

# Ambulance Patient Offload Time (APOT) Comparison of CEMSIS Data to LEMSA Submission

Reporting Period:

October 2021 – December 2021



Prepared for:

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## **APOT Comparison of CEMSIS Data to LEMSA Submissions:**

**Purpose:** Adhering to the APOT methodology guidance<sup>1</sup> and specifications<sup>2</sup> developed by the EMS Authority and stakeholders, EMSA has developed a comparison between LEMSA's in CEMSIS and their APOT submissions going back to July 2019. This mechanism will act as a tool for the LEMSA to identify reporting gaps related to elements used in reporting APOT information. This comparison can be used by the LEMSA as a tool to engage stakeholders and ensure appropriate representation in APOT. When the LEMSA determines their representation in CEMSIS is appropriate and/or complete, EMSA is willing to run their APOT reports, reducing staffing and reporting burdens placed on the LEMSA.

**Process:** EMSA will run APOT reports in CEMSIS, extract data, perform analysis and populate a monthly comparison for each reporting LEMSA. EMSA will determine and document the count of qualifying APOT records and the 90<sup>th</sup> percentile APOT time for all hospitals reported by the LEMSA. To do this, EMSA will remove any negative times (noting the count of negative times recorded for that month) and determine the 90<sup>th</sup> percentile APOT time. If a record count is outside a 5% variation from the count of records in CEMSIS, EMSA will change the row's text color **red**. EMSA will repeat this action for each additional APOT submission, update the LEMSA-specific CEMSIS comparison, and provide it to the LEMSA for review.

**CEMSIS Representation:** The final pages of this report provide detail on your LEMSA's EMS Providers and Facilities represented in CEMSIS for the reported quarter. This detail includes basic statistics based on CEMSIS data and identifies potential data/documentation issues such as missing CEMSIS IDs, negative offload times, zero second offload times, and offload times greater than five hours. This information is available in a spreadsheet by request.

**Feedback and Engagement:** It is the responsibility of the LEMSA to engage EMSA with any questions or issues they identify. EMSA will work with the LEMSA and any other EMS stakeholders to ensure they are appropriately represented in CEMSIS or to work through any data challenge. This comparison is considered a "living" report. Your input is crucial to enhancing this report not only for your LEMSA, but to all LEMSA participating in CEMSIS. EMSA hopes this report is of significant value to each LEMSA and all EMS stakeholders. For any questions or feedback, please contact [Adam.Davis@emsa.ca.gov](mailto:Adam.Davis@emsa.ca.gov) or email [APOT@emsa.ca.gov](mailto:APOT@emsa.ca.gov).

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<sup>1</sup> Ambulance Patient Offload Time (APOT) Standardized Methods for Data Collection and Reporting [https://emsa.ca.gov/wp-content/uploads/sites/71/2017/09/APOT-Methodology\\_Guidance-2016.pdf](https://emsa.ca.gov/wp-content/uploads/sites/71/2017/09/APOT-Methodology_Guidance-2016.pdf)

<sup>2</sup> APOT-1 Specifications: <https://emsa.ca.gov/wp-content/uploads/sites/71/2017/09/APOT-1.pdf>  
APOT-2 Specifications: <https://emsa.ca.gov/wp-content/uploads/sites/71/2017/09/APOT-2.pdf>

### CEMSIS Comparison for October 2021

North Coast		October -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	272	272	100.0%	0:11:02	0:11:02
IC	20174	Jerold Phelps Community Hospital	31	31	100.0%	0:01:00	0:01:00
IC	20264	Mad River Community Hospital	193	193	100.0%	0:02:00	0:02:00
IC	20367	Redwood Memorial Hospital	137	137	100.0%	0:03:00	0:03:00
IC	20454	Saint Joseph Hospital, Eureka	729	732	99.6%	0:05:00	0:05:00
IC	20472	Sutter Coastal Hospital	125	124	100.8%	0:02:00	0:02:00
IC	20476	Sutter Lakeside Hospital	136	136	100.0%	0:06:26	0:06:36
		<b>Grand Total</b>	<b>1623</b>	<b>1625</b>	<b>100%</b>		
		"0 Negative times found in CEMIS"					
		Report Run Date: February 9, 2022					
		LEMSA Submission Date: January 7, 2022					

### CEMSIS Comparison for November 2021

North Coast		November -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	249	249	100.0%	0:11:08	0:11:20
IC	20174	Jerold Phelps Community Hospital	29	29	100.0%	0:05:00	0:05:00
IC	20264	Mad River Community Hospital	160	160	100.0%	0:03:00	0:03:00
IC	20367	Redwood Memorial Hospital	144	144	100.0%	0:04:00	0:04:00
IC	20454	Saint Joseph Hospital, Eureka	684	686	99.7%	0:05:00	0:05:00
IC	20472	Sutter Coastal Hospital	95	130	73.1%	0:02:00	0:02:00
IC	20476	Sutter Lakeside Hospital	134	131	102.3%	0:11:53	0:11:36
<b>Grand Total</b>			<b>1495</b>	<b>1529</b>	<b>98%</b>		
		"1 Negative times found in CEMIS"					
		Report Run Date: February 9, 2022					
		LEMSA Submission Date: January 7, 2022					

### CEMSIS Comparison for December 2021

North Coast		December -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	244	243	100.4%	0:10:36	0:10:37
IC	20174	Jerold Phelps Community Hospital	17	17	100.0%	0:04:00	0:04:00
IC	20264	Mad River Community Hospital	193	192	100.5%	0:03:00	0:03:00
IC	20367	Redwood Memorial Hospital	149	149	100.0%	0:05:00	0:05:00
IC	20454	Saint Joseph Hospital, Eureka	647	647	100.0%	0:07:00	0:07:00
IC	20472	Sutter Coastal Hospital	73	145	50.3%	0:02:15	0:02:00
IC	20476	Sutter Lakeside Hospital	173	173	100.0%	0:08:00	0:08:00
<b>Grand Total</b>			<b>1496</b>	<b>1566</b>	<b>96%</b>		
"3 Negative times found in CEMIS"							
Report Run Date: February 9, 2022							
LEMSA Submission Date: January 7, 2022							

### Provider Representation in CEMSI (Q4 2021)

Provider Name	<20 Minute Offload	20-60 Minute Offload	60-120 Minute Offload	120-180 Minute Offload	>180 Minute Offload	CEMSIS ID field Blank, Not Reported, or Not Recorded	Negative Offload Time	Zero Second Offload	<1 Minute Offload	>5 Hour Offload	Quarterly Average Offload	Quarterly Median Offload	Quarterly 90th Percentile Offload
Arcata-Mad River Ambulance	666	2	1	0	0	4	0	394	394	0	0:01:10	0:00:00	0:03:00
City Ambulance	2259	8	2	0	0	0	0	239	239	0	0:02:50	0:02:00	0:06:00
Del Norte Ambulance	292	1	0	0	0	0	4	116	117	0	0:01:23	0:01:04	0:02:00
Hoopla Ambulance	189	1	0	0	0	0	0	91	92	0	0:01:58	0:01:00	0:05:00
Kelseyville Fire	201	4	1	0	0	0	0	27	27	0	0:05:01	0:03:00	0:10:00
Lake County Fire	628	19	0	0	0	0	0	47	95	0	0:05:38	0:04:32	0:10:49
Lakeport Fire	250	1	0	0	0	0	0	11	92	0	0:02:56	0:01:27	0:07:18
Northshore Fire Protection District - Import	91	0	0	0	0	84	0	0	4	0	0:05:04	0:04:20	0:10:11
South Lake County Fire	113	2	0	0	0	0	0	0	3	0	0:06:02	0:04:10	0:13:27

Hospital Emergency Department Representation in CEMSI (Q4 2021)

Hospital Name	Facility ID	<20 Minute Offload	20-60 Minute Offload	60-120 Minute Offload	120-180 Minute Offload	>180 Minute Offload	Total Offloads	Negative Offload Time	Zero Second Offload	<1 Minute Offload	>5 Hour Offload	Quarterly Average Offload	Quarterly Median Offload	Quarterly 90th Percentile Offload
Adventist Health Clearlake	20449	786	17	0	0	0	803	0	51	102	0	0:05:37	0:04:39	0:11:04
Adventist Health Clearlake	(blank)	786	17	0	0	0	803	0	51	102	0	0:05:37	0:04:39	0:11:04
Adventist Health St. Helena	20448	1	0	0	0	0	1	0	0	0	0	0:08:00	0:08:00	0:08:00
Doctors on Duty	62796	0	1	0	0	0	1	0	0	0	0	0:38:00	0:38:00	0:38:00
Enloe Medical Center, Esplanade	20122	1	0	0	0	0	1	0	0	0	0	0:06:11	0:06:11	0:06:11
Eureka Community Health Center	22173	1	0	0	0	0	1	0	0	0	0	0:04:00	0:04:00	0:04:00
Jerald Phelps Community Hospital	20174	76	1	0	0	0	77	0	29	29	0	0:01:50	0:01:00	0:04:00
Lake County Sheriff	62392	1	0	0	0	0	1	0	0	0	0	0:05:11	0:05:11	0:05:11
Mad River Community Hospital	20264	544	1	1	0	0	546	0	330	330	0	0:01:06	0:00:00	0:03:00
Meadowood Nursing Center	21253	2	0	0	0	0	2	0	0	0	0	0:05:01	0:05:01	0:05:27
Mercy San Juan Medical Center	20286	1	0	0	0	0	1	0	1	1	0	0:00:00	0:00:00	0:00:00
Not Recorded	Not Recorded	4	0	0	0	0	4	0	4	4	0	0:00:00	0:00:00	0:00:00
Providence Saint Joseph Medical Center	20360	3	0	0	0	0	3	0	0	0	0	0:07:00	0:01:00	0:15:24
Queen Of The Valley Medical Center	20362	2	0	0	0	0	2	0	1	1	0	0:00:30	0:00:30	0:00:54
Redwood Memorial Hospital	20367	430	0	0	0	0	430	0	56	56	0	0:02:21	0:02:00	0:05:00
Regional Medical Center of San Jose	20368	1	0	0	0	0	1	0	1	1	0	0:00:00	0:00:00	0:00:00
Rest Padd	62345	1	0	0	0	0	1	0	1	1	0	0:00:00	0:00:00	0:00:00
Saint Joseph Hospital, Eureka	20454	2049	9	2	0	0	2060	0	301	302	0	0:02:49	0:02:00	0:06:00
Santa Rosa Memorial Hospital, Montgomery	20402	9	3	0	0	0	12	0	0	0	0	0:13:06	0:10:45	0:24:44
Sutter Coast Hospital	20472	292	1	0	0	0	297	4	116	117	0	0:01:23	0:01:04	0:02:00
Sutter Lakeside Hospital	20476	483	5	1	0	0	489	0	34	119	0	0:03:46	0:02:02	0:08:52
Sutter Lakeside Hospital	(blank)	483	5	1	0	0	489	0	34	119	0	0:03:46	0:02:02	0:08:52
Sutter Santa Rosa Regional Hospital	20478	1	0	0	0	0	1	0	0	0	0	0:01:39	0:01:39	0:01:39
Vibra Hospital of Northern California	20313	1	0	0	0	0	1	0	0	0	0	0:02:00	0:02:00	0:02:00