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

## Reporting Period:
## January 2021 – March 2021



Prepared for:

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## APOT Comparison of CEMSIS Data to LEMSA Submissions:

**Purpose:** Adhering to the APOT methodology guidance[1] and specifications[2] developed by the EMS Authority and stakeholders, EMSA has develop 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 90th 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 90th 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 or email APOT@emsa.ca.gov.

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[1]*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*

[2] *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 January 2021

| | North Coast | January -- 2021 | | | | | |
|---|---|---|---|---|---|---|---|
| **In/Out of County** | **(eDisposition.02)** | **Destination Name (eDisposition.01)** | **CEMSIS Count** | **LEMSA Count** | **Record % in CEMSIS** | **CEMSIS 90th** | **LEMSA 90th** |
| IC | 20449 | Adventist Health, Clearlake | 291 | 291 | 100.0% | 0:11:00 | 0:11:00 |
| IC | 20174 | Jerold Phelps Community Hospital | 14 | 14 | 100.0% | 0:00:42 | 0:01:00 |
| IC | 20264 | Mad River Community Hospital | 158 | 158 | 100.0% | 0:03:00 | 0:03:00 |
| IC | 20367 | Redwood Memorial Hospital | 136 | 136 | 100.0% | 0:06:00 | 0:06:00 |
| IC | 20454 | Saint Joseph Hospital, Eureka | 484 | 487 | 99.4% | 0:05:00 | 0:05:00 |
| IC | 20472 | Sutter Coastal Hospital | 165 | 165 | 100.0% | 0:03:00 | 0:03:00 |
| IC | 20476 | Sutter Lakeside Hospital | 129 | 152 | 84.9% | 0:06:05 | 0:07:33 |
| | | **Grand Total** | **1377** | **1403** | **98%** | | |
| | | | | | | | |
| | | | | | | | |
| | | "0 Negative times found in CEMSIS" | | | | | |
| | | Report Run Date: May 3, 2021 | | | | | |
| | | LEMSA Submission Date: April 14, 2021 | | | | | |

## CEMSIS Comparison for February 2021

| In/Out of County | North Coast (eDisposition.02) | February -- 2021 Destination Name (eDisposition.01) | CEMSIS Count | LEMSA Count | Record % in CEMSIS | CEMSIS 90th | LEMSA 90th |
|---|---|---|---|---|---|---|---|
| IC | 20449 | Adventist Health, Clearlake | 230 | 230 | 100.0% | 0:09:26 | 0:09:25 |
| IC | 20174 | Jerold Phelps Community Hospital | 14 | 14 | 100.0% | 0:01:42 | 0:02:00 |
| IC | 20264 | Mad River Community Hospital | 164 | 164 | 100.0% | 0:03:00 | 0:03:00 |
| IC | 20367 | Redwood Memorial Hospital | 109 | 109 | 100.0% | 0:05:00 | 0:05:00 |
| IC | 20454 | Saint Joseph Hospital, Eureka | 462 | 463 | 99.8% | 0:06:00 | 0:06:00 |
| IC | 20472 | Sutter Coastal Hospital | 119 | 119 | 100.0% | 0:02:00 | 0:02:00 |
| IC | 20476 | Sutter Lakeside Hospital | 114 | 133 | 85.7% | 0:04:00 | 0:06:50 |
| | | **Grand Total** | **1212** | **1232** | **98%** | | |

"0 Negative times found in CEMSIS"

Report Run Date: May 3, 2021

LEMSA Submission Date: April 14, 2021

## CEMSIS Comparison for March 2021

| In/Out of County | North Coast<br>(eDisposition.02) | March -- 2021<br>Destination Name (eDisposition.01) | CEMSIS Count | LEMSA Count | Record % in CEMSIS | CEMSIS 90th | LEMSA 90th |
|---|---|---|---|---|---|---|---|
| IC | 20449 | Adventist Health, Clearlake | 250 | 250 | 100.0% | 0:10:31 | 0:10:31 |
| IC | 20174 | Jerold Phelps Community Hospital | 21 | 20 | 105.0% | 0:06:00 | 0:06:00 |
| IC | 20264 | Mad River Community Hospital | 168 | 166 | 101.2% | 0:03:00 | 0:03:00 |
| IC | 20367 | Redwood Memorial Hospital | 134 | 134 | 100.0% | 0:04:00 | 0:04:00 |
| IC | 20454 | Saint Joseph Hospital, Eureka | 520 | 518 | 100.4% | 0:05:00 | 0:05:00 |
| IC | 20472 | Sutter Coastal Hospital | 129 | 129 | 100.0% | 0:02:00 | 0:02:00 |
| IC | 20476 | Sutter Lakeside Hospital | 139 | 162 | 85.8% | 0:04:59 | 0:06:40 |
| | | **Grand Total** | **1361** | **1379** | **99%** | | |

"1 Negative times found in CEMSIS"
Report Run Date: May 3, 2021
LEMSA Submission Date: April 14, 2021

## Provider Representation in CEMSIS

| Provider Name | <20 Minute Offload | 20-60 Minute Offload | 60-120 Minute Offload | 120-180 Minute Offload | >180 Minute Ofload | 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 | 580 | 2 | 0 | 0 | 0 | 0 | 0 | 294 | 294 | 0 | 0:01:14 | 0:00:00 | 0:03:00 |
| City Ambulance - - Import | 1638 | 1 | 0 | 0 | 0 | 0 | 0 | 127 | 128 | 0 | 0:02:38 | 0:02:00 | 0:05:00 |
| Del Norte Ambulance | 413 | 0 | 0 | 0 | 0 | 0 | 1 | 146 | 146 | 0 | 0:01:24 | 0:02:00 | 0:02:00 |
| Hoopa Ambulance | 175 | 2 | 0 | 0 | 0 | 0 | 0 | 62 | 72 | 0 | 0:03:04 | 0:02:00 | 0:07:00 |
| Kelseyville Fire | 163 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 71 | 0 | 0:01:58 | 0:01:00 | 0:04:48 |
| Lake County Fire | 596 | 14 | 0 | 0 | 1 | 0 | 0 | 51 | 130 | 0 | 0:04:53 | 0:03:32 | 0:09:31 |
| Lakeport Fire | 232 | 2 | 0 | 1 | 0 | 0 | 0 | 5 | 43 | 0 | 0:02:30 | 0:01:00 | 0:04:50 |
| Northshore Fire Protection District - Import | 115 | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 7 | 0 | 0:05:52 | 0:05:23 | 0:10:10 |
| South Lake County Fire | 114 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 6 | 0 | 0:06:17 | 0:04:00 | 0:14:43 |

## Hospital Emergency Department Representation in CEMSIS

| Hospital Name | CEMSIS ID | <20 Minute Offload | 20-60 Minute Offload | 60-120 Minute Offload | 120-180 Minute Offload | >180 Minute Ofload | 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 | 756 | 14 | 0 | 0 | 1 | 771 | 0 | 60 | 0 | 0 | 0:04:59 | 0:03:43 | 0:10:32 |
| Aurora Santa Rosa Hospital | 20022 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:02:00 | 0:02:00 | 0:02:00 |
| General Hospital | 20142 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0:02:30 | 0:02:30 | 0:03:42 |
| Jerold Phelps Community Hospital | 20174 | 49 | 0 | 0 | 0 | 0 | 49 | 0 | 32 | 0 | 0 | 0:00:48 | 0:00:00 | 0:02:00 |
| Mad River Community Hospital | 20264 | 489 | 1 | 0 | 0 | 0 | 490 | 0 | 260 | 0 | 0 | 0:01:05 | 0:00:00 | 0:03:00 |
| Orchard Shores LZ | (blank) | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:12:00 | 0:12:00 | 0:12:00 |
| Providence Saint Joseph Medical Center | 20360 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0:01:00 | 0:01:00 | 0:01:00 |
| Queen Of The Valley Medical Center | 20362 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:01:00 | 0:01:00 | 0:01:00 |
| Reach Air Medical Services | 62498 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:01:00 | 0:01:00 | 0:01:00 |
| Redwood Coast Medical Services Inc | 22674 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:05:00 | 0:05:00 | 0:05:00 |
| Redwood Memorial Hospital | 20367 | 378 | 1 | 0 | 0 | 0 | 379 | 0 | 60 | 0 | 0 | 0:02:28 | 0:02:00 | 0:05:00 |
| Saint Joseph Hospital, Eureka | 20454 | 1463 | 3 | 0 | 0 | 0 | 1466 | 0 | 130 | 0 | 0 | 0:02:45 | 0:02:00 | 0:05:29 |
| Santa Rosa Memorial | (blank) | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:00:28 | 0:00:28 | 0:00:28 |
| Santa Rosa Memorial Hospital, Montgomery | 20402 | 11 | 2 | 0 | 0 | 0 | 13 | 0 | 5 | 0 | 0 | 0:07:42 | 0:05:00 | 0:19:22 |
| Sempervirens Public Health | 20411 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0:03:00 | 0:03:00 | 0:04:36 |
| Shasta Regional Medical Center | 20423 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:01:00 | 0:01:00 | 0:01:00 |
| St Helena Hospital - Deer Park | 61401 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0:01:43 | 0:01:44 | 0:02:58 |
| Sutter Coast Hospital | 20472 | 413 | 0 | 0 | 0 | 0 | 414 | 1 | 147 | 0 | 0 | 0:01:24 | 0:02:00 | 0:02:00 |
| Sutter Lakeside Hospital | 20476 | 444 | 2 | 0 | 1 | 0 | 447 | 0 | 67 | 0 | 0 | 0:02:56 | 0:01:00 | 0:07:05 |
| Sutter LZ | (blank) | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0:09:48 | 0:09:48 | 0:14:46 |
| UCSF Medical Center at Mission Bay | 62338 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:04:00 | 0:04:00 | 0:04:00 |
| Vibra Hospital of Northern California | 20313 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0:15:00 | 0:15:00 | 0:15:00 |