

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

**Reporting Period:  
April 2021 – September 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 April 2021

North Coast		April -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMSIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	254	256	99.2%	0:10:14	0:10:21
IC	20174	Jerold Phelps Community Hospital	14	14	100.0%	0:02:00	0:02:00
IC	20264	Mad River Community Hospital	188	187	100.5%	0:03:00	0:03:00
IC	20367	Redwood Memorial Hospital	107	107	100.0%	0:05:00	0:05:00
IC	20454	Saint Joseph Hospital, Eureka	515	514	100.2%	0:05:00	0:05:00
IC	20472	Sutter Coastal Hospital	125	125	100.0%	0:02:00	0:02:00
IC	20476	Sutter Lakeside Hospital	149	149	100.0%	0:06:25	0:06:35
		<b>Grand Total</b>	<b>1352</b>	<b>1352</b>	<b>100%</b>		
		"0 Negative times found in CEMSIS"					
		Report Run Date: August 12, 2021					
		LEMSA Submission Date: October 5, 2021					

### CEMSIS Comparison for May 2021

North Coast		May -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMISIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	274	274	100.0%	0:09:08	0:09:09
IC	20174	Jerold Phelps Community Hospital	22	22	100.0%	0:02:00	0:02:00
IC	20264	Mad River Community Hospital	162	162	100.0%	0:02:00	0:02:00
IC	20367	Redwood Memorial Hospital	154	154	100.0%	0:05:00	0:05:00
IC	20454	Saint Joseph Hospital, Eureka	577	577	100.0%	0:05:00	0:05:00
IC	20472	Sutter Coastal Hospital	111	111	100.0%	0:02:00	0:02:00
IC	20476	Sutter Lakeside Hospital	160	160	100.0%	0:09:41	0:09:40
		<b>Grand Total</b>	<b>1460</b>	<b>1460</b>	<b>100%</b>		
		"0 Negative times found in CEMISIS"					
		Report Run Date: August 12, 2021					
		LEMSA Submission Date: October 5, 2021					

### CEMSIS Comparison for June 2021

North Coast		June -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMISIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	251	251	100.0%	0:10:04	0:10:04
IC	20174	Jerold Phelps Community Hospital	20	20	100.0%	0:02:06	0:02:00
IC	20264	Mad River Community Hospital	190	190	100.0%	0:02:00	0:02:00
IC	20367	Redwood Memorial Hospital	137	138	99.3%	0:04:24	0:05:00
IC	20454	Saint Joseph Hospital, Eureka	638	637	100.2%	0:05:00	0:05:00
IC	20472	Sutter Coastal Hospital	91	90	101.1%	0:03:00	0:03:00
IC	20476	Sutter Lakeside Hospital	148	147	100.7%	0:06:25	0:06:35
		<b>Grand Total</b>	<b>1475</b>	<b>1473</b>	<b>100%</b>		
		"0 Negative times found in CEMISIS"					
		Report Run Date: August 12, 2021					
		LEMSA Submission Date: October 5, 2021					

### CEMSIS Comparison for July 2021

North Coast		July -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMSIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	284	285	99.6%	0:10:48	0:10:56
IC	20174	Jerold Phelps Community Hospital	25	25	100.0%	0:04:36	0:05:00
IC	20264	Mad River Community Hospital	210	210	100.0%	0:02:06	0:02:00
IC	20367	Redwood Memorial Hospital	119	119	100.0%	0:03:00	0:03:00
IC	20454	Saint Joseph Hospital, Eureka	664	665	99.8%	0:04:00	0:04:00
IC	20472	Sutter Coastal Hospital	127	127	100.0%	0:03:00	0:03:00
IC	20476	Sutter Lakeside Hospital	161	161	100.0%	0:07:36	0:07:56
		<b>Grand Total</b>	<b>1590</b>	<b>1592</b>	<b>100%</b>		
		"0 Negative times found in CEMSIS"					
		Report Run Date: November 15, 2021					
		LEMSA Submission Date: October 5, 2021					

### CEMSIS Comparison for August 2021

North Coast		August -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMSIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	275	275	100.0%	0:10:38	0:12:21
IC	20174	Jerold Phelps Community Hospital	22	22	100.0%	0:07:54	0:02:00
IC	20264	Mad River Community Hospital	200	200	100.0%	0:02:00	0:03:00
IC	20367	Redwood Memorial Hospital	177	177	100.0%	0:04:00	0:03:00
IC	20454	Saint Joseph Hospital, Eureka	637	637	100.0%	0:04:00	0:04:00
IC	20472	Sutter Coastal Hospital	152	150	101.3%	0:02:00	0:02:00
IC	20476	Sutter Lakeside Hospital	166	166	100.0%	0:07:00	0:07:24
		<b>Grand Total</b>	<b>1629</b>	<b>1627</b>	<b>100%</b>		
		"0 Negative times found in CEMSIS"					
		Report Run Date: November 15, 2021					
		LEMSA Submission Date: October 5, 2021					

### CEMSIS Comparison for September 2021

North Coast		September -- 2021					
In/Out of County	Facility ID (eDisposition.02)	Destination Name Reported By LEMSA	CEMSIS Count	LEMSA Count	Record % in CEMSIS	CEMSIS 90th	LEMSA 90th
IC	20449	Adventist Health, Clearlake	275	275	100.0%	0:12:21	0:10:40
IC	20174	Jerold Phelps Community Hospital	21	21	100.0%	0:02:00	0:08:00
IC	20264	Mad River Community Hospital	190	188	101.1%	0:03:00	0:02:00
IC	20367	Redwood Memorial Hospital	113	113	100.0%	0:03:00	0:04:00
IC	20454	Saint Joseph Hospital, Eureka	595	595	100.0%	0:04:00	0:04:00
IC	20472	Sutter Coastal Hospital	126	123	102.4%	0:02:00	0:02:00
IC	20476	Sutter Lakeside Hospital	141	140	100.7%	0:07:27	0:07:00
<b>Grand Total</b>			<b>1461</b>	<b>1455</b>	<b>100%</b>		
"0 Negative times found in CEMSIS"							
Report Run Date: November 15, 2021							
LEMSA Submission Date: October 5, 2021							



### Provider Representation in CEMIS (Q3 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	779	5	1	0	1	35	0	514	514	1	0:01:29	0:00:00	0:02:00
City Ambulance	2022	3	2	1	3	0	0	242	243	1	0:02:38	0:02:00	0:04:00
Del Norte Ambulance	406	2	0	0	0	0	0	152	152	0	0:01:32	0:02:00	0:02:00
Hoopla Ambulance	200	1	2	1	1	0	0	82	85	0	0:04:36	0:01:00	0:05:56
Kelseyville Fire	233	0	0	0	0	0	0	56	57	0	0:02:35	0:02:00	0:06:00
Lake County Fire	706	14	1	0	1	0	0	29	78	1	0:06:11	0:04:58	0:10:45
Lakeport Fire	244	5	0	0	0	0	0	2	90	0	0:03:30	0:01:53	0:08:18
Northshore Fire Protection District	89	0	0	0	0	85	1	0	5	0	0:05:04	0:05:00	0:09:40
South Lake County Fire	120	11	1	0	0	0	0	3	5	0	0:08:06	0:04:25	0:19:35

Hospital Emergency Department Representation in CEMIS (Q3 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	847	14	2	0	1	865	1	36	86	1	0:06:11	0:04:54	0:10:57
Adventist Health Clearlake	(blank)	847	14	2	0	1	865	1	36	86	1	0:06:11	0:04:54	0:10:57
Adventist Health Ukiah Valley	20506	2	0	0	0	0	2	0	1	1	0	0:01:00	0:01:00	0:01:48
Adventist Health Vallejo, Behavioral Health	20450	1	0	0	0	0	1	0	0	0	0	0:05:00	0:05:00	0:05:00
Aurora Santa Rosa Hospital	20022	1	0	0	0	1	2	0	0	0	0	1:42:00	1:42:00	2:59:36
Enloe Medical Center, Esplanade	20122	1	0	0	0	0	1	0	0	0	0	0:10:00	0:10:00	0:10:00
Eureka Rehabilitation & Wellness Center	20946	1	0	0	0	0	1	0	0	0	0	0:01:00	0:01:00	0:01:00
Fortuna Rehabilitation & Wellness Center	20965	1	0	0	0	0	1	0	0	0	0	0:02:00	0:02:00	0:02:00
Jerold Phelps Community Hospital	20174	67	0	1	0	0	68	0	27	27	0	0:02:56	0:01:00	0:04:18
Kaiser Permanente, Santa Rosa	20203	0	0	0	0	1	1	0	0	0	0	3:28:00	3:28:00	3:28:00
Kaiser Permanente, Vacaville	20216	5	1	0	0	0	6	0	0	0	0	0:15:13	0:15:37	0:22:01
Landing Zone	62315	2	0	0	0	0	2	0	0	0	0	0:02:00	0:02:00	0:02:00
Mad River Community Hospital	20264	593	3	3	0	1	600	0	364	364	0	0:01:43	0:00:00	0:03:00
Meadowood Nursing Center	21253	2	0	0	0	0	2	0	1	1	0	0:02:19	0:02:19	0:04:10
Mono County Sheriff (Coroner)	62373	1	0	0	0	0	1	0	0	1	0	0:00:01	0:00:01	0:00:01
Not Recorded	Not Recorded	35	0	0	0	0	35	0	28	28	0	0:01:38	0:00:00	0:03:12
Providence Saint John's Health Center	20451	1	0	0	0	0	1	0	0	0	0	0:03:00	0:03:00	0:03:00
Providence Saint Joseph Medical Center	20360	2	0	0	0	0	2	0	0	0	0	0:01:00	0:01:00	0:01:00
Redwood Memorial Hospital	20367	407	0	1	1	0	409	0	83	83	0	0:02:27	0:02:00	0:03:00
Rest Padd	62345	2	0	0	0	0	2	0	2	2	0	0:00:00	0:00:00	0:00:00
Rohnerville Airport (Fot) - Fortuna	61279	1	0	0	0	0	1	0	0	0	0	0:04:00	0:04:00	0:04:00
Saint Joseph Hospital, Eureka	20454	1887	6	0	1	2	1896	0	335	339	2	0:02:29	0:02:00	0:04:00
Santa Rosa Memorial Hospital, Montgomery	20402	8	7	0	0	0	15	0	2	2	0	0:16:50	0:16:44	0:35:24
Sempervirens Public Health	20411	2	0	0	0	0	2	0	0	0	0	0:03:00	0:03:00	0:03:48
St Helena Hospital - Deer Park	61401	3	2	0	0	0	5	0	1	1	0	0:10:20	0:01:22	0:25:25
Sutter Coast Hospital	20472	403	2	0	0	0	405	0	150	150	0	0:01:32	0:02:00	0:02:00
Sutter Lakeside Hospital	20476	518	4	0	0	0	522	0	50	144	0	0:03:07	0:02:00	0:07:35
Sutter Lakeside Hospital	(blank)	518	4	0	0	0	522	0	50	144	0	0:03:07	0:02:00	0:07:35
Sutter Santa Rosa Regional Hospital	20478	3	2	0	0	0	5	0	0	0	0	0:13:17	0:07:07	0:24:24
UC Davis Medical Center	20508	1	0	0	0	0	1	0	0	0	0	0:13:38	0:13:38	0:13:38
Vibra Hospital of Northern California	20313	2	0	0	0	0	2	0	0	0	0	0:04:00	0:04:00	0:04:48