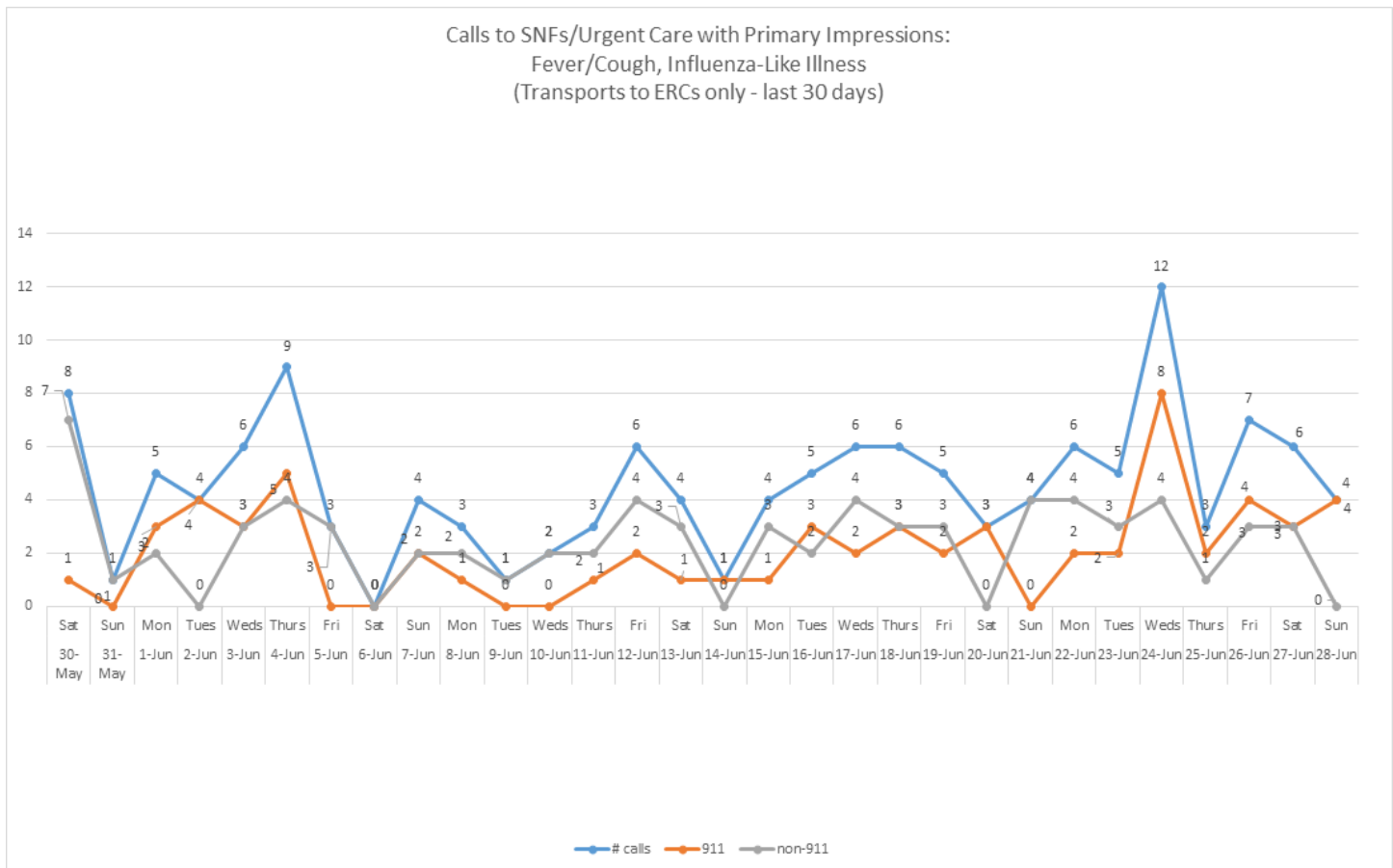


**Orange County Emergency Medical Services**  
**Medical Health Operational Area Coordination (MHOAC)**  
*Online at: <http://www.healthdisasteroc.org/ems/archive>*  
**07/01/20**

**OVERVIEW OF CURRENT SITUATION (07/01/20 0730)** *Source: Johns Hopkins University & Medicine <https://coronavirus.jhu.edu/map.html>*

Cases / Deaths  
 Worldwide: 10,509,749 / 512,114  
 Nationwide: 2,637,380 / 127,457  
 California: 232,275 / 6,089  
 Orange County: 14,413 / 345 *Source: [Orange County COVID-19 Case Counts & Testing Figures](#)*

**SKILLED NURSING/ASSISTED LIVING/RESIDENTIAL CARE FACILITY – TRENDS**

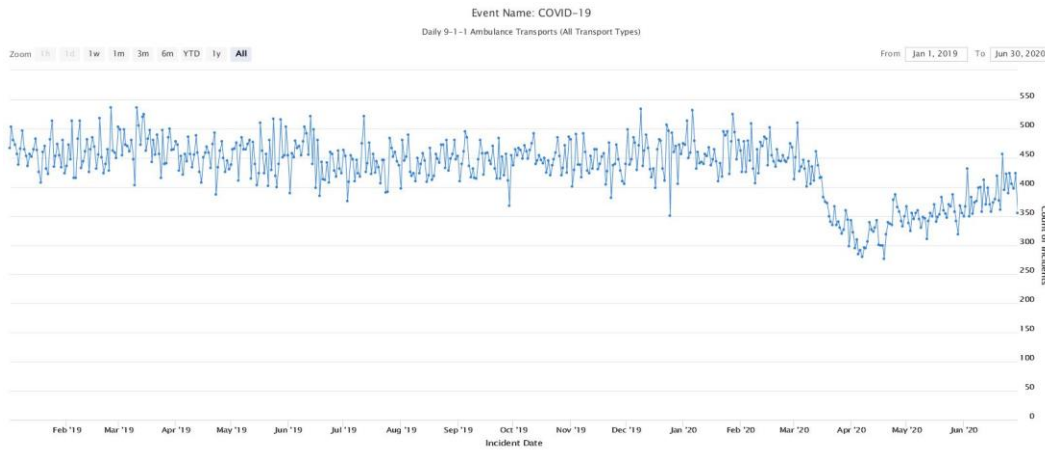


Reporting Date: 7/01/20 (71 SNFs reported)	Skilled Nursing Facility PPE – DAYS ON HAND*			
	0 - 3 days	4 - 7 days	8-14 days	15+ days
N95 Masks	1	7	20	43
Surgical Masks	0	6	19	46
Eye Protection	0	7	21	43
Gowns	0	6	20	45
Gloves	0	5	25	41
Alcohol-Based Hand Sanitizer	0	9	14	48

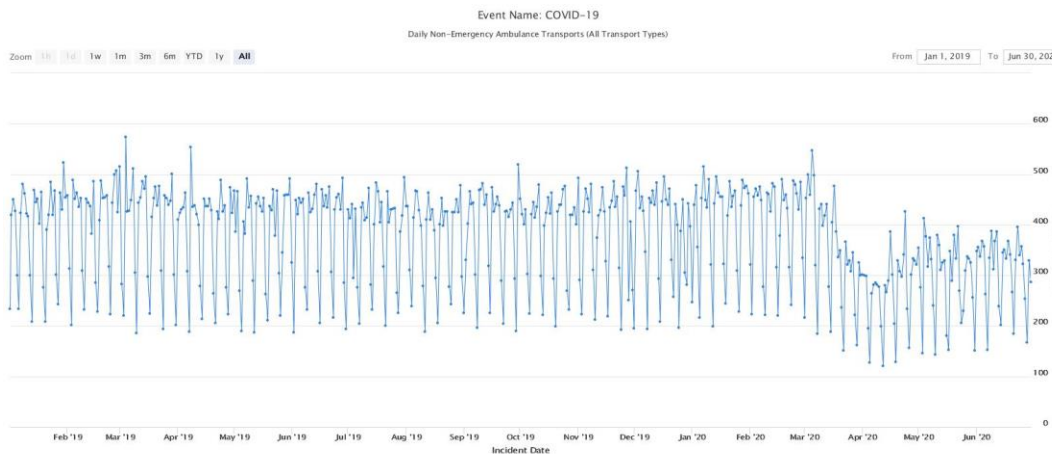
**Orange County Emergency Medical Services**  
**Medical Health Operational Area Coordination (MHOAC)**  
Online at: <http://www.healthdisasteroc.org/ems/archive>  
**07/01/20**

**EMERGENCY MEDICAL SERVICES STATUS**

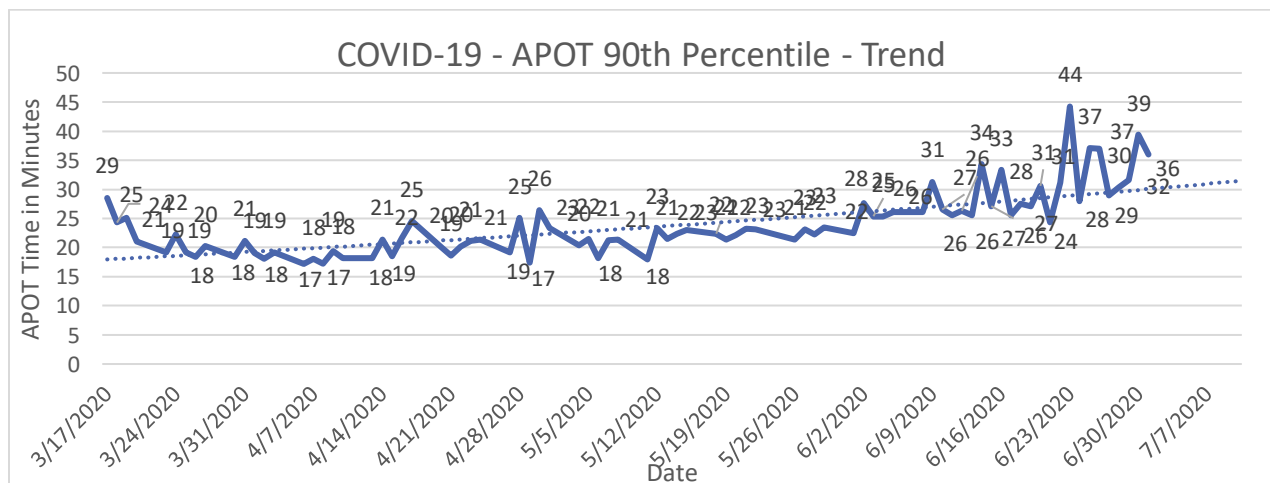
- 9-1-1 ambulance transport volume has increased but still remain about 10-15% below normal average.



- Non-emergency ambulance transports have increased but still remain well below normal at about 35% below average.



- 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 15m24s / Current 90<sup>th</sup> Percentile APOT is 36m02s.**
- APOT continues to trend higher & 10 ERCs recently had times greater than 30 minutes. The chart below displays a daily trend since COVID-19 began.

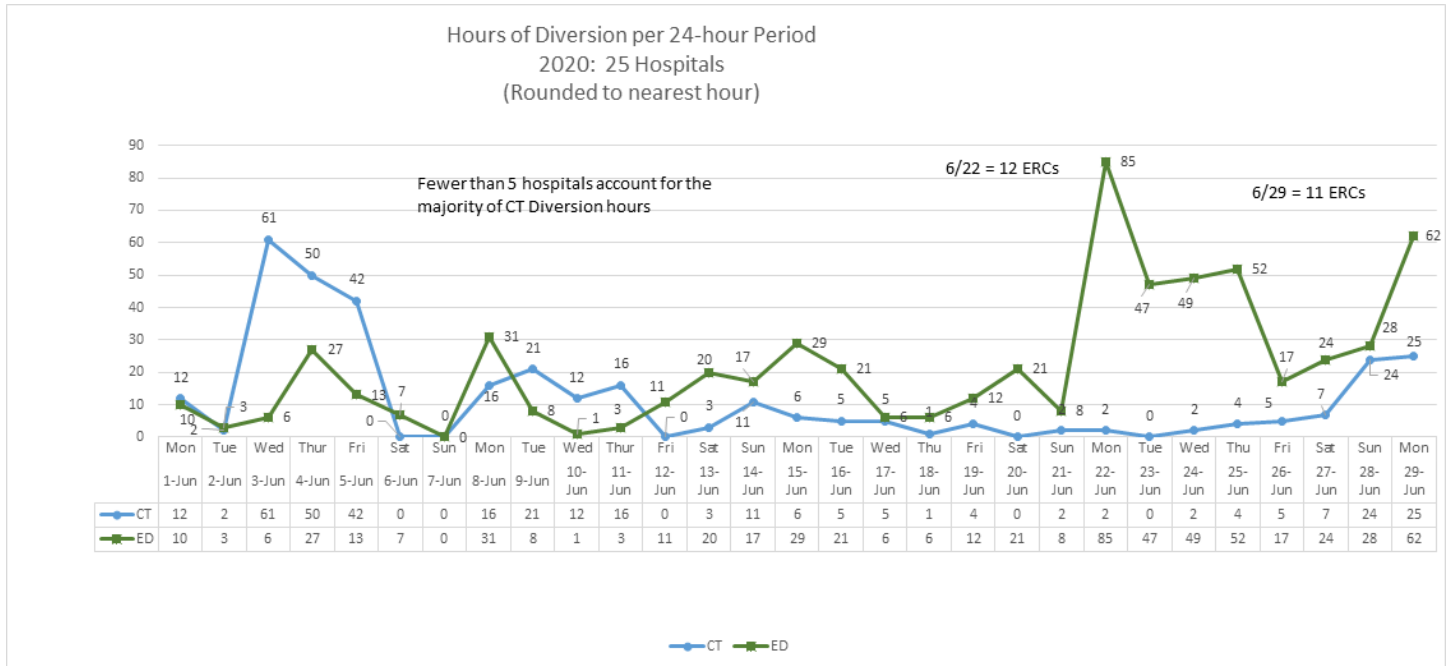


**Orange County Emergency Medical Services  
Medical Health Operational Area Coordination (MHOAC)**

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

**07/01/20**

- Emergency Department (ED) Diversion & Computerized Tomography (CT) (ED closed to all ambulance transport due to no ED capacity or no CT available) for 6/1/20 – 6/29/20 below.



**HOSPITAL STATUS (Emergency Receiving Centers plus one)**

**(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

- Since 4/1/20 – 6/24/20, OC Hospitals have accepted 31 COVID+ interfacility transfers from Imperial County
- As of 7/1/20, hospitals reported 6 patients from Imperial County currently hospitalized

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

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

**07/01/20**

	ALL HOSPITALS (33)						EMERGENCY RECEIVING CENTERS					
DATE	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
6/1	3352	55%	292	121	45%	73%	3024	54%	279	120	45%	76%
6/2	3674	60%	306	130	41%	72%	3317	59%	293	129	41%	76%
6/3	3762	62%	296	124	40%	70%	3408	60%	283	123	41%	73%
6/4	3583	63%	300	123	41%	71%	3228	61%	282	122	41%	74%
6/5	3732	64%	315	131	41%	67%	3332	63%	297	129	42%	70%
6/6	3745	62%	312	139	44%	68%	3402	60%	294	137	44%	72%
6/7	3234	62%	319	146	38%	67%	2945	60%	301	144	38%	69%
6/8	3462	61%	327	149	42%	67%	3126	59%	306	146	43%	70%
6/9	3535	62%	315	146	40%	67%	3196	61%	294	142	41%	69%
6/10	3640	63%	312	143	41%	68%	3264	62%	291	139	41%	71%
6/11	3701	65%	325	156	38%	69%	3374	64%	306	151	39%	72%
6/12	3917	65%	311	150	41%	68%	3425	63%	290	144	42%	73%
6/13	3541	62%	336	150	41%	70%	3222	60%	315	144	42%	72%
6/14	3470	60%	321	143	43%	74%	3154	58%	300	137	44%	76%
6/15	3512	60%	346	138	43%	68%	3153	58%	328	131	44%	71%
6/16	3757	64%	364	151	47%	69%	3386	62%	345	144	48%	72%
6/17	3709	63%	351	149	41%	68%	3344	62%	336	142	42%	71%
6/18	3705	63%	335	141	41%	68%	3329	62%	321	135	42%	71%
6/19	4064	67%	344	138	42%	67%	3448	64%	332	133	43%	71%
6/20	3652	61%	366	144	43%	70%	3467	61%	354	139	44%	73%
6/21	3207	59%	358	140	38%	67%	2910	58%	346	135	39%	69%
6/22	3433	59%	376	152	41%	68%	3092	57%	363	145	42%	71%
6/23	3703	63%	406	154	39%	65%	3361	62%	394	147	39%	68%
6/24	3817	65%	437	161	38%	65%	3474	64%	426	154	39%	68%
6/25	3941	65%	451	166	40%	67%	3592	64%	440	159	41%	70%
6/26	3939	67%	467	179	38%	67%	3513	65%	456	172	39%	70%
6/27	3857	68%	492	170	39%	67%	3534	67%	481	163	40%	70%
6/28	3697	66%	485	175	41%	68%	3375	64%	474	168	41%	71%
6/29	3701	65%	510	176	41%	67%	3357	63%	498	169	41%	70%
6/30	3888	68%	542	192	38%	65%	3537	67%	528	184	39%	68%

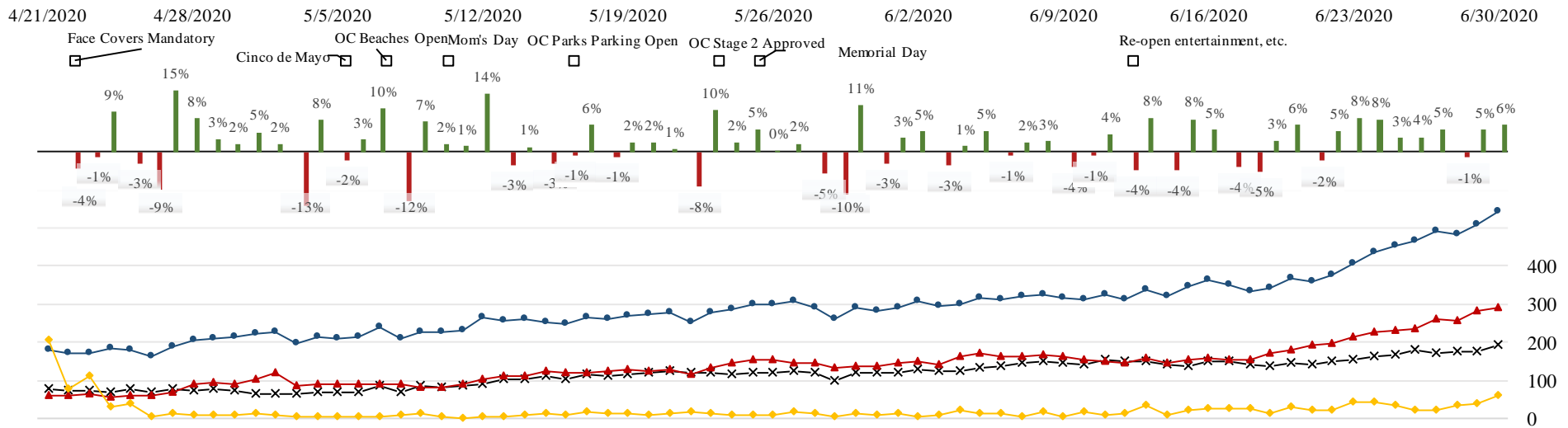
# Orange County Emergency Medical Services Medical Health Operational Area Coordination (MHOAC)

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

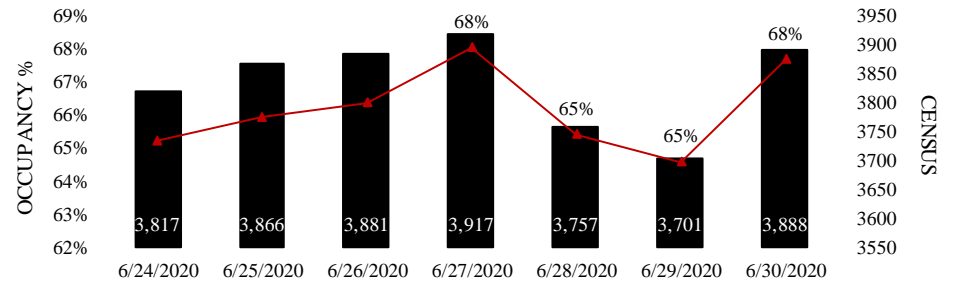
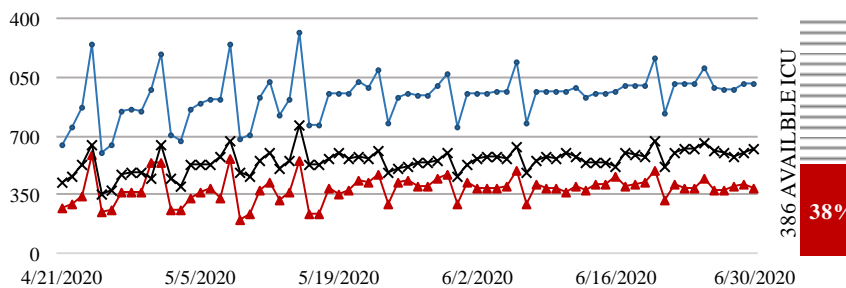
07/01/20

## COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)(04/21/20 - 06/30/20) | 33 ACUTE CARE FACILITIES REPORTING

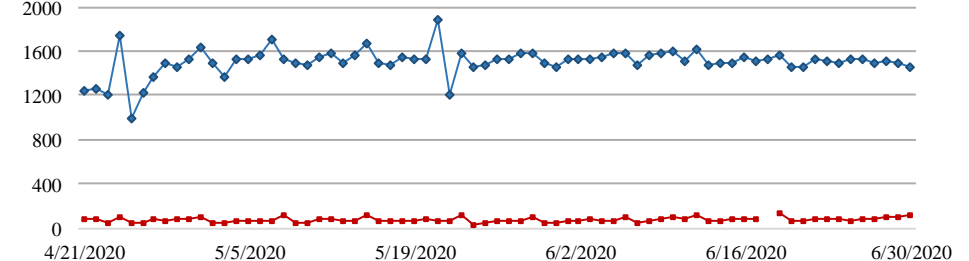
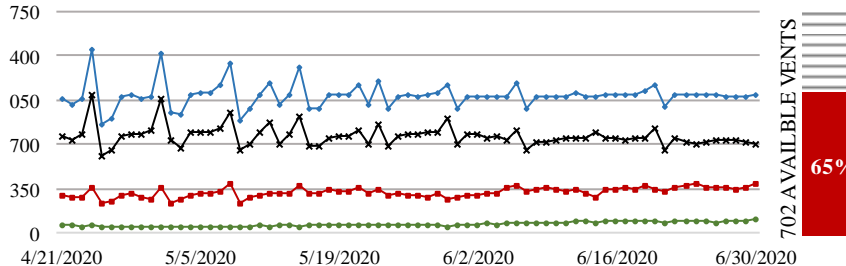
MEDSURG - 06/30/20 X			ICU - 06/30/20 ▲			ED OVERFLOW - 06/30/20 ◆			SYSTEM - 06/30/20 ●			1 DAY +/- (06/29/20)			3 DAY +/- (06/27/20)			7 DAY +/- (06/23/20)		
290	7	2.5%	192	16	9.1%	62	21	51.2%	542	32	6.3%	542	32	6.3%	492	50	10.2%	406	136	33.5%
	▲			▲			▲			▲			▲			▲			▲	



### ICU CENSUS - (06/30/20) | ● SYSTEM - 1010 | ▲ AVAILABLE - 386 (38%) | X OCCUPIED - 62 7-DAY HISTORY BED OCCUPANCY - (06/30/20) | IN-PATIENT BEDS - 3888 (68%)



### VENTILATORS - (06/30/20) | ◆ SYSTEM - 1087 | X AVAILABLE - 702 (65%) | ■ OCCUPIED - 111 SURGE CENSUS - (06/30/20) | ◆ SYSTEM - 1454 | ■ OCCUPIED - 111



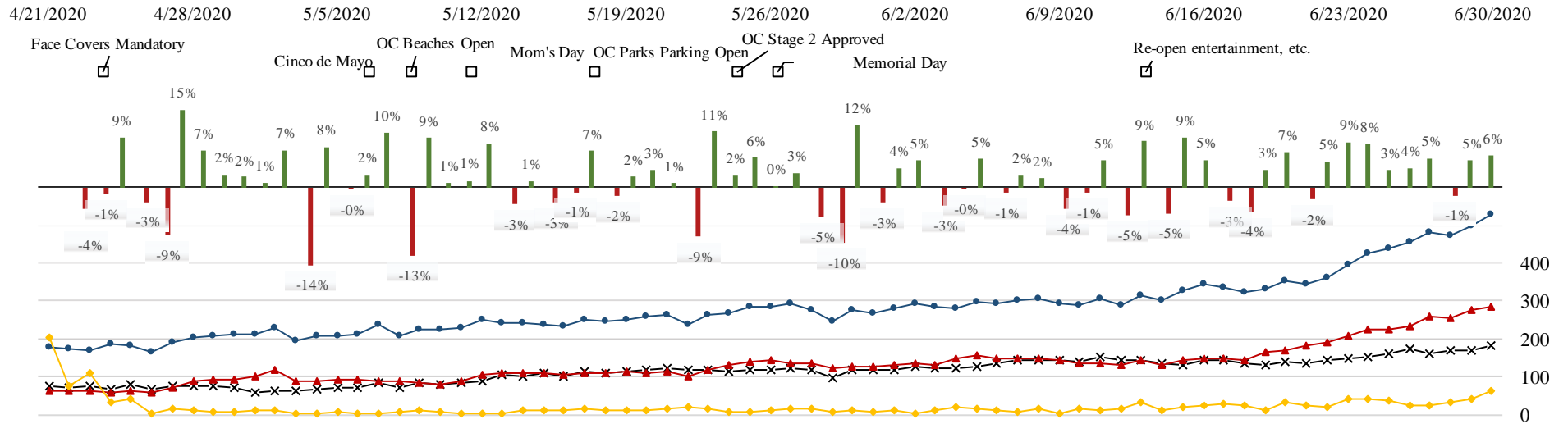
# Orange County Emergency Medical Services Medical Health Operational Area Coordination (MHOAC)

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

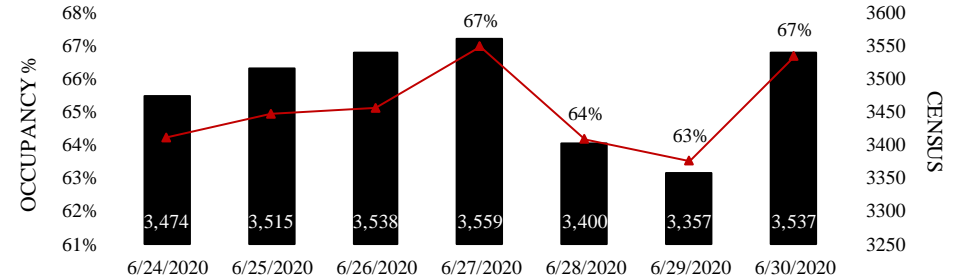
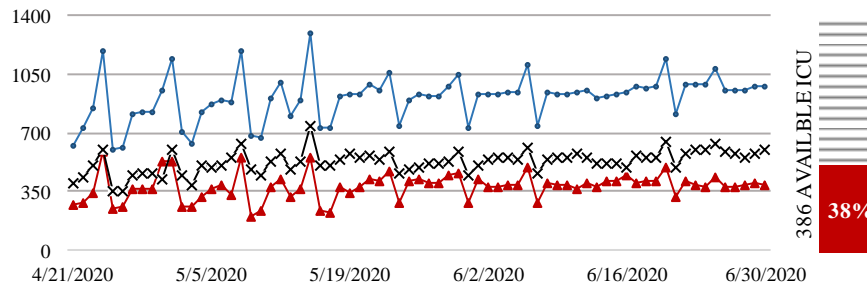
07/01/20

## COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER) (04/21/20 - 06/30/20) | 26 EMERGENCY RECEIVING CENTERS REPORTING

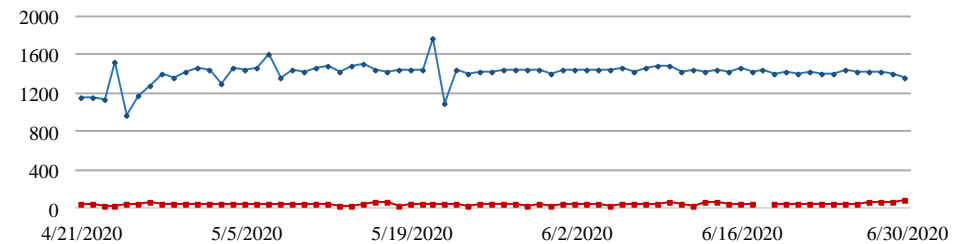
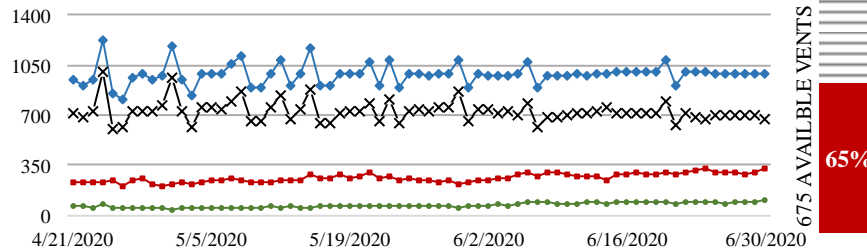
MEDSURG - 06/30/20 X			ICU - 06/30/20 ▲			ED OVERFLOW - 06/30/20 ◆			SYSTEM - 06/30/20 ●			1 DAY +/- (06/29/20)			3 DAY +/- (06/27/20)			7 DAY +/- (06/23/20)		
284	6	2.2%	184	15	8.9%	62	21	51.2%	528	30	6.0%	528	30	6.0%	481	47	9.8%	394	134	34.0%
	▲			▲			▲			▲			▲			▲			▲	



### ICU CENSUS - (06/30/20) | ● SYSTEM - 983 | ▲ AVAILABLE - 386 (38%) | X OCCUPIED - 597 7-DAY HISTORY BED OCCUPANCY - (06/30/20) | IN-PATIENT BEDS - 3537 (68%)



### VENTILATORS - (06/30/20) | ◆ SYSTEM - 995 | X AVAILABLE - 675 (65%) | ■ OCCUPIED - 318 SURGE CENSUS - (06/30/20) | ◆ SYSTEM - 1367 | ■ OCCUPIED - 88



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

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

**07/01/20**

Reporting Date: 6/30/20 ( 33/33 ACHs reported)	Acute Care Hospital PPE – DAYS ON HAND			
	0 - 3 days	4 - 14 days	15+ days	Non Reported
<b>N95 Masks</b>	2	8	17	6
<b>Surgical Masks</b>	2	7	18	6
<b>Face Shields</b>	2	7	18	6
<b>PAPR Hoods</b>	7	7	8	11
<b>Eye Protection</b>	2	5	20	6
<b>Gowns</b>	1	11	15	6
<b>Gloves</b>	6	8	13	6

- On a routine basis, the MHOAC tracks daily hospitalizations, census, occupancy and PPE availability as well as reviews epidemiologic data (doubling time).
- The criteria in the table below serve as objective measures to identify the need for hospitals to shift to crisis care strategies (i.e. activate surge plans) & uses the following assumptions:
  - Increased pressure in hospitals & on the EMS system requires a shift to crisis care strategies
  - Low levels of PPE will come earlier than decreased capacity and cause an abrupt change in capacity.
  - Increased hospitalizations and low PPE could have a synergistic effect to reduce capacity.
  - Low levels of PPE is not just a marker of capacity but causes capacity issues.

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			
6/30/20			
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)	28.8 days		
Absolute COVID-19 Census in the hospital		542	
Hospital census as a percentage of capacity	68%		
Supply of PPE available in the hospitals		2 to 4 weeks	

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

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

**07/01/20**

**AGENCY OPERATIONS CENTER / LOGISTICS SECTION**

- AOC Activated at Level II; Hours of Operation Mon & Thurs 0900-1600; Warehouse Ops M-F 0900-1600
- SCARCE Resources: N95, Gloves, Testing Kits, Wipes
- DEPLETED Resources: Gowns

<b>Total Activity</b>		
<b>INQUIRIES</b>	<b>RR RECEIVED</b>	<b>RR FILLED</b>
12,974	6,428	4,711 (73%)

<b>Inventory Report February 18 to June 18, 2020</b>	
<b>Medical Supply/Equipment Total Units Distributed</b>	
<b>N95 Mask</b>	1,887,875
<b>Surgical Mask</b>	742,411
<b>Gowns</b>	556,578
<b>PPE-Suit</b>	12,312
<b>Gloves</b>	427,250
<b>Eye Protection</b>	124,063
<b>Hand Sanitizer</b>	201,847
<b>Other Items</b>	133,638
<b>Total Units</b>	<b>4,085,974</b>

**ALTERNATE CARE SITE**

\*Site open indefinitely to support hospital decompression

<b>Fairview (COVID-19 +)</b>		
<b>Patient Census (as of 6/22/2020 07:30)</b>	<b>CURRENT</b>	<b>TOTAL</b>
Orange County	11	26
LA County	0	13
Ventura County	0	1
<b>Total patients CENSUS / TOTAL ACCEPTED</b>	<b>11</b>	<b>40</b>
<b>Patients Discharged</b>		<b>TOTAL</b>
AMA		0
DISCHARGED		29
EXPIRED		0
TRANSFERRED		0