernardino County)
- Loma Linda University Medical Center Murrieta (Riverside County)

Patients who meet stroke center triage criteria may be directed by a Riverside County base hospital to the closest REMSA designated stroke center, regardless of whether the closest designated Stroke center is in San Bernardino or in Riverside County.

The quarter 1 and 2 stroke data report will be available at the following link on November 16, 2016: http://remsa.us/documents/programs/stroke/StrokePlaceholder.pdf

If there are any questions, please contact Laura Wallin at (951) 358-5029.

Action: PMAC should be prepared to receive the information and provide feedback to the EMS Agency

FOR CONSIDERATION BY PMAC

Date: October 11, 2016

TO: PMAC

FROM: Laura Wallin, Specialty Program Coordinator

SUBJECT: STEMI System

REMSA will be meeting with all Prehospital Receiving Centers in Riverside County to discuss the importance of collecting data from all hospitals, including data on all STEMI patients. This will give us a more global picture of the STEMI patients in Riverside County and how our system is serving them.

Data collection for STEMIs will be expanding in 2017 to include all STEMI patients – EMS transported walk-ins, interfacility transfers, and inpatient STEMIs.

The quarter 1 and 2 STEMI System Report will be available at the following link on October 21, 2016: http://remsa.us/documents/programs/stemi/STEMIPlaceholder.pdf

If there are any questions, please contact Laura Wallin at (951) 358-5029.

ACTION: PMAC should be prepared to receive the information and provide feedback to the EMS Agency.

FOR CONSIDERATION BY PMAC

DATE: October 11, 2016

TO: PMAC

FROM: Trevor Douville, Senior EMS Specialist

SUBJECT: ImageTrend Elite – Migration

ImageTrend migration is ongoing. We have multiple agencies in the midst of billing integration and or CAD integration development. Train-the-Trainer sessions for Elite have been scheduled starting in October, and will be scheduled into November and December as needed. Beta testing has been initiated by Riverside City FD and Pechanga FD. Multiple agencies have scheduled their EMS personnel training dates beginning in October and continuing into early December. Our weekly EMS System Implementation conference calls occur on non-holiday Mondays, and highlight current progress of integrations and implementation.

ImageTrend Elite Train-the-Trainer dates:
- Riverside City FD EOC - 3085 St. Lawrence St. Riverside, CA.

Train-the-Trainer Dates:
- Wednesday   10/12 0930-1330
- Thursday   10/20 1400-1800
- Friday   10/21 0930-1330 and then 1400-1800
- Wednesday   10/19 0930-1330
- Tuesday   10/25 0930-1330
- Wednesday   10/26 0930-1330

Registering for each class is done by email - trainers can email Misty Plumley directly at Mplumley@rivcocha.org to sign up for their requested date/time.

ImageTrend Elite Technical Development and Implementation - CONFERENCE CALLS:

Every Monday, starting on 8/1/16   **10:30am – 11:30am**
Conference Phone Number: **(888) 780-8948**
Pass Code: **7608587**

FOR CONSIDERATION BY PMAC

DATE: October 11, 2016

TO: PMAC

FROM: Misty Heyden, REMSA

SUBJECT: Ambulance Patient Offload Delay (APOD) Report

The current Ambulance Patient Offload Delay Report contains data through the end of September 2016. "Apples-to-apples" comparison of year-to-date 2016 data to data of the same time frame in 2015 (i.e. January through September) is provided on pages 3 and 4 to illustrate where we are now as compared to the same time last year. Data by month for the last three months is available for each hospital on the last page of the report. As the report continues to be refined and improved, some graphs and data analysis methods may change.

ACTION: PMAC should be prepared to receive the information and provide feedback to the EMS Agency.

Attachment: APOD Report five pages following this cover page.

AMBULANCE PATIENT OFFLOAD DELAYS

October 11, 2016

Report covers data YTD through September 30, 2016.

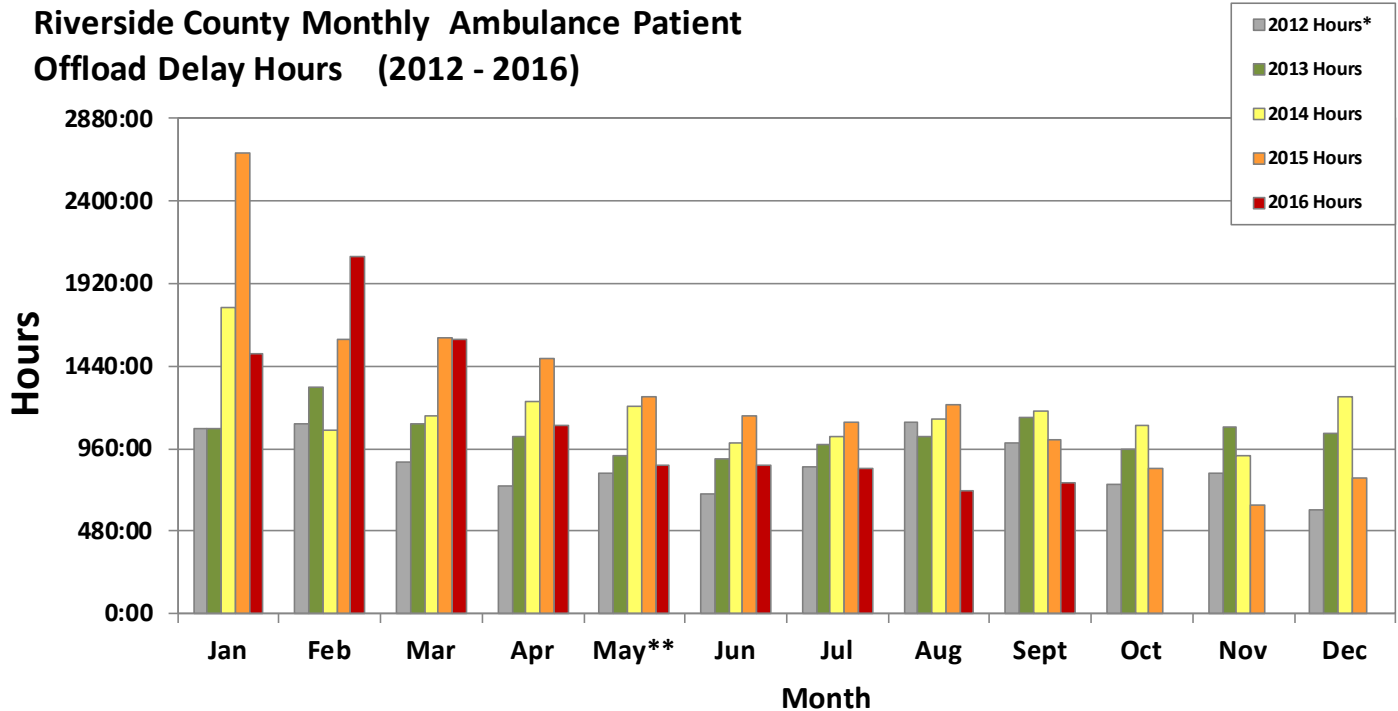# RIVERSIDE COUNTY AMBULANCE PATIENT OFFLOAD DELAYS

Historical Data

The data provided illustrates total ambulance patient offload delay time (hh:mm) by month for 2012 through the present month of 2016 from hospitals within Riverside County. To qualify for this chart, the duration of offload delay must be greater than 30 minutes (years 2013 and forward*), and only the time period after the first 30 minutes is summed.

*Prior to 2013, offload delay data used a 25-minute standard.

**For May of 2016, actual totals may have been slightly higher than are reported due to a 3-day CAD outage.

Riverside County Monthly Ambulance Patient Offload Delay Hours (2012 - 2016)

Legend:
- 2012 Hours*
- 2013 Hours
- 2014 Hours
- 2015 Hours
- 2016 Hours

Key: High   Low/Best

Total Annual Hours* and Ambulance Patient Offload Delays by hospital: 2012 to 2015

Hospital	2012		2013		2014		2015	
	Total Hours	Offload Delays	Total Hours	Offload Delays	Total Hours	Offload Delays	Total Hours	Offload Delays
RCH	2198:41:11	3953	2712:32:25	5978	2984:29:25	7488	2773:05:19	6613
Kaiser	151:16:22	472	196:02:59	496	201:38:58	748	338:51:33	1048
Parkview	1881:03:47	2833	1171:41:25	2037	1694:56:01	2887	1408:38:48	2361
RUHS (RCRMC)	892:20:22	2276	1107:06:11	2375	1007:19:37	2547	1051:28:27	2819
Corona	1694:56:09	2803	1717:47:56	2522	1845:33:25	2912	2652:21:07	3227
Moreno Valley	268:19:32	809	420:59:39	888	545:55:06	1259	451:34:23	1147
Menifee	322:28:21	791	725:38:26	1158	733:35:51	1383	824:27:25	1332
LLUMC- Murrieta	265:40:04	675	888:15:15	1411	963:34:24	1756	946:18:08	1732
Inland Valley	949:05:59	2134	643:33:09	1307	432:21:44	1112	714:29:18	1709
Rancho Springs	136:57:10	417	137:27:11	326	76:31:30	247	79:13:52	255
Temecula Valley	*Opened August 2013*		*10:07:03*	*28*	139:03:35	446	411:05:43	1090
Hemet	1081:16:55	2720	2535:17:35	4151	3112:04:15	5387	3153:42:33	5013
San Gorgonio	222:07:47	595	127:45:02	298	157:47:22	483	374:17:20	1072
Eisenhower	64:56:15	320	54:56:39	241	24:15:55	149	39:07:26	205
Desert	233:06:47	788	68:47:04	347	40:12:27	213	50:21:13	315
JFK	81:16:43	337	58:37:55	252	79:52:57	337	116:46:03	387
Totals	10443:33:24	21,923	12576:35:54	23,815	14039:12:32	29,354	15385:48:38	30,325

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

**Temecula Valley 2013 totals represented for a partial year.

AMBULANCE PATIENT OFFLOAD DELAYS AND COMPLIANCE COMPARISON

This data compares 2016 YTD to 2015 *YTD same period* (apples-to-apples) for: Ambulance Patient Offload Delays (APODs), hours of delay, total time the ambulances and patients were delayed, ALS transports received by each hospital, compliance, and average delay time 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.

Key: High   Low/Best

APOD Data, 2016 Year-to-Date: Transports and Occurrences - ALS Units Only

Hospital	Offload Delay Hours	Total Delay Time*	Total ALS Transports	Offload Delay Occurrences	Compliance%**	Avg Delay/ Occurrence*
RCH	1372:25:06	3082:55:06	14573	3421	76.5%	0:54:04
Kaiser	420:51:30	812:21:30	4701	783	83.3%	1:02:15
Parkview	1002:19:40	1731:49:40	4855	1459	69.9%	1:11:13
RUHS (RCRMC)	921:58:15	2032:28:15	11856	2221	81.3%	0:54:54
Corona	941:04:42	1588:04:42	5746	1294	77.5%	1:13:38
Moreno Valley	398:18:36	795:48:36	2908	795	72.7%	1:00:04
Menifee	394:23:47	729:53:47	3648	671	81.6%	1:05:16
LLUMC –Murrieta	853:13:03	1569:13:03	4391	1432	67.4%	1:05:45
Inland Valley	964:47:19	1717:47:19	7622	1506	80.2%	1:08:26
Rancho Springs	175:06:18	388:06:18	3916	426	89.1%	0:54:40
Temecula Valley	303:56:32	738:56:32	4356	870	80.0%	0:50:58
Hemet	1907:12:44	3748:12:44	11592	3682	68.2%	1:01:05
San Gorgonio	385:32:01	823:02:01	5482	875	84.0%	0:56:26
Eisenhower	17:23:15	74:23:15	3082	114	96.3%	0:39:09
Desert	189:40:13	534:40:13	8557	690	91.9%	0:46:30
JFK	78:05:36	203:05:36	2966	250	91.6%	0:48:45
Totals	**10326:18:37**	**20570:48:37**	**100,251**	**20,489**	**79.6%**	**1:00:14**

* 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).

2015 Year-to-Date Same Period Comparison (Apples-to-Apples)

Hospital	Offload Delay Hours	Total Delay Time*	Total ALS Transports	Offload Delay Occurrences	Compliance%**	Avg Delay/ Occurrence*
RCH	2440:50:19	5232:50:19	13437	5584	58.4%	0:56:14
Kaiser	292:23:06	732:23:06	4565	880	80.7%	0:49:56
Parkview	1294:34:59	2325:04:59	4656	2061	55.7%	1:07:41
RUHS (RCRMC)	835:48:02	1950:48:02	10583	2230	78.9%	0:52:29
Corona	2261:58:37	3589:58:37	5232	2656	49.2%	1:21:06
Moreno Valley	388:09:36	863:09:36	2639	950	64.0%	0:54:31
Menifee	736:06:20	1318:36:20	3545	1165	67.1%	1:07:55
LLUMC –Murrieta	769:46:10	1454:16:10	4341	1369	68.5%	1:03:44
Inland Valley	565:27:21	1229:27:21	7500	1328	82.3%	0:55:33
Rancho Springs	65:54:51	171:24:51	3452	211	93.9%	0:48:45
Temecula Valley	317:46:20	735:46:20	3651	836	77.1%	0:52:48
Hemet	2718:05:16	4753:35:16	10826	4071	62.4%	1:10:04
San Gorgonio	285:54:12	693:54:12	5234	816	84.4%	0:51:01
Eisenhower	28:27:46	108:27:46	3720	160	95.7%	0:40:40
Desert	39:52:12	161:22:12	7484	243	96.8%	0:39:51
JFK	82:19:46	229:19:46	2618	294	88.8%	0:46:48
Totals	**13123:24:53**	**25550:24:53**	**93,483**	**24,854**	**73.4%**	**1:01:41**

Apples-to-Apples grid provides comparison data for the same Year-to-Date period in 2015 as 2016 Year-to-Date.
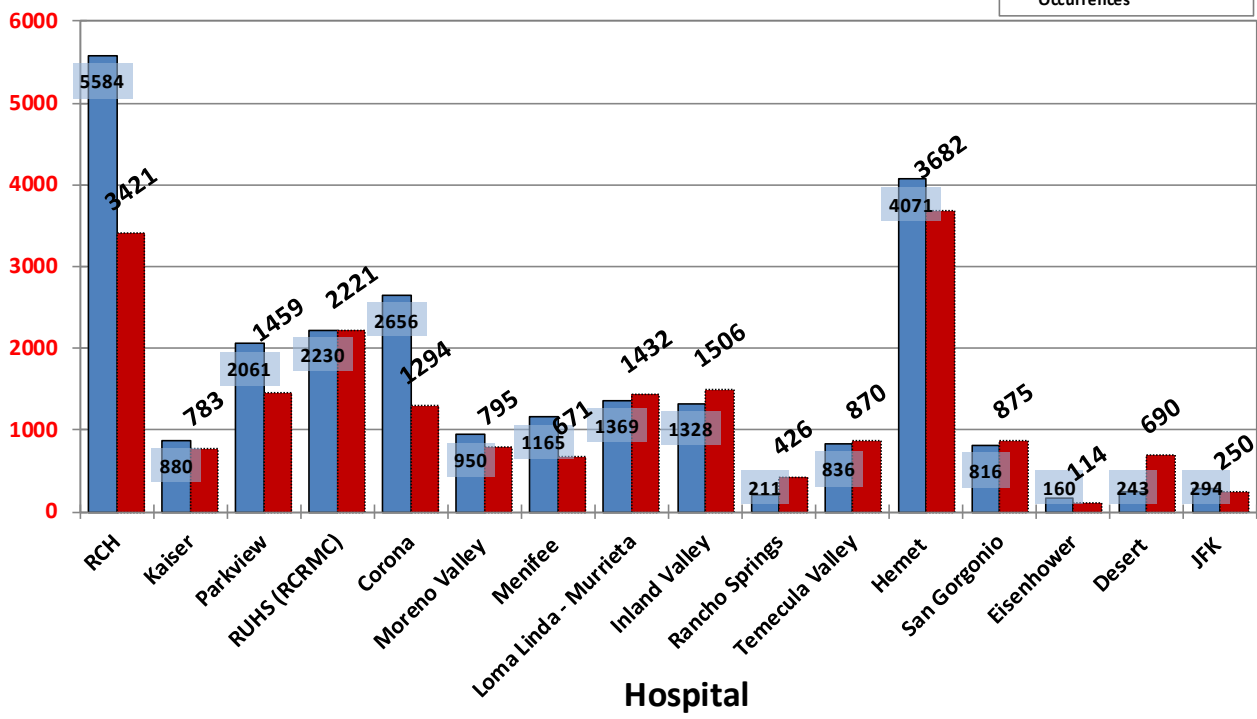* Includes the first 30 minutes of each Offload Delay.
** Compliance % represents the percentage of ALS Ambulance transports not on Offload Delay (data includes only 9-1-1 contractual provider).

Riverside County Ambulance Patient Offload Delays by Hospital Comparing 2016 YTD to 2015 YTD Same Period (Apples-to-Apples)
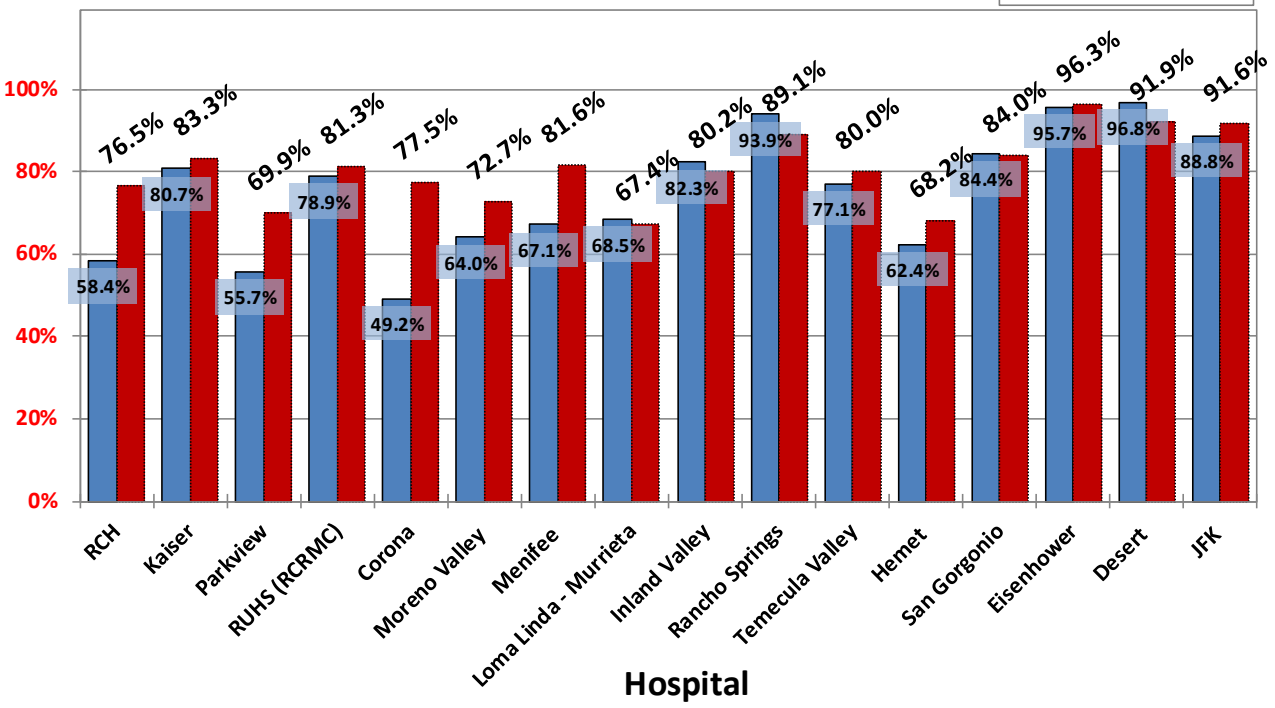
Legend: 2015 YTD Offload Delay Occurrences Same Period; 2016 YTD Offload Delay Occurrences

Hospital	2015	2016
RCH	5584	3421
Kaiser	880	783
Parkview	2061	1459
RUHS (RCRMC)	2230	2221
Corona	2656	1294
Moreno Valley	950	795
Menifee	1165	671
Loma Linda - Murrieta	1369	1432
Inland Valley	1328	1506
Rancho Springs	211	426
Temecula Valley	836	870
Hemet	4071	3682
San Gorgonio	816	875
Eisenhower	160	114
Desert	243	690
JFK	294	250

Riverside County Overall Compliance by Hospital Comparing 2016 YTD to 2015 YTD Same Period (Apples-to-Apples)

Legend: 2015 YTD Overall Compliance Same Period; 2016 YTD Overall Compliance

Hospital	2015	2016
RCH	58.4%	76.5%
Kaiser	80.7%	83.3%
Parkview	55.7%	69.9%
RUHS (RCRMC)	78.9%	81.3%
Corona	49.2%	77.5%
Moreno Valley	64.0%	72.7%
Menifee	67.1%	81.6%
Loma Linda - Murrieta	68.5%	67.4%
Inland Valley	82.3%	80.2%
Rancho Springs	93.9%	89.1%
Temecula Valley	77.1%	80.0%
Hemet	62.4%	68.2%
San Gorgonio	84.4%	84.0%
Eisenhower	95.7%	96.3%
Desert	96.8%	91.9%
JFK	88.8%	91.6%

2016 3-MONTH AMBULANCE PATIENT OFFLOAD DELAYS BY HOSPITAL

This data shows the last three months' Total Delay Hours, Total 9-1-1 Transports, and Total Ambulance Patient Offload Delays by hospital.

Key: **High** | Low/Best

Offload Delay Time* and Occurrences by hospital: July 2016 through September 2016

Hospital	Jul '16 Delay Hours	ALS 9-1-1 Trans.	Jul '16 Offload Delays	Aug '16 Delay Hours	ALS 9-1-1 Trans.	Aug '16** Offload Delays	Sep '16 Delay Hours	ALS 9-1-1 Trans.	Sep '16 Offload Delays
RCH	67:17:46	1657	245	88:57:37	1589	307	138:45:22	1618	394
Kaiser	16:59:03	464	43	18:12:53	551	50	19:36:21	564	68
Parkview	76:43:20	509	141	61:30:12	549	126	42:12:09	516	104
RUHS (RCRMC)	97:23:10	1373	242	98:20:23	1276	227	120:40:46	1317	286
Corona	80:25:03	703	134	72:28:20	705	137	53:31:14	636	118
Moreno Val.	21:36:12	262	48	26:59:23	320	69	21:25:24	298	57
Menifee	44:28:42	409	78	14:37:09	384	47	23:53:10	364	50
LLUMC –Murrieta	74:30:32	455	130	71:58:07	497	139	84:17:00	478	138
Inland Valley	109:44:53	833	153	61:54:20	804	123	57:08:30	833	112
Rancho Spgs.	10:56:25	449	34	8:05:10	402	23	16:27:06	401	48
Temecula Val.	48:20:19	500	123	32:28:46	500	100	34:57:07	497	101
Hemet	166:55:12	1330	384	119:01:48	1327	316	131:27:12	1336	318
San Gorgonio	14:04:14	603	52	19:55:21	569	57	8:08:17	625	38
Eisenhower	1:11:41	313	9	0:44:46	267	4	2:08:21	296	10
Desert	14:09:18	911	62	11:50:26	912	66	5:39:54	783	33
JFK	3:14:29	324	17	4:25:15	288	18	4:21:28	290	16
Totals	**848:00:19**	**11,095**	**3,225**	**711:29:56**	**10,940**	**1,809**	**764:39:21**	**10,852**	**1,891**

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

**For May of 2016, actual totals may have been slightly higher than are reported due to a 3-day CAD outage.

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 or BLS-level service.