

**Orange County Emergency Medical Services
Medical Health Operational Area Coordination (MHOAC)**

Online at: <http://www.healthdisasteroc.org/ems/archive>

09/23/20

OVERVIEW OF CURRENT SITUATION (09/23/20 0730) Source: Johns Hopkins University & Medicine <https://coronavirus.jhu.edu/map.html>

Cases / Deaths
 Worldwide: 31,666,012 / 972,100
 Nationwide: 6,899,272 / 200,893
 California: 793,786 / 15,210
 Orange County: 52,538 / 1,176 Source: [Orange County COVID-19 Case Counts & Testing Figures](#)

ORANGE COUNTY PUBLIC HEALTH (as of 09/23/20 1000)

<u>Orange County COVID-19 Summary*</u> <u>click for full details</u>	Sat 9/19/20	Sun 9/20/20	Mon 9/21/20	Tue 9/22/20	Wed 9/23/20	Thu 9/24/20	Fri 9/25/20
Cases Reported to Date	51,873	52,063	52,201	53,382	52,538		
Deaths Reported to Date	1,127	1,128	1,128	1,150	1,176		
Tests Reported Today	8,844	7,405	4,485	7,004	5,716		
Cumulative Tests to Date	786,298	793,703	798,188	805,192	810,908		
*Data posted is always preliminary & subject to change. More information may become available as individual case investigations are completed. LOCAL DATA MAY BE DIFFERENT FROM THE STATE WEBSITE DATA							

PUBLIC HEALTH UPDATE (09/23/20)

- California’s Blueprint for a Safer Economy is implemented with weekly updates on Tuesday. The 4-tier system has criteria for loosening and tightening restrictions on business sectors depending on which tier the county is placed based on indicators regarding the level of disease burden
- The four tiers include; purple for widespread transmission, red for substantial transmission, orange for moderate and yellow for minimal.
- Orange County has been in the red tier (substantial) effective September 8th. OC must remain in the red tier for at least 3 weeks before being eligible to move to a less restrictive tier, and must qualify for the less restrictive tier for two consecutive weeks before moving.
- Orange County currently meets the criteria for the less restrictive orange tier (moderate) but needs to continue to meet that criteria for two consecutive weeks before moving to the lower tier.
- The movement from purple to red and now showing metrics in the orange tier range reflective of disease transmission continuing to decline in recent weeks.
- With the declining disease burden, hospitalizations continue to trend downward with 170 COVID patients and 55 ICU patients reported on September 21st, both at the lowest counts since April.
- Based on current available data, Orange County continues to see good testing volume, with volume above the state threshold of 150 tests per day per 100,000; the most recent rate being 214 tests per day per 100,000 on September 23.
- This progress is very encouraging and as we move to less restrictive tiers, it becomes more and more essential that all OC residents and visitors consistently practice individual behaviors that mitigate disease transmission if we are to keep seeing encouraging trends;
 - Stay home as much as possible, especially high risk persons (65 or older, or underlying health conditions)
 - Stay home when sick
 - Isolation of cases and quarantine of all contacts (within 6 feet for 15 minutes or more)
 - Practice social distancing at all times; 6 feet or more
 - Wear face coverings when unable to maintain social distancing; high compliance is critical given asymptomatic transmission
 - Wash hands frequently
 - Avoid touching face
 - Disinfect frequently touched surfaces often

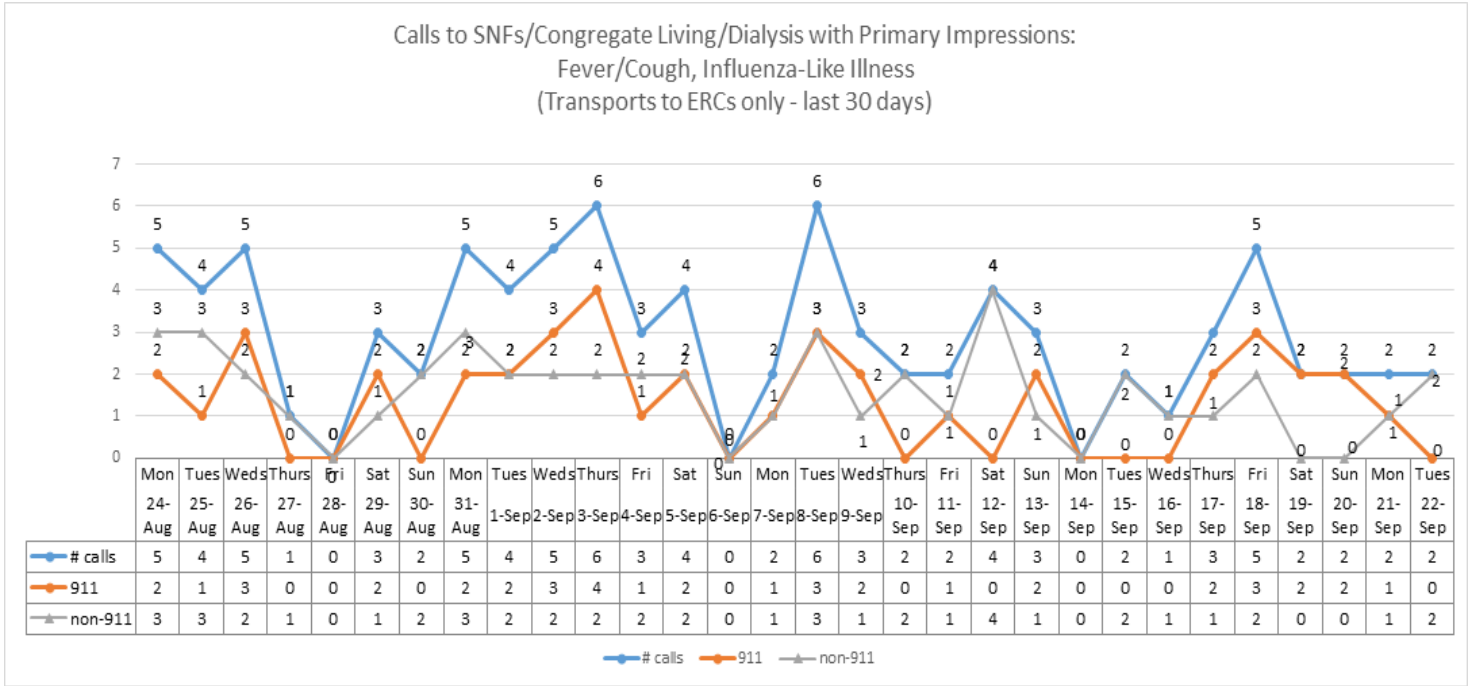
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SKILLED NURSING/ASSISTED LIVING/RESIDENTIAL CARE FACILITY – TRENDS

*Data Source: Orange County Medical Emergency Data System (OC-MEDS)



*Data Source: California Department of Public Health (CDPH)

Reporting Date: 9/22/20 (72/73 SNFs reported)	Skilled Nursing Facility PPE – DAYS ON HAND*			
	0 - 3 days	4 - 7 days	8-14 days	15+ days
N95 Masks	0	4	15	53
Surgical Masks	0	3	15	54
Eye Protection	0	4	15	53
Gowns	0	2	16	54
Gloves	0	2	18	52
Alcohol-Based Hand Sanitizer	0	4	14	54

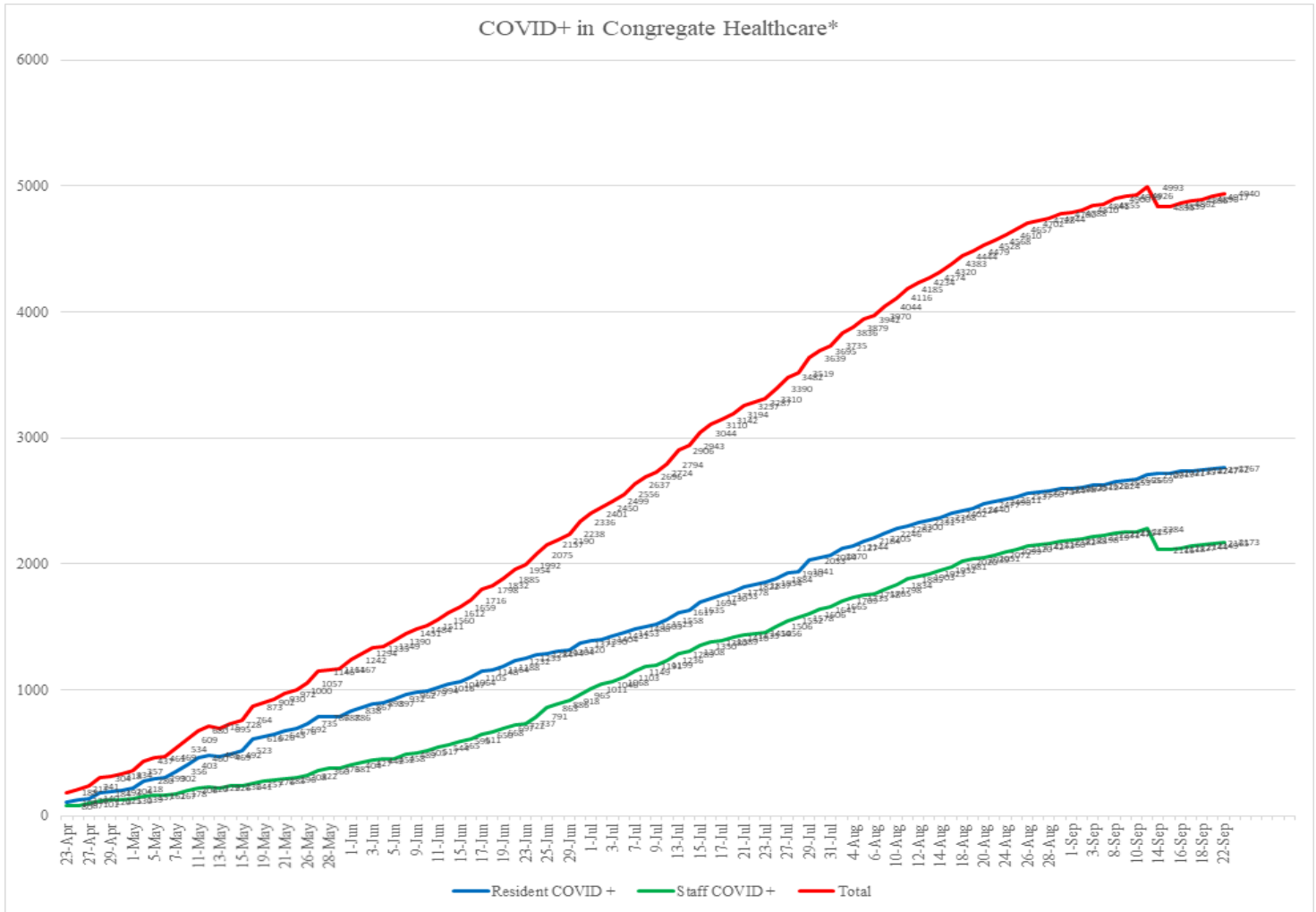
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*Data Source: Orange County Health Care Agency – Public Health

NOTE: Decrease in the COVID + in staff seen on graph is due to data being cleaned and removing duplicates of those that work in multiple OC facilities or are contract staff and care for residents at multiple facilities.



*Data Source: Orange County Health Care Agency – Public Health

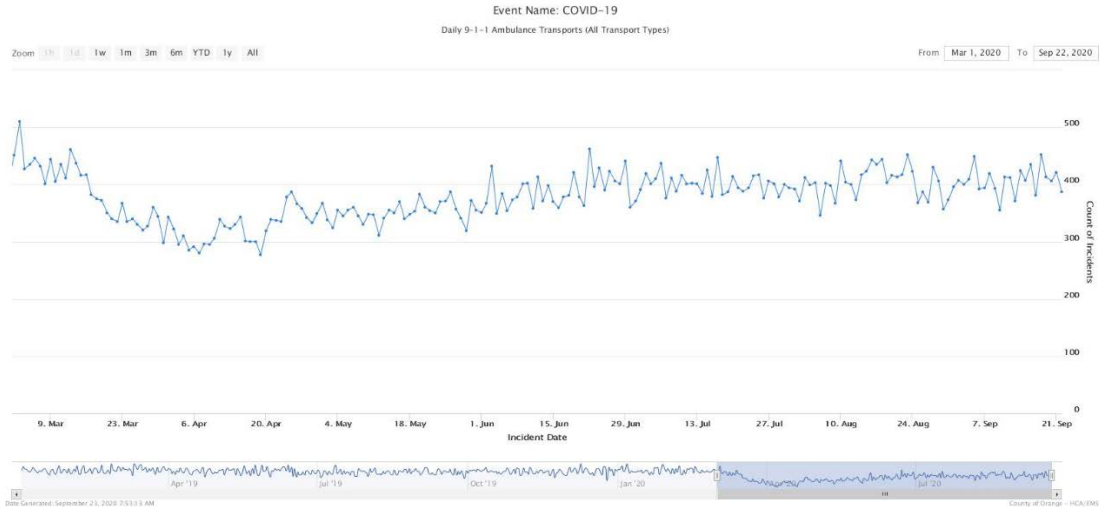
Current Facility Outbreaks (as of 9/22/20 1700)		
Facility Type by Licensing Category	#	An "Outbreak" is two (2) or more confirmed cases of COVID-19 in facility occurring within 14 days.
Skilled Nursing Facility	10	Alamitos West Health & Rehabilitation, Anaheim Healthcare Center, Llc, Anaheim Terrace Care Center, Garden Park Care Center, Greenfield Care Center Of Fullerton, Llc, Leisure Court Nursing Center, Palm Terrace Healthcare & Rehabilitation Center, St. Edna Subacute And Rehabilitation Center, Terrace View Care Center, The Pavilion At Sunny Hills
Elderly Assisted Living	3	Atria Del Sol, Park Regency Retirement Center, Walnut Village

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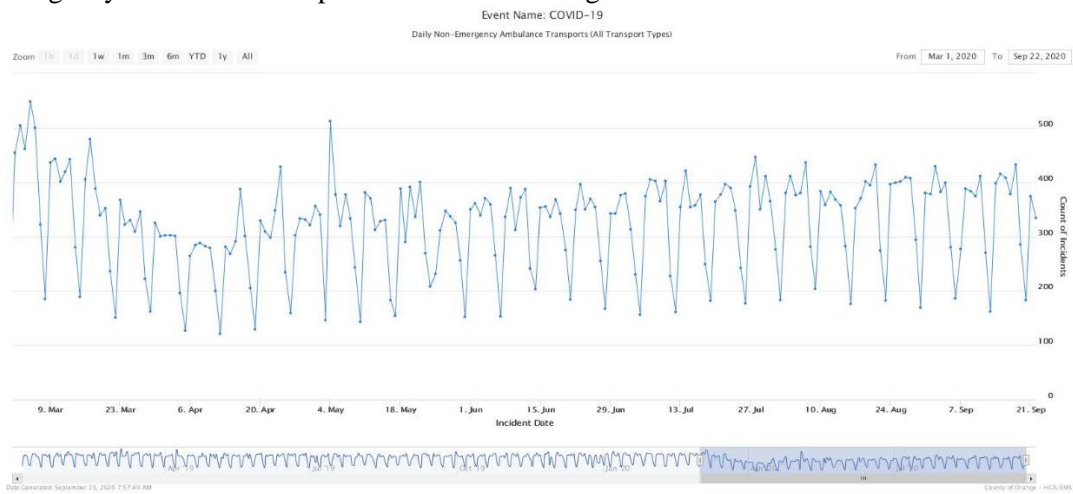
EMERGENCY MEDICAL SERVICES STATUS

*Data Source: Orange County Medical Emergency Data System (OC-MEDS)

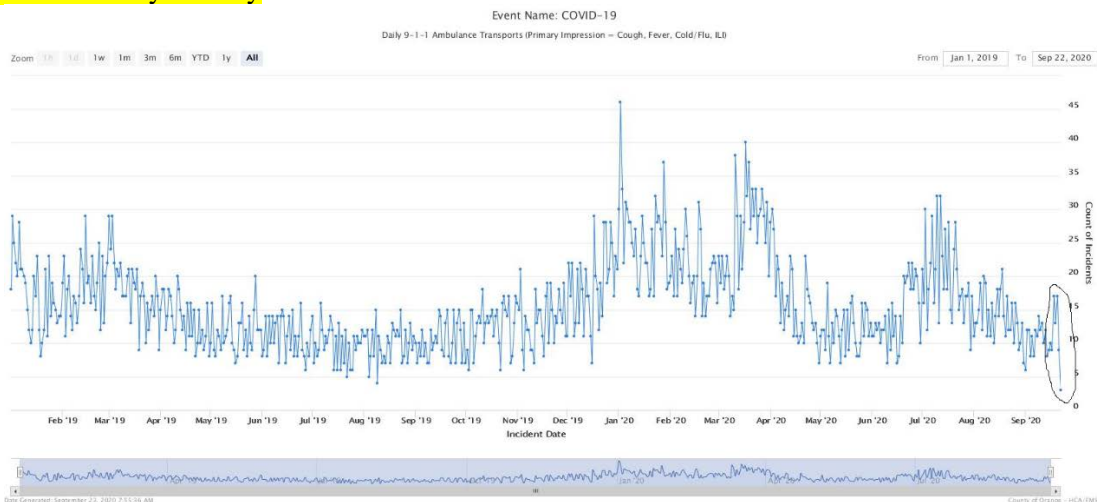
- 9-1-1 ambulance transport volume continues to average about 10-15% below normal.



- Non-emergency ambulance transports continue to average about 20-25% below normal.



- Primary Impressions of Cold/Flu/ILI by 9-1-1 EMS providers **increased slightly over the weekend and dropped below baseline yesterday.**



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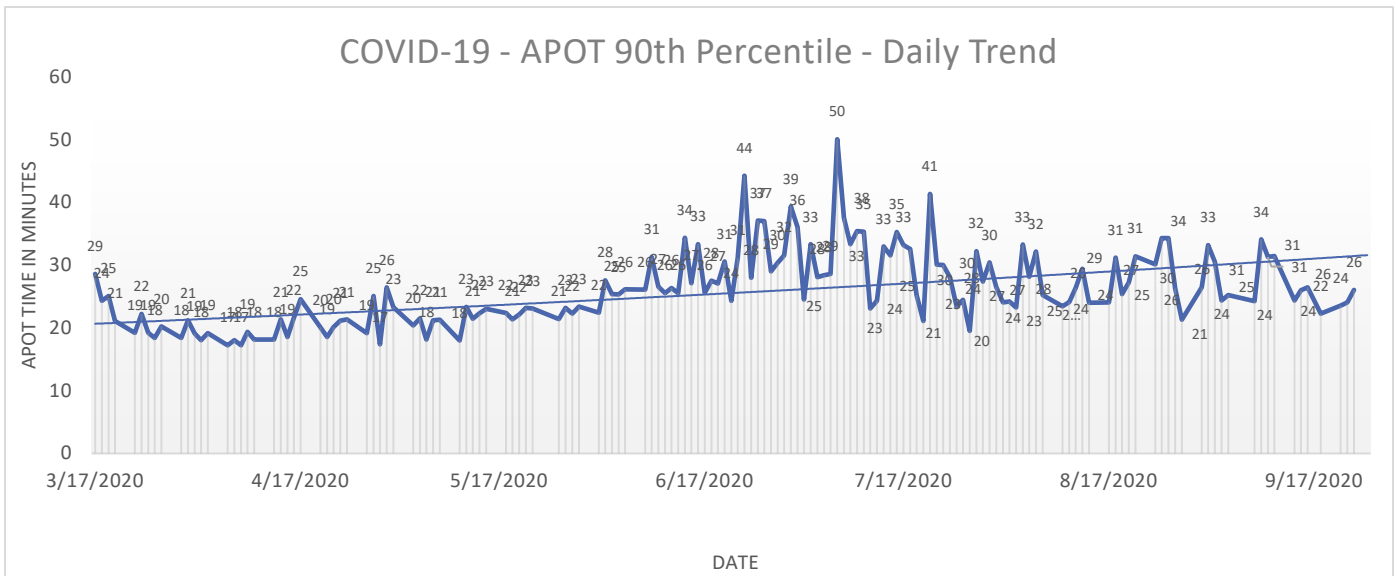
- Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: **Current Average APOT is: 13m56s / Current 90th Percentile APOT is: 26m03s**

The chart below displays a daily trend since the COVID-19 event began.

- Six (6) ERCs had APOT times greater than thirty (30) minutes.
- Two (2) ERCs had APOT times greater than sixty (60) minutes.

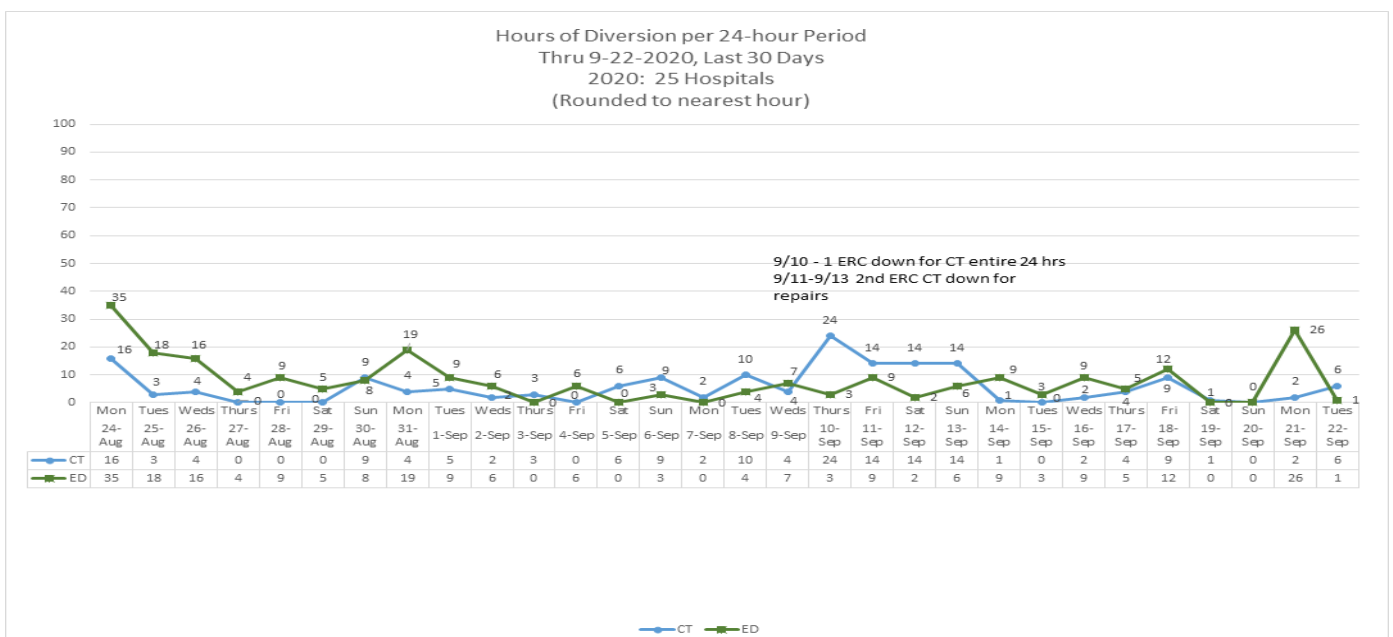
Note: a handful of ERCs were close to the 30 minute threshold, but were not over it.

*Data Source: Orange County Medical Emergency Data System (OC-MEDS)



- **Emergency Department (ED) Diversion & Computerized Tomography (CT) (ED closed to all ambulance transport due to no ED capacity or no CT available) for the last 30 days 8/24/20 – 9/22/20 below.**

*Data Source: ReddiNet



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(26): Anaheim Regional, Anaheim Global, Chapman Global, CHOC, CHOC at Mission, Foothill, Fountain Valley, Garden Grove, Hoag-Irvine, Hoag-Newport Beach, Huntington Beach, Kaiser-Anaheim, Kaiser-Irvine, La Palma, Los Alamitos, Mission –Laguna Beach, Mission-Mission Viejo, Orange Coast Memorial, Orange County Global, Placentia Linda, Saddleback Memorial, Saint Jude, South Coast Global, St. Josephs, UCI, West Anaheim

DATE	ALL HOSPITALS (33)						EMERGENCY RECEIVING CENTERS					
	Census ALL	Occupancy %	COVID+ Hospitalized	COVID+ ICU	% ICU Beds Available	% ICU Ventilators Available	Census ALL	Occupancy %	COVID+ Hospitalized	COVID+ ICU	% ICU Beds Available	% ICU Ventilators Available
9/2	3592	71%	272	79	30%	62%	3415	70%	272	79	30%	62%
9/3	3532	69%	264	77	33%	63%	3350	68%	264	77	33%	63%
9/4	3561	70%	274	83	33%	62%	3384	69%	274	83	33%	62%
9/5	3527	69%	253	77	33%	63%	3357	68%	253	77	33%	63%
9/6	3418	68%	238	75	34%	65%	3248	67%	238	75	34%	65%
9/7	3350	65%	242	70	33%	62%	3194	65%	242	70	33%	62%
9/8	3393	66%	234	62	33%	62%	3237	66%	234	62	33%	62%
9/9	3562	69%	239	64	33%	61%	3404	69%	239	64	33%	61%
9/10	3568	69%	223	65	34%	62%	3393	69%	223	65	34%	62%
9/11	3639	70%	215	65	35%	63%	3457	69%	215	65	35%	63%
9/12	3468	67%	196	58	34%	64%	3287	66%	196	58	34%	63%
9/13	3332	65%	193	56	35%	65%	3155	64%	193	56	35%	65%
9/14	3283	66%	201	67	40%	63%	3123	65%	201	67	40%	63%
9/15	3498	68%	202	67	34%	64%	3337	67%	202	67	34%	64%
9/16	3543	69%	198	64	37%	64%	3379	68%	198	64	37%	63%
9/17	3544	69%	201	64	35%	67%	3375	69%	201	64	35%	67%
9/18	3664	70%	202	65	34%	66%	3489	69%	202	65	34%	65%
9/19	3319	66%	170	55	36%	65%	3160	65%	170	55	36%	65%
9/20	3458	67%	178	64	34%	65%	3282	67%	178	64	34%	65%
9/21	3361	66%	175	55	36%	64%	3202	66%	175	55	36%	64%
9/22	3588	69%	175	51	35%	65%	3418	69%	175	51	35%	65%

*Data Source: California Department of Public Health (CDPH) – Snowflake server

*HHS significantly changed [reporting requirements](#) for hospitals effective 07/22/20.

Current data is posted on the CDPH website at:

<https://public.tableau.com/views/COVID-19HospitalsDashboard/Hospitals?%3Aembed=y&%3AshowVizHome=no>

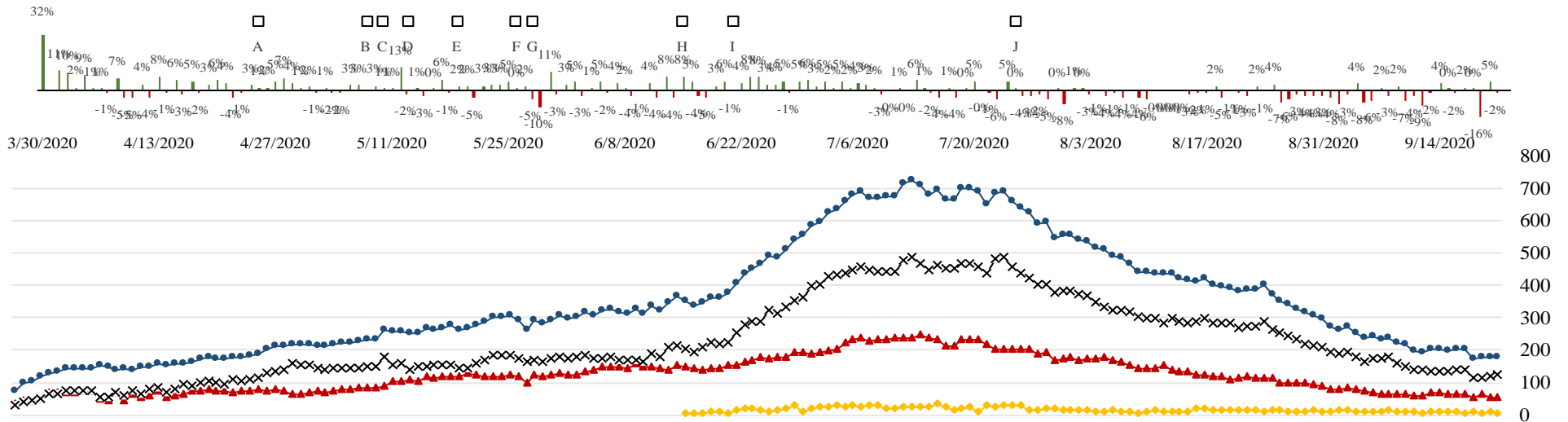
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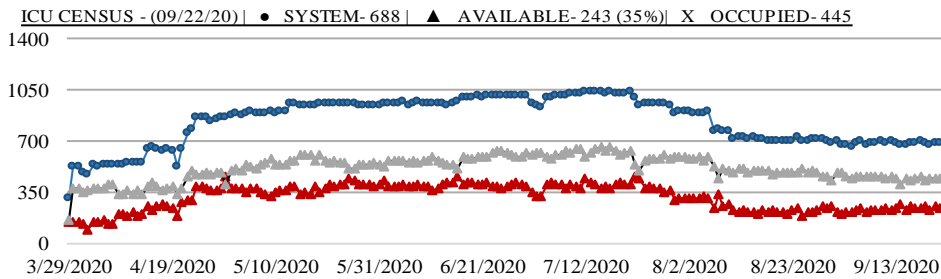
09/23/20

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

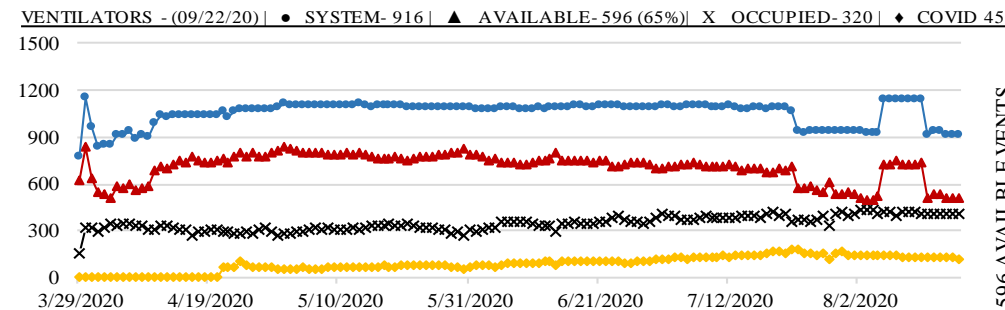
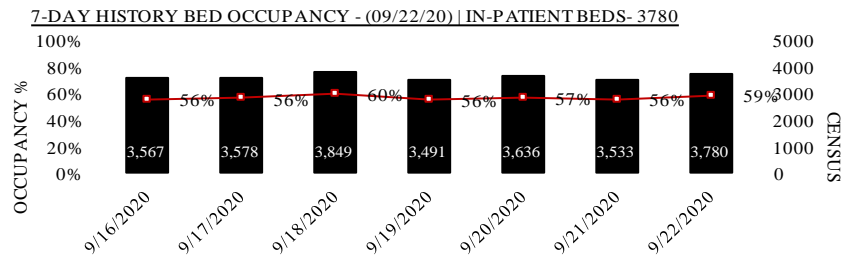
NON-ICU - 09/22/20 X			ICU - 09/22/20 ▲			ED OVERFLOW - 09/22/20 ◆			SYSTEM - 09/22/20 ●			1 DAY +/- (09/21/20)			3 DAY +/- (09/20/20)			7 DAY +/- (09/16/20)		
124	4	3.3%	51	-4	-7.3%	3	-5	-62.5%	175	0	0.0%	175	0	0.0%	178	-3	-1.7%	198	-23	-11.6%
			▼			▼									▼					



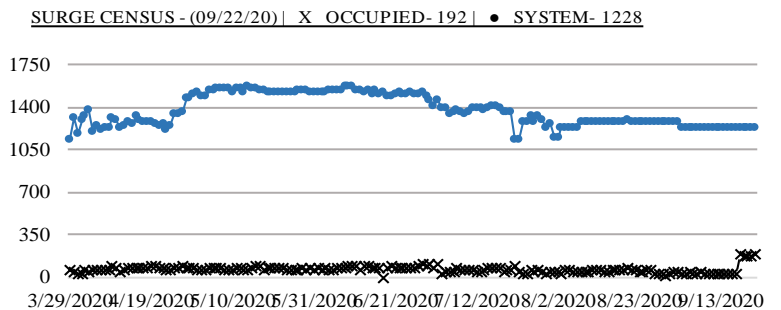
A. Face Covers Mandatory, B. Cinco de Mayo, C. OC Beaches Open, D. Mom's Day, E. OC Parks Parking Open, F. OC Stage 2 Approved, G. Memorial Day, H. Re-open entertainment, etc., I. CA Gov. Mask Mandate, J. Changes to data collection, Federal



243 AVAILABLE ICU
35%



596 AVAILABLE VENTS
65%

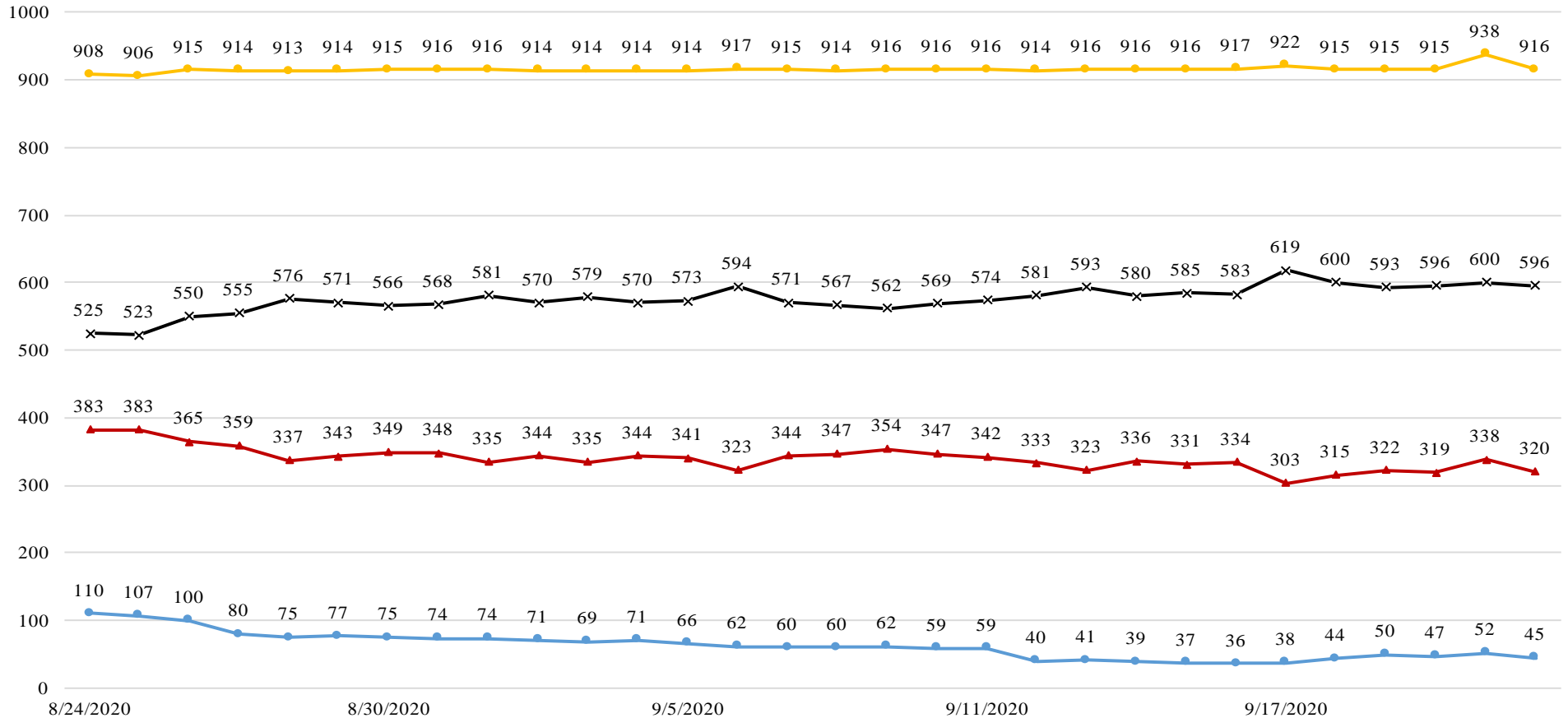


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COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)
VENTILATORS IN USE (08/24/20 - 09/22/20) | 33 ACUTE CARE FACILITIES REPORTING



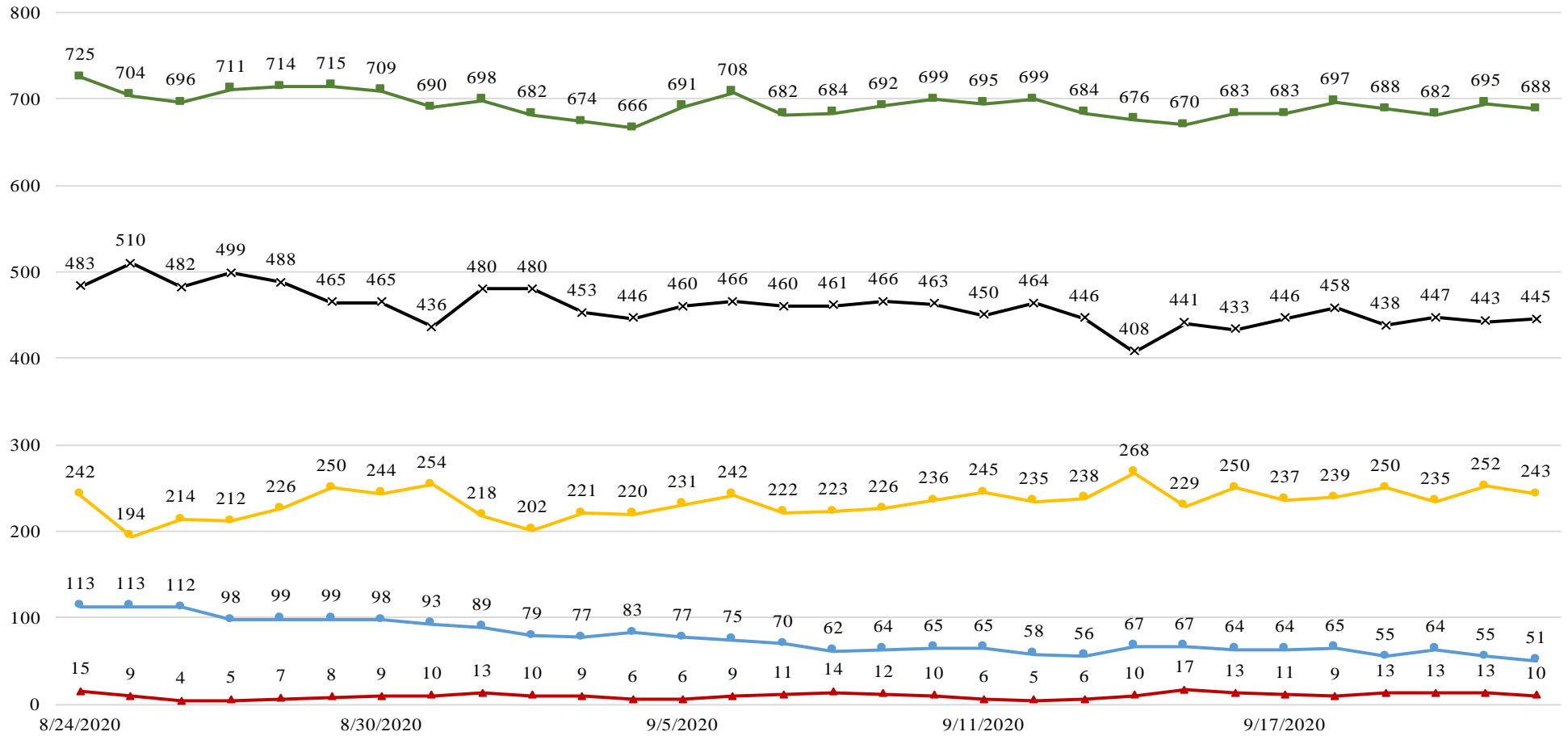
DATE	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22	
COVID+ ●	110	107	100	80	75	77	75	74	74	71	69	71	66	62	60	60	62	59	59	40	41	39	37	36	38	44	50	47	52	45	
SYSTEM OCC ▲	383	383	365	359	337	343	349	348	335	344	335	344	341	323	344	347	354	347	342	333	323	336	331	334	303	315	322	319	338	320	
SYSTEM AVL X	525	523	550	555	576	571	566	568	581	570	579	570	573	594	571	567	562	569	574	581	593	580	585	583	619	600	593	596	600	596	
SYSTEM TTL ◆	908	906	915	914	913	914	915	916	916	914	914	914	914	917	915	914	916	916	916	916	914	916	916	916	917	922	915	915	915	938	916

COVID+ = CONFIRMED AND SUSPECTED PATIENTS ON A VENTILATOR
 *OCC = VENTILATORS IN USE, INCLUDING COVID+ PATIENTS AND OTHER VENT PATIENTS
 **AVL = AVAILABLE NON SURGE ICU BEDS
 ***TTL = TOTAL NON SURGE ICU BEDS

****CDPH updated how PPE and ventilator supplies are counted on 8/13/20.**

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

ICU BEDS (08/24/20 - 09/22/20) | 33 ACUTE CARE FACILITIES REPORTING



DATE	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18	9/19	9/20	9/21	9/22
CONFIRMED	113	113	112	98	99	99	98	93	89	79	77	83	77	75	70	62	64	65	65	58	56	67	67	64	64	65	55	64	55	51
SUSPECTED	15	9	4	5	7	8	9	10	13	10	9	6	6	9	11	14	12	10	6	5	6	10	17	13	11	9	13	13	10	
OCCUPIED	483	510	482	499	488	465	465	436	480	480	453	446	460	466	460	461	466	463	450	464	446	408	441	433	446	458	438	447	443	445
SYSTEM AVL	242	194	214	212	226	250	244	254	218	202	221	220	231	242	222	223	226	236	245	235	238	268	229	250	237	239	250	235	252	243
SYSTEM TTL	725	704	696	711	714	715	709	690	698	682	674	666	691	708	682	684	692	699	695	699	684	676	670	683	683	697	688	682	695	688

*AVL = AVAILABLE NON SURGE ICU BEDS. PRIOR TO 7/22 DEFINITION DID NOT EXCLUDE NONSURGE.
 **TTL = TOTAL NON SURGE ICU BEDS. PRIOR TO 7/22 DEFINITION DID NOT EXCLUDE NONSURGE.

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- *Data Source: California Department of Public Health (CDPH) – Snowflake server
- *HHS significantly changed [reporting requirements](#) for hospitals effective 07/22/20.
- **CDPH updated how PPE and ventilator supplies are counted on 8/13/20. Count of PAPRs are no longer available. This table has been updated based on data provided by hospitals using the new HHS data standards

Reporting Date: 9/21/20* (33/33 ACHs reported)	Acute Care Hospital PPE / Ventilator Supplies – DAYS ON HAND					
	30 days +	15-30 days	7-14 days	4-6 days	0-3 days	Not Reported
Ventilator Supplies**	2	5	12	2	1	11
N95 Masks**	15	7	4	1	0	6
Surgical Masks**	13	6	7	1	0	6
Face Shields**	13	5	7	0	1	7
Gloves**	6	10	9	1	2	5
Gowns**	10	7	8	1	1	6

*Data Source: ReddiNet

Reported Service Category Status Acute Care Hospitals w/ Emergency Departments (#25) Updated 9/23/20		
Status Item	Yes	%
Command Center Activated	11	44%
Surge Plan Activated	9	36%
Canceled Procedures/Services	4	16%
Supply Issues	6	24%
CDPH Flex	11	44%
Increased Morgue Capacity	15	60%

AGENCY OPERATIONS CENTER / LOGISTICS SECTION

- AOC Activated at Level II; Hours of Operation Mon & Thurs 0900-1600; Warehouse Ops M-F 0900-1600
- Beginning the week of Sept. 28, 2020; The AOC will be activated at Level II on Mondays only - 0900-1600; Warehouse Ops will continue M-F - 0900-1600.
- SCARCE Resources: Gloves, Wipes

Total Activity – Updated 09/21/20		
INQUIRIES	RR RECEIVED	RR FILLED
14,619 +62	7,929 + 31	6,135 +51
Total Denied Requests: 695 / Total Redacted Requests: 511		

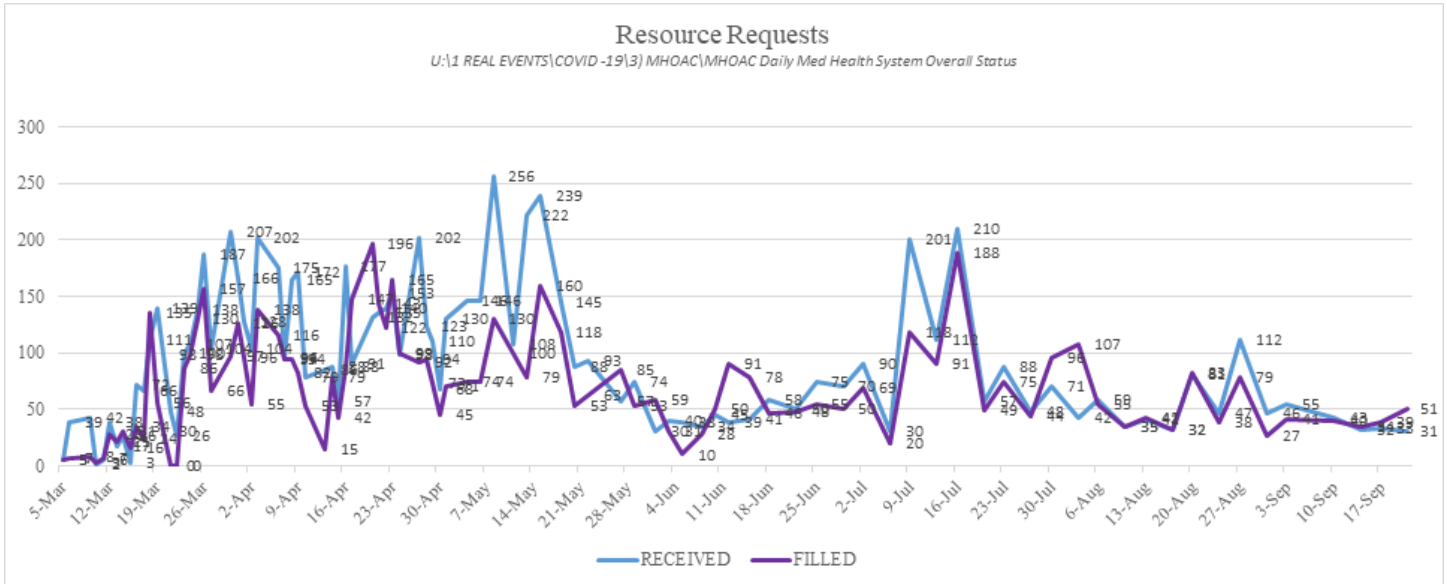
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Logistics Daily Units Distributed 09-21-20	
N95 Mask	54,200
Surgical Mask	11,250
Gown	2,115
Gloves	81,100
Face Shields/Eye Protection	96
Hand Sanitizer	0
Other	9,542
Total Units	158,303

Inventory Report February 18 to September 21, 2020	
Medical Supply/Equipment Total Units Distributed	
N95 Mask	4,648,450
Surgical Mask	1,450,205
Gowns	1,632,791
PPE-Suit	17,955
Gloves	2,445,750
Eye Protection	289,347
Hand Sanitizer	305,749
Other Items	863,016
Total Units	11,653,263



ALTERNATE CARE SITE

*Site open indefinitely to support hospital/SNF decompression

*Data Source: ReddiNet

Fairview (COVID-19 +)		
Patient Census (as of 9/23/2020 07:30)	CURRENT	TOTAL
Orange County	1	76
Los Angeles County	3	36
San Diego County	0	1
Ventura County	1	2
Total patients CENSUS / TOTAL ACCEPTED	5	115
Patients Discharged		TOTAL
AMA		5
DISCHARGED		105
TRANSFERRED		0