OVERVIEW OF CURRENT SITUATION (12/22/20 1206) *Source: Johns Hopkins University & Medicine https://coronavirus.jhu.edu/map.html*

|	Cases / Deaths
Worldwide:	77,753,952 / 1,711,385
Nationwide:	18,134,027 / 321,301
California:	1,935,389 / 22,948
Orange Co:	130,414 / 1,779 *Source: Orange County COVID-19 Case Counts & Testing Figures*

ORANGE COUNTY PUBLIC HEALTH (as of 12/22/20 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	130,414			
Deaths Reported to Date	1,760	1,775	1,777	1,779			
Tests Reported Today	21,203	20,198	4,060	29,144			
Cumulative Tests to Date	1,831,645	1,851,843	1,855,903	1,885,047			

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)

	11/22	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	12/21
	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	Mon
# calls	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	17
911	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	11
non-911	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	6
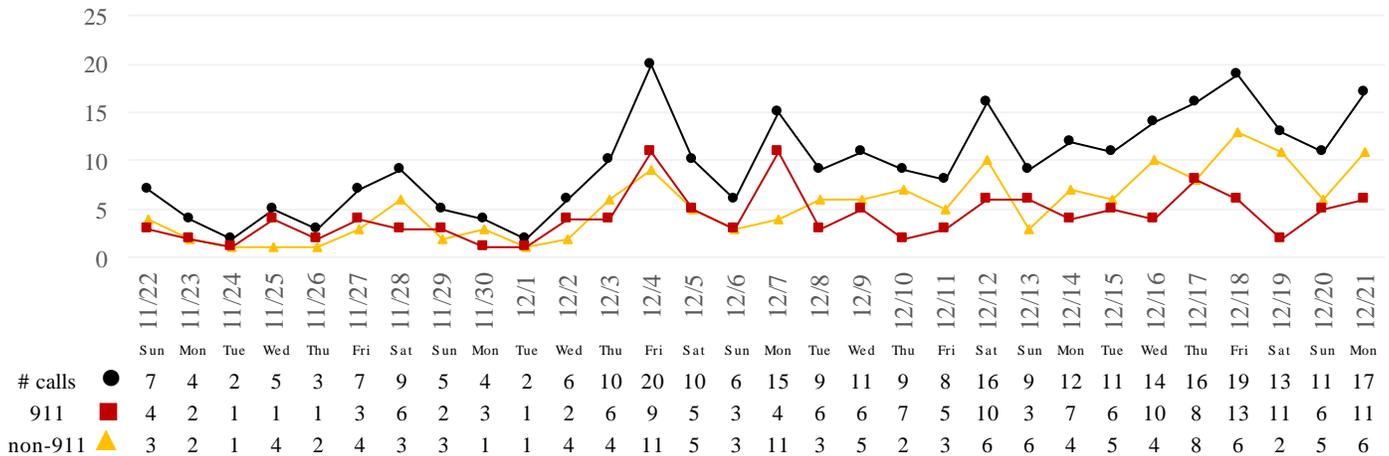
*Data Source: California Department of Public Health (CDPH)

Reporting Date: 12/22/2020 (71/73 SNFs reported)	Days on Hand			
	0 - 3 days	4 - 7 days	8-14 days	15+ days
N95 Masks	0	3	13	55
Surgical Masks	0	3	11	57
Eye Protection	0	3	12	56
Gowns	0	3	13	55
Gloves	0	3	13	55
Alcohol-Based Hand Sanitizer	0	4	13	54

*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*

Resident COVID+ — Staff COVID+ - - - Total ——
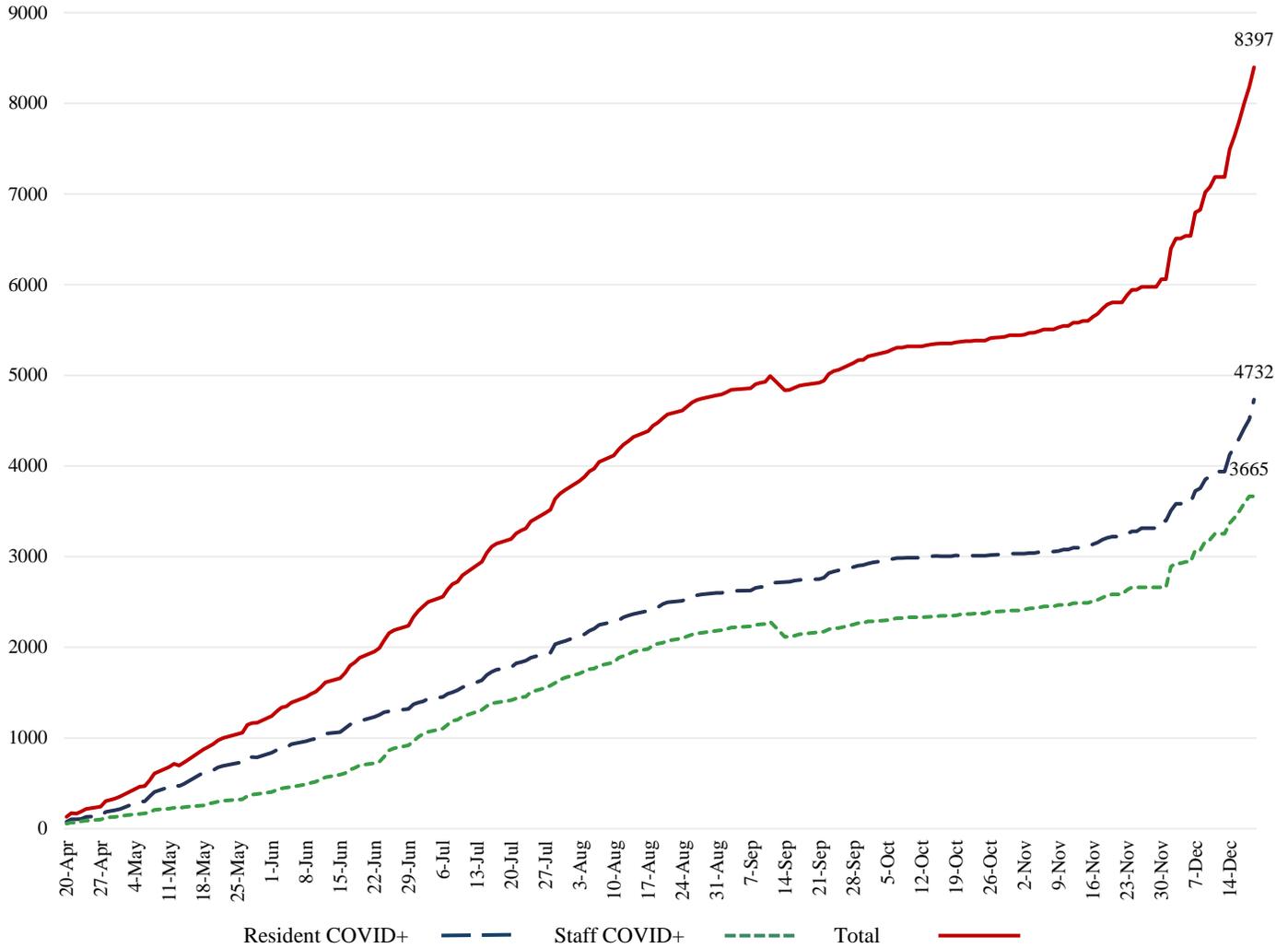
*Data Source: Orange County Health Care Agency – Public Health

| Current Facility Outbreaks (as of 12/22/20 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	42	Advanced Rehab Center Of Tustin, Alamitos West Health & Rehabilitation, Alta Gardens Care Center, Anaheim Crest Nursing Center, Anaheim Healthcare Center, Llc, Anaheim Terrace Care Center, Buena Park Nursing Center, Buena Vista Care Center, Capistrano Beach Care Center, Country Villa Plaza Convalescent Center, Crystal Cove Care Center, Extended Care Hospital Of Westminster, Garden Grove Convalescent Hospital, 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, New Orange Hills, Newport Nursing And Rehabilitation Center, Newport Subacute Healthcare 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, Victoria Healthcare And Rehabilitation Center, Villa Valencia, Windsor Gardens Care Center Of Fullerton, Windsor Gardens Convalescent Center Of Anaheim
Elderly Assisted Living	40	A Pericles Elderly Care Home, Aegis Assisted Living Of Laguna Niguel, Anaheim Crown Plaza, Arbor Palms Of Anaheim, Ardent Care, Atria Golden Creek, Atria Newport Plaza, Belmont Village Aliso Viejo, Brookdale Garden Grove, Brookdale Irvine, Bubbe & Zayde's Place Iv, Citrus Hills Assisted Living, Crescendo Senior Living, Crestavilla Senior Living, Fullerton Rosewood Assisted Living, Fullerton Villa, Harvest Retirement, Huntington Terrace, Karlton Residential Care Center, Katella Senior Living Community, Kirkwood Orange, Mainplace Senior Living, Oakmont Of Huntington Beach, Oakmont Of Orange, Orange Point Home Care, Pacific Shores Of Lake Forest (Moresby), Pacifica Royale Assisted Living Community, Pacifica Senior Living South Coast, Palm Retirement Center, Park Regency Retirement Center, Rochelle Manor, Rosart Home Rcfe, Rowntree Gardens, Serento Rosa (Alf), Silverado Brea Llc, Sunrise Assisted Living Of Fullerton, Sunrise At Yorba Linda, Sunrise Of Mission Viejo, 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 increased yesterday and continued higher over the last 30 days. ==Volume is approaching normal (pre-COVID) levels== but most of the increase has occurred in the last three (3) weeks (Updated 12/22/20).

Daily 9-1-1 Ambulance Transport Volume - Last 30 days
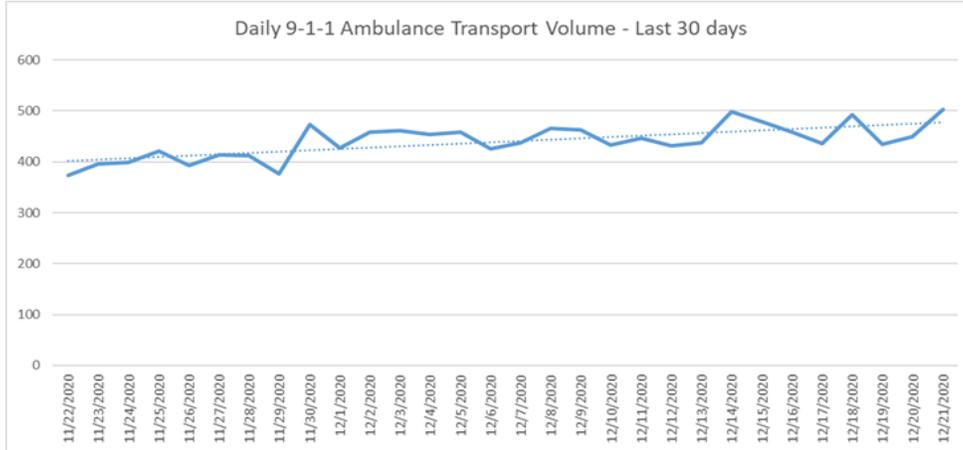
Non-emergency ambulance transports continue to declined. Transport volume is ==averaging about 25-30% below normal== (pre-COVID) levels overall (Updated 12/22/20).

Daily Non-Emergency Transport Volume - Last 30 Days
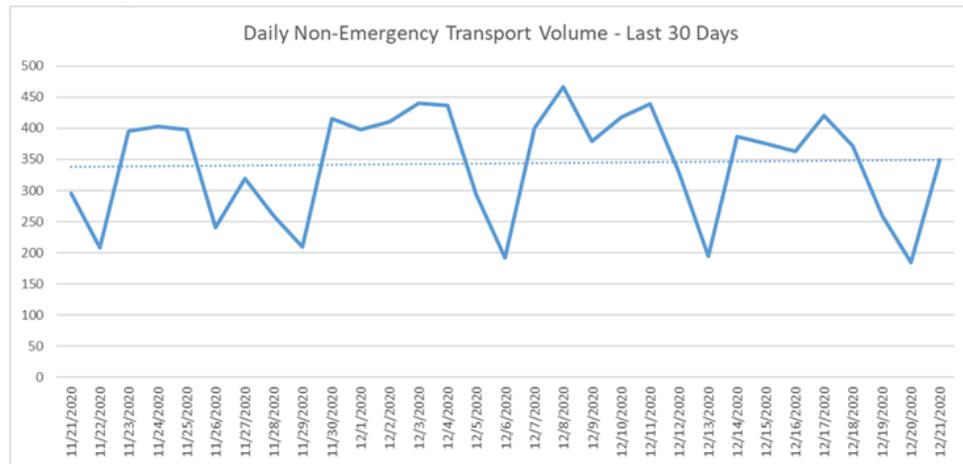
Primary Impressions of Cold/Flu/ILI by 9-1-1 EMS providers ==continued to increase and were about 15% of all 9-1-1 transports (Updated 12/22/20).==

EMS Provider Impressions - Cold/Flu/ILI/COVID-19
2019 vs 2020 Comparison
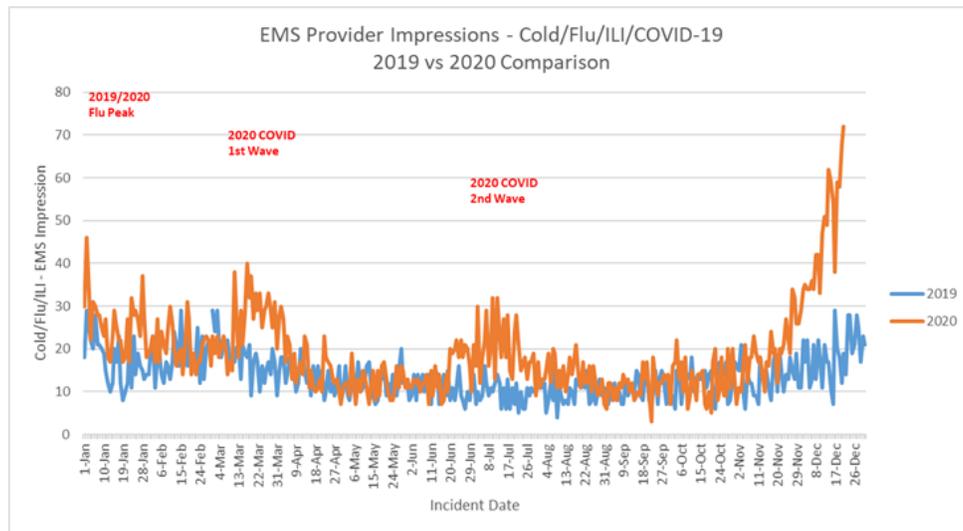
- Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: **Current Average APOT is: 30m51s / Current 90th Percentile APOT is: 70m44s**

  The chart below displays a daily trend over the <u>last 30 days</u>.

- Seventeen (17) ERCs had APOT times greater than thirty (30) minutes.
- Thirteen (13) 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
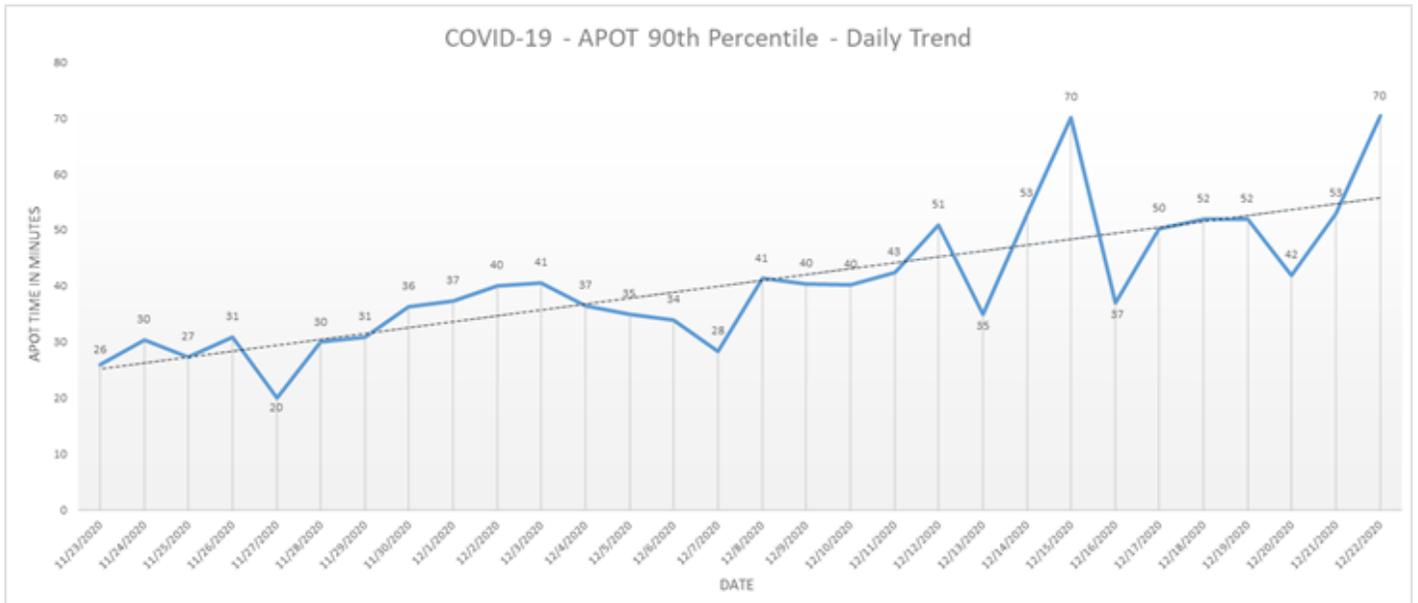
- Emergency Department (ED) Diversion & Computerized Tomography (CT) (ED closed to all ambulance transport due to no ED capacity or no CT available) for the last 30 days 11/20/20 – 12/20/20 below.
- **NOTE: Hospital Diversion was <u>suspended for 72 hours on 12/15/20 @ 1900</u>. The suspension was <u>extended on 12/18/20</u>.**

  *Data Source: ReddiNet

Hours of Diversion per 24-Hour Period
Thru 12-21-2020, Last 30 Days
25 Hospitals (Rounded to nearest hour)
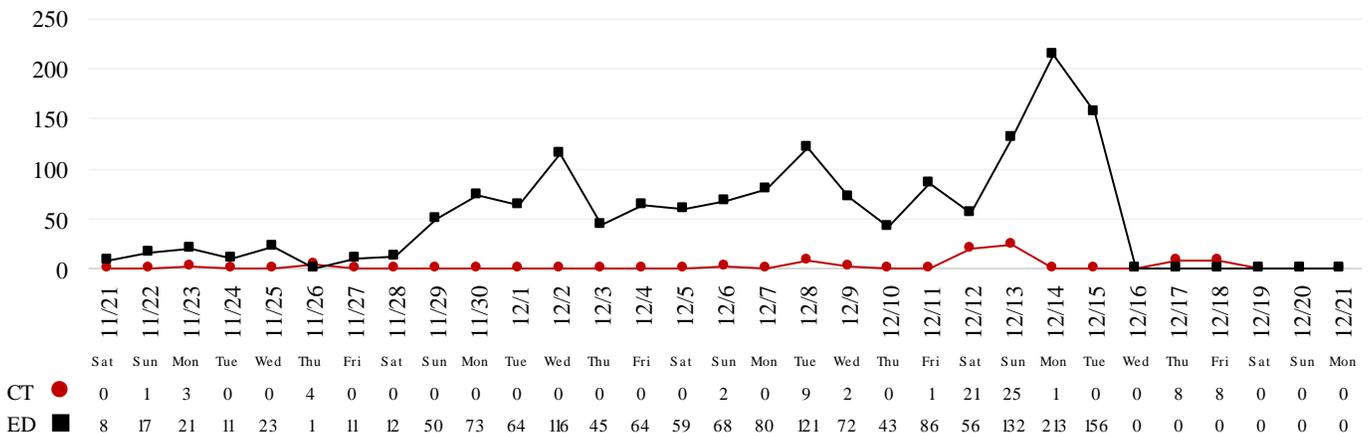
		11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20	12/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
CT	●	0	1	3	0	0	4	0	0	0	0	0	0	0	0	2	0	9	2	0	1	21	25	1	0	0	8	8	0	0
ED	■	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	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
12/4	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%
12/21	4193	76%	1806	390	622	56	8%	28	40	59%	746	96	13%	24%	45%

**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 - 12/21/20 X			ICU - 12/21/20 ▲			BED OVERFLOW - 12/21/20 ♦			SYSTEM - 12/21/20 ●			1 DAY +/- (12/20/20)			3 DAY +/- (12/19/20)			7 DAY +/- (12/15/20)		
1416	87	6.5%	390	10	2.6%	137	16	13.2%	1806	97	5.7%	1806	97	5.7%	1682	124	7.4%	1486	320	21.5%
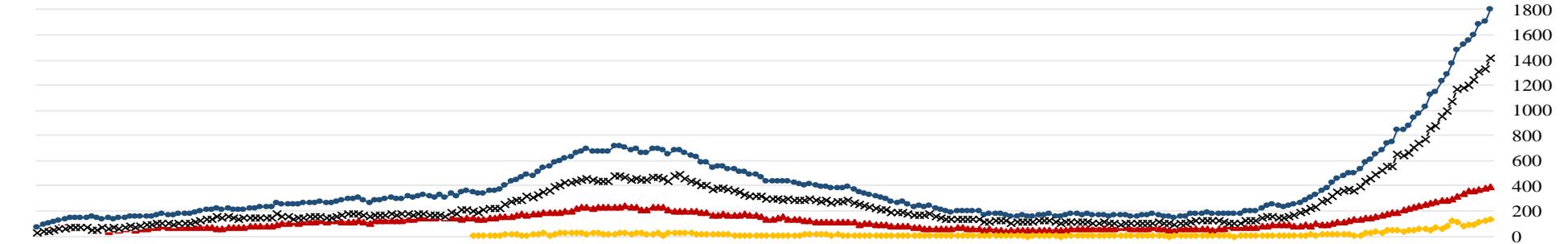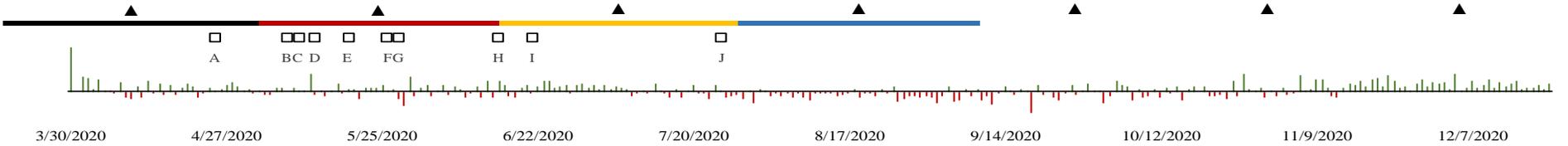
A.Face Covers Mandatory, B. Cinco de Mayo, C. OC Beaches Open, D. Mom's Day, E. OC Parks Parking Open, F. OC Stage 2 Approved , G. Memorial Day, H. Re-open entertainment, etc.\, I. CA Gov. Mask Mandate, J. Changes to data collection, Federal
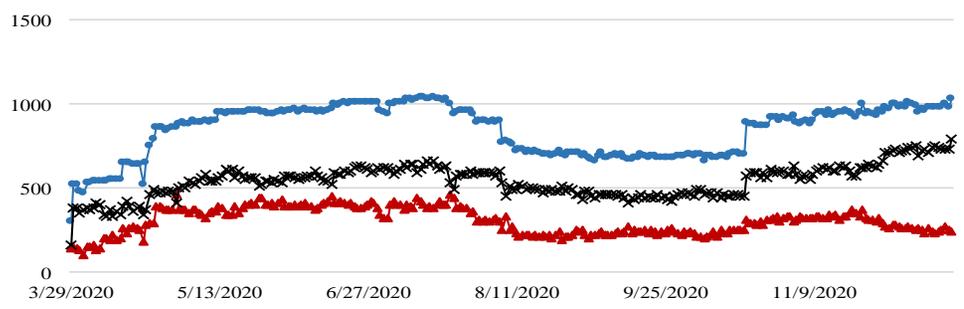
ICU CENSUS - (12/21/20) | ● SYSTEM- 1033 | ▲ AVAILABLE- 243 (24%) | X OCCUPIED- 790

243 AVAILBLE ICU, 24%
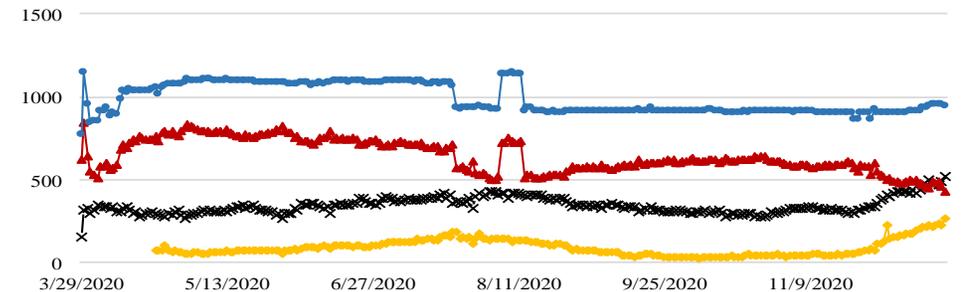
VENTILATORS - (12/21/20) | ● SYSTEM- 949 | ▲ AVAILABLE- 429 (45%) | X OCCUPIED- 520 | ♦ COVID

429 AVAILBLE VENTS, 45%
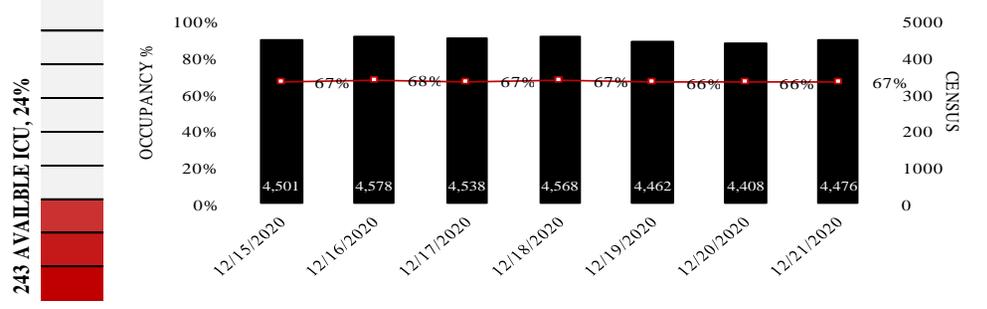
7-DAY HISTORY BED OCCUPANCY - (12/21/20) | IN-PATIENT BEDS- 4476 (67%)

Date	Census	Occupancy
12/15/2020	4,501	67%
12/16/2020	4,578	68%
12/17/2020	4,538	67%
12/18/2020	4,568	67%
12/19/2020	4,462	66%
12/20/2020	4,408	66%
12/21/2020	4,476	67%
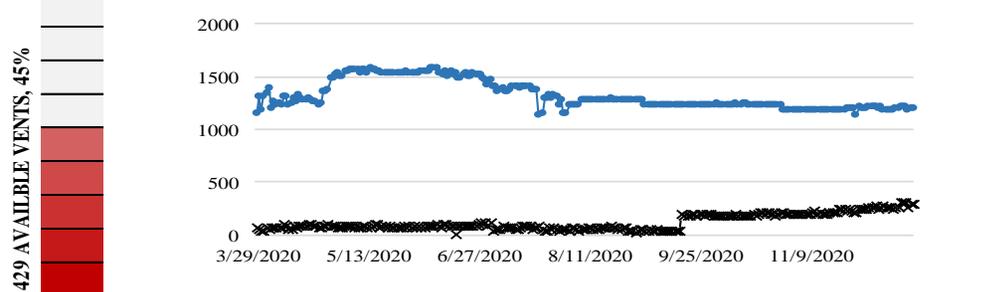
SURGE CENSUS - (12/21/20) | X OCCUPIED- 283 | ● SYSTEM- 1194

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)
VENTILATORS IN USE (11/22/20 - 12/21/20) | 33 ACUTE CARE FACILITIES REPORTING
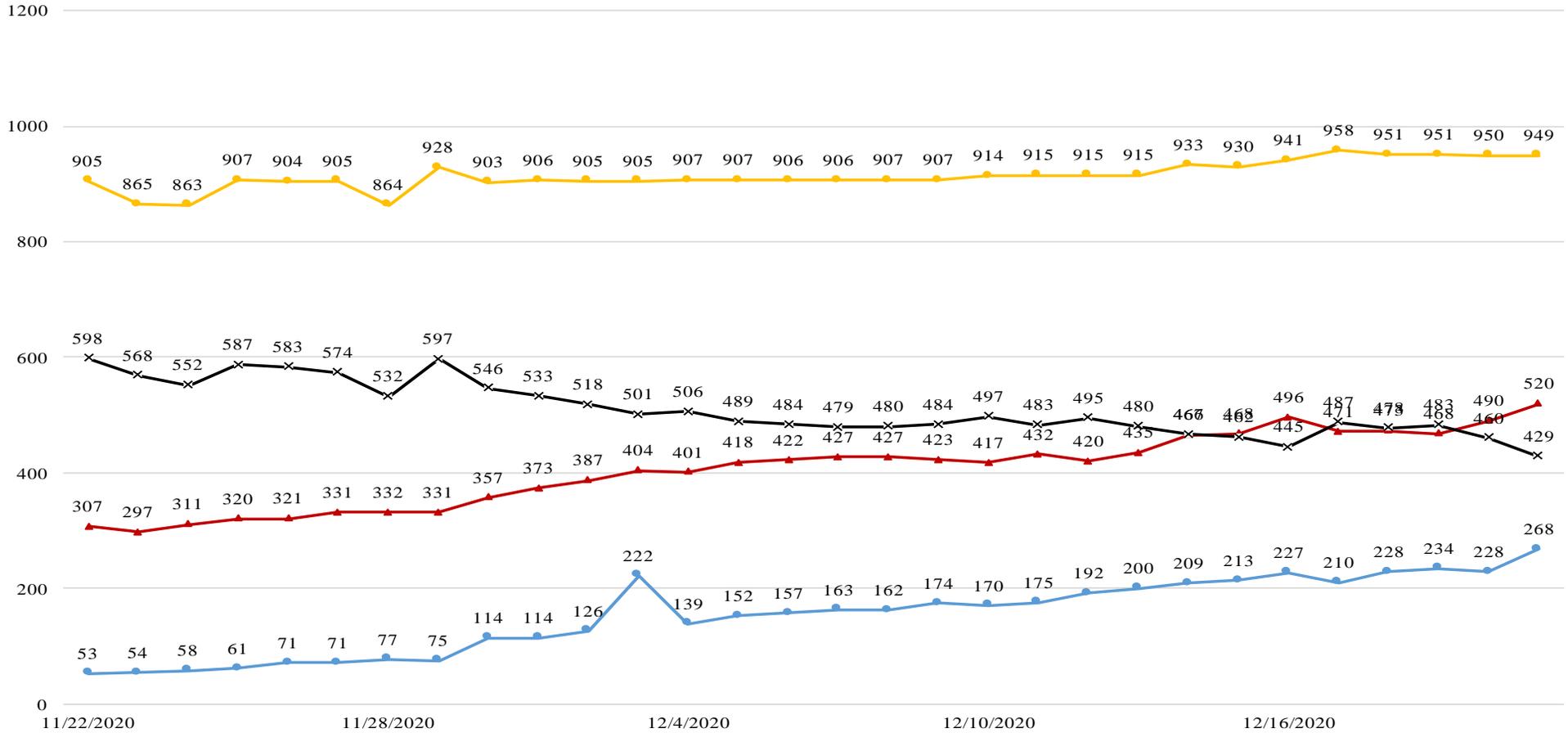
| DATE	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20	12/21
COVID+ ●	53	54	58	61	71	71	77	75	114	114	126	222	139	152	157	163	162	174	170	175	192	200	209	213	227	210	228	234	228	268
SYSTEM OCC ▲	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	520
SYSTEM AVL ✗	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	429
SYSTEM TTL ◆	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	949

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 (11/22/20 - 12/21/20) | 33 ACUTE CARE FACILITIES REPORTING
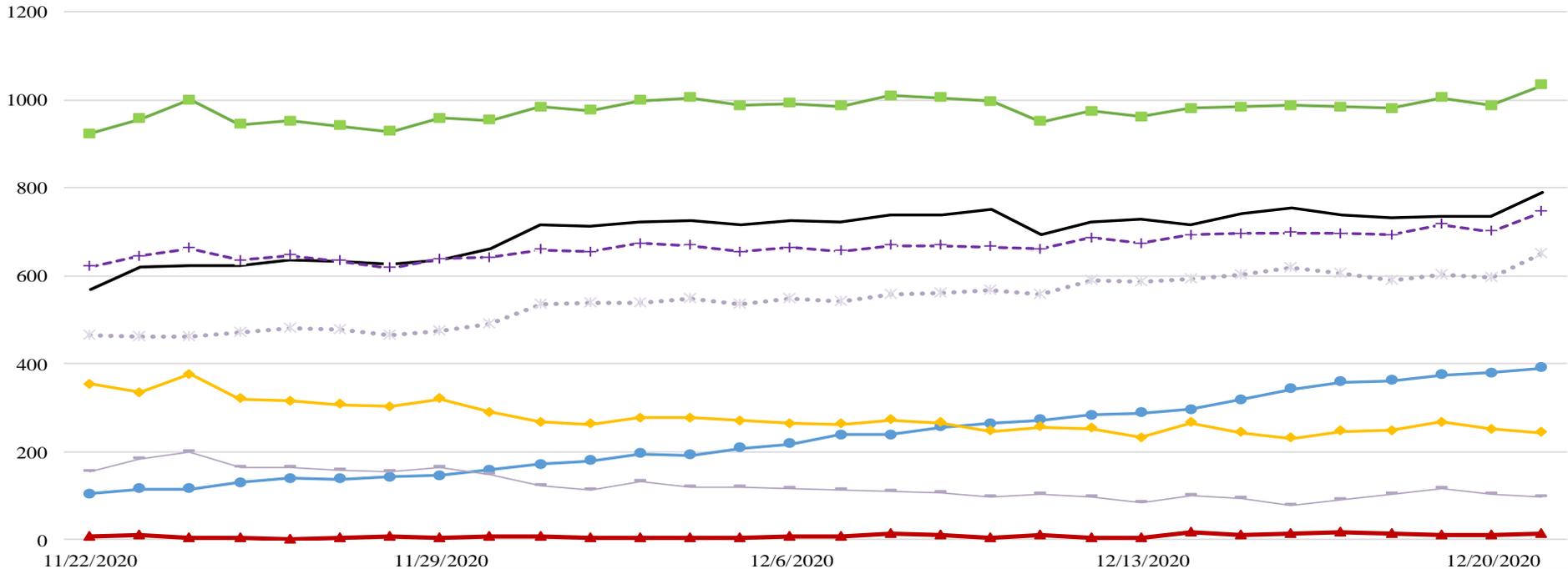
DATE	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20	12/21
CONFIRMED ●	105	116	115	130	139	138	142	146	158	171	179	195	193	209	218	238	239	257	265	273	284	288	296	319	343	358	361	375	380	390
SUSPECTED ▲	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	14
OCCUPIED X	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	790
SYSTEM AVL ◆	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	243
SYSTEM TTL ■	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	1033
CDPH OC OCC ✳	*465*	*461*	*462*	*471*	*482*	*477*	*464*	*476*	*492*	*536*	*540*	*540*	*548*	*535*	*547*	*543*	*557*	*560*	*568*	*556*	*588*	*587*	*592*	*601*	*618*	*606*	*590*	*601*	*597*	*650*
CDPH OC AVL −	*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*	*96*
CDPH OC TTL +	*621*	*644*	*663*	*635*	*646*	*634*	*618*	*639*	*641*	*659*	*654*	*673*	*669*	*655*	*664*	*656*	*668*	*668*	*665*	*660*	*686*	*673*	*693*	*696*	*697*	*696*	*693*	*717*	*700*	*746*

*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*

Reporting Date: 12/21/20* (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	15	9	5	1	0	3
Surgical Masks	19	7	3	1	0	3
Face Shields	20	3	4	1	2	3
Gloves	11	4	10	3	2	3
Gowns	12	7	8	3	0	3

*Data Source: ReddiNet

Reported Service Category Status Acute Care Hospitals w/ Emergency Departments (#25) Updated 12/22/20 **NOTE**: 24 of 25 EDs Responded		
Status Item		
Command Center Activated	16	64%
Surge Plan Activated	20	80%
Canceled Procedures/Services	15	60%
Supply Issues	13	52%
CDPH Flex	15	60%
Increased Morgue Capacity	16	64%

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 12/21/20			
	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)	4.2		
Absolute COVID-19 Census in the hospital			1806
Hospital census as a percentage of capacity	67%		
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: <u>Gloves, Wipes, Syringes, Needles</u>

Total Activity – Updated 12/21/20 at 1530		
INQUIRIES	**RR RECEIVED**	**RR FILLED**
16,473 +140	9,389 +81	7,563 +68
Total Denied Requests: 779 / Total Redacted Requests: 807		

Logistics Daily Units Distributed 12-21-20	
N95 Mask	11,200
Surgical Mask	11,000
Gown	55,500
Gloves	159,000
Face Shields/Eye Protection	100
Hand Sanitizer	100
Other	6,938
Total Units	**243,838**

Inventory Report February 18 to December 22, 2020 Medical Supply/Equipment Total Units Distributed	
N95 Mask	4,917,665
Surgical Mask	1,936,555
Gowns	1,895,241
PPE-Suit	17,965
Gloves	4,343,250
Eye Protection	353,429
Hand Sanitizer	310,388
Other Items	1,805,165
Total Units	**15,579,658**

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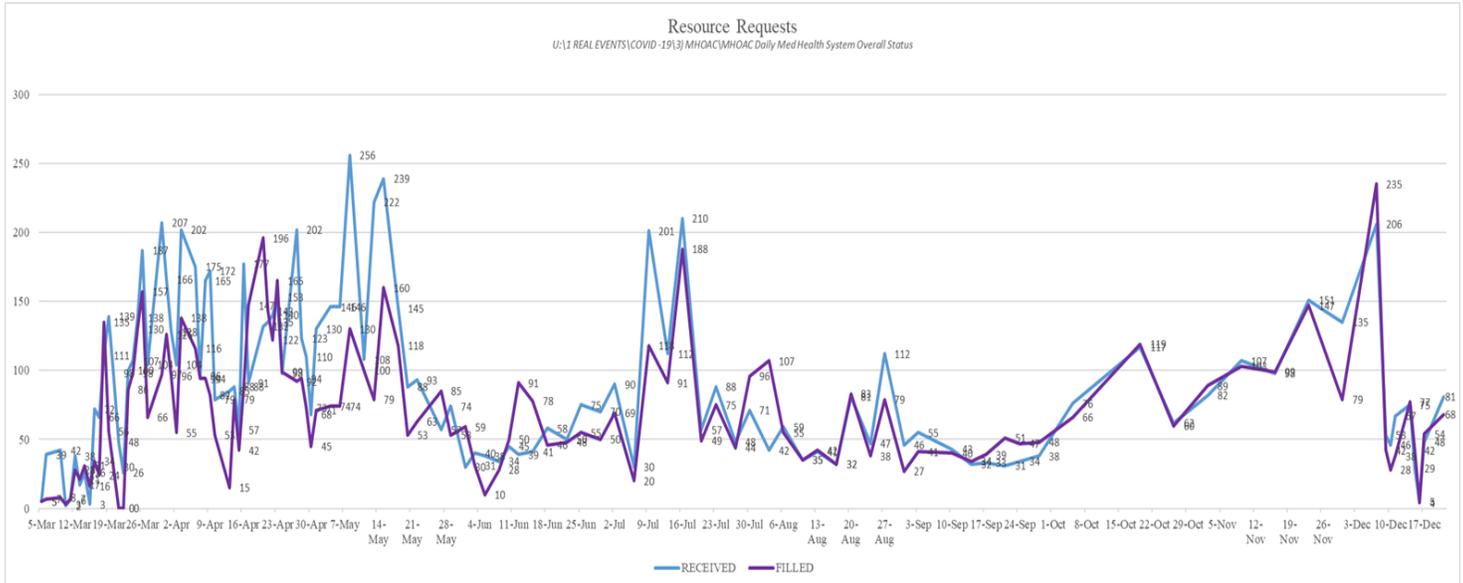
ALTERNATE CARE SITE (ACS)

- 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 12/22/2020 09:00)	CURRENT	TOTAL
Orange County	7	10
LA County	5	10
Riverside	1	1
San Diego County	0	0
Ventura County	0	0
Total patients CENSUS / TOTAL ACCEPTED	13	21
Patients Discharged		TOTAL
DISCHARGED		8

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 (25 bed) – confirmed**
    - **Los Alamitos (25 bed) – confirmed**