OVERVIEW OF CURRENT SITUATION (12/15/20 1030) *Source: Johns Hopkins University & Medicine https://coronavirus.jhu.edu/map.html*
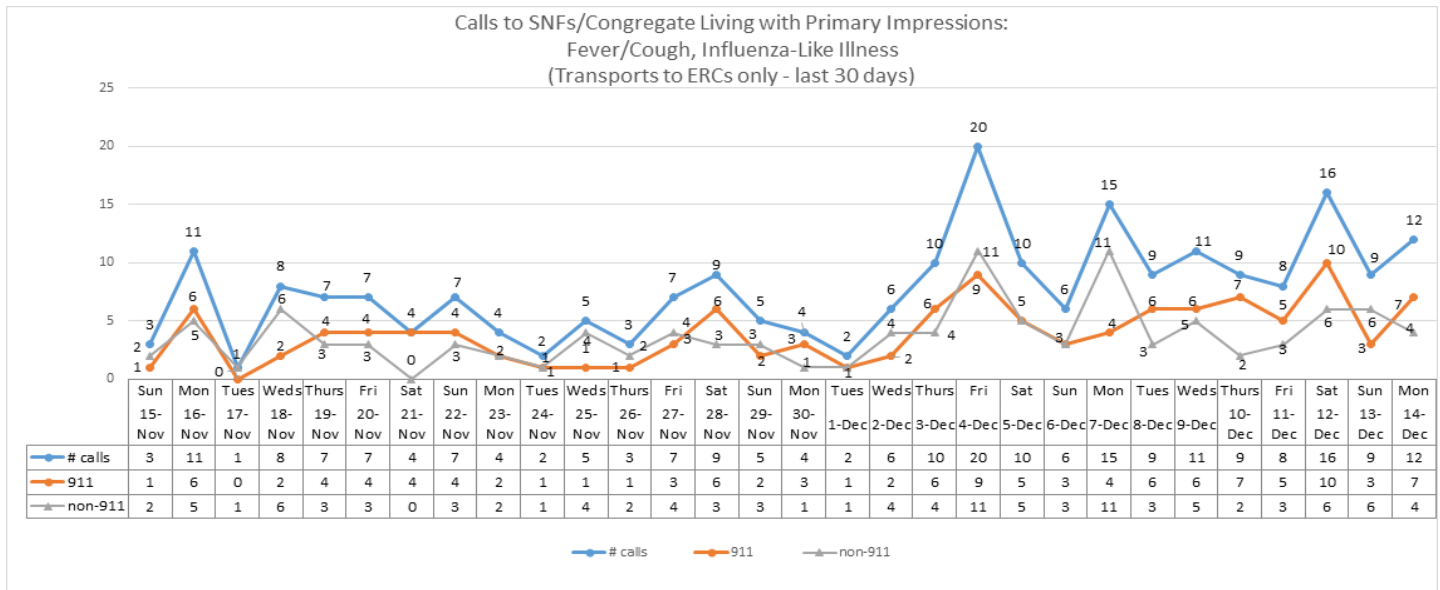
            Cases   / Deaths

Worldwide: 16,557,151 / 1,627,892
Nationwide: 16,557,151 / 301,532
California: 1,612,100 / 21,151
Orange Co: 107,937 / 1,695 *Source: Orange County COVID-19 Case Counts & Testing Figures*

ORANGE COUNTY PUBLIC HEALTH (as of 12/15/20 1000)

Orange County COVID-19 Summary* *click for full details*	Sat 12/12/20	Sun 12/13/20	Mon 12/14/20	Tue 12/15/20	Wed 12/16/20	Thu 12/17/20	Fri 12/18/20
Cases Reported to Date	99,393	102,514	105,764	107,937			
Deaths Reported to Date	1,680	1,694	1,694	1,695			
Tests Reported Today	31,605	21,438	25,763	34,641			
Cumulative Tests to Date	1,672,921	1,672,921	1,720,122	1,754,763			
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 Illness (Transports to ERCs only - last 30 days)

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

Reporting Date: 12/14/2020 (70/73 SNFs reported)	Days on Hand			
	0 - 3 days	4 - 7 days	8-14 days	15+ days
N95 Masks	0	3	12	55
Surgical Masks	0	3	8	59
Eye Protection	0	4	8	58
Gowns	0	3	9	58
Gloves	0	3	9	58
Alcohol-Based Hand Sanitizer	0	4	8	58

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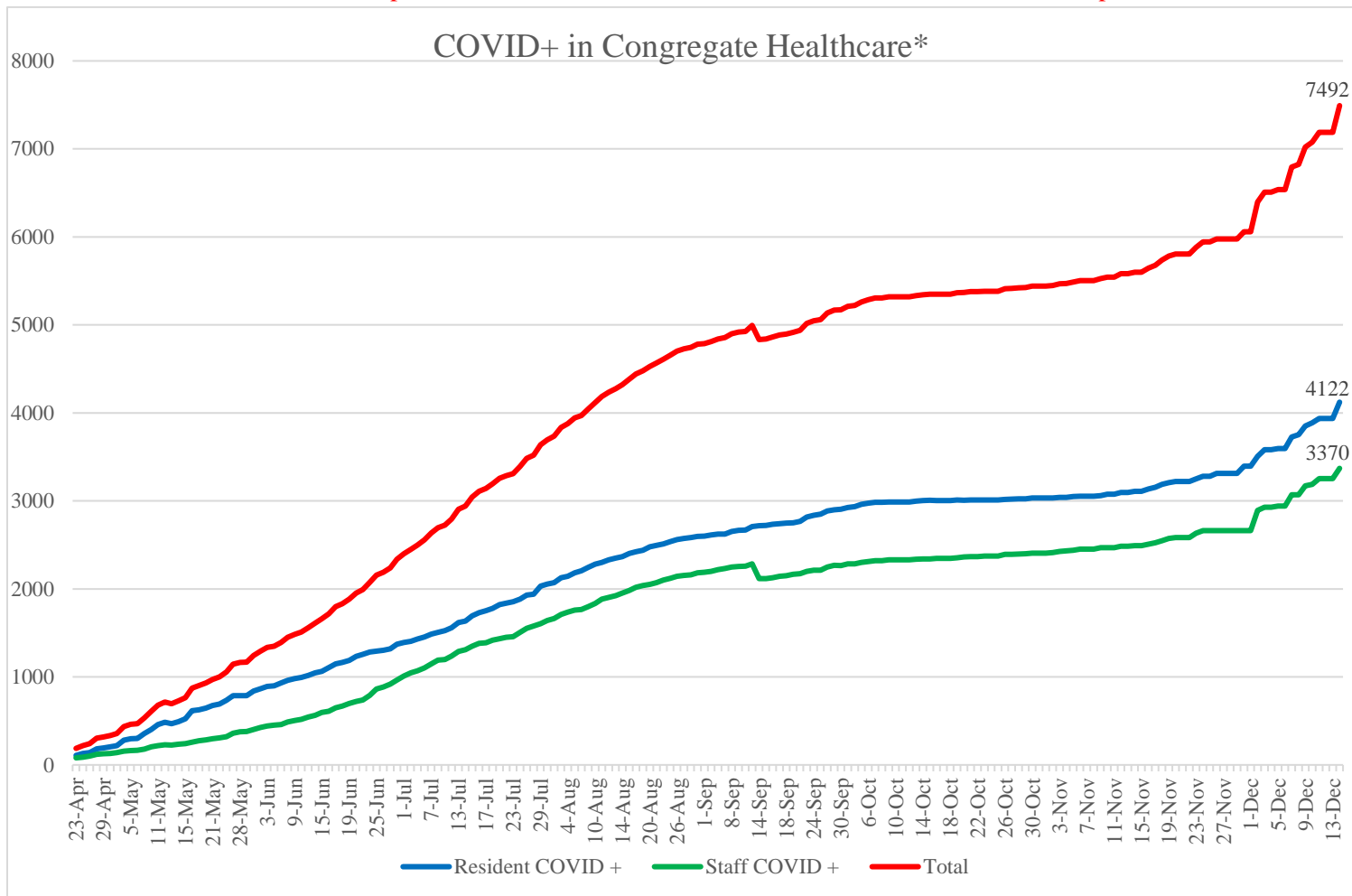
*Data Source: Orange County Health Care Agency – Public Health

| Current Facility Outbreaks (as of 12/14/20 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	32	Advanced Rehab Center Of Tustin, Anaheim Crest Nursing Center, Anaheim Healthcare Center, Llc, Buena Park Nursing Center, Capistrano Beach Care Center, Coventry Court Health 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, New Orange Hills, Newport Nursing And Rehabilitation Center, Pacific Haven Subacute And Healthcare Center, Park Regency Care Center, Regents Point - Windcrest, Sea Cliff Healthcare Center, South Coast Post Acute, St. Edna Subacute And Rehabilitation Center, Stanley Healthcare Center, The Pavilion At Sunny Hills, Town And Country Manor, Tustin Care Center, 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 Dana Point, 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, Citrus Hills Assisted Living, Crescendo Senior Living, Fullerton Rosewood Assisted Living, Fullerton Villa, Harvest Retirement, Huntington Terrace, Ivy Cottages I, Karlton Residential Care Center, Katella Senior Living Community, Kirkwood Orange, Mainplace Senior Living, Meadowlark Gardens Ii, 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, Saddleback F.m.j. Elderly Care Home, Seaside Terrace Retirement Community, Silverado Brea Llc, Sunrise Assisted Living Of Fullerton, 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 continues to increase 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 12/15/20).
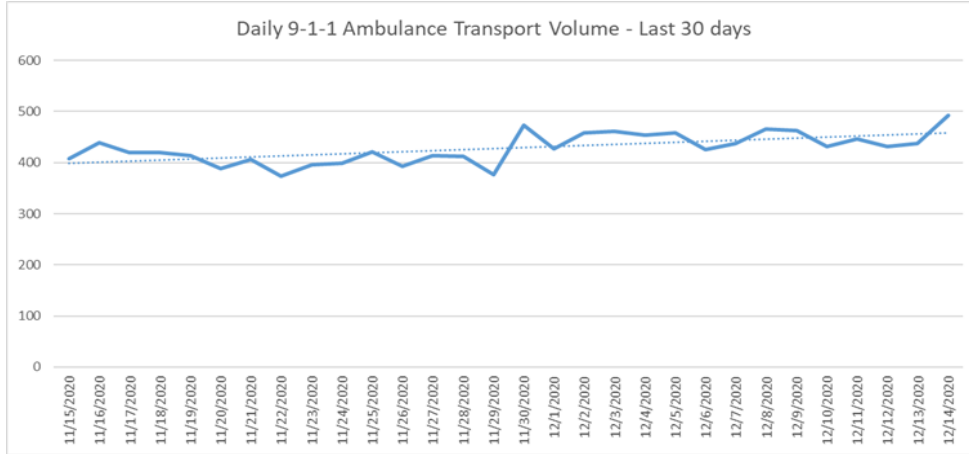
Non-emergency ambulance transports declined yesterday, but ==continue to average about 15-20% below normal== (pre-COVID) levels overall (Updated 12/15/20).
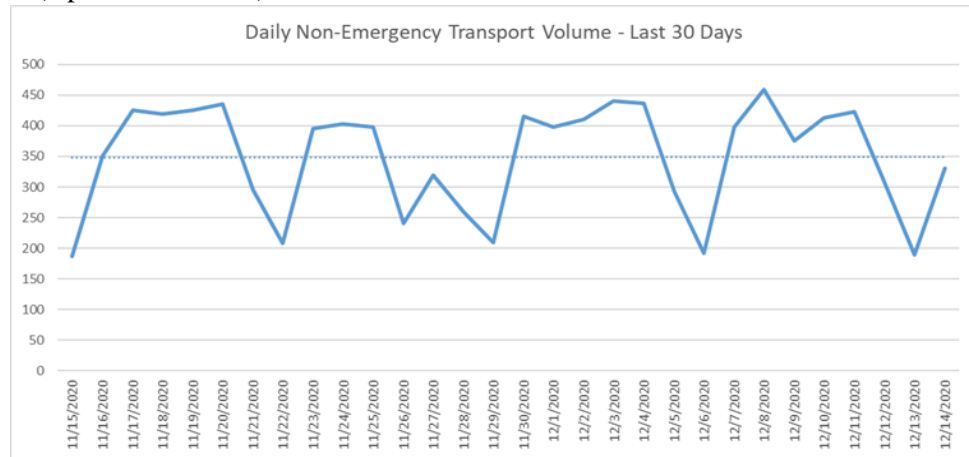
- Primary Impressions of Cold/Flu/ILI by 9-1-1 EMS providers ==continue to increase and are now > 10%== of all daily 9-1-1 transports (Updated 12/15/20).
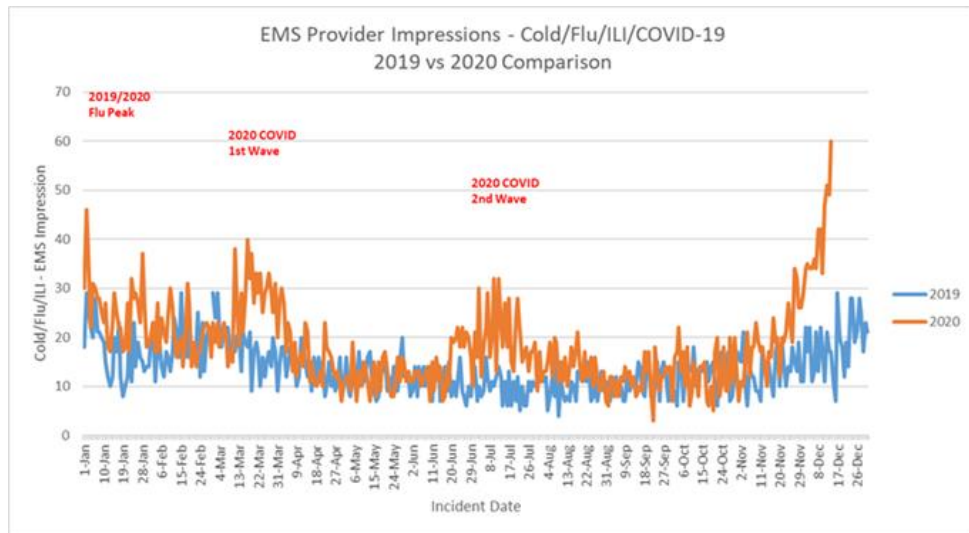
- Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: **Current Average APOT is: 29m51s / Current 90th Percentile APOT is: 70m23s**

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

- Nineteen (19) ERCs had APOT times greater than thirty (30) minutes.
- Fourteen (14) 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.
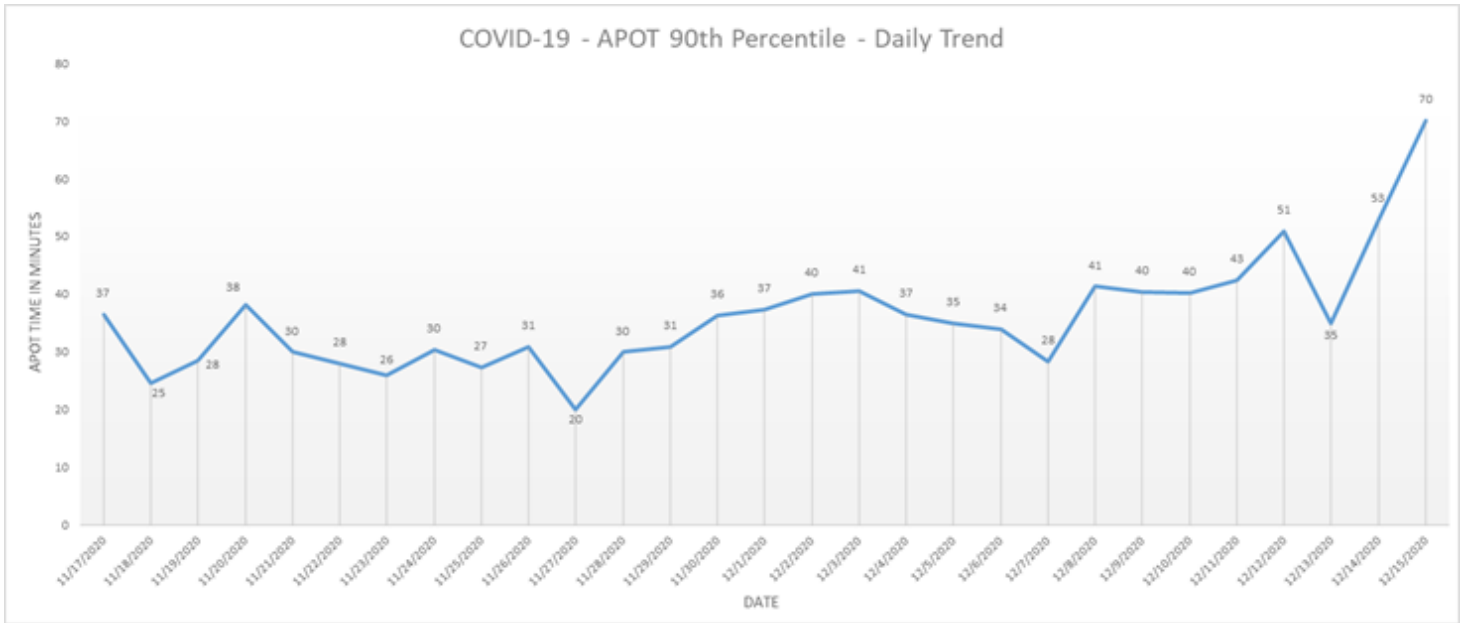
*Data Source: Orange County Medical Emergency Data System (OC-MEDS)

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 11/14/20 – 12/14/20 below.

  *Data Source: ReddiNet
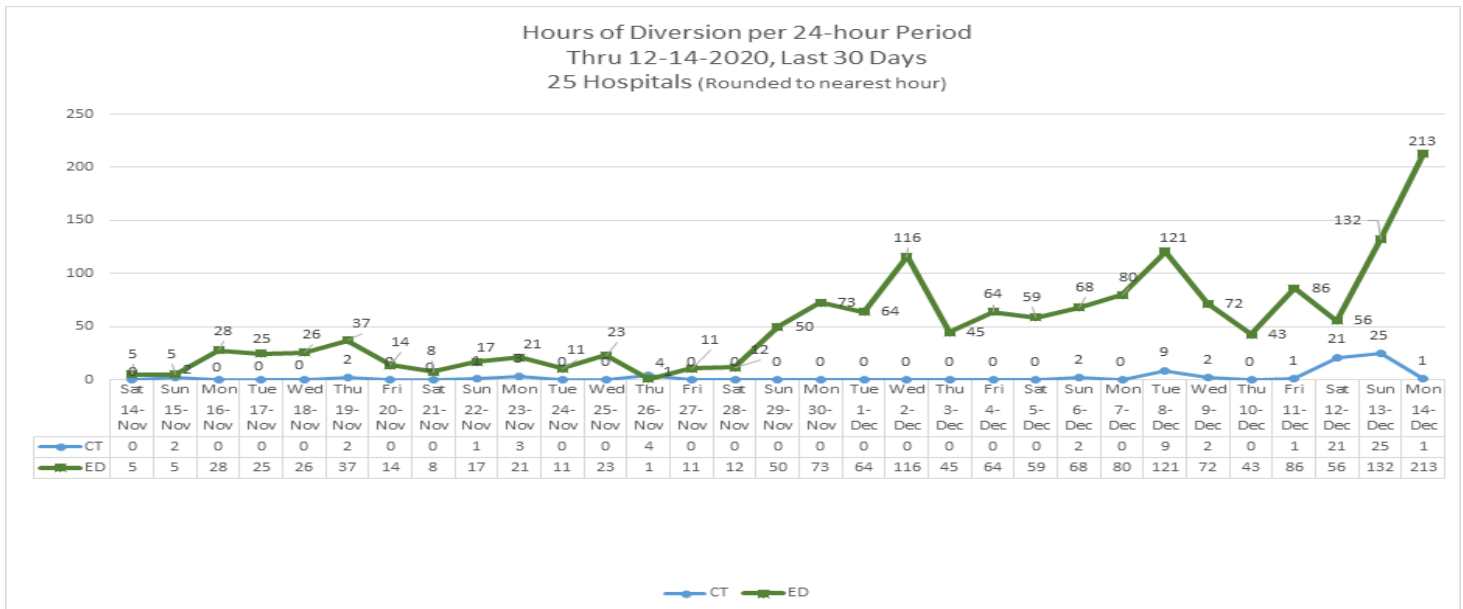
Hours of Diversion per 24-hour Period
Thru 12-14-2020, Last 30 Days
25 Hospitals (Rounded to nearest hour)

	Sat 14-Nov	Sun 15-Nov	Mon 16-Nov	Tue 17-Nov	Wed 18-Nov	Thu 19-Nov	Fri 20-Nov	Sat 21-Nov	Sun 22-Nov	Mon 23-Nov	Tue 24-Nov	Wed 25-Nov	Thu 26-Nov	Fri 27-Nov	Sat 28-Nov	Sun 29-Nov	Mon 30-Nov	Tue 1-Dec	Wed 2-Dec	Thu 3-Dec	Fri 4-Dec	Sat 5-Dec	Sun 6-Dec	Mon 7-Dec	Tue 8-Dec	Wed 9-Dec	Thu 10-Dec	Fri 11-Dec	Sat 12-Dec	Sun 13-Dec	Mon 14-Dec
CT	0	2	0	0	0	2	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
ED	5	5	28	25	26	37	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

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
11/27	3412	65%	534	138	452	114	20%	25	43	63%	634	157	25%	33%	63%
11/28	3461	68%	583	142	437	113	21%	27	41	60%	618	154	25%	33%	62%
11/29	3460	64%	607	146	451	120	21%	25	43	63%	639	163	26%	34%	64%
11/30	3561	68%	648	158	456	117	20%	36	32	47%	641	149	23%	30%	60%
12/1	3894	71%	689	171	489	102	17%	47	21	31%	659	123	19%	27%	59%
12/2	3978	72%	735	179	501	85	15%	39	29	43%	654	114	17%	27%	57%
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%

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 types.

Orange County Emergency Medical Services
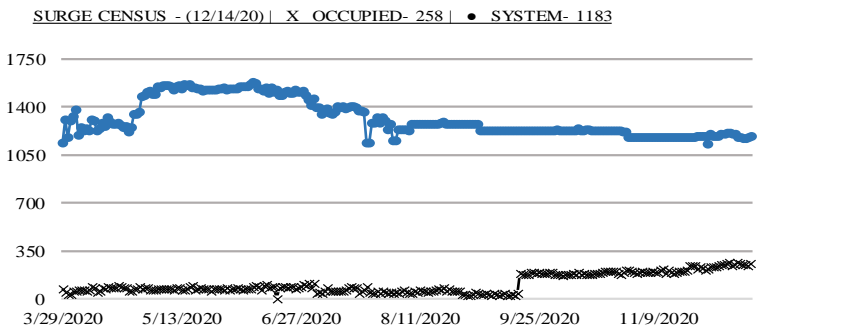## Medical Health Operational Area Coordination (MHOAC)
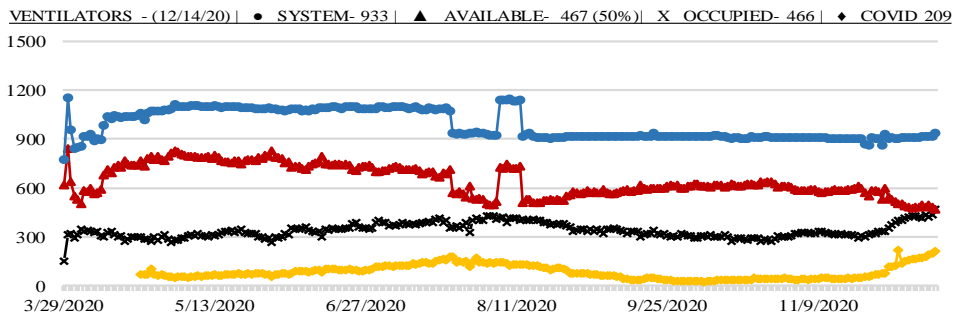*Online at: http://www.healthdisasteroc.org/ems/archive*
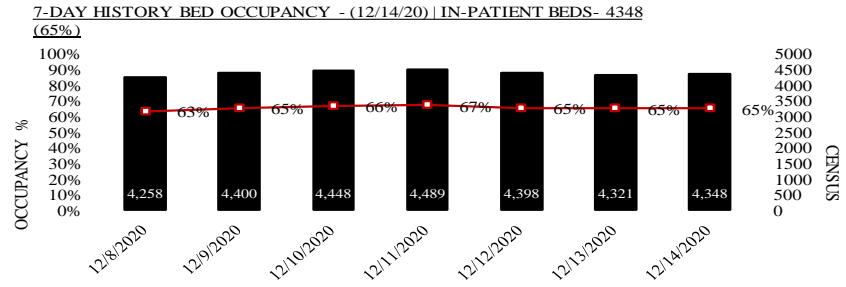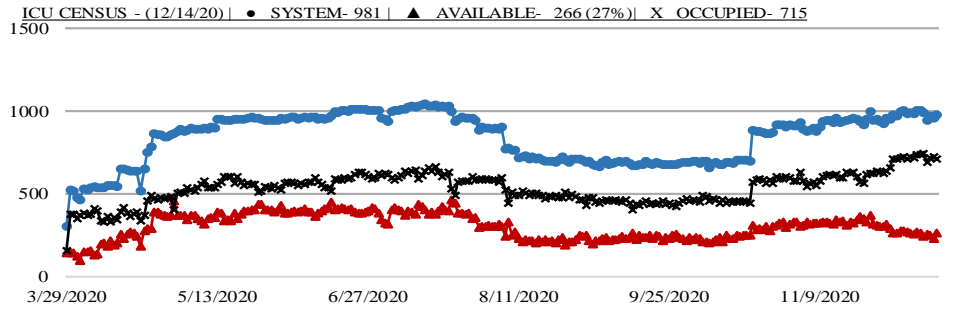### 12/15/20
<u>COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)</u>

NON-ICU - 12/14/20 X			ICU - 12/14/20 ▲			ED OVERFLOW - 12/14/20 ♦			SYSTEM - 12/14/20 ●			1 DAY +/- (12/13/20)			3 DAY +/- (12/12/20)			7 DAY +/- (12/08/20)		
1075	76	7.6%	296	8	2.8%	121	39	47.6%	1371	84	6.5%	1371	84	6.5%	1236	135	10.9%	974	397	40.8%
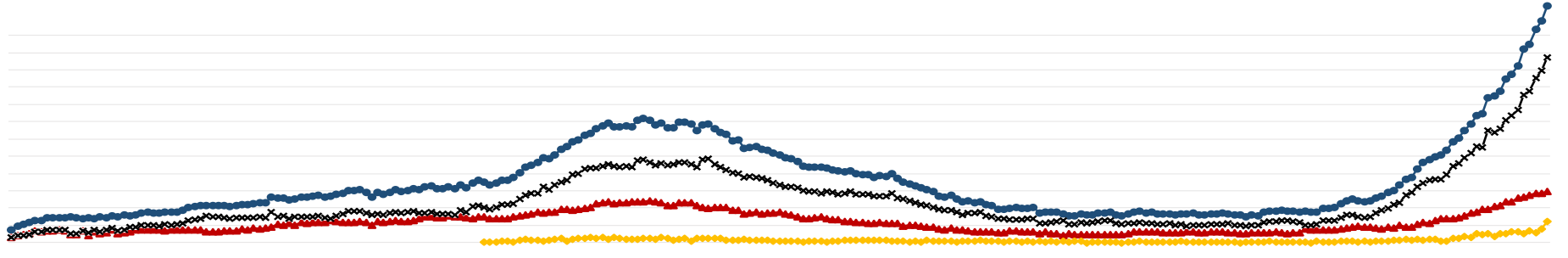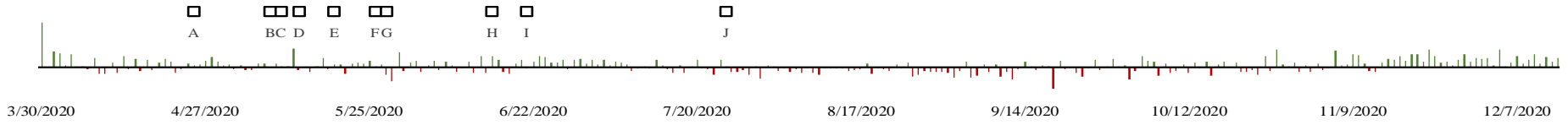
A. Face Covers Mandatory, B. Cinco de Mayo, C. OC Beaches Open, D. Mom's Day, E. OC Parks Parking Open, F. OC Stage 2 Approved, G. Memorial Day, H. Re-open entertainment, etc., I. CA Gov. Mask Mandate, J. Changes to data collection, Federal direction

ICU CENSUS - (12/14/20) | ● SYSTEM- 981 | ▲ AVAILABLE- 266 (27%)| X OCCUPIED- 715

266 AVAILBLE ICU   27%

7-DAY HISTORY BED OCCUPANCY - (12/14/20) | IN-PATIENT BEDS- 4348 (65%)

	12/8/2020	12/9/2020	12/10/2020	12/11/2020	12/12/2020	12/13/2020	12/14/2020
OCCUPANCY %	63%	65%	66%	67%	65%	65%	65%
CENSUS	4,258	4,400	4,448	4,489	4,398	4,321	4,348

VENTILATORS - (12/14/20) | ● SYSTEM- 933 | ▲ AVAILABLE- 467 (50%)| X OCCUPIED- 466 | ♦ COVID 209

467 AVAILBLE VENTS   50%

SURGE CENSUS - (12/14/20) | X OCCUPIED- 258 | ● SYSTEM- 1183

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)
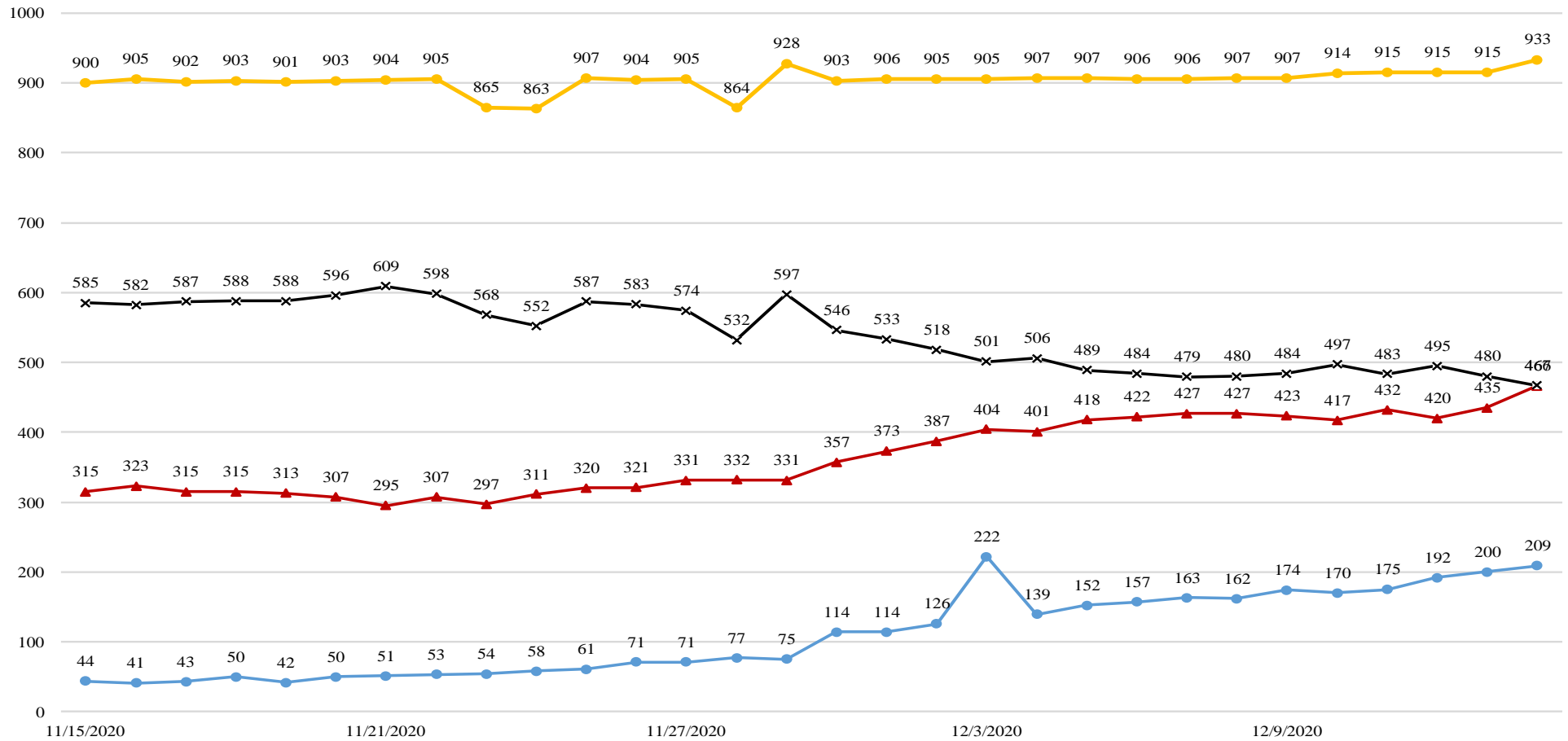## VENTILATORS IN USE (11/15/20 - 12/14/20) | 33 ACUTE CARE FACILITIES REPORTING

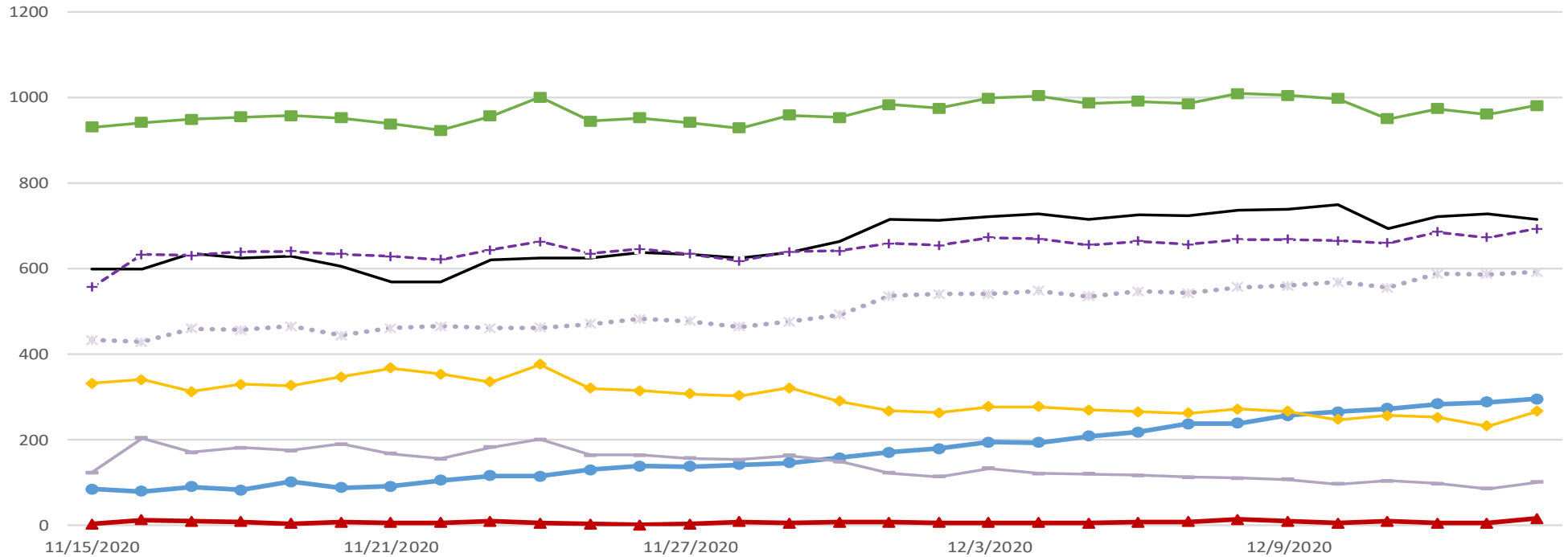| DATE	11/15	11/16	11/17	11/18	11/19	11/20	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14
COVID+	44	41	43	50	42	50	51	53	54	58	61	71	71	77	75	114	114	126	222	139	152	157	163	162	174	170	175	192	200	209
SYSTEM OCC	315	323	315	315	313	307	295	307	297	311	320	321	331	332	331	357	373	387	404	401	418	422	427	427	423	417	432	420	435	466
SYSTEM AVL	585	582	587	588	588	596	609	598	568	552	587	583	574	532	597	546	533	518	501	506	489	484	479	480	484	497	483	495	480	467
SYSTEM TTL	900	905	902	903	901	903	904	905	865	863	907	904	905	864	928	903	906	905	905	907	907	906	906	907	907	914	915	915	915	933

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 (11/15/20 - 12/14/20) | 33 ACUTE CARE FACILITIES REPORTING

DATE	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	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
CONFIRMED ●	85	79	90	83	102	88	91	105	116	115	130	139	138	142	146	158	171	179	195	193	209	218	238	239	257	265	273	284	288	296
SUSPECTED ▲	3	13	10	9	4	8	7	7	10	5	3	1	3	9	5	8	8	6	6	6	5	8	9	14	10	5	10	5	5	16
OCCUPIED X	599	600	636	624	630	605	570	569	621	624	624	637	634	625	637	663	715	712	721	727	716	726	723	737	739	750	693	721	729	715
SYSTEM AVL ◆	332	341	313	330	327	347	368	354	335	376	320	315	307	303	321	290	268	263	277	277	270	265	262	272	266	247	257	253	232	266
SYSTEM TTL ■	931	941	949	954	957	952	938	923	956	1000	944	952	941	928	958	953	983	975	998	1004	986	991	985	1009	1005	997	950	974	961	981
CDPH OC OCC ✳	433	429	460	457	465	444	461	465	461	462	471	482	477	464	476	492	536	540	540	548	535	547	543	557	560	568	556	588	587	592
CDPH OC AVL -	124	204	171	182	175	190	168	156	183	201	164	164	157	154	163	149	123	114	133	121	120	117	113	111	108	97	104	98	86	101
CDPH OC TTL +	557	633	631	639	640	634	629	621	644	663	635	646	634	618	639	641	659	654	673	669	655	664	656	668	668	665	660	686	673	693

*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: 12/14/20* (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	17	7	5	1	0	3
Surgical Masks	20	5	4	1	0	3
Face Shields	18	4	5	2	1	3
Gloves	13	5	5	4	3	3
Gowns	13	8	8	1	0	3

*Data Source: ReddiNet

Reported Service Category Status Acute Care Hospitals w/ Emergency Departments (#25) Updated 12/15/20 **NOTE**: 22 of 25 EDs Responded		
Status Item		
Command Center Activated	15	60%
Surge Plan Activated	16	64%
Canceled Procedures/Services	7	28%
Supply Issues	7	28%
CDPH Flex	14	56%
Increased Morgue Capacity	14	56%

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 12/15/20			
	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)		3.2	
Absolute COVID-19 Census in the hospital			1371
Hospital census as a percentage of capacity	65%		
Supply of PPE available in the hospitals		2 to 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 12/14/20 at 1530		
INQUIRIES	**RR RECEIVED**	**RR FILLED**
16,219 +97	9,232 + 75	7,386 +77
Total Denied Requests: 774 / Total Redacted Requests: 795		

Logistics Daily Units Distributed 12-14-20	
N95 Mask	18,660
Surgical Mask	11,000
Gown	12,300
Gloves	121,000
Face Shields/Eye Protection	10,600
Hand Sanitizer	100
Other	1151,32
Total Units	**288,792**

Inventory Report February 18 to December 14, 2020	
Medical Supply/Equipment Total Units Distributed	
N95 Mask	4,892,365
Surgical Mask	1,905,455
Gowns	1,832,141
PPE-Suit	17,965
Gloves	4,044,850
Eye Protection	352,701
Hand Sanitizer	310,098
Other Items	1,773,062
Total Units	**15,128,637**

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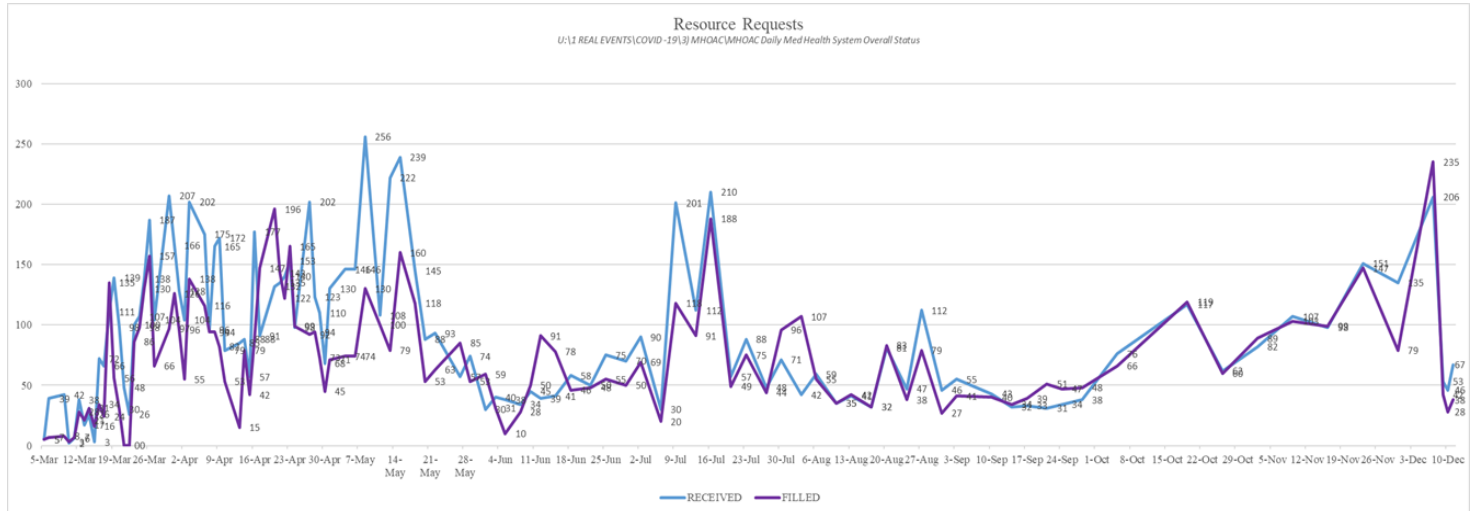
ALTERNATE CARE SITE (ACS)

- Fairview Developmental Center ACS scheduled to open for admissions **TODAY, 12/15/20 1800**
- Hospitals/SNFs need to refer to AFL-20-48: Transfers to Low Acuity ACS During COVID-19 Pandemic at https://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-48.aspx

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**
    - **St. Jude (25 bed) – confirmed**
    - **Fountain Valley (50 bed) – confirmed**
    - Hoag – Newport (50 bed) – not confirmed
    - St. Joseph (25 bed) – not confirmed