



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 APOT specification described below. The Emergency Medical Services Authority (EMSA) developed updated APOT Specifications for the National Emergency Medical Services Information System (NEMSIS) version 3.5 for 2024 data as NEMSIS 3.4 was retired December 31, 2023.

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 NEMSIS criteria:

- All events for which eResponse.05 "Type of Service Requested" with the value of 2205001 "911 Response (Scene)"/ "Emergency Response (Primary Response Area); **AND EITHER**
- **For NEMSIS 3.4 Records (2023)** All events in eDisposition.12 "Incident/Patient Disposition" with the value of 4212033, "Patient Treated, Transported by this EMS Unit"; **OR**
- **For NEMSIS 3.5 Records (2024)** All events in eDisposition.30 "Transport Disposition" with the value of 4230001 "Transport by This EMS Unit (This Crew Only)" or 4230003 "Transport by This EMS Unit, With a Member of Another Crew"
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 has an 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 NEMESIS data standard, or as a limitation of the APOT Specifications used for this report.

Report Notes and Transition to NEMESIS 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.

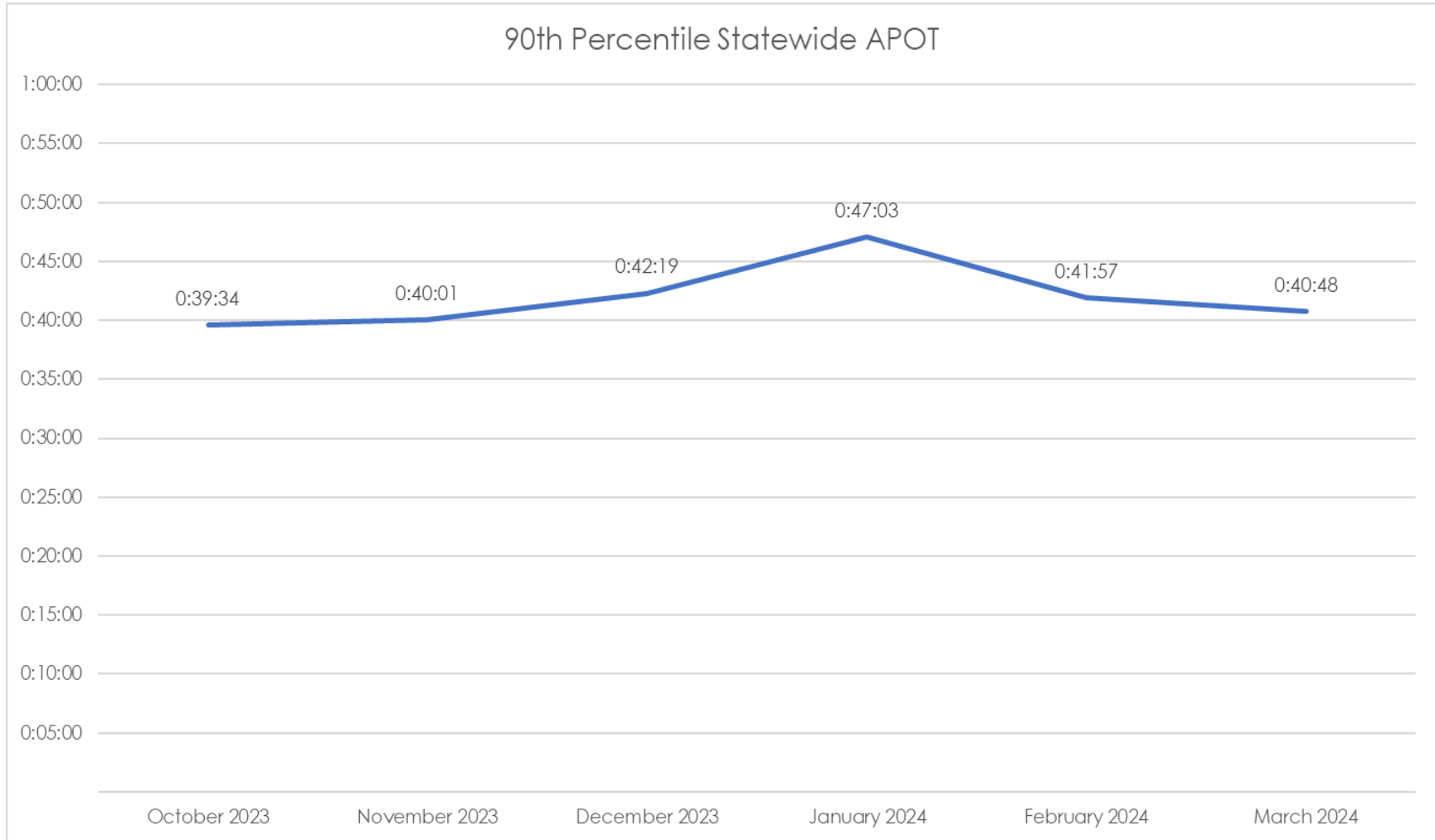
During the period analyzed in this report, LEMSAs began or completed transitioning to the NEMESIS 3.5 data standard which is why multiple LEMSA have APOT record representation for the final months of 2023. All 34 LEMSAs are represented in this report, however, representation may be limited due to their transition status.

California Counties with a LEMSA 90th Percentile APOT Greater than 30 minutes over A 6-Month Period (October 2023 – March 2024)



All data represented in this report is sourced from CEMSIS with a run date of April 30, 2024. 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. **This map was updated June 25, 2024, to correct an error.*

CEMSIS Sourced Statewide APOT Trend Graph (October 2023 – March 2024)



All data represented in this report is sourced from CEMIS with a run date of April 30, 2024. 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 (October 2023 – March 2024): LEMSA Count of Offloads and 90th Percentile APOT

Local EMS Agency (LEMSA)	October 2023 Count	October 2023 APOT	November 2023 Count	November 2023 APOT	December 2023 Count	December 2023 APOT	January 2024 Count	January 2024 APOT	February 2024 Count	February 2024 APOT	March 2024 Count	March 2024 APOT
Alameda	3156	0:52:57	54	1:13:24	13	0:49:17	8059	0:52:48	7452	0:48:48	7901	0:45:53
Central California	218	0:32:39	3	1:31:54	3	0:11:28	14004	0:50:48	9096	0:49:36	13610	0:49:27
Coastal Valleys	3429	0:20:00	2411	0:20:06	841	0:30:23	3271	0:19:00	3376	0:18:00	3750	0:18:31
Contra Costa	6114	0:44:21	2158	0:43:54	235	0:27:17	7434	0:51:36	7039	0:48:39	7487	0:45:08
El Dorado	1105	0:22:26	464	0:21:03	0		1110	0:21:37	1033	0:22:46	1093	0:23:38
Imperial	0		1	0:19:03	0		866	0:31:28	825	0:27:27	927	0:28:25
Inland Counties	15489	0:44:03	14836	0:45:06	1759	0:40:00	10295	0:49:48	8986	0:46:35	9952	0:44:03
Kern	6558	0:53:11	3347	0:51:51	211	0:31:50	6128	0:58:06	5662	0:56:14	5705	0:52:52
Los Angeles	0		0		0		31383	0:54:16	26278	0:43:09	26781	0:42:57
Marin	1430	0:12:56	1332	0:13:00	178	0:13:03	1367	0:13:14	1329	0:13:34	1365	0:13:53
Merced	4	0:13:12	0		2	0:24:54	1796	0:49:00	1713	0:47:45	1847	0:48:41
Monterey	2237	0:22:17	75	0:21:08	0		1538	0:20:19	1306	0:18:00	1444	0:21:06
Mountain Counties	727	0:15:00	132	0:13:54	151	0:21:00	610	0:14:00	561	0:15:00	715	0:15:00
Napa	1162	0:14:00	483	0:15:38	0		909	0:15:00	782	0:16:18	829	0:13:00
Northern California	202	0:08:00	83	0:05:00	84	0:06:00	433	0:07:00	313	0:06:56	420	0:07:00
North Coast	701	0:12:36	617	0:11:39	94	0:12:54	1214	0:06:55	975	0:07:08	393	0:08:03
Orange	11742	0:32:11	777	0:27:59	265	0:21:53	18609	0:35:52	16548	0:29:46	17513	0:27:06
Riverside	598	0:33:43	35	0:11:00	50	0:14:00	15276	0:53:33	14233	0:42:39	15317	0:40:47
Sacramento	7605	0:55:06	485	0:53:25	70	1:07:40	11630	1:04:38	10738	0:59:47	10871	0:56:27
San Benito	0		0		0		370	0:12:02	281	0:11:00	255	0:11:05
San Diego	6770	0:40:31	6438	0:44:17	6909	0:51:37	284	0:49:00	5156	0:43:30	6681	0:54:57
San Francisco	2819	0:46:04	4	0:23:30	0		7376	0:56:09	6565	0:48:31	6854	0:45:00
San Joaquin	891	0:39:07	0		0		6157	0:47:53	5620	0:41:34	5915	0:39:21
San Luis Obispo	1570	0:14:02	1582	0:13:37	1005	0:14:42	1548	0:16:47	1392	0:12:42	1478	0:13:22
San Mateo	2874	0:17:09	0		0		4094	0:17:25	3677	0:16:53	3844	0:17:53
Santa Barbara	0		0		0		2412	0:13:35	2290	0:13:36	2461	0:13:39
Santa Clara	8017	0:30:29	7794	0:32:04	1375	0:34:39	8438	0:36:41	7837	0:32:40	7931	0:33:17
Santa Cruz	34	0:15:08	0		0		1290	0:21:22	1206	0:21:21	1306	0:18:10
Sierra-Sacramento Valley	463	0:06:00	54	0:06:44	3	0:01:30	10196	0:39:00	9214	0:33:30	9786	0:30:06
Solano	875	0:24:42	0		0		2683	0:25:19	2430	0:25:36	2522	0:23:53
Stanislaus County	618	0:31:50	539	0:30:05	448	0:34:01	4960	0:44:34	4380	0:46:13	3520	0:37:08
Tuolumne	149	0:14:04	16	0:17:30	4	0:13:48	430	0:15:55	334	0:12:00	409	0:12:20
Ventura	2144	0:22:49	0		0		4289	0:26:01	4055	0:25:49	4267	0:26:44
Yolo	0		0		0		949	0:53:35	1273	0:49:30	880	0:47:30
Statewide Total	89701	0:39:34	43720	0:40:01	13700	0:42:19	191408	0:47:03	173955	0:41:57	186029	0:40:48

During Quarter 4 of 2023, LEMSAs were in various stages of transition to the NEMSIS 3.5 data standard resulting in decreased APOT record representation in this table.

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CEMSIS Sourced APOT 2 (October 2023 – March 2024): 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	12,600	12,451	1,452	119	13	26,635
Central California	16,440	18,470	1,922	76	26	36,934
Coastal Valleys	15,530	1,401	116	13	18	17,078
Contra Costa	13,852	14,932	1,419	160	104	30,467
El Dorado	4,233	514	53	3	2	4,805
Imperial	2,035	507	65	10	2	2,619
Inland Counties	32,540	26,150	2,489	112	26	61,317
Kern	9,800	15,630	1,883	225	73	27,611
Los Angeles	54,005	25,100	4,215	770	352	84,442
Marin	6,875	118	4	1	3	7,001
Merced	2,594	2,483	260	16	9	5,362
Monterey	5,885	680	32	3	0	6,600
Mountain Counties	2,750	129	14	1	2	2,896
Napa	3,970	189	5	1	0	4,165
Northern California	1,508	16	7	1	3	1,535
North Coast	3,926	61	5	1	1	3,994
Orange	52,044	11,755	1,475	151	29	65,454
Riverside	27,600	15,136	2,181	381	211	45,509
Sacramento	19,338	17,975	3,308	573	205	41,399
San Benito	886	19	1	0	0	906
San Diego	18,489	11,830	1,592	246	81	32,238
San Francisco	12,133	9,942	1,233	222	88	23,618
San Joaquin	9,397	8,505	581	44	56	18,583
San Luis Obispo	8,186	366	22	1	0	8,575
San Mateo	13,520	937	22	1	9	14,489
Santa Barbara	7,014	145	2	0	2	7,163
Santa Clara	29,592	10,872	816	96	16	41,392
Santa Cruz	3,448	381	7	0	0	3,836
Sierra-Sacramento Valley	23,236	5,498	805	128	49	29,716
Solano	6,564	1,881	40	4	21	8,510
Stanislaus County	9,886	3,852	622	75	30	14,465
Tuolumne	1,281	56	5	0	0	1,342
Ventura	12,229	2,351	137	12	26	14,755
Yolo	1,628	1,275	178	17	4	3,102
Statewide Total	445,014	221,607	26,968	3,463	1,461	698,513

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CEMSIS Sourced Statewide APOT “Heat” Table (October 2023 – March 2024)

Local EMS Agency (LEMSA)	October 2023 APOT	November 2023 APOT	December 2023 APOT	January 2024 APOT	February 2024 APOT	March 2024 APOT
Alameda	0:52:57	1:13:24	0:49:17	0:52:48	0:48:48	0:45:53
Central California	0:32:39	1:31:54	0:11:28	0:50:48	0:49:36	0:49:27
Coastal Valleys	0:20:00	0:20:06	0:30:23	0:19:00	0:18:00	0:18:31
Contra Costa	0:44:21	0:43:54	0:27:17	0:51:36	0:48:39	0:45:08
El Dorado	0:22:26	0:21:03		0:21:37	0:22:46	0:23:38
Imperial		0:19:03		0:31:28	0:27:27	0:28:25
Inland Counties	0:44:03	0:45:06	0:40:00	0:49:48	0:46:35	0:44:03
Kern	0:53:11	0:51:51	0:31:50	0:58:06	0:56:14	0:52:52
Los Angeles				0:54:16	0:43:09	0:42:57
Marin	0:12:56	0:13:00	0:13:03	0:13:14	0:13:34	0:13:53
Merced	0:13:12		0:24:54	0:49:00	0:47:45	0:48:41
Monterey	0:22:17	0:21:08		0:20:19	0:18:00	0:21:06
Mountain Counties	0:15:00	0:13:54	0:21:00	0:14:00	0:15:00	0:15:00
Napa	0:14:00	0:15:38		0:15:00	0:16:18	0:13:00
Northern California	0:08:00	0:05:00	0:06:00	0:07:00	0:06:56	0:07:00
North Coast	0:12:36	0:11:39	0:12:54	0:06:55	0:07:08	0:08:03
Orange	0:32:11	0:27:59	0:21:53	0:35:52	0:29:46	0:27:06
Riverside	0:33:43	0:11:00	0:14:00	0:53:33	0:42:39	0:40:47
Sacramento	0:55:06	0:53:25	1:07:40	1:04:38	0:59:47	0:56:27
San Benito				0:12:02	0:11:00	0:11:05
San Diego	0:40:31	0:44:17	0:51:37	0:49:00	0:43:30	0:54:57
San Francisco	0:46:04	0:23:30		0:56:09	0:48:31	0:45:00
San Joaquin	0:39:07			0:47:53	0:41:34	0:39:21
San Luis Obispo	0:14:02	0:13:37	0:14:42	0:16:47	0:12:42	0:13:22
San Mateo	0:17:09			0:17:25	0:16:53	0:17:53
Santa Barbara				0:13:35	0:13:36	0:13:39
Santa Clara	0:30:29	0:32:04	0:34:39	0:36:41	0:32:40	0:33:17
Santa Cruz	0:15:08			0:21:22	0:21:21	0:18:10
Sierra-Sacramento Valley	0:06:00	0:06:44	0:01:30	0:39:00	0:33:30	0:30:06
Solano	0:24:42			0:25:19	0:25:36	0:23:53
Stanislaus County	0:31:50	0:30:05	0:34:01	0:44:34	0:46:13	0:37:08
Tuolumne	0:14:04	0:17:30	0:13:48	0:15:55	0:12:00	0:12:20
Ventura	0:22:49			0:26:01	0:25:49	0:26:44
Yolo				0:53:35	0:49:30	0:47:30
Statewide Total	0:39:34	0:40:01	0:42:19	0:47:03	0:41:57	0:40:48

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 October 2023 and March 2024 exceeded 39 minutes.

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA for October 2023 through March 2024 (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	8,058	30.3%	2639:22:54
Central California	11,944	32.3%	4439:03:09
Coastal Valleys	712	4.2%	656:21:39
Contra Costa	8,975	29.5%	4695:21:01
El Dorado	294	6.1%	92:15:20
Imperial	247	9.4%	145:57:49
Inland Counties	15,327	25.0%	4684:11:56
Kern	10,352	37.5%	3721:50:16
Los Angeles	17,660	20.9%	8939:46:24
Marin	41	0.6%	103:34:17
Merced	1,532	28.6%	551:13:30
Monterey	255	3.9%	61:56:04
Mountain Counties	72	2.5%	68:03:03
Napa	63	1.5%	13:15:51
Northern California	19	1.2%	79:24:28
North Coast	23	0.6%	31:22:32
Orange	6,973	10.7%	2570:36:58
Riverside	9,366	20.6%	4468:49:06
Sacramento	13,316	32.2%	7121:59:10
San Benito	10	1.1%	2:10:56
San Diego	7,305	22.7%	3259:06:35
San Francisco	6,311	26.7%	3407:55:11
San Joaquin	4,620	24.9%	1961:30:24
San Luis Obispo	158	1.8%	38:05:38
San Mateo	265	1.8%	201:26:04
Santa Barbara	17	0.2%	11:22:20
Santa Clara	5,249	12.7%	1534:40:47
Santa Cruz	134	3.5%	23:41:53
Sierra-Sacramento Valley	3,592	12.1%	1787:08:06
Solano	428	5.0%	1846:08:13
Stanislaus County	2,487	17.2%	1194:12:15
Tuolumne	35	2.6%	10:10:59
Ventura	1,021	6.9%	845:11:41
Yolo	878	28.3%	318:00:33
Statewide Total	137,739	19.7%	61525:17:02

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (October 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	1038	32.9%	358:50:12
Central California	31	14.2%	9:02:40
Coastal Valleys	147	4.3%	56:41:38
Contra Costa	1601	26.2%	450:48:12
El Dorado	73	6.6%	23:52:53
Imperial	0	0.0%	0:00:00
Inland Counties	3508	22.6%	1026:05:11
Kern	2484	37.9%	857:31:46
Los Angeles	0	0.0%	0:00:00
Marin	8	0.6%	1:56:39
Merced	0	0.0%	0:00:00
Monterey	111	5.0%	29:43:48
Mountain Counties	19	2.6%	4:14:00
Napa	11	0.9%	2:27:10
Northern California	1	0.5%	23:42:00
North Coast	4	0.6%	2:17:06
Orange	1320	11.2%	521:24:45
Riverside	73	12.2%	23:27:59
Sacramento	2133	28.0%	948:32:28
San Benito	0	0.0%	0:00:00
San Diego	1276	18.8%	442:32:11
San Francisco	702	24.9%	391:42:43
San Joaquin	139	15.6%	426:49:03
San Luis Obispo	25	1.6%	5:40:36
San Mateo	68	2.4%	22:22:42
Santa Barbara	0	0.0%	0:00:00
Santa Clara	835	10.4%	201:54:15
Santa Cruz	1	2.9%	0:01:00
Sierra-Sacramento Valley	3	0.6%	24:42:00
Solano	50	5.7%	7:19:40
Stanislaus County	68	11.0%	65:57:22
Tuolumne	5	3.4%	2:20:04
Ventura	103	4.8%	94:00:30
Yolo	0	0.0%	0:00:00
Statewide Total	15,837	17.7%	6026:00:33

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**CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA
(November 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	17	31.5%	9:29:52
Central California	2	66.7%	1:33:29
Coastal Valleys	96	4.0%	30:41:33
Contra Costa	507	23.5%	189:52:14
El Dorado	29	6.3%	8:48:59
Imperial	0	0.0%	0:00:00
Inland Counties	3549	23.9%	1113:20:42
Kern	1191	35.6%	439:43:26
Los Angeles	0	0.0%	0:00:00
Marin	9	0.7%	1:07:03
Merced	0	0.0%	0:00:00
Monterey	0	0.0%	0:00:00
Mountain Counties	3	2.3%	1:06:00
Napa	10	2.1%	2:04:27
Northern California	1	1.2%	0:40:00
North Coast	6	1.0%	2:04:57
Orange	72	9.3%	25:15:20
Riverside	0	0.0%	0:00:00
Sacramento	129	26.6%	54:52:25
San Benito	0	0.0%	0:00:00
San Diego	1336	20.8%	653:52:40
San Francisco	0	0.0%	0:00:00
San Joaquin	0	0.0%	0:00:00
San Luis Obispo	32	2.0%	7:38:25
San Mateo	0	0.0%	0:00:00
Santa Barbara	0	0.0%	0:00:00
Santa Clara	899	11.5%	258:14:06
Santa Cruz	0	0.0%	0:00:00
Sierra-Sacramento Valley	0	0.0%	0:00:00
Solano	0	0.0%	0:00:00
Stanislaus County	55	10.2%	15:04:55
Tuolumne	0	0.0%	0:00:00
Ventura	0	0.0%	0:00:00
Yolo	0	0.0%	0:00:00
Statewide Total	7,943	18.2%	2815:30:33

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**CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA
(December 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	4	30.8%	1:21:31
Central California	0	0.0%	0:00:00
Coastal Valleys	85	10.1%	32:30:01
Contra Costa	15	6.4%	41:46:29
El Dorado	0	0.0%	0:00:00
Imperial	0	0.0%	0:00:00
Inland Counties	367	20.9%	118:36:32
Kern	25	11.8%	7:31:49
Los Angeles	0	0.0%	0:00:00
Marin	3	1.7%	24:17:09
Merced	0	0.0%	0:00:00
Monterey	0	0.0%	0:00:00
Mountain Counties	11	7.3%	4:25:00
Napa	0	0.0%	0:00:00
Northern California	1	1.2%	0:43:00
North Coast	0	0.0%	0:00:00
Orange	13	4.9%	3:20:19
Riverside	2	4.0%	0:17:00
Sacramento	24	34.3%	13:20:20
San Benito	0	0.0%	0:00:00
San Diego	1763	25.5%	748:37:14
San Francisco	0	0.0%	0:00:00
San Joaquin	0	0.0%	0:00:00
San Luis Obispo	23	2.3%	6:33:03
San Mateo	0	0.0%	0:00:00
Santa Barbara	0	0.0%	0:00:00
Santa Clara	179	13.0%	54:29:09
Santa Cruz	0	0.0%	0:00:00
Sierra-Sacramento Valley	0	0.0%	0:00:00
Solano	0	0.0%	0:00:00
Stanislaus County	55	12.3%	41:55:50
Tuolumne	0	0.0%	0:00:00
Ventura	0	0.0%	0:00:00
Yolo	0	0.0%	0:00:00
Statewide Total	2,570	18.8%	1099:44:26

All data represented in this report is sourced from CEMSI with a run date of April 30, 2024. CEMSI records are populated by participating EMS providers documented care in the pre-hospital setting through direct transmission into CEMSI or passed through their local EMS Agency (LEMSA). Not all EMS providers in all LEMSAs are CEMSI participants, therefore this report does not reflect 100% of EMS interactions and records meeting APOT criteria.

CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (January 2024)

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	2,611	32.4%	947:28:17
Central California	4,639	33.1%	1431:20:40
Coastal Valleys	132	4.0%	202:24:15
Contra Costa	2,485	33.4%	1968:17:51
El Dorado	57	5.1%	21:24:10
Imperial	100	11.5%	62:06:10
Inland Counties	3,011	29.2%	968:02:53
Kern	2,485	40.6%	933:23:32
Los Angeles	7,723	24.6%	4437:02:00
Marin	4	0.3%	73:44:13
Merced	501	27.9%	200:28:24
Monterey	64	4.2%	15:48:49
Mountain Counties	12	2.0%	3:26:13
Napa	17	1.9%	2:19:18
Northern California	7	1.6%	51:07:00
North Coast	7	0.6%	2:08:29
Orange	2,499	13.4%	1030:39:49
Riverside	3,730	24.4%	2090:32:58
Sacramento	4,237	36.4%	2100:07:47
San Benito	4	1.1%	1:18:00
San Diego	68	23.9%	28:33:48
San Francisco	2,194	29.7%	1143:57:49
San Joaquin	1,828	29.7%	704:53:42
San Luis Obispo	43	2.8%	12:13:14
San Mateo	74	1.8%	91:14:49
Santa Barbara	3	0.1%	0:06:35
Santa Clara	1,330	15.8%	481:43:16
Santa Cruz	50	3.9%	10:49:41
Sierra-Sacramento Valley	1,488	14.6%	889:25:59
Solano	132	4.9%	105:32:21
Stanislaus County	917	18.5%	488:55:42
Tuolumne	14	3.3%	3:10:45
Ventura	313	7.3%	277:30:56
Yolo	284	29.9%	110:49:36
Statewide Total	43,063	22.5%	20892:09:01

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CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (February 2024)

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	2,206	29.6%	694:34:03
Central California	2,982	32.8%	1695:18:07
Coastal Valleys	106	3.1%	172:15:24
Contra Costa	2,172	30.9%	922:58:09
El Dorado	60	5.8%	17:25:25
Imperial	71	8.6%	27:44:58
Inland Counties	2,440	27.2%	690:06:06
Kern	2,145	37.9%	797:34:36
Los Angeles	4,918	18.7%	2303:51:52
Marin	9	0.7%	0:58:59
Merced	504	29.4%	160:02:27
Monterey	35	2.7%	6:16:14
Mountain Counties	7	1.2%	3:20:50
Napa	19	2.4%	4:15:25
Northern California	6	1.9%	2:26:25
North Coast	4	0.4%	1:17:47
Orange	1,631	9.9%	550:00:09
Riverside	2,762	19.4%	1143:08:01
Sacramento	3,434	32.0%	2347:18:00
San Benito	3	1.1%	0:30:00
San Diego	1,066	20.7%	390:24:10
San Francisco	1,762	26.8%	1198:01:58
San Joaquin	1,383	24.6%	377:46:02
San Luis Obispo	9	0.6%	2:22:13
San Mateo	71	1.9%	67:37:13
Santa Barbara	5	0.2%	4:49:40
Santa Clara	973	12.4%	252:36:10
Santa Cruz	60	5.0%	9:17:28
Sierra-Sacramento Valley	1,116	12.1%	491:58:16
Solano	139	5.7%	1567:03:16
Stanislaus County	840	19.2%	403:22:25
Tuolumne	5	1.5%	1:43:48
Ventura	281	6.9%	221:50:07
Yolo	367	28.8%	119:36:05
Statewide Total	33,591	19.3%	16649:51:48

All data represented in this report is sourced from CEMSIIS with a run date of April 30, 2024. CEMSIIS records are populated by participating EMS providers documented care in the pre-hospital setting through direct transmission into CEMSIIS or passed through their local EMS Agency (LEMSA). Not all EMS providers in all LEMSAs are CEMSIIS participants, therefore this report does not reflect 100% of EMS interactions and records meeting APOT criteria.

CEMSIS Sourced Cumulative APOT Greater than 30 minutes by LEMSA (March 2024)

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	2,182	27.6%	627:38:59
Central California	4,290	31.5%	1301:48:13
Coastal Valleys	146	3.9%	161:48:48
Contra Costa	2,195	29.3%	1121:38:06
El Dorado	75	6.9%	20:43:53
Imperial	76	8.2%	56:06:41
Inland Counties	2,452	24.6%	768:00:32
Kern	2,022	35.4%	686:05:07
Los Angeles	5,019	18.7%	2198:52:32
Marin	8	0.6%	1:30:14
Merced	527	28.5%	190:42:39
Monterey	45	3.1%	10:07:13
Mountain Counties	20	2.8%	51:31:00
Napa	6	0.7%	2:09:31
Northern California	3	0.7%	0:46:03
North Coast	2	0.5%	23:34:13
Orange	1,438	8.2%	439:56:36
Riverside	2,799	18.3%	1211:23:08
Sacramento	3,359	30.9%	1657:48:10
San Benito	3	1.2%	0:22:56
San Diego	1,796	26.9%	995:06:32
San Francisco	1,653	24.1%	674:12:41
San Joaquin	1,270	21.5%	452:01:37
San Luis Obispo	26	1.8%	3:38:07
San Mateo	52	1.4%	20:11:20
Santa Barbara	9	0.4%	6:26:05
Santa Clara	1,033	13.0%	285:43:51
Santa Cruz	23	1.8%	3:33:44
Sierra-Sacramento Valley	985	10.1%	381:01:51
Solano	107	4.2%	166:12:56
Stanislaus County	552	15.7%	178:56:01
Tuolumne	11	2.7%	2:56:22
Ventura	324	7.6%	251:50:08
Yolo	227	25.8%	87:34:52
Statewide Total	34,735	18.7%	14042:00:41

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