OVERVIEW OF CURRENT SITUATION (12/21/20 1030) *Source: Johns Hopkins University & Medicine https://coronavirus.jhu.edu/map.html*

	Cases / Deaths
Worldwide:	77,074,469 / 1,697,679
Nationwide:	17,878,979 / 317,858
California:	1,887,304 / 22,667
Orange Co:	128,181 / 1,777 *Source: Orange County COVID-19 Case Counts & Testing Figures*

## ORANGE COUNTY PUBLIC HEALTH (as of 12/21/20 1000)

Orange County COVID-19 Summary* *click for full details*	Sat 12/19/20	Sun 12/20/20	Mon 12/21/20	Tue 12/22/20	Wed 12/23/20	Thu 12/24/20	Fri 12/25/20
Cases Reported to Date	119,822	124,428	128,181				
Deaths Reported to Date	1,760	1,775	1,777				
Tests Reported Today	21,203	20,198	4,060				
Cumulative Tests to Date	1,831,645	1,851,843	1,855,903				
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)

Calls to SNFs/Congregate Living with Primary Impressions:
Fever/Cough, Influenza-like Illnesses
(Transports to ERCs Only - Last 30 Days)

	11/21 Sat	11/22 Sun	11/23 Mon	11/24 Tue	11/25 Wed	11/26 Thu	11/27 Fri	11/28 Sat	11/29 Sun	11/30 Mon	12/1 Tue	12/2 Wed	12/3 Thu	12/4 Fri	12/5 Sat	12/6 Sun	12/7 Mon	12/8 Tue	12/9 Wed	12/10 Thu	12/11 Fri	12/12 Sat	12/13 Sun	12/14 Mon	12/15 Tue	12/16 Wed	12/17 Thu	12/18 Fri	12/19 Sat	12/20 Sun
# calls	4	7	4	2	5	3	7	9	5	4	2	6	10	20	10	6	15	9	11	9	8	16	9	12	11	14	16	19	13	11
911	4	4	2	1	1	1	3	6	2	3	1	2	6	9	5	3	4	6	6	7	5	10	3	7	6	10	8	13	11	6
non-911	0	3	2	1	4	2	4	3	3	1	1	4	4	11	5	3	11	3	5	2	3	6	6	4	5	4	8	6	2	5
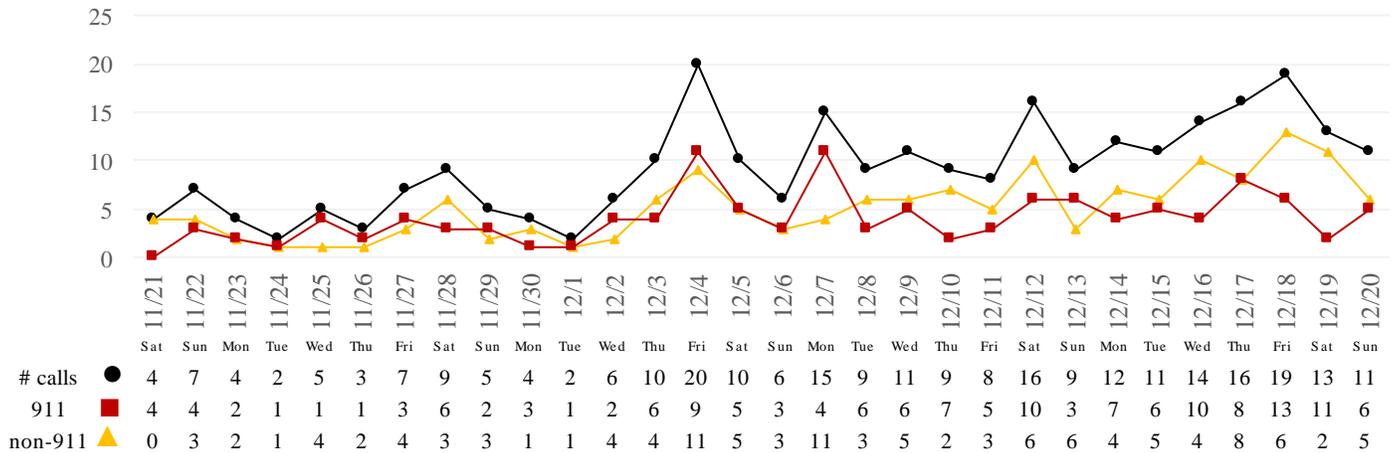
*Data Source: California Department of Public Health (CDPH)

Reporting Date: 12/21/2020 (71/73 SNFs reported)	Days on Hand			
	0 - 3 days	**4 - 7 days**	**8-14 days**	**15+ days**
N95 Masks	0	3	14	54
Surgical Masks	0	3	11	57
Eye Protection	0	3	11	57
Gowns	0	3	11	57
Gloves	0	3	12	56
Alcohol-Based Hand Sanitizer	0	4	12	55

*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.

COVID+ in Congregate Healthcare*
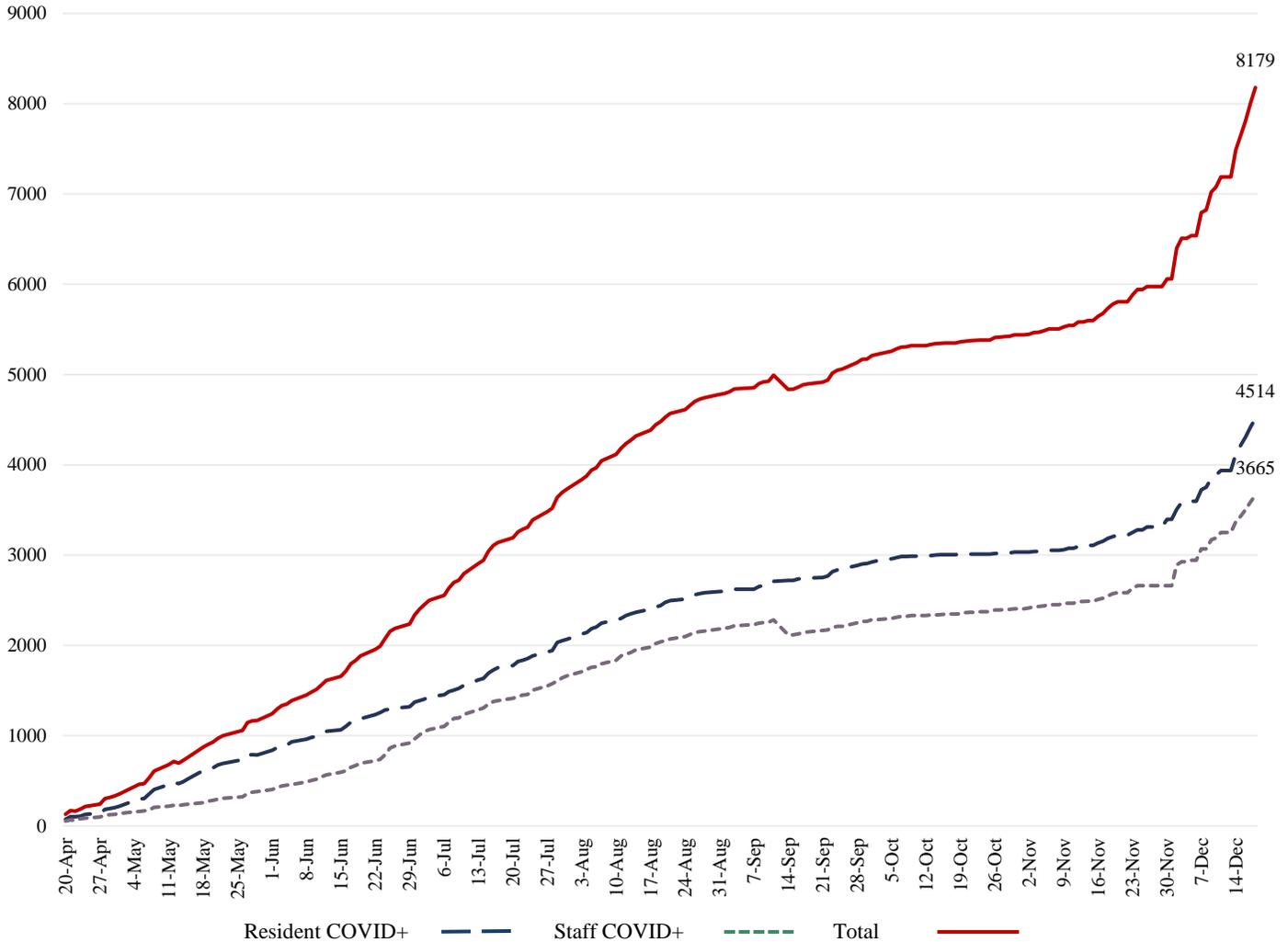
*Data Source: Orange County Health Care Agency – Public Health

| Current Facility Outbreaks (as of 12/21/20 1000)		
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	35	Advanced Rehab Center Of Tustin, Alamitos West Health & Rehabilitation, Anaheim Crest Nursing Center, Anaheim Healthcare Center, Llc, Buena Park Nursing Center, Capistrano Beach Care Center, Country Villa Plaza Convalescent Center, Crystal Cove Care Center, Extended Care Hospital Of Westminster, Garden Park Care Center, Gordon Lane Care Center, Harbor Villa Care Center, Huntington Valley Healthcare Center, La Habra Convalescent Hospital, Laguna Hills Health And Rehabilitation Center, Leisure Court Nursing Center, Mainplace Post Acute, Manorcare Health Services (Fountain Valley), Mesa Verde Post Acute Care Center, Mission Palms Healthcare Center, Newport Nursing And Rehabilitation Center, Park Regency Care Center, Park Vista At Morningside (Snf), Regents Point - Windcrest, Sea Cliff Healthcare Center, South Coast Post Acute, St. Elizabeth Healthcare Center, Stanley Healthcare Center, The Hills Post Acute, The Pavilion At Sunny Hills, Town And Country Manor, Tustin Care Center, Villa Valencia, Windsor Gardens Care Center Of Fullerton, Windsor Gardens Convalescent Center Of Anaheim
Elderly Assisted Living	36	A Pericles Elderly Care Home, Aegis Assisted Living Of Laguna Niguel, Anaheim Crown Plaza, Arbor Palms Of Anaheim, Ardent Care, Atria Golden Creek, Belmont Village Aliso Viejo, Brookdale Garden Grove, Brookdale Irvine, Citrus Hills Assisted Living, Crescendo Senior Living, Crestavilla Senior Living, Fullerton Rosewood Assisted Living, Fullerton Villa, Harvest Retirement, Huntington Terrace, Ivy Cottages I, Karlton Residential Care Center, Katella Senior Living Community, Mainplace Senior Living, Oakmont Of Huntington Beach, Oakmont Of Orange, Pacifica Royale Assisted Living Community, Pacifica Senior Living South Coast, Park Regency Retirement Center, Park Vista At Morningside (Alf), Rochelle Manor, Rosart Home Rcfe, Rowntree Gardens, Seaside Terrace Retirement Community, Serento Rosa (Alf), Silverado Brea Llc, Sunrise Assisted Living Of Fullerton, Sunrise At Yorba Linda, Sunrise Of Seal Beach, Vivante On The Coast

EMERGENCY MEDICAL SERVICES STATUS

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

9-1-1 ambulance transport volume has leveled off the last several days but were higher over the last 30 days. Volume is approaching normal (pre-COVID) levels but most of the increase has occurred in the last two (2) weeks (Updated 12/21/20).
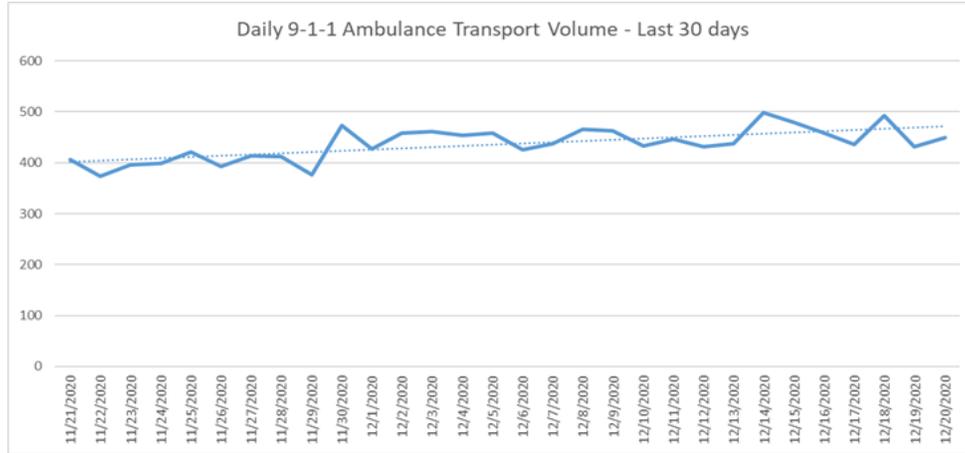
Non-emergency ambulance transports continue to declined. Transport volume is averaging about 25% below normal (pre-COVID) levels overall (Updated 12/21/20).
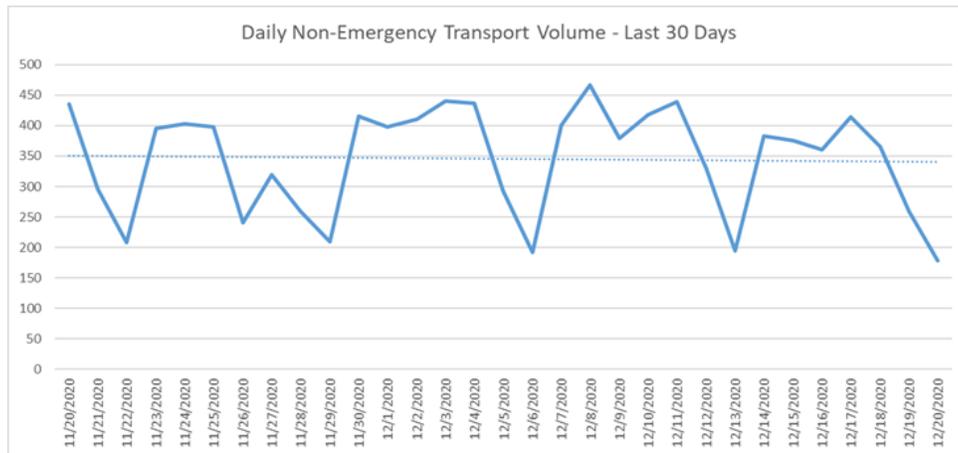
Primary Impressions of Cold/Flu/ILI by 9-1-1 EMS providers increased over the weekend and were about 15% of all 9-1-1 transports (Updated 12/21/20).
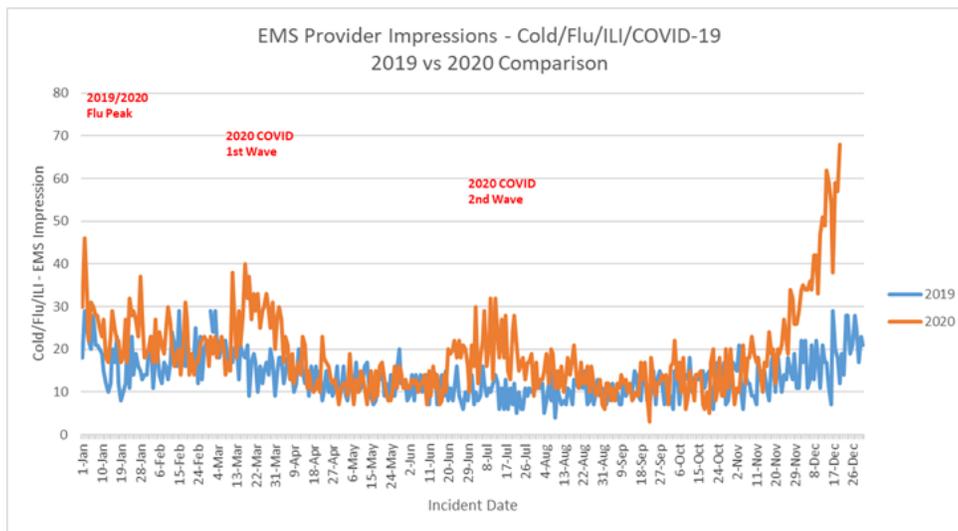
- Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: **Current Average APOT is: 23m57s / Current 90th Percentile APOT is: 53m00s**

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

- Eighteen (18) ERCs had APOT times greater than thirty (30) minutes.
- Nine (9) 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)

COVID-19 - APOT 90th Percentile - Daily Trend
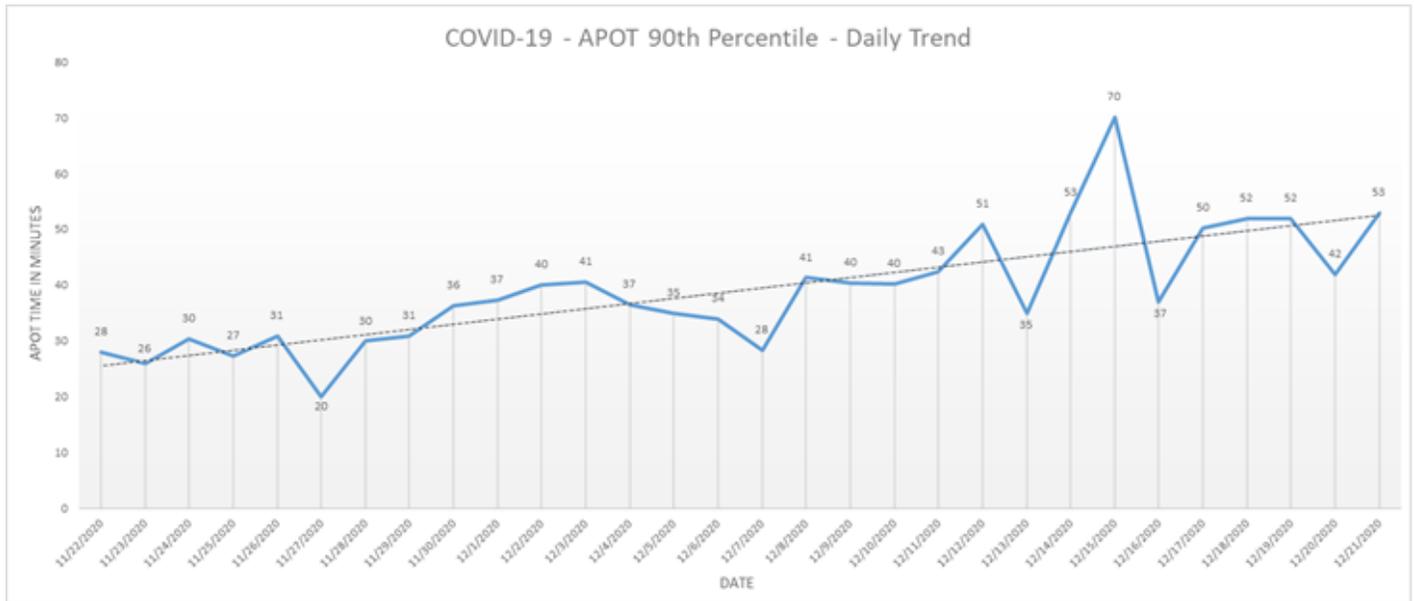
- Emergency Department (ED) Diversion & Computerized Tomography (CT) (ED closed to all ambulance transport due to no ED capacity or no CT available) for the last 30 days 11/20/20 – 12/20/20 below.
- **NOTE: Hospital Diversion was suspended for 72 hours on 12/15/20 @ 1900. The suspension was extended for an additional 72 hours on 12/18/20.**

*Data Source: ReddiNet

Hours of Diversion per 24-Hour Period
Thru 12-20-2020, Last 30 Days
25 Hospitals (Rounded to nearest hour)
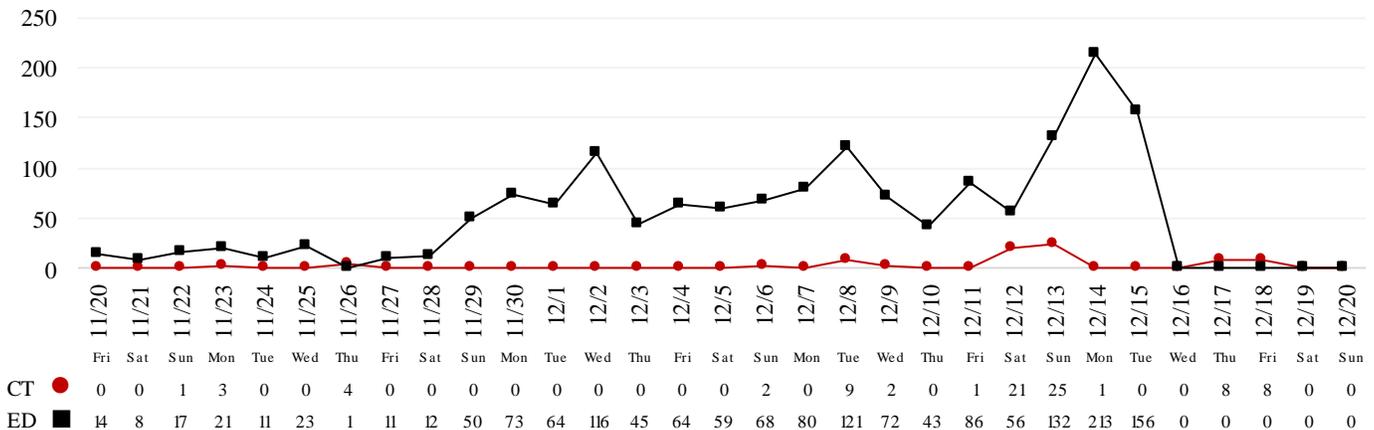
	11/20	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20
	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
CT ●	0	0	1	3	0	0	4	0	0	0	0	0	0	0	0	0	2	0	9	2	0	1	21	25	1	0	0	8	8	0	0
ED ■	14	8	17	21	11	23	1	11	12	50	73	64	116	45	64	59	68	80	121	72	43	86	56	132	213	156	0	0	0	0	0

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
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

ALL HOSPITALS (33)															
DATE	Census ALL	Occupancy %	COVID+ Hospitalized	COVID+ ICU	ICU Occupied Adult	ICU Available Adult	% ICU Beds Adult Available	ICU Occupied Peds	ICU Available Peds	% ICU Beds Peds Available	ICU CDPH OC Occupied **	ICU CDPH OC Available ***	% ICU CDPH OC Available ****	% ICU Beds System Available *****	% Ventilators Available
12/3	4003	73%	746	195	501	104	17%	39	29	43%	673	133	20%	28%	55%
12/4	4124	74%	842	193	515	86	14%	33	35	51%	669	121	18%	28%	56%
12/5	3960	73%	848	209	489	98	17%	46	22	32%	655	120	18%	27%	54%
12/6	3805	71%	877	218	500	96	16%	47	21	31%	664	117	18%	27%	53%
12/7	3833	71%	946	238	509	79	13%	34	34	50%	656	113	17%	27%	53%
12/8	4013	73%	974	239	531	69	12%	26	42	62%	668	111	17%	27%	53%
12/9	4136	74%	1025	257	529	71	12%	31	37	54%	668	108	16%	26%	53%
12/10	4197	76%	1122	265	532	65	11%	36	32	47%	665	97	15%	25%	54%
12/11	4244	77%	1150	273	524	68	11%	32	36	53%	660	104	16%	27%	53%
12/12	4152	75%	1236	284	548	70	11%	40	28	41%	686	98	14%	26%	54%
12/13	4081	75%	1287	288	547	58	10%	40	28	41%	673	86	13%	24%	52%
12/14	4090	74%	1371	296	557	68	11%	35	33	49%	693	101	15%	27%	50%
12/15	4242	76%	1486	319	565	63	10%	36	32	47%	696	95	14%	25%	50%
12/16	4282	77%	1519	343	580	49	8%	38	30	44%	697	79	11%	23%	47%
12/17	4243	76%	1557	358	569	59	9%	37	31	46%	696	90	13%	25%	51%
12/18	4273	77%	1601	361	565	60	10%	25	43	63%	693	103	15%	25%	50%
12/19	4203	76%	1682	375	570	79	12%	31	37	54%	717	116	16%	27%	51%
12/20	4123	75%	1709	380	566	66	10%	31	37	54%	700	103	15%	25%	48%

**ICU CDPH OC Occupied – CDPH combines occupied ICU adult beds and occupied ICU pediatric beds as a reporting metric on their COVID-19 Hospital dashboard.
***ICU CDPH OC Available – CDPH subtracts the sum of occupied ICU adult beds and occupied ICU pediatric beds, from the sum of ICU total adult beds and ICU total pediatric beds to determine ICU available beds on their COVID-19 Hospital dashboard.
****% ICU CDPH OC Available – The sum of occupied ICU adult beds and occupied ICU pediatric beds, divided by the sum of ICU total adult beds and ICU total pediatric beds, as a percentage.
*****% ICU Beds System Available – All ICU beds reported as available in Orange County, which includes Adult, PICU, and NICU, and any other ICU bed types.

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

| NON-ICU - 12/20/20 X			ICU - 12/20/20 ▲			ED OVERFLOW - 12/20/20 ♦			SYSTEM - 12/20/20 ●			1 DAY +/- (12/19/20)			3 DAY +/- (12/18/20)			7 DAY +/- (12/14/20)		
1329	22	1.7%	380	5	1.3%	121	7	6.1%	1709	27	1.6%	1709	27	1.6%	1601	108	6.7%	1371	338	24.7%
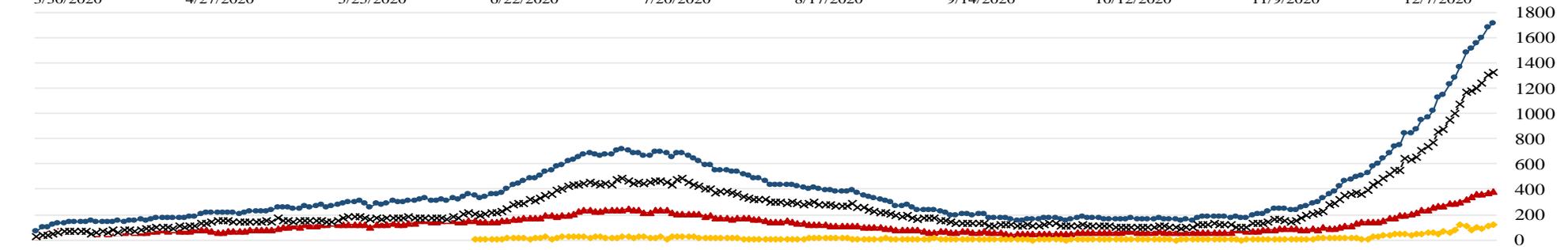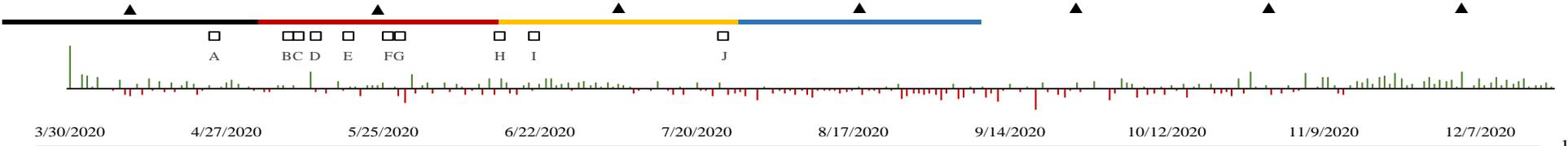
A.Face Covers Mandatory, B. Cinco de Mayo, C. OC Beaches Open, D. Mom's Day, E. OC Parks Parking Open, F. OC Stage 2 Approved, G. Memorial Day, H. Re-open entertainment, etc., I. CA Gov. Mask Mandate, J. Changes to data collection, Federal

### ICU CENSUS - (12/20/20) | ● SYSTEM- 987 | ▲ AVAILABLE- 251 (25%) | X OCCUPIED- 736

251 AVAILBLE ICU, 25%

7-DAY HISTORY BED OCCUPANCY - (12/20/20) | IN-PATIENT BEDS- 4408 (66%)

12/14/2020	12/15/2020	12/16/2020	12/17/2020	12/18/2020	12/19/2020	12/20/2020
65%	67%	68%	67%	67%	66%	66%
4,348	4,501	4,578	4,538	4,568	4,462	4,408

VENTILATORS - (12/20/20) | ● SYSTEM- 950 | ▲ AVAILABLE- 460 (48%) | X OCCUPIED- 490 | ♦ COVID

460 AVAILBLE VENTS, 48%

SURGE CENSUS - (12/20/20) | X OCCUPIED- 285 | ● SYSTEM- 1190

OC health CARE AGENCY — COUNTY OF ORANGE CALIFORNIA
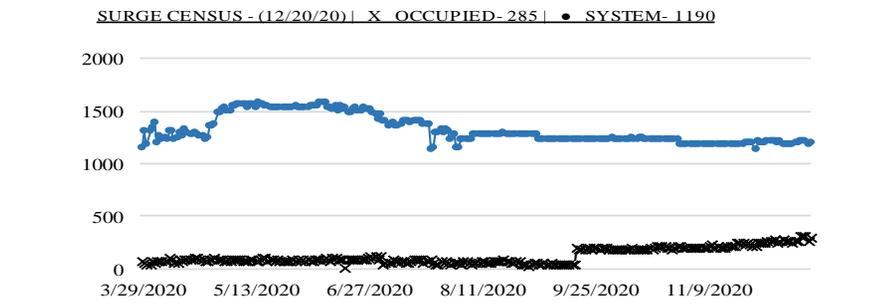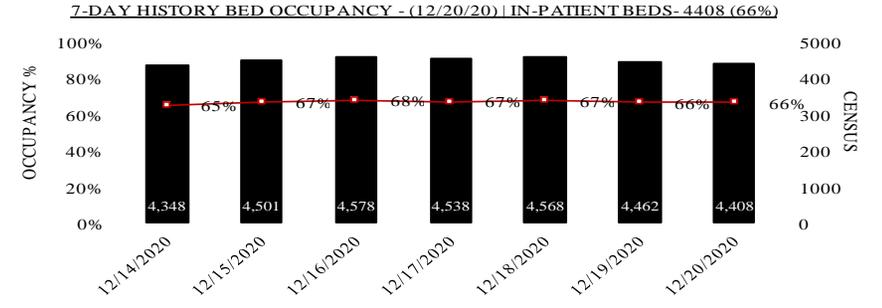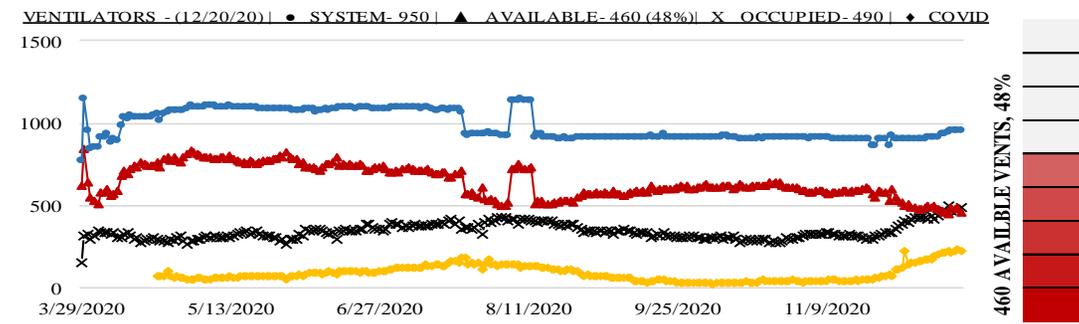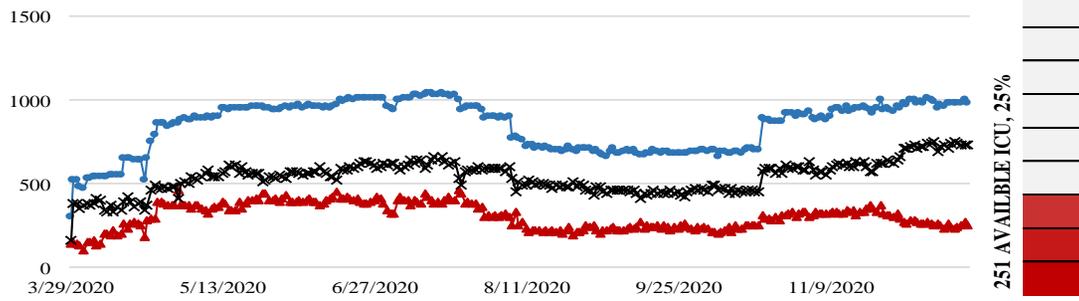
COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)
VENTILATORS IN USE (11/21/20 - 12/20/20) | 33 ACUTE CARE FACILITIES REPORTING
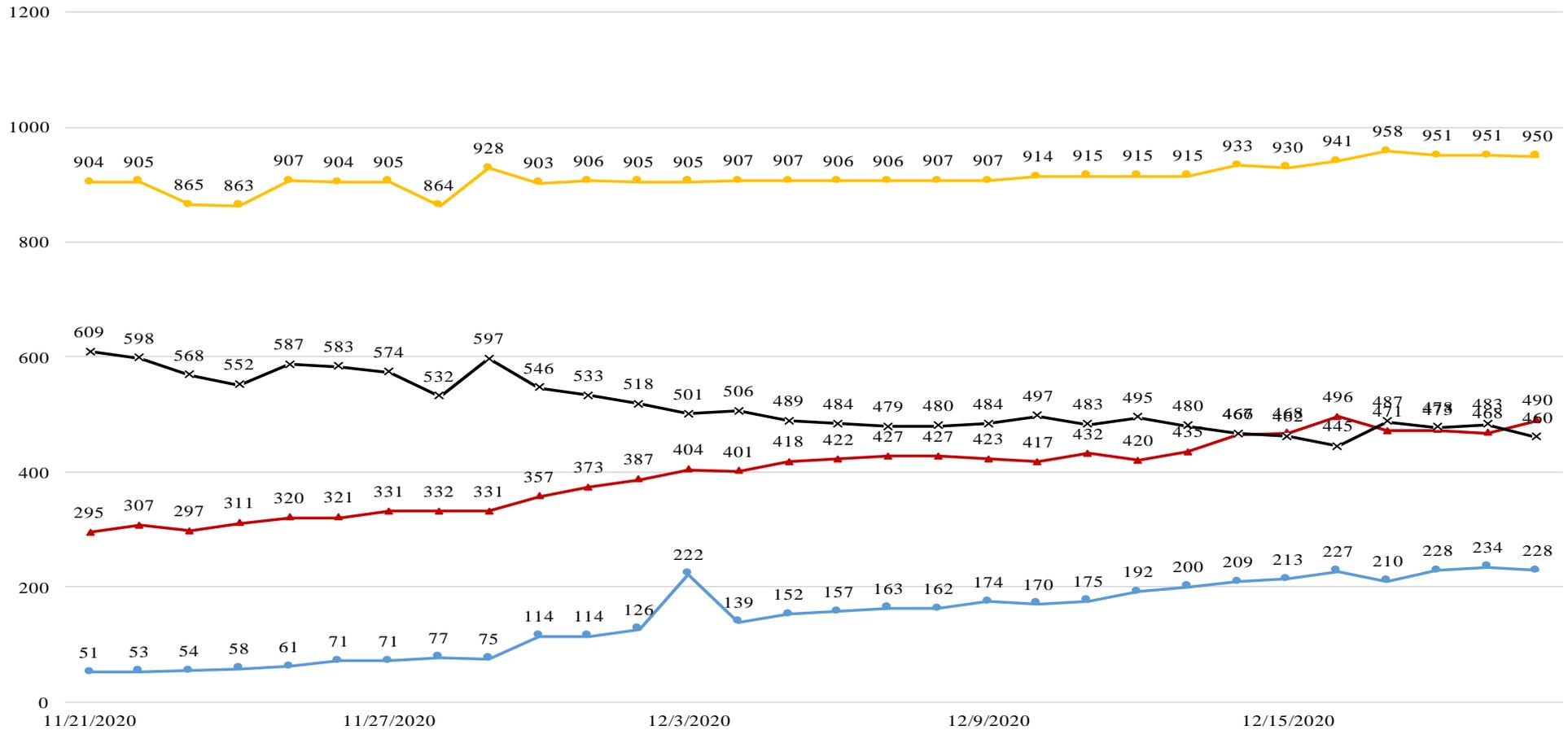
DATE	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20
COVID+ ●	51	53	54	58	61	71	71	77	75	114	114	126	222	139	152	157	163	162	174	170	175	192	200	209	213	227	210	228	234	228
SYSTEM OCC ▲	295	307	297	311	320	321	331	332	331	357	373	387	404	401	418	422	427	427	423	417	432	420	435	466	468	496	471	473	468	490
SYSTEM AVL X	609	598	568	552	587	583	574	532	597	546	533	518	501	506	489	484	479	480	484	497	483	495	480	467	462	445	487	478	483	460
SYSTEM TTL ◆	904	905	865	863	907	904	905	864	928	903	906	905	905	907	907	906	906	907	907	914	915	915	915	933	930	941	958	951	951	950

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

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)
ICU BEDS (11/21/20 - 12/20/20) | 33 ACUTE CARE FACILITIES REPORTING
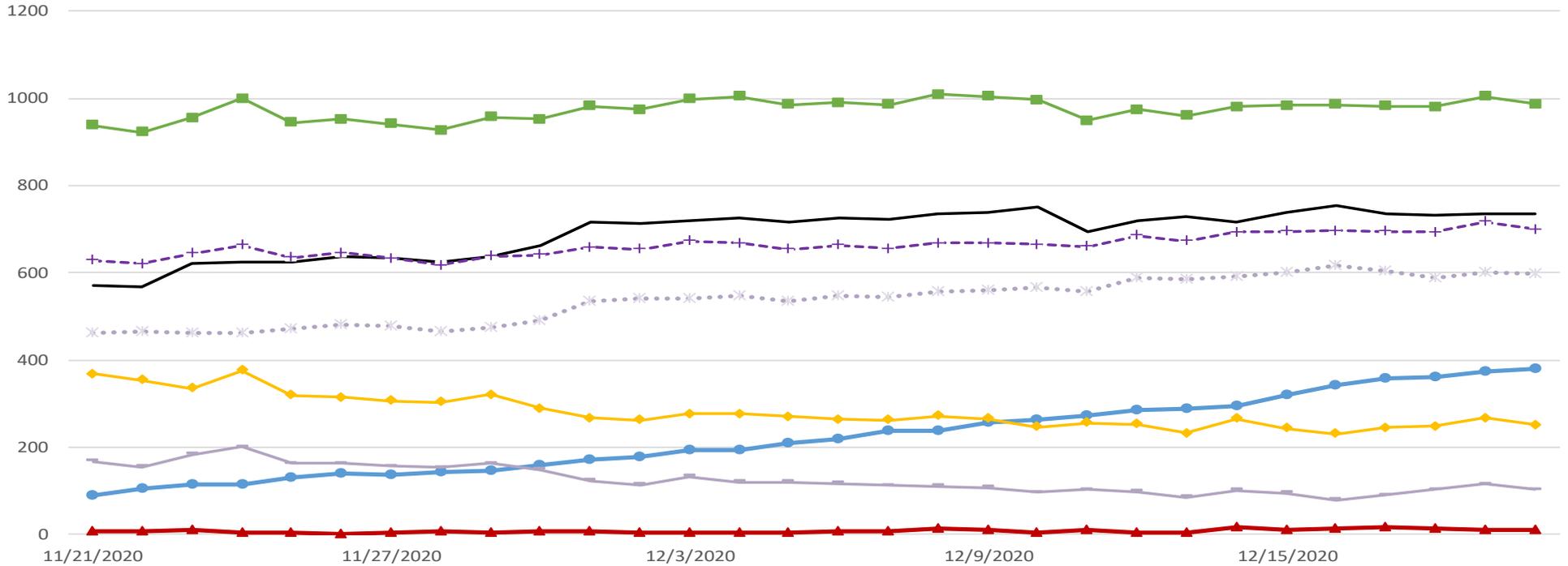
DATE	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20
CONFIRMED ●	91	105	116	115	130	139	138	142	146	158	171	179	195	193	209	218	238	239	257	265	273	284	288	296	319	343	358	361	375	380
SUSPECTED ▲	7	7	10	5	3	1	3	9	5	8	8	6	6	6	5	8	9	14	10	5	10	5	5	16	11	15	16	13	11	11
OCCUPIED X	570	569	621	624	624	637	634	625	637	663	715	712	721	727	716	726	723	737	739	750	693	721	729	715	740	755	737	733	736	736
SYSTEM AVL ◆	368	354	335	376	320	315	307	303	321	290	268	263	277	277	270	265	262	272	266	247	257	253	232	266	244	231	246	248	268	251
SYSTEM TTL ■	938	923	956	1000	944	952	941	928	958	953	983	975	998	1004	986	991	985	1009	1005	997	950	974	961	981	984	986	983	981	1004	987
CDPH OC OCC ＊	461	465	461	462	471	482	477	464	476	492	536	540	540	##	535	547	543	557	560	568	556	588	587	592	601	618	606	590	601	597
CDPH OC AVL -	168	156	183	201	164	164	157	154	163	149	123	114	133	121	120	117	113	111	108	97	104	98	86	101	95	79	90	103	116	103
CDPH OC TTL +	629	621	644	663	635	646	634	618	639	641	659	654	673	##	655	664	656	668	668	665	660	686	673	693	696	697	696	693	717	700

*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.

**** *CDPH OC OCC = Adult ICU Occupied + Pediatric ICU Occupied*

***** *CDPH OC AVL = (Adult ICU Total Beds + Pediatric ICU Total Beds) - (Adult ICU Occupied + Pediatric ICU Occupied)*

****** *CDPH OC TTL = Adult ICU Total + Pediatric ICU Total*

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

Reporting Date: 12/20/20* (30/33 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	14	10	5	1	0	3
Surgical Masks	18	7	3	1	1	3
Face Shields	20	3	4	1	2	3
Gloves	12	4	9	3	2	3
Gowns	13	6	8	3	0	3

*Data Source: ReddiNet

Reported Service Category Status Acute Care Hospitals w/ Emergency Departments (#25) Updated 12/21/20 **NOTE**: 23 of 25 EDs Responded		
Status Item		
Command Center Activated	18	72%
Surge Plan Activated	20	80%
Canceled Procedures/Services	13	52%
Supply Issues	10	40%
CDPH Flex	15	60%
Increased Morgue Capacity	15	60%

Hospital Criteria for shifting to Crisis Care Strategies LEGEND			
	STATUS		
CRITERIA	**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 12/20/20			
	STATUS		
CRITERIA	**Normal Operations**	**Modified Operations Under Control**	**Modified Operations Assistance Needed**
Rate of change in Hospitalized COVID-19 patients (doubling time over last 7 days)	4		
Absolute COVID-19 Census in the hospital			1709
Hospital census as a percentage of capacity	66%		
Supply of PPE available in the hospitals		2-4 weeks	

AGENCY OPERATIONS CENTER / LOGISTICS SECTION

- The AOC is activated M-F 0900-1600 at Level I; Warehouse Ops are M-F - 0900-1600.
- SCARCE Resources: Gloves, Wipes, Syringes, Needles

Total Activity – Updated 12/17/20 at 1530		
INQUIRIES	**RR RECEIVED**	**RR FILLED**
16,400 +73	9,341 +48	7,509 +54
Total Denied Requests: 775 / Total Redacted Requests: 803		

Logistics Daily Units Distributed 12-17-20	
N95 Mask	8,200
Surgical Mask	5,100
Gown	7,000
Gloves	44,300
Face Shields/Eye Protection	520
Hand Sanitizer	190
Other	5,850
Total Units	**71,160**

Inventory Report February 18 to December 17, 2020 Medical Supply/Equipment Total Units Distributed	
N95 Mask	4,906,465
Surgical Mask	1,925,555
Gowns	1,839,741
PPE-Suit	17,965
Gloves	4,184,250
Eye Protection	353,329
Hand Sanitizer	310,288
Other Items	1,798,227
Total Units	**15,335,820**

Resource Requests
U:\1 REAL EVENTS\COVID -19\3) MHOAC\MHOAC Daily Med Health System Overall Status
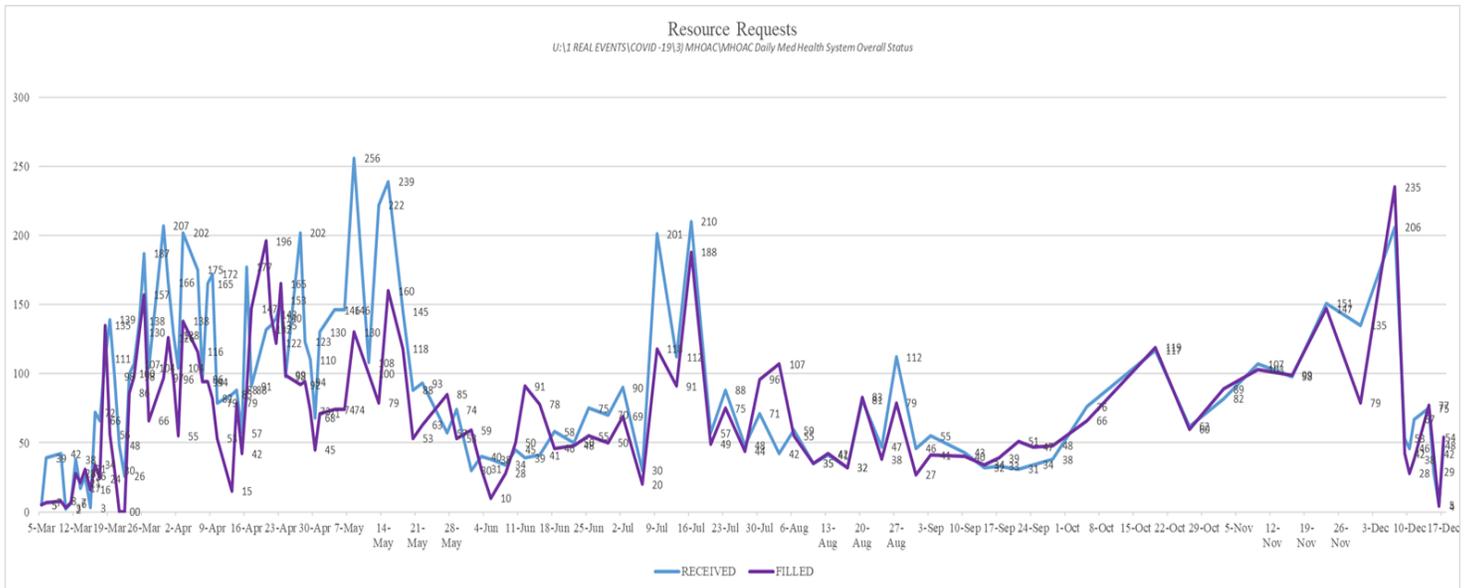
ALTERNATE CARE SITE (ACS)

- Fairview Alternate Care Site (FACS) opened for admissions on **TUESDAY, 12/15/20 @ 1800**
- FACS Admissions Guidelines (updated 12.16.20) may be found on the OCEMS website at:
  https://www.healthdisasteroc.org/civicax/filebank/blobdload.aspx?BlobID=118724

Fairview (COVID-19 +)		
Patient Census (as of 12/21/2020 09:00)	CURRENT	TOTAL
Orange County	3	5
LA County	4	9
Riverside	1	1
San Diego County	0	0
Ventura County	0	0
Total patients CENSUS / TOTAL ACCEPTED	8	15
Patients Discharged		TOTAL
DISCHARGED		7

MOBILE FIELD HOSPITALS

- MFHs are capable of expanding current hospital capacity by adding additional patient beds.
- They are large heavy duty canvas tents with hard flooring and temperature controlled units.
- They can be configured in a myriad of footprints and sizes (i.e. 25-200 bed).
- CDPH is primed and ready to provide hospitals a waiver to allow emergency use of this MFH facility.
- OCEMS is actively deploying multiple MFHs to OC hospitals prepared to receive & operate
  - OCEMS has a total of 8 trailers to support at minimum, 200 patient beds.
  - Hospitals who have self-identified in receiving a MFH include:

    - **UCI (50 bed) – confirmed**
    - **Fountain Valley (50 bed) – confirmed**
    - **Los Alamitos (25 bed) – confirmed**