



Report to Commission: Ambulance Patient Offload Delays

Emergency Medical Services Authority
California Health and Human Services Agency
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Ambulance Patient Offload Time (APOT) Specifications

This report was generated using California Emergency Medical Services Information System (CEMSIS) records meeting the ambulance patient offload time specification described below.

The APOT Specifications outlined below can be found in full detail at <https://emsa.ca.gov/apot/>. The APOT qualifying record population for a given timeframe, for both APOT-1 and APOT-2, is defined as emergency medical services (EMS) records which meet the following National Emergency Medical Services Information System (NEMSIS) 3.4 criteria:

- All events for which eResponse.05 "Type of Service Requested" with the value of 2205001 "911 Response (Scene)"; **AND**
- All events in eDisposition.12 "Incident/Patient Disposition" with the value of 4212033, "Patient Treated, Transported by this EMS Unit"; **AND**
- All events in eDisposition.21 "Type of Destination" with the value of 4221003, "Hospital-Emergency Department"; **AND**
- eTimes.11 "Patient Arrived at Destination Date/Time" values are logical and present **AND**
- eTimes.12 "Destination Patient Transfer of Care Date/Time" values are logical and present

APOT-1 identifies the count of offloads meeting the APOT specification criteria and, based on those same records, the 90th percentile APOT time for a given time frame. APOT-1 is reported by general acute care facility or aggregated at a LEMSA level.

APOT-2 identifies the count of offloads meeting the same APOT specification criteria as APOT-1 and based on those same records, counts the number of records found within the five time intervals for a given time frame. The time intervals are as follows:

2.1: What count of patients transported by EMS personnel experience a transfer of care within 20 minutes of arrival at the Hospital Emergency Department?

2.2: What count of patients transported by EMS personnel experience a transfer of care between 20:01-60 minutes of arrival at the Hospital Emergency Department?

2.3: What count of patients transported by EMS personnel experience a transfer of care between 60:01-120 minutes after arrival at the Hospital Emergency Department?

2.4: What count of patients transported by EMS personnel experience a transfer of care between 120:01-180 minutes after arrival at the Hospital Emergency

Department?

2.5: What count of patients transported by EMS personnel experience a transfer of care more than 180:01 minutes after arrival at the Hospital Emergency Department?

Qualifying Record Exclusion Criteria:

EMS records which meet the APOT specification criteria and have a negative calculated time between eTimes.11 and eTimes.12 do not qualify as being part of the APOT record population and have been excluded from this report.

EMS records which meet the APOT specification criteria and have a eDisposition.02 "Destination Code" (CEMSIS Facility ID) recorded for as "Blank, Not Recorded, Not Reported, Not Available, or Null" do not qualify as being part of the APOT record population and have been excluded from this report.

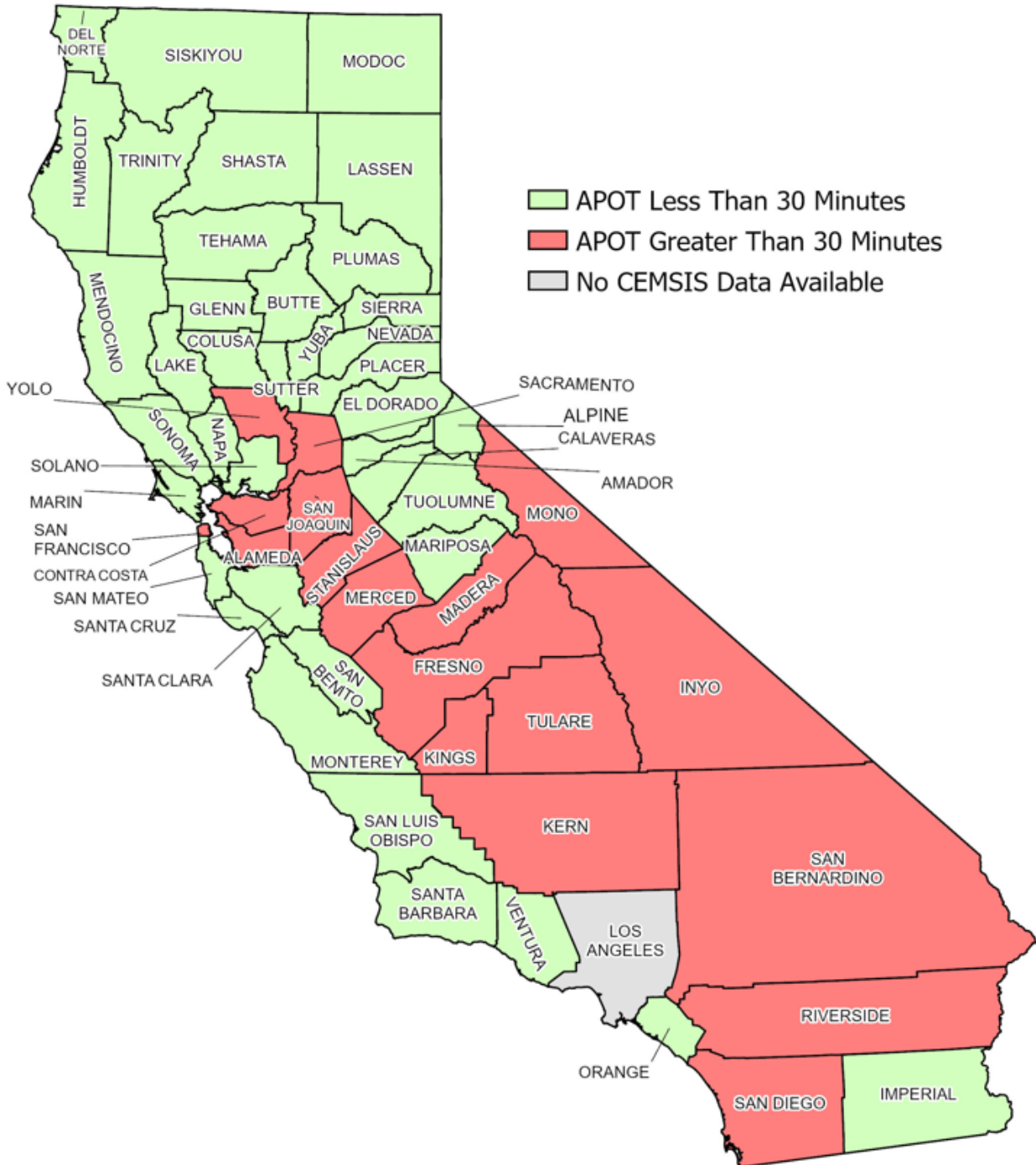
EMS records represented in this report are based on the specifications which may include duplicate records, records with offload times exceeding 24 hours, records from non-transport providers, and facilities which are not general acute care hospitals or do not have an emergency department. These records which fall into one of the above categories are included in this report due to provider documentation, a limitation of the NEMSIS Data Standards, or as a limitation of the APOT Specifications used for this report.

Report Notes and Transition to NEMSIS 3.5:

All APOT record counts and times are associated with EMS providers operating within the listed LEMSA and include transport to facilities both within and outside of a LEMSA's jurisdiction. There is no hospital-level or hospitals specific information contained in this report.

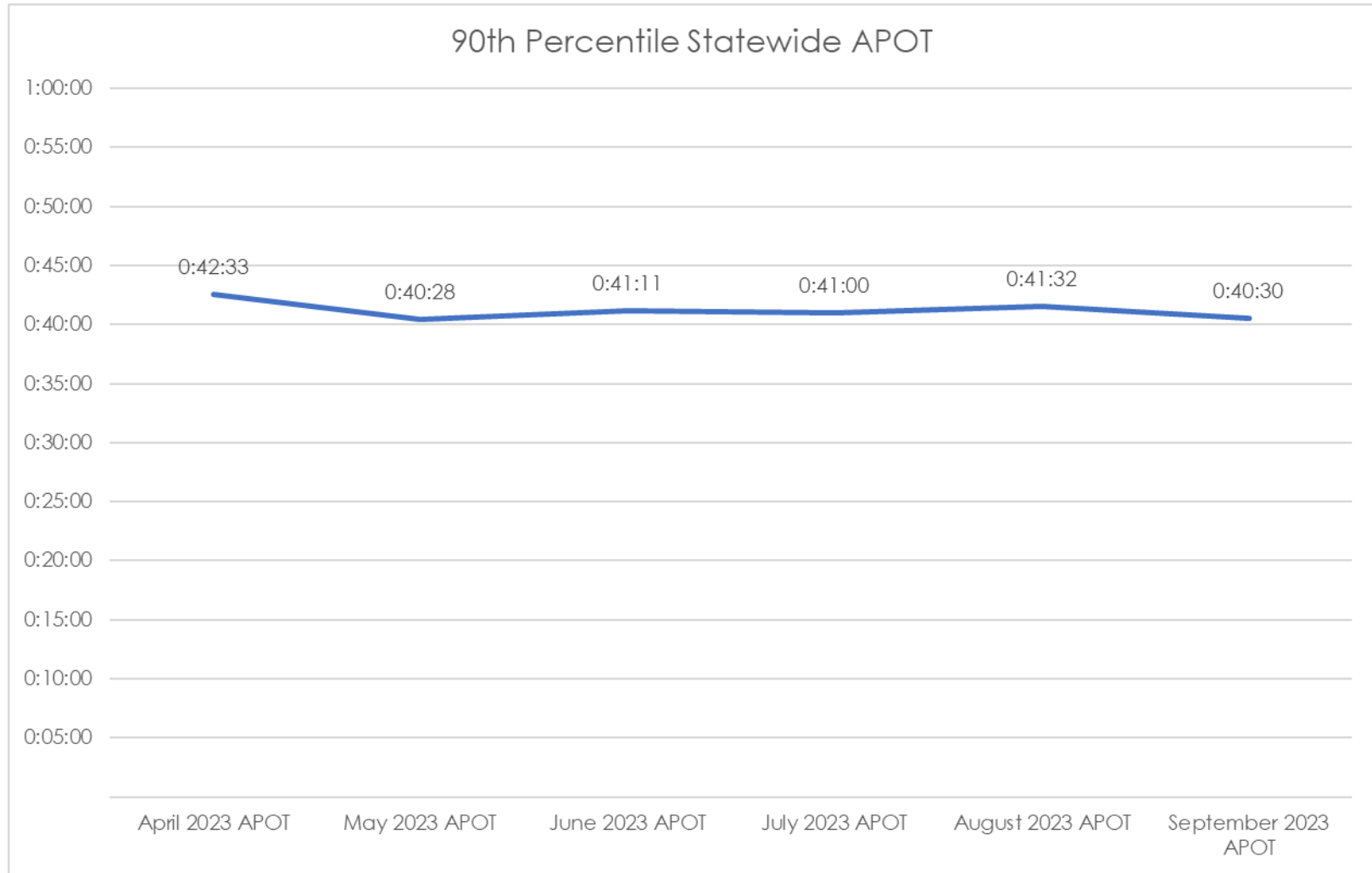
This report includes only records submitted using the NEMSIS 3.4 standard. During the time period analyzed in this report, some LEMSAs began transitioning to the NEMSIS 3.5 data standard and will have decreased APOT record representation in this document. 33 of 34 LEMSAs are represented in all components of this report, however their representation may be limited as a result of their transition status.

California Counties with a LEMSA 90th Percentile APOT Greater than 30 minutes over A 6-Month Period (April – September 2023)



All data represented in this report is sourced from CEMSIS with a run date of October 14, 2023. CEMSIS records are populated by participating EMS providers documented care in the pre-hospital setting through direct transmission into CEMSIS or passed through their local EMS Agency (LEMSA). Not all EMS providers in all LEMSAs are CEMSIS participants, therefore this report does not reflect 100% of EMS interactions and records meeting APOT criteria.

CEMSIS Sourced Statewide APOT Trend Graph (April – September 2023)



All data represented in this report is sourced from CEMIS with a run date of October 14, 2023. CEMIS records are populated by participating EMS providers documented care in the pre-hospital setting through direct transmission into CEMIS or passed through their local EMS Agency (LEMSA). Not all EMS providers in all LEMSAs are CEMIS participants, therefore this report does not reflect 100% of EMS interactions and records meeting APOT criteria.

CEMSIS Sourced APOT 1 (April – September): LEMSA Count of Offloads and 90th Percentile Offload Times

Local EMS Agency (LEMSA)	April 2023 Count	April 2023 APOT	May 2023 Count	May 2023 APOT	June 2023 Count	June 2023 APOT	July 2023 Count	July 2023 APOT	August 2023 Count	August 2023 APOT	September 2023 Count	September 2023 APOT
Alameda	7192	0:48:00	8971	0:48:00	8394	0:49:20	8995	0:50:00	8798	0:51:39	8242	0:50:33
Central California	11371	0:43:40	14297	0:44:05	13759	0:44:25	14383	0:46:42	14762	0:50:13	13411	0:50:57
Coastal Valleys	3116	0:18:00	3803	0:19:31	3527	0:19:05	3824	0:22:07	3781	0:20:15	3566	0:22:39
Contra Costa	5771	0:49:23	7102	0:48:37	6642	0:49:22	7028	0:45:11	7083	0:45:18	5194	0:43:11
El Dorado	1074	0:17:17	1108	0:22:49	1054	0:24:25	1245	0:20:24	1111	0:22:26	1005	0:20:11
Imperial	369	0:26:25	16	0:12:53	13	0:10:42	10	0:16:56	0		15	0:07:00
Inland Counties	12399	0:47:05	14790	0:46:33	14382	0:46:37	15730	0:45:10	15961	0:45:37	14726	0:42:11
Kern	4911	0:53:00	6459	0:52:55	6177	0:52:26	6726	0:55:15	6673	0:59:23	6095	0:52:44
Los Angeles												
Marin	954	0:13:01	1247	0:13:36	2	0:10:56	820	0:13:15	1326	0:13:54	1358	0:14:03
Merced	1554	0:44:19	1838	0:46:14	421	0:39:56	1814	0:44:09	1814	0:46:01	1612	0:49:55
Monterey	1862	0:21:00	2250	0:22:44	2190	0:21:00	2216	0:19:13	2283	0:20:22	2289	0:20:37
Mountain Valley	967	0:21:00	1357	0:19:00	1244	0:19:37	945	0:17:00	788	0:16:00	820	0:15:00
Napa	800	0:15:46	981	0:16:00	901	0:17:43	958	0:17:01	1046	0:16:19	1032	0:14:16
Northern California	298	0:07:18	417	0:07:12	281	0:08:00	475	0:10:00	466	0:09:00	376	0:07:00
North Coast	1454	0:07:24	1691	0:06:34	1592	0:07:21	1647	0:07:18	1617	0:07:50	1279	0:09:11
Orange	16018	0:30:45	19119	0:27:02	18181	0:28:33	19307	0:29:29	19979	0:29:00	19135	0:29:22
Riverside	12891	0:49:49	15068	0:43:13	14737	0:42:49	15963	0:38:43	15788	0:42:12	14565	0:41:45
Sacramento	9132	1:07:46	11024	1:04:13	8085	1:09:08	10723	1:06:07	11156	1:01:41	9565	0:55:30
San Benito	178	0:11:28	212	0:10:32	75	0:13:43	4	0:16:42	0		9	0:24:46
San Diego	5451	0:52:43	6619	0:45:00	5769	0:51:17	7082	0:47:39	6992	0:46:48	6619	0:43:17
San Francisco	5786	0:44:27	6789	0:40:27	6743	0:39:30	6870	0:38:50	6305	0:41:30	6652	0:41:52
San Joaquin	4174	0:46:39	5060	0:40:33	4681	0:42:50	5715	0:42:49	5051	0:39:51	3059	0:43:40
San Luis Obispo	1224	0:12:32	1630	0:12:21	1572	0:11:59	1617	0:13:26	1543	0:12:24	1408	0:12:31
San Mateo	2987	0:18:02	3537	0:17:39	3417	0:15:45	3612	0:16:00	3721	0:17:23	3327	0:16:50
Santa Barbara	1883	0:13:34	2213	0:13:01	2201	0:12:55	2154	0:13:03	2442	0:12:51	1800	0:12:40
Santa Clara	6824	0:27:42	8547	0:27:20	7985	0:26:52	8457	0:26:19	8512	0:27:58	7806	0:28:15
Santa Cruz	1087	0:19:42	1346	0:17:51	1288	0:19:28	1345	0:19:59	1299	0:19:05	1393	0:19:21
Sierra-Sacramento Valley	7936	0:29:34	8693	0:27:40	6072	0:31:02	3746	0:26:44	2481	0:18:00	711	0:11:29
Solano	1	0:05:48	1782	0:23:05	2020	0:24:09	2614	0:24:02	2510	0:25:21	2535	0:24:12
Stanislaus County	246	0:46:13	286	0:39:14	269	0:33:00	836	0:34:28	753	0:32:35	602	0:28:55
Tuolumne	335	0:10:00	432	0:09:00	467	0:13:00	474	0:13:00	419	0:12:42	428	0:13:00
Ventura	3138	0:22:51	3892	0:21:43	3753	0:23:02	4021	0:22:24	4097	0:21:41	3992	0:22:42
Yolo	1111	0:42:00	1367	0:40:34	1308	0:40:58	468	0:36:20	0		1	0:03:00
Statewide Total	134494	0:42:33	163943	0:40:28	149202	0:41:11	161824	0:41:00	160557	0:41:32	144627	0:40:30

During the time period analyzed in this report, some LEMSAs began transitioning to the NEMSIS 3.5 data standard and will have decreased APOT record representation in this table.

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CEMSIS Sourced APOT 2 (April – September): Aggregate Count of Offloads by APOT-2 Time Intervals

Local EMS Agency (LEMSA)	<=20 Minute Offload	20:01-60 Minute Offload	60:01-120 Minute Offload	120:01-180 Minute Offload	>180 Minute Offload	Total Offloads
Alameda	24,549	22,946	2,750	296	51	50,592
Central California	39,213	39,303	3,277	145	45	81,983
Coastal Valleys	19,450	1,950	200	13	4	21,617
Contra Costa	17,515	19,289	1,743	218	55	38,820
El Dorado	5,880	618	83	15	1	6,597
Imperial	348	73	1		1	423
Inland Counties	46,551	37,597	3,634	178	28	87,988
Kern	12,218	22,043	2,491	228	61	37,041
Los Angeles						
Marin	5,591	113	1		2	5,707
Merced	4,530	4,136	352	28	7	9,053
Monterey	11,708	1,297	81	3	1	13,090
Mountain Valley	5,633	413	62	5	8	6,121
Napa	5,376	336	5	1		5,718
Northern California	2,274	33	5		1	2,313
North Coast	9,152	96	18	3	11	9,280
Orange	90,766	18,557	2,163	222	31	111,739
Riverside	56,964	27,413	3,746	646	243	89,012
Sacramento	28,024	24,926	5,380	997	358	59,685
San Benito	466	11	1			478
San Diego	22,451	13,763	1,992	240	86	38,532
San Francisco	23,020	14,636	1,274	169	46	39,145
San Joaquin	16,037	10,567	943	100	93	27,740
San Luis Obispo	8,728	258	5	1	2	8,994
San Mateo	19,229	1,330	34	4	4	20,601
Santa Barbara	12,444	242	5	1	1	12,693
Santa Clara	38,857	8,337	811	95	31	48,131
Santa Cruz	7,077	670	9	1	1	7,758
Sierra-Sacramento Valley	24,686	4,201	642	83	27	29,639
Solano	9,067	2,357	27	1	10	11,462
Stanislaus County	2,269	619	88	7	9	2,992
Tuolumne	2,451	93	10	1		2,555
Ventura	19,864	2,844	123	10	52	22,893
Yolo	2,945	1,111	153	33	13	4,255
Statewide Total	595,333	282,178	32,109	3,744	1,283	914,647

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CEMSIS Sourced Statewide APOT “Heat” Table (April – September)

Local EMS Agency (LEMSA)	April 2023 APOT	May 2023 APOT	June 2023 APOT	July 2023 APOT	August 2023 APOT	September 2023 APOT
Alameda	0:48:00	0:48:00	0:49:20	0:50:00	0:51:39	0:50:33
Central California	0:43:40	0:44:05	0:44:25	0:46:42	0:50:13	0:50:57
Coastal Valleys	0:18:00	0:19:31	0:19:05	0:22:07	0:20:15	0:22:39
Contra Costa	0:49:23	0:48:37	0:49:22	0:45:11	0:45:18	0:43:11
El Dorado	0:17:17	0:22:49	0:24:25	0:20:24	0:22:26	0:20:11
Imperial	0:26:25	0:12:53	0:10:42	0:16:56		0:07:00
Inland Counties	0:47:05	0:46:33	0:46:37	0:45:10	0:45:37	0:42:11
Kern	0:53:00	0:52:55	0:52:26	0:55:15	0:59:23	0:52:44
Los Angeles						
Marin	0:13:01	0:13:36	0:10:56	0:13:15	0:13:54	0:14:03
Merced	0:44:19	0:46:14	0:39:56	0:44:09	0:46:01	0:49:55
Monterey	0:21:00	0:22:44	0:21:00	0:19:13	0:20:22	0:20:37
Mountain Valley	0:21:00	0:19:00	0:19:37	0:17:00	0:16:00	0:15:00
Napa	0:15:46	0:16:00	0:17:43	0:17:01	0:16:19	0:14:16
Northern California	0:07:18	0:07:12	0:08:00	0:10:00	0:09:00	0:07:00
North Coast	0:07:24	0:06:34	0:07:21	0:07:18	0:07:50	0:09:11
Orange	0:30:45	0:27:02	0:28:33	0:29:29	0:29:00	0:29:22
Riverside	0:49:49	0:43:13	0:42:49	0:38:43	0:42:12	0:41:45
Sacramento	1:07:46	1:04:13	1:09:08	1:06:07	1:01:41	0:55:30
San Benito	0:11:28	0:10:32	0:13:43	0:16:42		0:24:46
San Diego	0:52:43	0:45:00	0:51:17	0:47:39	0:46:48	0:43:17
San Francisco	0:44:27	0:40:27	0:39:30	0:38:50	0:41:30	0:41:52
San Joaquin	0:46:39	0:40:33	0:42:50	0:42:49	0:39:51	0:43:40
San Luis Obispo	0:12:32	0:12:21	0:11:59	0:13:26	0:12:24	0:12:31
San Mateo	0:18:02	0:17:39	0:15:45	0:16:00	0:17:23	0:16:50
Santa Barbara	0:13:34	0:13:01	0:12:55	0:13:03	0:12:51	0:12:40
Santa Clara	0:27:42	0:27:20	0:26:52	0:26:19	0:27:58	0:28:15
Santa Cruz	0:19:42	0:17:51	0:19:28	0:19:59	0:19:05	0:19:21
Sierra-Sacramento Valley	0:29:34	0:27:40	0:31:02	0:26:44	0:18:00	0:11:29
Solano	0:05:48	0:23:05	0:24:09	0:24:02	0:25:21	0:24:12
Stanislaus County	0:46:13	0:39:14	0:33:00	0:34:28	0:32:35	0:28:55
Tuolumne	0:10:00	0:09:00	0:13:00	0:13:00	0:12:42	0:13:00
Ventura	0:22:51	0:21:43	0:23:02	0:22:24	0:21:41	0:22:42
Yolo	0:42:00	0:40:34	0:40:58	0:36:20		0:03:00
Statewide Total	0:42:33	0:40:28	0:41:11	0:41:00	0:41:32	0:40:30

LEMSAs with red text and a red highlighted cell had a 90th Percentile APOT greater than 30 minutes for the month listed. The Statewide 90th Percentile APOT for each month between April 2023 and September 2023 exceeded 40 minutes.

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA for April 2023 through September 2023 (6 Months)

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	12,719	25.1%	4997:50:13
Central California	19,111	23.3%	5644:02:54
Coastal Valleys	830	3.8%	379:06:54
Contra Costa	10,105	26.0%	3465:49:19
El Dorado	342	5.2%	142:28:26
Imperial	23	5.4%	7:37:22
Inland Counties	19,232	21.9%	6032:11:35
Kern	12,940	34.9%	4401:48:18
Los Angeles			
Marin	19	0.3%	30:00:20
Merced	1,919	21.2%	683:38:54
Monterey	463	3.5%	140:50:52
Mountain Valley	209	3.4%	237:42:02
Napa	101	1.8%	17:11:21
Northern California	22	1.0%	30:01:12
North Coast	48	0.5%	255:01:06
Orange	8,865	7.9%	3341:59:49
Riverside	14,605	16.4%	7758:19:32
Sacramento	17,398	29.1%	9976:49:10
San Benito	2	0.4%	0:04:10
San Diego	7,822	20.3%	3770:31:45
San Francisco	6,668	17.0%	2735:54:09
San Joaquin	5,294	19.1%	3285:13:28
San Luis Obispo	90	1.0%	65:26:06
San Mateo	321	1.6%	90:57:05
Santa Barbara	50	0.4%	13:55:02
Santa Clara	3,300	6.9%	1440:26:07
Santa Cruz	166	2.1%	58:06:01
Sierra-Sacramento Valley	2,563	8.6%	1186:16:01
Solano	389	3.4%	3127:05:29
Stanislaus County	322	10.8%	235:19:11
Tuolumne	39	1.5%	11:59:43
Ventura	918	4.0%	1391:28:15
Yolo	722	17.0%	326:02:08
Statewide Total	147,617	16.1%	65281:13:59

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (April 2023)

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	2,060	28.6%	631:34:36
Central California	2,859	25.1%	730:54:17
Coastal Valleys	113	3.6%	32:55:29
Contra Costa	1,883	32.6%	616:18:36
El Dorado	47	4.4%	19:49:45
Imperial	23	6.2%	7:37:22
Inland Counties	3,373	27.2%	1029:53:08
Kern	1,887	38.4%	597:56:37
Los Angeles			
Marin	3	0.3%	0:23:57
Merced	390	25.1%	99:57:09
Monterey	82	4.4%	22:10:53
Mountain Valley	61	6.3%	45:23:07
Napa	7	0.9%	0:50:31
Northern California	1	0.3%	0:04:00
North Coast	8	0.6%	49:12:25
Orange	1,665	10.4%	662:44:59
Riverside	2,887	22.4%	1506:50:10
Sacramento	3,121	34.2%	1789:24:16
San Benito	2	1.1%	0:04:10
San Diego	1,447	26.5%	829:03:43
San Francisco	1,325	22.9%	446:08:39
San Joaquin	1,025	24.6%	527:42:04
San Luis Obispo	23	1.9%	6:43:23
San Mateo	59	2.0%	20:38:10
Santa Barbara	8	0.4%	2:58:24
Santa Clara	576	8.4%	258:15:57
Santa Cruz	35	3.2%	7:56:35
Sierra-Sacramento Valley	759	9.6%	356:02:43
Solano	0	0.0%	0:00:00
Stanislaus County	50	20.3%	52:51:56
Tuolumne	2	0.6%	0:12:30
Ventura	175	5.6%	221:57:38
Yolo	211	19.0%	91:04:10
Statewide Total	26,167	19.5%	10665:41:19

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (May 2023)

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	2,587	28.8%	867:47:05
Central California	3,696	25.9%	927:25:17
Coastal Valleys	154	4.0%	46:05:51
Contra Costa	2,215	31.2%	763:54:26
El Dorado	66	6.0%	28:16:46
Imperial	0	0.0%	0:00:00
Inland Counties	3,956	26.7%	1157:34:54
Kern	2,593	40.1%	851:41:55
Los Angeles			
Marin	5	0.4%	24:03:22
Merced	469	25.5%	139:55:09
Monterey	125	5.6%	51:40:24
Mountain Valley	36	2.7%	43:25:16
Napa	13	1.3%	2:17:04
Northern California	3	0.7%	0:57:17
North Coast	6	0.4%	2:20:03
Orange	1,574	8.2%	551:39:28
Riverside	3,029	20.1%	1300:44:32
Sacramento	3,620	32.8%	2108:48:49
San Benito	0	0.0%	0:00:00
San Diego	1,442	21.8%	545:28:26
San Francisco	1,390	20.5%	434:38:15
San Joaquin	1,067	21.1%	797:52:20
San Luis Obispo	15	0.9%	26:24:10
San Mateo	72	2.0%	19:39:21
Santa Barbara	7	0.3%	0:52:37
Santa Clara	689	8.1%	264:20:46
Santa Cruz	32	2.4%	6:22:16
Sierra-Sacramento Valley	744	8.6%	350:26:45
Solano	59	3.3%	60:39:20
Stanislaus County	48	16.8%	18:26:29
Tuolumne	3	0.7%	0:53:00
Ventura	159	4.1%	261:08:13
Yolo	227	16.6%	103:33:41
Statewide Total	30,101	18.4%	11759:23:17

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (June 2023)

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	2,460	29.3%	1167:43:58
Central California	3,516	25.6%	951:50:25
Coastal Valleys	129	3.7%	60:29:27
Contra Costa	2,068	31.1%	668:38:46
El Dorado	84	8.0%	30:10:56
Imperial	0	0.0%	0:00:00
Inland Counties	3,750	26.1%	1094:11:40
Kern	2,625	42.5%	765:31:36
Los Angeles			
Marin	0	0.0%	0:00:00
Merced	87	20.7%	21:37:38
Monterey	85	3.9%	23:17:33
Mountain Valley	57	4.6%	21:14:31
Napa	26	2.9%	4:53:30
Northern California	3	1.1%	1:06:08
North Coast	9	0.6%	13:46:12
Orange	1,682	9.3%	574:03:43
Riverside	2,850	19.3%	1155:30:56
Sacramento	2,965	36.7%	1624:35:45
San Benito	0	0.0%	0:00:00
San Diego	1,443	25.0%	737:42:21
San Francisco	1,269	18.8%	559:19:34
San Joaquin	992	21.2%	636:03:16
San Luis Obispo	13	0.8%	2:42:06
San Mateo	44	1.3%	6:27:38
Santa Barbara	12	0.5%	4:08:37
Santa Clara	635	8.0%	276:44:19
Santa Cruz	35	2.7%	7:07:44
Sierra-Sacramento Valley	639	10.5%	264:47:12
Solano	77	3.8%	25:24:22
Stanislaus County	31	11.5%	11:14:38
Tuolumne	10	2.1%	4:10:05
Ventura	192	5.1%	218:14:44
Yolo	216	16.5%	109:44:57
Statewide Total	28,004	18.8%	11042:34:17

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (July 2023)

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	2,626	29%	975:38:46
Central California	4,132	29%	1164:06:47
Coastal Valleys	228	6%	102:41:22
Contra Costa	1,960	28%	618:27:26
El Dorado	60	5%	30:00:21
Imperial	0	0.0%	0:00:00
Inland Counties	3,942	25%	1372:22:54
Kern	2,838	42%	872:24:49
Los Angeles			
Marin	6	1%	0:35:44
Merced	467	26%	120:25:03
Monterey	72	3%	14:44:29
Mountain Valley	34	4%	58:24:08
Napa	20	2%	2:46:21
Northern California	7	1%	2:47:47
North Coast	13	1%	69:33:35
Orange	1,870	10%	643:03:20
Riverside	2,562	16%	1750:27:47
Sacramento	3,577	33%	1912:39:40
San Benito	0	0.0%	0:00:00
San Diego	1,658	23%	736:22:45
San Francisco	1,291	19%	417:06:57
San Joaquin	1,157	20%	873:59:22
San Luis Obispo	21	1%	25:57:49
San Mateo	61	2%	23:45:56
Santa Barbara	11	1%	0:47:08
Santa Clara	618	7%	271:57:03
Santa Cruz	38	3%	8:12:49
Sierra-Sacramento Valley	306	8%	130:24:06
Solano	115	4%	2976:05:01
Stanislaus County	101	12%	83:10:19
Tuolumne	12	3%	4:21:57
Ventura	200	5%	295:16:33
Yolo	68	15%	21:39:20
Statewide Total	30,071	18.6%	15580:17:24

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (August 2023)

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	2,701	30.7%	984:28:17
Central California	4,609	31.2%	1489:34:18
Coastal Valleys	177	4.7%	56:07:17
Contra Costa	1,887	26.6%	594:08:08
El Dorado	75	6.8%	20:47:03
Imperial			
Inland Counties	4,041	25.3%	1194:42:41
Kern	2,779	41.6%	1023:35:33
Los Angeles			
Marin	4	0.3%	0:26:17
Merced	461	25.4%	212:08:06
Monterey	93	4.1%	22:14:28
Mountain Valley	18	2.3%	31:38:00
Napa	35	3.3%	6:23:55
Northern California	8	1.7%	25:06:00
North Coast	9	0.6%	71:35:08
Orange	1,865	9.3%	659:41:11
Riverside	2,799	17.7%	1344:53:09
Sacramento	3,628	32.5%	1791:21:03
San Benito			
San Diego	1,678	24.0%	701:16:00
San Francisco	1,248	19.8%	519:30:09
San Joaquin	991	19.6%	338:06:08
San Luis Obispo	18	1.2%	3:38:38
San Mateo	83	2.2%	18:38:00
Santa Barbara	11	0.5%	2:41:35
Santa Clara	711	8.4%	231:03:05
Santa Cruz	25	1.9%	4:46:48
Sierra-Sacramento Valley	113	4.6%	82:14:27
Solano	134	5.3%	37:53:40
Stanislaus County	84	11.2%	34:55:29
Tuolumne	12	2.9%	2:22:11
Ventura	172	4.2%	218:16:38
Yolo			
Statewide Total	30,469	19.0%	11724:13:22

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**CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA
(September 2023)**

Local EMS Agency (LEMSA)	Count of Records > 30 Minutes	Percent of Total Records > 30 Minutes	Total Hours, Minutes and Seconds of Delay > 30 minutes
Alameda	2,578	31.3%	890:40:31
Central California	4,453	33.2%	1356:19:30
Coastal Valleys	225	6.3%	127:48:31
Contra Costa	1,302	25.1%	437:08:18
El Dorado	53	5.3%	21:58:52
Imperial	1	6.7%	0:20:07
Inland Counties	3,312	22.5%	851:00:20
Kern	2,196	36.0%	728:47:43
Los Angeles			
Marin	5	0.4%	5:41:30
Merced	474	29.4%	189:48:37
Monterey	103	4.5%	25:08:29
Mountain Valley	17	2.1%	41:28:00
Napa	11	1.1%	1:03:31
Northern California	1	0.3%	0:07:00
North Coast	12	0.9%	49:32:41
Orange	1,819	9.5%	621:18:15
Riverside	2,510	17.2%	1188:14:55
Sacramento	2,780	29.1%	1317:16:20
San Benito	1	11.1%	0:35:00
San Diego	1,328	20.1%	504:05:33
San Francisco	1,388	20.9%	618:52:48
San Joaquin	614	20.1%	241:01:29
San Luis Obispo	14	1.0%	2:16:36
San Mateo	60	1.8%	10:41:20
Santa Barbara	4	0.2%	2:38:17
Santa Clara	671	8.6%	255:54:42
Santa Cruz	38	2.7%	28:54:07
Sierra-Sacramento Valley	17	2.4%	6:56:36
Solano	121	4.8%	44:03:27
Stanislaus County	56	9.3%	44:14:07
Tuolumne	12	2.8%	3:01:20
Ventura	197	4.9%	213:55:41
Yolo	0	0.0%	0:00:00
Statewide Total	26,373	18.2%	9830:54:13

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