

**Orange County Emergency Medical Services
Medical Health Operational Area Coordination (MHOAC)**
Online at: <http://www.healthdisasteroc.org/ems/archive>
12/02/20

OVERVIEW OF CURRENT SITUATION (12/02/20 1330) Source: Johns Hopkins University & Medicine <https://coronavirus.jhu.edu/map.html>

Cases / Deaths
 Worldwide: 64,304,732 / 1,488,513
 Nationwide: 13,869,361 / 272,552
 California: 1,257,483 / 19,339
 Orange Co: 80,551 / 1,578 Source: [Orange County COVID-19 Case Counts & Testing Figures](#)

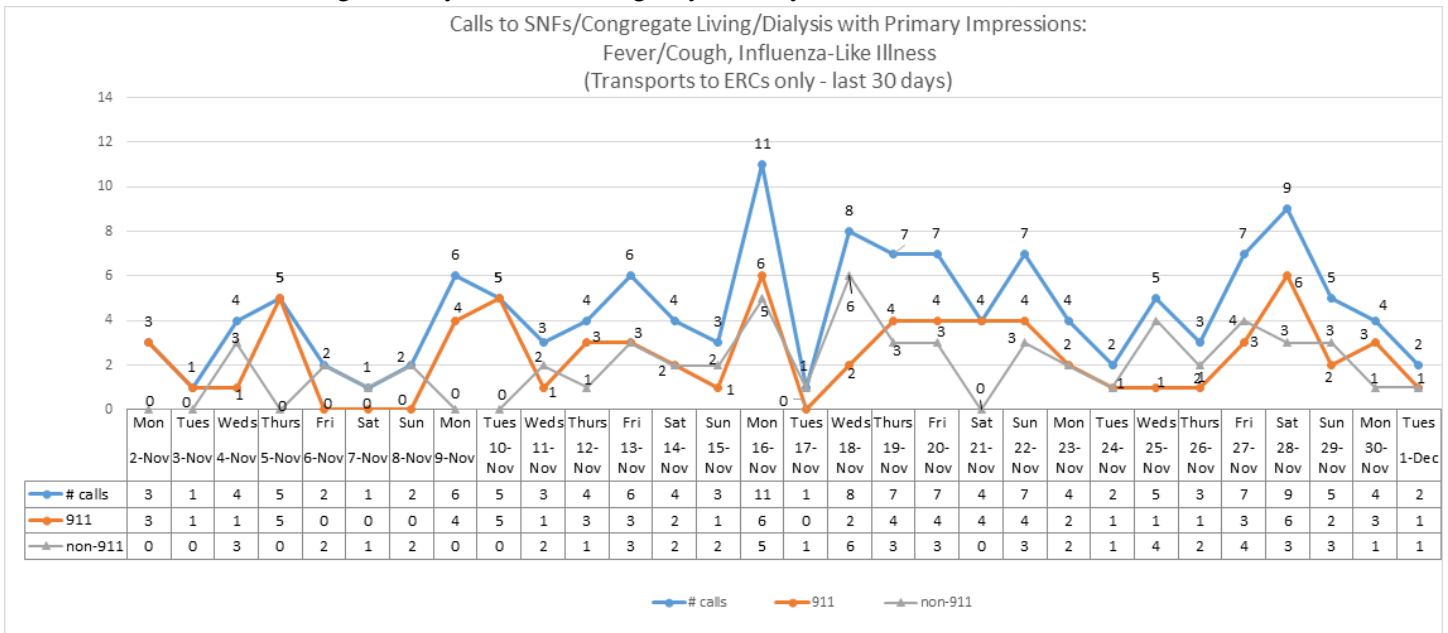
ORANGE COUNTY PUBLIC HEALTH (as of 12/02/20 1000)

Orange County COVID-19 Summary* click for full details	Sat 11/28/20	Sun 11/29/20	Mon 11/30/20	Tue 12/01/20	Wed 12/02/20	Thu 12/03/20	Fri 12/04/20
Cases Reported to Date	76,761	77,819	78,553	79,343	80,551		
Deaths Reported to Date	1,577	1,577	1,577	1,577	1,578		
Tests Reported Today	11,017	8,037	7,015	17,236	12,851		
Cumulative Tests to Date	1,437,146	1,445,183	1,452,198	1,469,434	1,482,285		

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*

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: 12/01/20 (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	5	14	53
Surgical Masks	0	4	11	57
Eye Protection	0	4	13	55
Gowns	0	5	9	58
Gloves	0	7	12	53
Alcohol-Based Hand Sanitizer	0	4	13	55

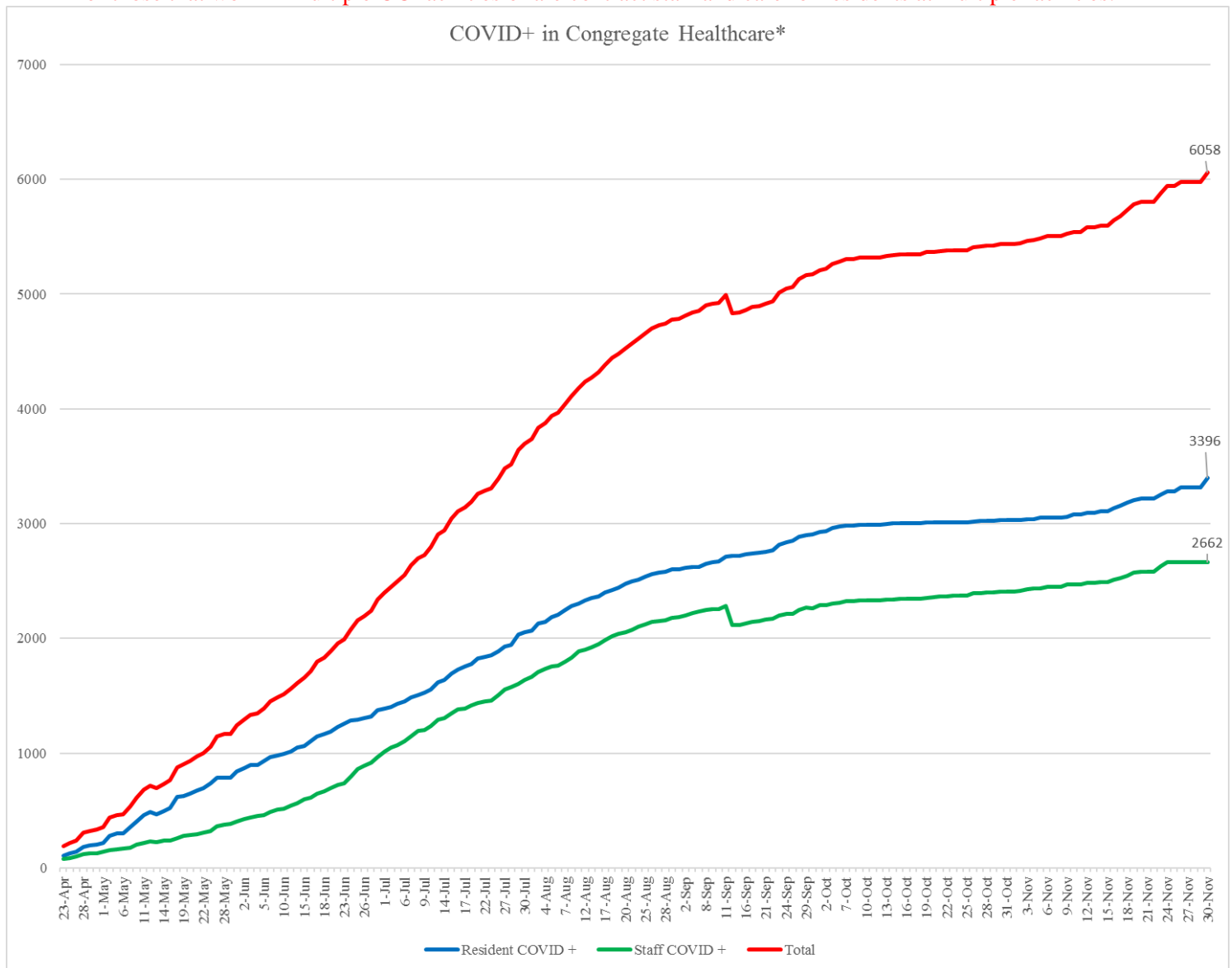
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*Data Source: Orange County Health Care Agency – Public Health

****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 12/01/20 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	22	Advanced Rehab Center Of Tustin, Buena Park Nursing Center, Coventry Court Health Center, Freedom Village Healthcare Center, Gordon Lane Care Center, Harbor Villa Care Center, La Habra Convalescent Hospital, Laguna Hills Health And Rehabilitation Center, Mainplace Post Acute, Manorcare Health Services (Fountain Valley), New Orange Hills, Newport Nursing And Rehabilitation Center, Pacific Haven Subacute And Healthcare Center, Parkview Healthcare Center, Regents Point – Windcrest, Sea Cliff Healthcare Center, South Coast Post Acute, Stanley Healthcare Center, Terrace View Care Center, The Pavilion At Sunny Hills, Town And Country Manor, Windsor Gardens Convalescent Center Of Anaheim
Elderly Assisted Living	17	Aegis Assisted Living Of Dana Point, Arbor Palms Of Anaheim, Beach Homes Ii, Beach Homes Iii, Brookdale Irvine, Brookdale San Juan Capistrano (Alf), Ck Homes/Neptune, Cottages At Artesia Gardens, The Katella Senior Living Community Pearl Gardens, Meadowlark Gardens Ii, Pacifica Senior Living Newport Mesa, Regency, The, Regents Point (Alf), Regents Point (Mcu), Rowntree Gardens, San Clemente Villas By The Sea, Sunrise Villa Bradford

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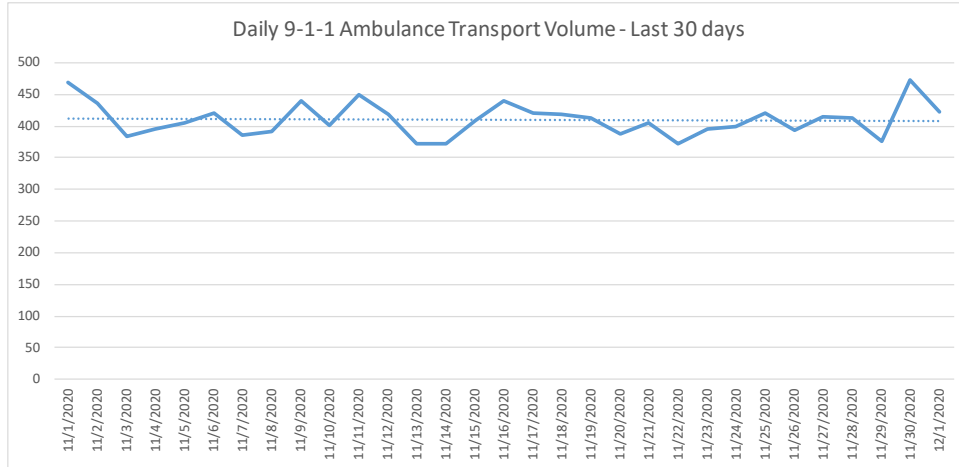
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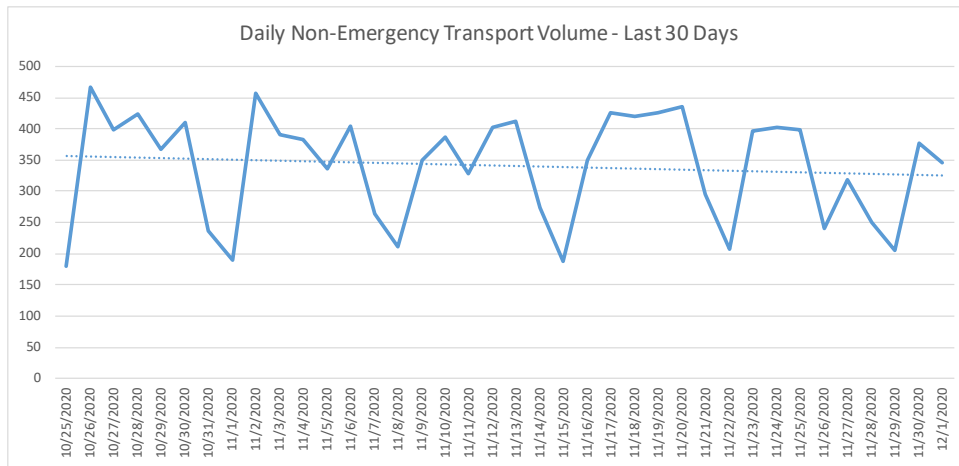
EMERGENCY MEDICAL SERVICES STATUS

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

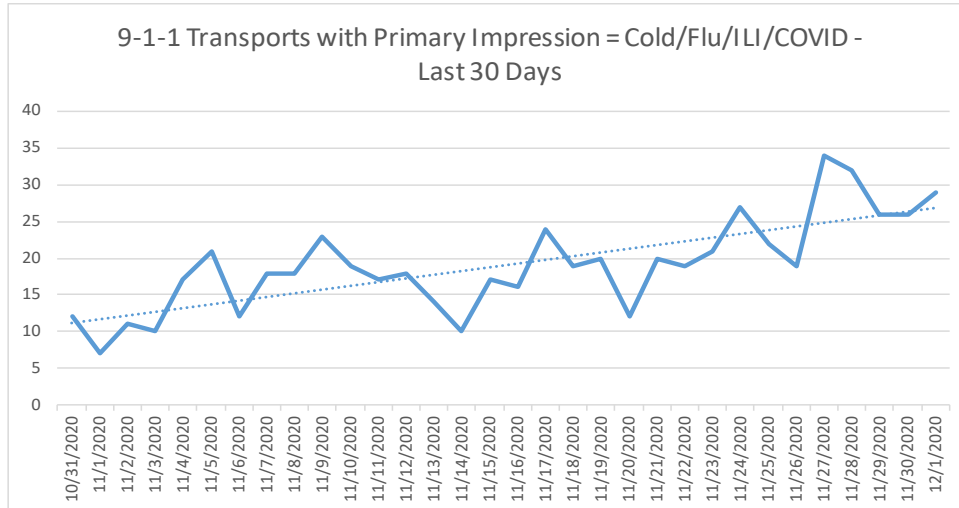
- 9-1-1 ambulance transport volume was higher the last couple days, but have been somewhat lower over the last 30 days. It is about 10% below normal (pre-COVID) levels



- Non-emergency ambulance transports were significantly lower this week (possibly due to the holiday). They are averaging about 15-20% below normal (pre-COVID) levels overall



- Primary Impressions of Cold/Flu/ILI by 9-1-1 EMS providers have increased sharply over the last few days.



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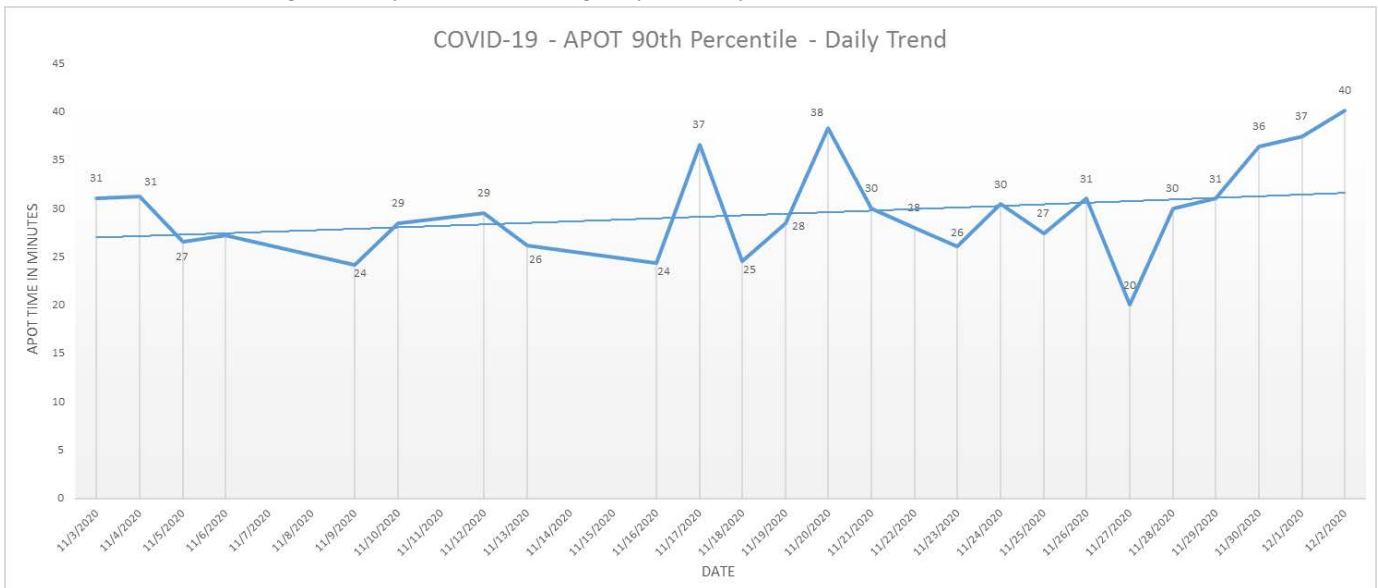
- Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: **Current Average APOT is: 21m12s / Current 90th Percentile APOT is: 40m14s**

The chart below displays a daily trend over the last 30 days.

- Fourteen (14) ERCs had APOT times greater than thirty (30) minutes.
- Five (5) ERC had APOT times greater than sixty (60) minutes.

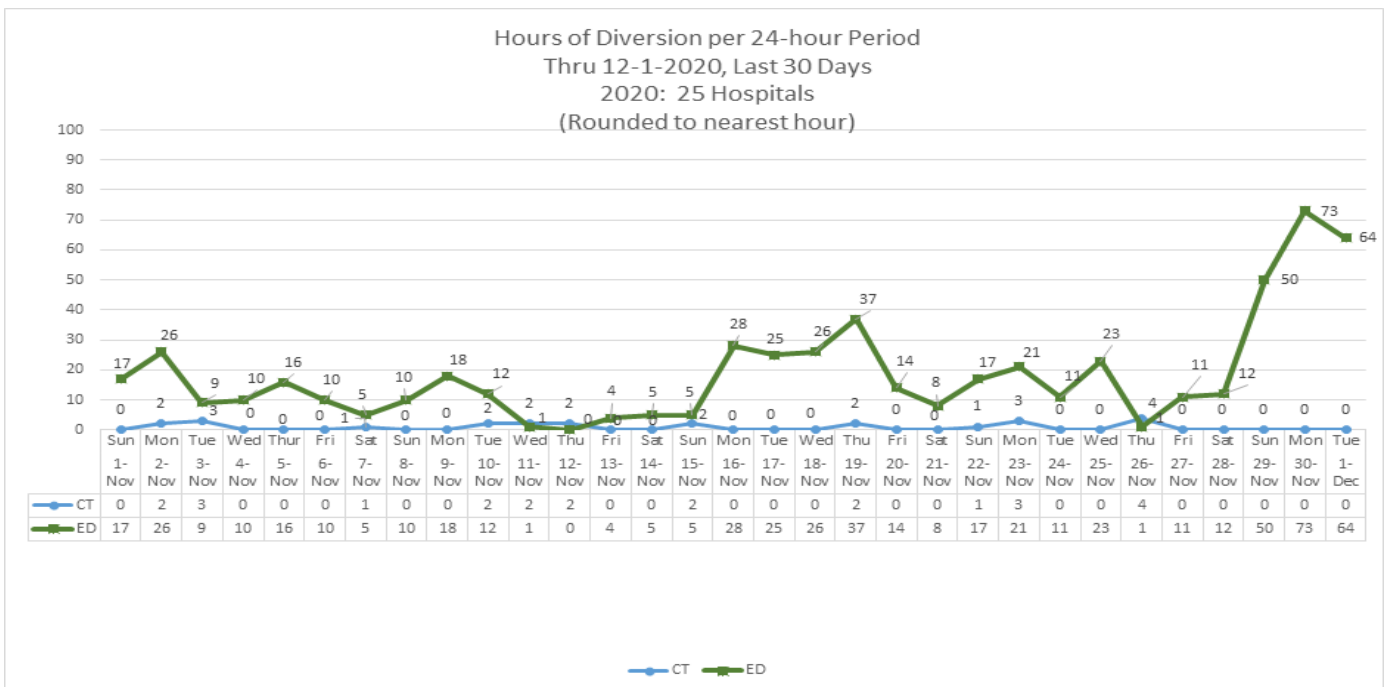
Note: a handful of ERCs were close to the 30 minute threshold, but were not over it.

*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 11/01/20 – 12/01/20 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

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

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
11/10	3638	67%	244	83	35%	63%	3482	66%	244	83	35%	63%
11/11	3668	68%	251	89	35%	64%	3503	67%	251	89	35%	64%
11/12	3705	69%	244	95	34%	64%	3541	68%	244	95	34%	64%
11/13	3644	67%	235	90	34%	65%	3474	67%	235	90	34%	64%
11/14	3459	64%	242	90	36%	65%	3277	63%	242	90	36%	65%
11/15	3380	63%	257	85	36%	65%	3213	63%	257	85	36%	65%
11/16	3350	63%	270	79	36%	64%	3193	62%	270	79	36%	64%
11/17	3654	67%	291	90	33%	65%	3495	67%	291	90	33%	65%
11/18	3653	67%	304	83	35%	65%	3492	67%	304	83	35%	65%
11/19	3641	67%	333	102	34%	65%	3464	67%	333	102	34%	65%
11/20	3723	68%	365	88	36%	66%	3554	68%	365	88	36%	66%
11/21	3604	68%	380	91	39%	67%	3440	67%	380	91	39%	67%
11/22	3524	66%	428	105	38%	66%	3365	66%	428	105	38%	66%
11/23	3546	67%	463	116	35%	66%	3377	66%	463	116	35%	66%
11/24	3699	68%	479	115	38%	64%	3529	67%	479	115	38%	64%
11/25	3652	69%	499	130	34%	65%	3494	68%	499	130	34%	65%
11/26	3539	66%	506	139	33%	64%	3382	66%	506	139	33%	64%
11/27	3412	65%	534	138	33%	63%	3252	64%	534	138	33%	63%
11/28	3461	68%	583	142	33%	62%	3296	67%	583	142	33%	61%
11/29	3460	64%	607	146	34%	64%	3418	64%	607	146	34%	64%
11/30	3561	68%	648	158	30%	60%	3402	67%	648	158	30%	60%
12/1	3894	71%	689	171	27%	59%	3726	71%	688	171	27%	59%

**Current Snowflake Data Dictionary may be found at:

https://www.calhospital.org/sites/main/files/file-attachments/data_dictionary_cha_covid_tracker_4-17-20.pdf

***CDPH also posts hospital bed counts at:

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

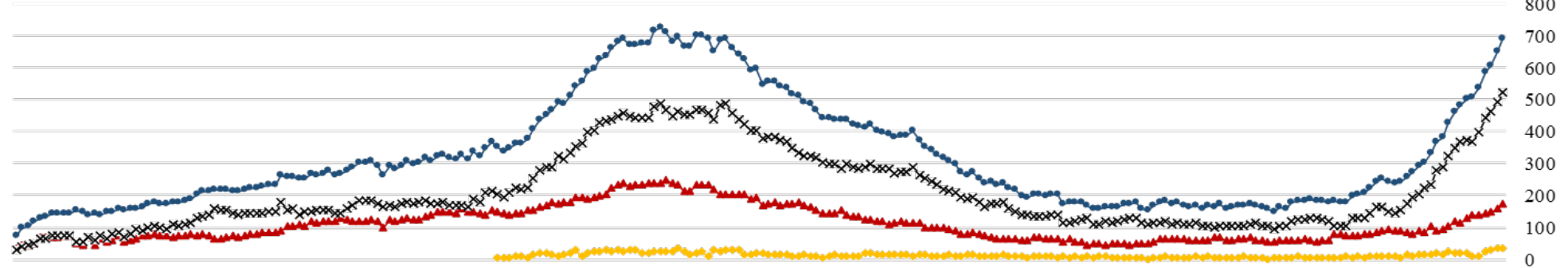
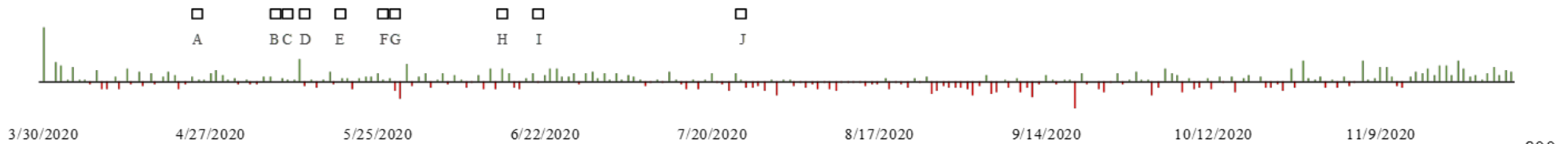
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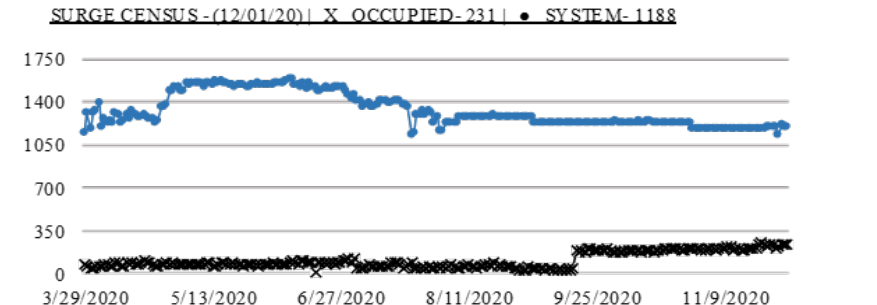
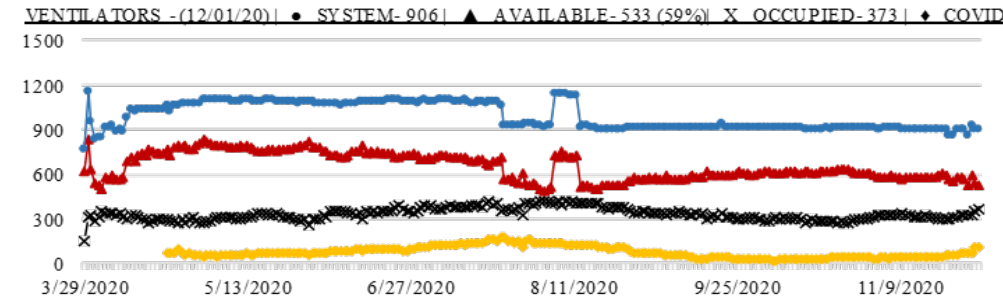
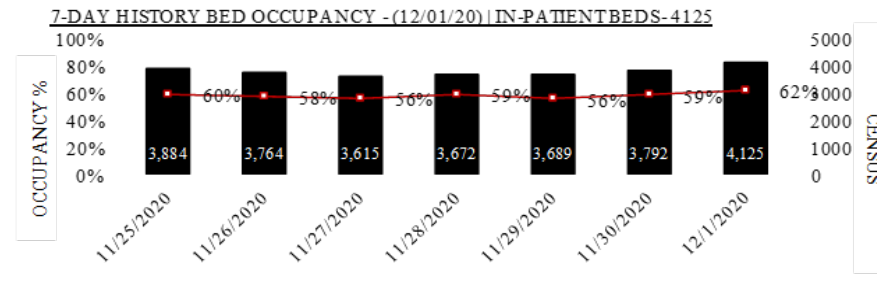
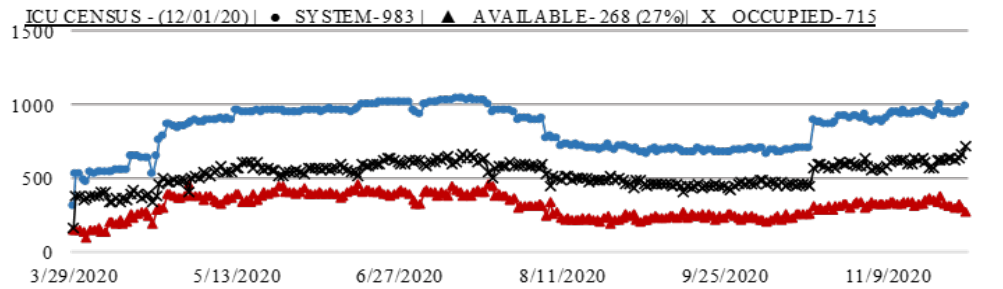
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COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

NON-ICU - 12/01/20 X			ICU - 12/01/20 ▲			ED OVERFLOW - 12/01/20 ▼			SYSTEM - 12/01/20 ●			1 DAY +/- (11/30/20)			3 DAY +/- (11/29/20)			7 DAY +/- (11/25/20)		
518	28	5.7%	171	13	8.2%	33	-2	-5.7%	689	41	6.3%	689	41	6.3%	607	82	13.5%	499	190	38.1%
▲			▲			▼			▲			▲			▲					



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

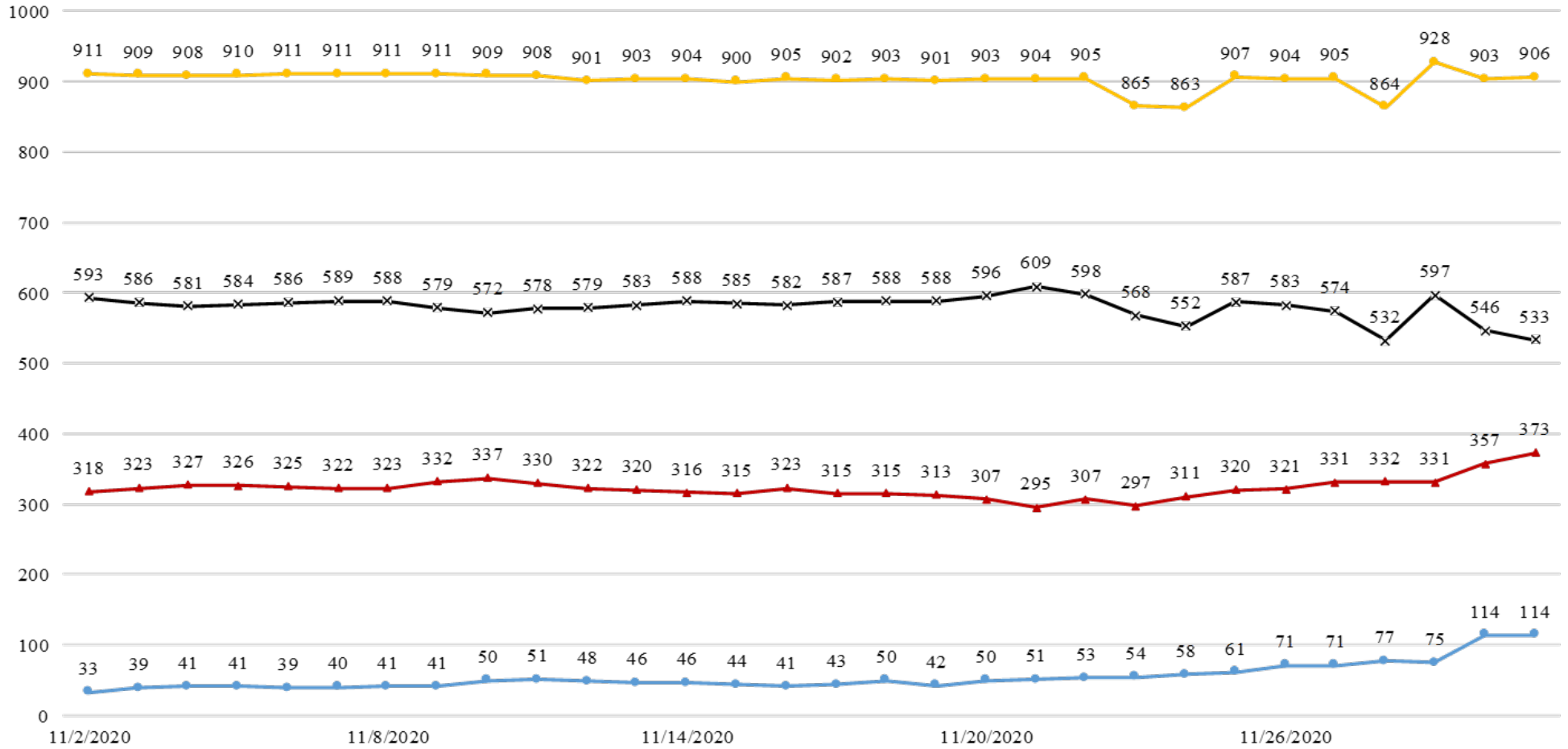


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COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER) VENTILATORS IN USE (11/02/20 - 12/01/20) | 33 ACUTE CARE FACILITIES REPORTING



DATE	11/2	11/3	11/4	11/5	11/6	11/7	11/8	11/9	11/10	11/11	11/12	11/13	11/14	11/15	11/16	11/17	11/18	11/19	11/20	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1
COVID+ SYSTEM OCC	33	39	41	41	39	40	41	41	50	51	48	46	46	44	41	43	50	42	50	51	53	54	58	61	71	71	77	75	114	114
SYSTEM AVL	318	323	327	326	325	322	323	332	337	330	322	320	316	315	323	315	315	313	307	295	307	297	311	320	321	331	332	331	357	373
SYSTEM TTL	593	586	581	584	586	589	588	579	572	578	579	583	588	585	582	587	588	588	596	609	598	568	552	587	583	574	532	597	546	533
SYSTEM TTL	911	909	908	910	911	911	911	911	909	908	901	903	904	900	905	902	903	901	903	904	905	865	863	907	904	905	864	928	903	906

COVID+ = CONFIRMED AND SUSPECTED PATIENTS ON A VENTILATOR

*OCC = VENTILATORS IN USE, INCLUDING COVID+ PATIENTS AND OTHER VENT PATIENTS

**AVL = AVAILABLE VENTILATORS IN SYSTEM

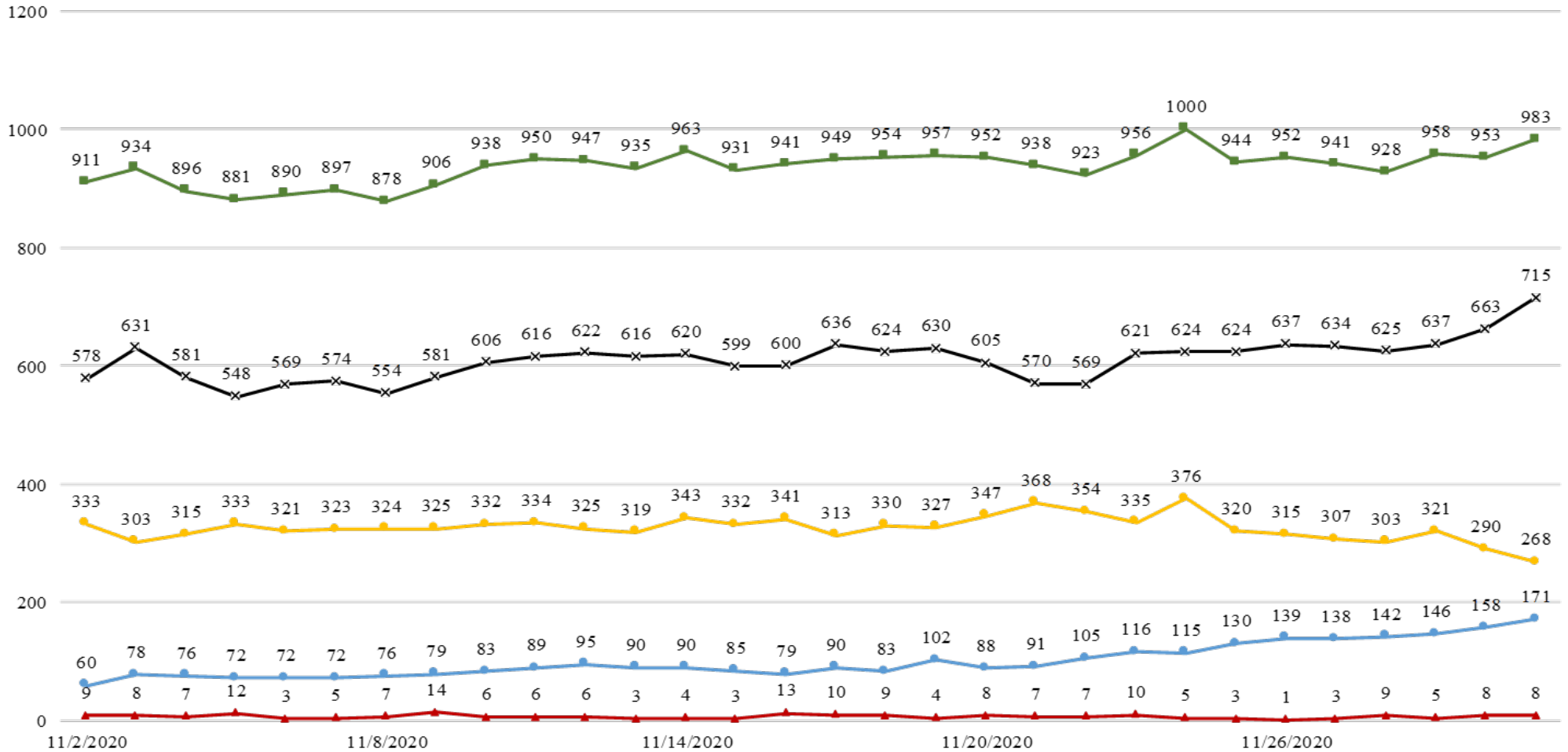
***TTL = TOTAL VENTILATORS IN SYSTEM

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COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER) ICU BEDS (11/02/20 - 12/01/20) | 33 ACUTE CARE FACILITIES REPORTING



DATE	11/2	11/3	11/4	11/5	11/6	11/7	11/8	11/9	11/10	11/11	11/12	11/13	11/14	11/15	11/16	11/17	11/18	11/19	11/20	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1
CONFIRMED	60	78	76	72	72	72	76	79	83	89	95	90	90	85	79	90	83	102	88	91	105	116	115	130	139	138	142	146	158	171
SUSPECTED	9	8	7	12	3	5	7	14	6	6	6	3	4	3	13	10	9	4	8	7	7	10	5	3	1	3	9	5	8	8
OCCUPIED	578	631	581	548	569	574	554	581	606	616	622	616	620	599	600	636	624	630	605	570	569	621	624	624	637	634	625	637	663	715
SYSTEM AVL	333	303	315	333	321	323	324	325	332	334	325	319	343	332	341	313	330	327	347	368	354	335	376	320	315	307	303	321	290	268
SYSTEM TTL	911	934	896	881	890	897	878	906	938	950	947	935	963	931	941	949	954	957	952	938	923	956	1000	944	952	941	928	958	953	983

*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.
 *** AS OF 10/20/2020 SPIKE IN SYSTEM TTL, OCCUPIED AND AVAILABLE DUE TO CHANGE IN CHOC ORANGE REPORTED VALUES.

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Reporting Date: 11/29/20* (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**	7	6	13	2	2	3
N95 Masks**	19	8	2	1	0	3
Surgical Masks**	20	5	4	1	0	3
Face Shields**	17	4	8	0	1	3
Gloves**	14	4	11	1	0	3
Gowns**	13	9	7	1	0	3

*Data Source: ReddiNet

Reported Service Category Status Acute Care Hospitals w/ Emergency Departments (#25) Updated 12/02/20 <i>**NOTE**: 22 of 25 EDs Responded</i>		
Status Item		
Command Center Activated	11	44%
Surge Plan Activated	15	60%
Canceled Procedures/Services	4	16%
Supply Issues	8	32%
CDPH Flex	11	44%
Increased Morgue Capacity	13	52%
	11	44%

Hospital Criteria for shifting to Crisis Care Strategies LEGEND			
CRITERIA	STATUS		
	Normal Operations	Modified Operations Under Control	Modified Operations Assistance Needed
Rate of change in Hospitalized COVID-19 patients (doubling time over last 7 days)	Never to 4 weeks to double	4 weeks to 2 weeks to double	Less than 2 weeks to double
Absolute COVID-19 Census in the hospital	Less than 500	500-750	>750
Hospital census as a percentage of capacity	<80%	80% to 90%	>90%
Supply of PPE available in the hospitals	>4 weeks	2 to 4 weeks	< 2 weeks

Hospital Criteria for shifting to Crisis Care Strategies 12/02/20			
CRITERIA	STATUS		
	Normal Operations	Modified Operations Under Control	Modified Operations Assistance Needed
Rate of change in Hospitalized COVID-19 patients (doubling time over last 7 days)		3.3 weeks	
Absolute COVID-19 Census in the hospital		689	
Hospital census as a percentage of capacity	62%		
Supply of PPE available in the hospitals		2 to 4 weeks	

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AGENCY OPERATIONS CENTER / LOGISTICS SECTION

- The AOC is activated weekly at Level II on Mondays only - 0900-1600; Warehouse Ops are M-F - 0900-1600.
- SCARCE Resources: Gloves, Wipes

Total Activity – Updated 11/30/20 at 1530		
INQUIRIES	RR RECEIVED	RR FILLED
15,540 +90	8,725 + 135	6,964 +79
Total Denied Requests: 742 / Total Redacted Requests: 774		

Logistics Daily Units Distributed 11-30-20	
N95 Mask	6,640
Surgical Mask	15,100
Gown	14,180
Gloves	135,500
Face Shields/Eye Protection	2,535
Hand Sanitizer	580
Other	257,850
Total Units	432,385

Inventory Report February 18 to November 30, 2020	
Medical Supply/Equipment Total Units Distributed	
N95 Mask	4,828,335
Surgical Mask	1,851,455
Gowns	1,759,241
PPE-Suit	17,965
Gloves	3,693,550
Eye Protection	329,421
Hand Sanitizer	309,289
Other Items	1,394,039
Total Units	14,183,295



ALTERNATE CARE SITE

*Site had a “warm” closure on September 30, 2020. A warm closure allows the ACS to be maintained in a semi-ready state. Appropriate resources will be kept at the ACS to enable the site to reopen within 72 hours if the need should arise.

Fairview (COVID-19 +)		
Patient Census (as of 9/30/2020 07:30)	CURRENT	TOTAL
Orange County	0	76
Los Angeles County	0	36
San Diego County	0	1
Ventura County	0	2
Total patients CENSUS / TOTAL ACCEPTED	0	115
Patients Discharged		TOTAL
AMA		5
DISCHARGED		110
TRANSFERRED		0