Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

# OVERVIEW OF CURRENT SITUATION (08/07/20 0730) Source: Johns Hopkins University & Medicine https://coronavirus.jhu.edu/map.html

Cases / Deaths

Worldwide: 19,135,088 / 715,681 Nationwide: 4,884,985 / 160,115 California: 541,492 / 10,024

Orange County: 38,754 / 704 Source: Orange County COVID-19 Case Counts & Testing Figures

#### ORANGE COUNTY PUBLIC HEALTH (as of 08/07/20 1000)

Orange County COVID-19  Summary* click for full details	Sat 8/01/20	Sun 8/02/20	Mon 8/03/20	Tue 8/04/20	Wed 8/05/20	Thu 8/06/20	Fri 8/07/20
Cases Reported to Date	36,833	37,391	37,813	38,066	38,131	38,711	38,754
Deaths Reported to Date	649	651	651	653	665	697	704
Tests Reported Today	6,357	3,173	17,133	3,755	5,075	3,330	4,521
Cumulative Tests to Date	415,621	418,794	435,927	439,682	444,757	448,087	452,608

<sup>\*</sup>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

#### **PUBLIC HEALTH UPDATE (08/06/20)**

- The state disease reporting system is experiencing some problems that are affecting the timely reporting to local health departments. We do not know the extent of it but believe that recent data are artificially low. This makes it difficult to know critical data points such as disease transmission rate, positivity rate, etc. The state is working on resolving the problem, but currently the status in Orange County (and other counties) is unclear.
- Hospitalizations appear to be trending downward with the most recent report being 511 COVID patients, down from 594 one month prior. Patients in the ICU is also trending down with 177 in ICU, down from 193 one month ago.
- Even with the CalREDIE reporting issues, recent trends are encouraging, however, we need continue to see downward trends as even with underreporting, Orange County continues to be on the State Monitoring List.
- The most important actions to prevent spread and reduce disease transmission are individual behaviors by the people of OC;
  - o Stay home as much as possible, especially high risk persons (65 or older, or underlying health conditions)
  - o Stay home when sick
  - o Isolation of cases and quarantine of all contacts (within 6 feet for 15 minutes or more)
  - o Practice social distancing at all times; 6 feet or more
  - o Wear face coverings when unable to maintain social distancing; high compliance is critical given asymptomatic transmission
  - Wash hands frequently
  - o Avoid touching face
  - o Disinfect frequently touched surfaces often

# COVID-19 Testing Super Site (PCR – only) https://occovid19.ochealthinfo.com/supersite

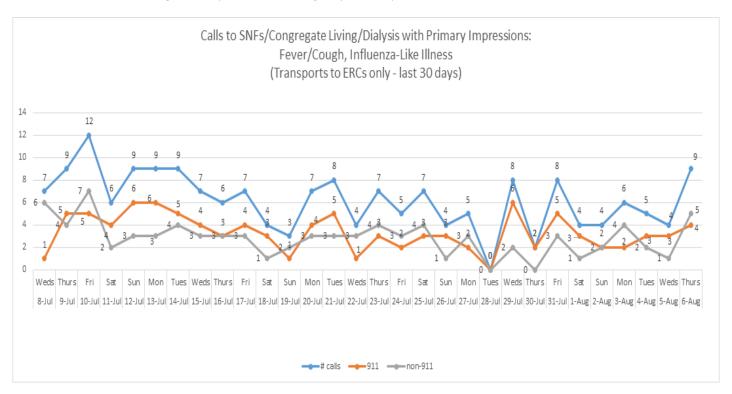
# \*\*NEW DEDICATED LANE ADDED FOR ASYMPTOMATIC & SYMPTOMATIC FIRST RESPONDERS

- Testing is now available through an **appointment**-based drive-thru site that can serve more than 1,000 people daily; Wed-Sun 0800-1600 at Anaheim Convention Center, West Street entrance
- Available to Orange County residents at no-cost for people who meet Public Health priorities for testing and cannot get a test through their medical provider (doctor). Please contact your provider first
- Public Health criteria for priority testing:
  - Healthcare workers and first responders
  - o Workers in congregate living settings such as skilled nursing facilities, jails, or homeless shelter settings
  - o Individuals with close contact (15 minutes or more within 6 feet) to someone known or suspected to have COVID-19
  - o <u>Essential workers</u> those with contact with the public such as such as grocery store workers, social service providers, government workers, etc.

Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

# SKILLED NURSING/ASSISTED LIVING/RESIDENTIAL CARE FACILITY - TRENDS

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

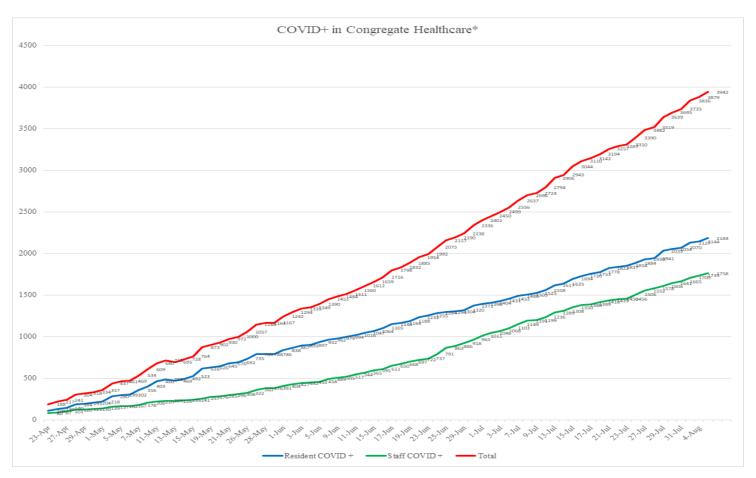


\*Data Source: California Department of Public Health (CDPH)

Reporting Date: 8/06/20 (73/73 SNFs reported)	Skilled Nursing Facility PPE – DAYS ON HANI					
	0 - 3 days	4 - 7 days	8-14 days	15+ days		
N95 Masks	0	4	19	50		
Surgical Masks	0	5	12	56		
Eye Protection	0	4	14	55		
Gowns	0	6	14	53		
Gloves	0	6	14	53		
Alcohol-Based Hand Sanitizer	0	5	14	54		

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



		Facility Outbreaks (as of 8/6/20 1700)
Facility Type by Licensing Category	#	An "Outbreak" is two (2) or more confirmed cases of COVID-19 in facility residents occurring within 14 days.
Skilled Nursing Facility	45	Advanced Rehab Center of Tustin, Alamitos West Health & Rehab, Alta Gardens Care Center, Anaheim Crest, Anaheim Healthcare Center, Anaheim Terrace, Buena Vista Care Center, Chapman Care Center, Country Villa Plaza, Coventry Court, Crystal Cove Care Center, Flagship Healthcare Center, French Park Care Center, Garden Grove Convalescent Hospital, Garden Park Care Center, Gordon Lane Care Center, Harbor Villa Care Center, Healthcare Center of Orange County, Huntington Valley Healthcare Center, Kindred Brea SAU, La Palma Nursing Center, Laguna Hills Health & Rehab, Lake Forest Nursing Center, Leisure Court Nursing Center, MainPlace Post Acute, Manor Care FV, New Orange Hills, Orange Healthcare & Wellness, Orangegrove Rehab Hospital, Pacific Haven Healthcare Center, Palm Terrace, Park Anaheim Healthcare Center, Park Regency Care Center, Rowntree Gardens, Sea Cliff Healthcare Center, Seal Beach Health & Rehab, South Coast Post Acute, St. Edna Subacute & Rehab, Terrace View Care Center, The Hills Post Acute, The Pavilion at Sunny Hills, Victoria Healthcare, Walnut Village, West Anaheim Extended Care, Windsor Gardens Center of Anaheim
Elderly Assisted Living	45	Acacia Villa, ActivCare Yorba Linda, Anaheim Crown Plaza, Ardent Care Assisted Living, Atria Del Sol, Brookdale Anaheim, Brookdale Nohl Ranch, Brookdale San Juan Capistrano, Cambridge House, Carmel Village, Crown Cove, Emerald Court, Golden Leisure Home, Harvest Retirement, Heathers McKinley, Heathers Wintergreen, Heritage Point, Hollybrooke Senior Living, Huntington Terrace, Kaego's Richman Gardens, Kamstra Care Home, Karlton Residential, Oakmont-Capriana, Pacific Shores Laguna Hills, Pacific Shores Mission Viejo, Pacific Shores Pacifica, Pacifica Royale, Park Plaza, Park Regency Assisted Living, Rowntree Gardens, Seacliff Assisted Living, Silverado Newport Mesa, Silverado San Juan Capistrano, Silverado Tustin Hacienda, St Francis Home, St Therese Residential Care, Sunflower Garden, Sunrise Villa Bradford, Sunrise Yorba Linda, The Groves of Tustin, The Regency, Valley View, Vivante on the Coast, Walnut Village, Whitten Heights

Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

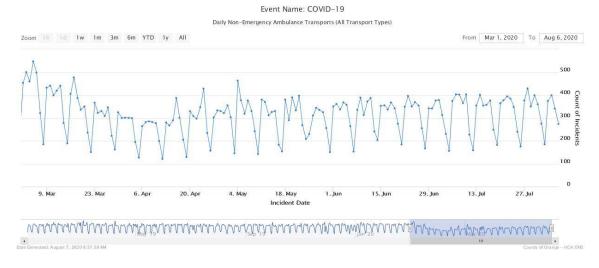
# **EMERGENCY MEDICAL SERVICES STATUS**

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

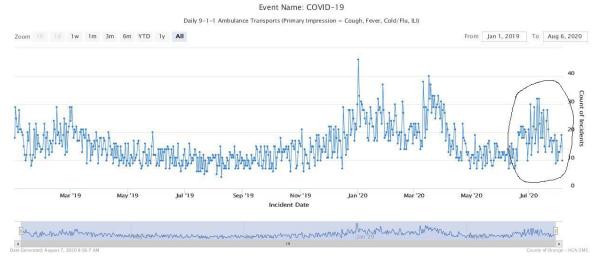
• 9-1-1 ambulance transport volume decreased yesterday after being fairly stable for the last several days. They are averaging about 15-20% below normal.



• Non-emergency ambulance transports were stable with a modest increase last week. They were about 30% below normal.



Primary Impressions of Cold/Flu/ILI by 9-1-1 EMS providers decreased yesterday after a two day increase.



Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

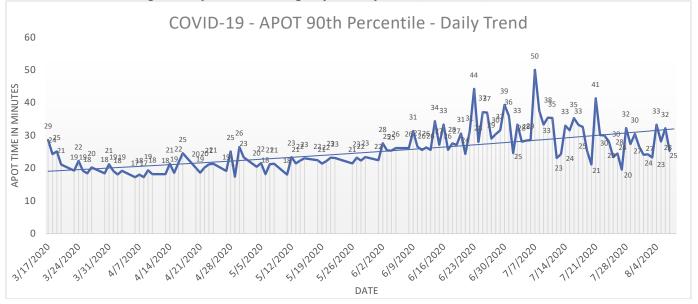
• Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: Current Average APOT is: 12m21s / Current 90th Percentile APOT is: 25m23s

The chart below displays a daily trend since the COVID-19 event began.

- Four (4) ERCs had APOT times greater than thirty (30) minutes.
- Zero (0) ERCs had APOT times greater than sixty (60) minutes.

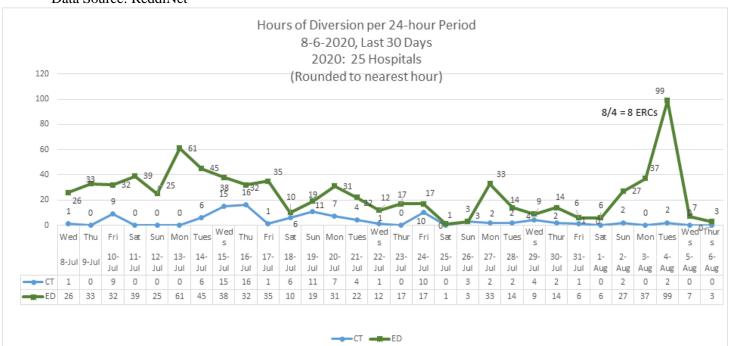
Note: a handful of ERCs were close to the 30 minute threshold, but were not over it.

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



• 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 7/08/20 – 8/06/20 below.

\*Data Source: ReddiNet



Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

(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

	ALL HOSPITALS (33)						EMER	GENCY REC	EIVING CE	NTERS		
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
7/16	3979	64%	682	235	38%	64%	3625	63%	668	228	39%	68%
7/17	3999	65%	692	232	36%	65%	3640	64%	686	226	37%	68%
7/18	4008	65%	665	214	39%	63%	3698	65%	659	208	40%	66%
7/19	3759	61%	666	213	41%	62%	3434	60%	660	207	42%	65%
7/20	3754	61%	700	234	39%	64%	3405	60%	692	226	40%	68%
7/21	3843	62%	699	233	39%	63%	3530	62%	692	226	40%	67%
7/22	3669	69%	690	233	46%	67%	3336	68%	680	227	47%	70%
7/23	3714	70%	652	215	47%	61%	3358	69%	642	209	48%	66%
7/24	3533	65%	685	203	40%	61%	3143	63%	679	202	41%	66%
7/25	3681	68%	687	201	40%	62%	3289	67%	679	199	41%	67%
7/26	3657	71%	661	204	39%	60%	3267	69%	639	202	40%	65%
7/27	3567	68%	640	203	40%	58%	3195	66%	617	200	41%	63%
7/28	3651	69%	626	204	37%	65%	3285	68%	607	201	38%	71%
7/29	3739	71%	592	189	38%	57%	3373	69%	574	188	39%	62%
7/30	3697	70%	593	191	34%	56%	3329	69%	575	190	35%	60%
7/31	3693	71%	546	169	34%	57%	3324	69%	531	169	35%	61%
8/1	3681	70%	554	171	34%	57%	3319	69%	537	171	35%	61%
8/2	3531	68%	555	175	35%	54%	3180	67%	537	175	36%	58%
8/3	3476	66%	539	167	34%	54%	3132	65%	522	167	35%	58%
8/4	3615	68%	536	172	34%	54%	3267	67%	517	172	35%	58%
8/5	3597	67%	517	171	36%	56%	3238	66%	501	171	37%	60%
8/6	3553	66%	511	177	34%	64%	3196	65%	495	175	35%	68%

<sup>\*</sup>Data Source: California Department of Public Health (CDPH) – Snowflake server

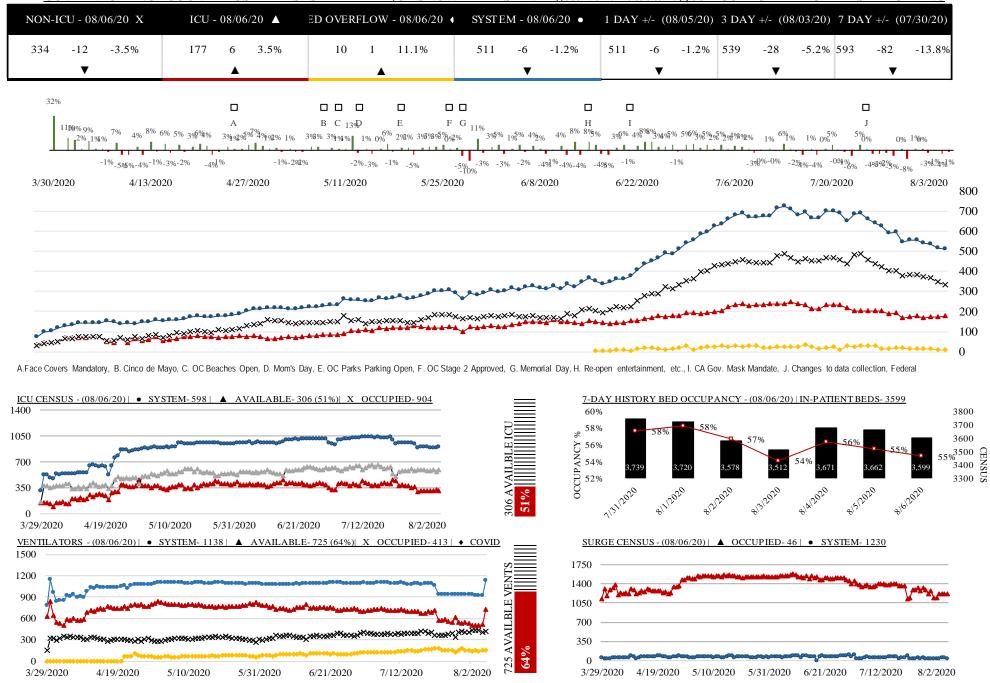
Current data is posted on the CDPH website at:

 $\underline{https://public.tableau.com/views/COVID-19HospitalsDashboard/Hospitals?\%3Aembed=y\&\%3AshowVizHome=nomegableau.com/views/COVID-19HospitalsDashboard/Hospitals?\%3Aembed=y\&\%3AshowVizHome=nomegableau.com/views/COVID-19HospitalsDashboard/Hospitals?\%3Aembed=y\&\%3AshowVizHome=nomegableau.com/views/COVID-19HospitalsDashboard/Hospitals?\%3Aembed=y\&\%3AshowVizHome=nomegableau.com/views/COVID-19HospitalsDashboard/Hospitals?\%3Aembed=y\&\%3AshowVizHome=nomegableau.com/views/COVID-19HospitalsDashboard/Hospitals?\%3Aembed=y\&\%3AshowVizHome=nomegableau.com/views/COVID-19HospitalsDashboard/Hospitals?$ 

<sup>\*</sup>HHS significantly changed reporting requirements for hospitals effective 07/22/20.

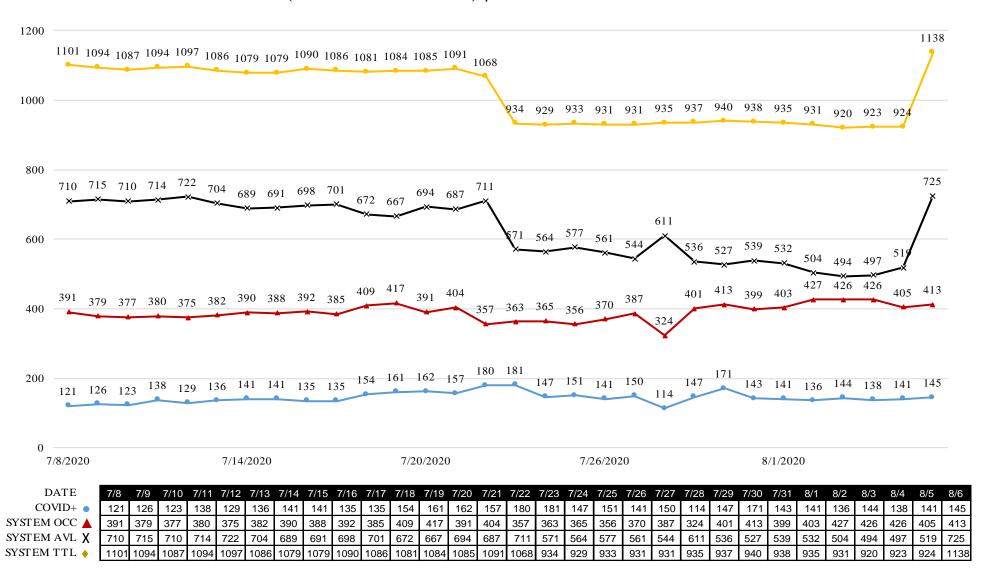
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#### COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)(03/29/20 - 08/06/20) | 33 ACUTE CARE FACILITIES REPORTING



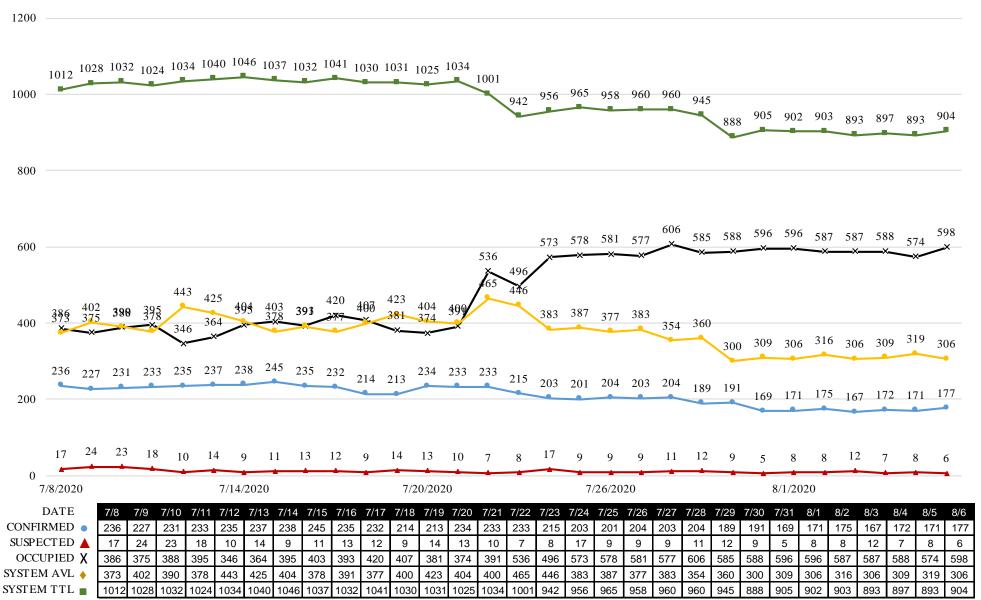
Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

# COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER) VENTILATORS IN USE (07/08/20 - 08/06/20) | 33 ACUTE CARE FACILITIES REPORTING



Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

# COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER) ICU BEDS (07/08/20 - 08/06/20) | 33 ACUTE CARE FACILITIES REPORTING



Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

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

This table has been updated based on data provided by hospitals using the new HHS data standards

Reporting Date: 8/05/20*	Acute Ca	Acute Care Hospital PPE – DAYS ON HAND				
(33/33 ACHs reported)	0 - 3 days	4 - 14 days	15+ days	Non Reported		
N95 Masks	0	6	22	5		
Surgical Masks	0	5	20	8		
Face Shields	0	7	16	10		
Gloves	0	11	16	6		
Gowns	3	8	18	4		
PAPR Hoods	4	4	11	14		

\*Data Source: ReddiNet

Reported Operational Status Acute Care Hospitals w/ Emergency Departments					
22 / 25 Reporting	Normal Operations	Modified Operations Using Internal Corporate Resources	Modified Operations Need Assistance		
	3	10	0		

Reported Service Category Status Acute Care Hospitals w/ Emergency Departments (#25)						
Status Item Yes %						
Command Center Activated	17	68%				
Surge Plan Activated	16	64%				
Canceled Procedures/Services	8	32%				
Supply Issues	7	28%				
CDPH Flex	11	44%				
Increased Morgue Capacity	15	60%				

- 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:
  - o Increased pressure in hospitals & on the EMS system requires a shift to crisis care strategies
  - o Low levels of PPE will come earlier than decreased capacity and cause an abrupt change in capacity.
  - o Increased hospitalizations and low PPE could have a synergistic effect to reduce capacity.
  - o Low levels of PPE is not just a marker of capacity but causes capacity issues.

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	Never to 4 weeks	4 weeks to 2 weeks to	Less than 2 weeks to		
patients (doubling time over last 7 days)	to double	double	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		

<sup>\*</sup>HHS significantly changed reporting requirements for hospitals effective 07/22/20.

Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

Hospital Criteria for shifting to Crisis Care Strategies 8/06/20					
		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)	120.5 days				
Absolute COVID-19 Census in the hospital		511			
Hospital census as a percentage of capacity	66%				
Supply of PPE available in the hospitals		2 to 4 weeks			

- It is important to note that the basis of the table is that these are concepts and criteria that we use to judge how the system is being affected by the COVID-19 pandemic. The numbers and colors given are a guideline, not a hard and fast rule. For example, if in 2 weeks our hospitalized cases go up by a factor of 1.8 to a level of 740, we will still consider that to be very concerning and would not wait until the doubling time worsens or the census tops 750.
- Hospital Surge Plans are already activated to an extent, as conditions worsen (higher COVID-19 inpatient burden, Staffing struggles, PPE concerns)
- Does this trigger a shift to crisis care strategies and an activation of surge plans?
   That number is one factor. Surge plans are already activated to an extent. Increased concerns (more factors in the worrisome category) means increased amount of surge as in the next question.
- What are the surge plans and crisis care strategies that would be implemented?
  - -Modifying units, such as converting beds/rooms to ICUs and negative pressure rooms
  - -Expanded beds also includes surge tents
  - -Flexing nursing staffing ratios
- How was the 750-patient threshold determined?
   Initial surge capacity of the hospitals was around 1000 beds. We figured that if we were getting close to that number, we need to take extra steps beyond the initial ones. Again, the exact number is not as important as the concept of stress on the system.
- All hospitals are impacted. We initially saw the highest degree of hospital burden in the hot spots of the county (Anaheim and Santa Ana), but as COVID-19 has become more widespread we are seeing the burden shift to hospitals based on their size, not just location.

#### AGENCY OPERATIONS CENTER / LOGISTICS SECTION

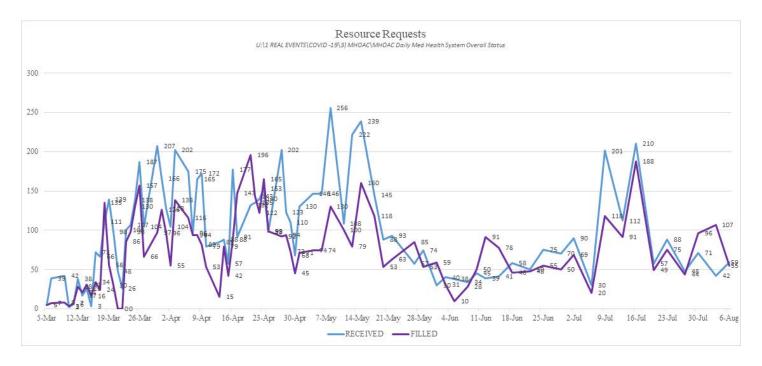
- AOC Activated at Level II; Hours of Operation Mon & Thurs 0900-1600; Warehouse Ops M-F 0900-1600
- SCARCE Resources: Gloves, Wipes

Total Activity					
INQUIRIES   RR RECEIVED   RR FILLED					
14,054 <mark>+68</mark>	7,345 <mark>+ 59</mark>	5,624 <mark>+55</mark>			

Online at: http://www.healthdisasteroc.org/ems/archive 08/07/20

Logistics Daily Units Distributed 08-06-20				
N95 Mask	7,680			
Surgical Mask	2,150			
Gown	6,650			
Gloves	19,900			
Face Shields/Eye Protection	3,500			
Hand Sanitizer	0			
Other	12,403			
<b>Total Units</b>	52,283			

Inventory Report February 18 to August 4, 2020				
Medical Supply/Equipment Total Units Distributed				
N95 Mask	2,744,780			
Surgical Mask	1,318,825			
Gowns	1,226,946			
PPE-Suit	17,645			
Gloves	1,676,350			
Eye Protection	237,031			
Hand Sanitizer	292,746			
Other Items	718,032			
<b>Total Units</b>	8,232,355			



# **ALTERNATE CARE SITE**

\*Site open indefinitely to support hospital/SNF decompression

<sup>\*</sup>Data Source: ReddiNet

Fairview (COVID-19 +)		
Patient Census (as of 8/07/2020 07:30)	CURRENT	TOTAL
Orange County	8	63
LA County	5	25
Ventura County	0	1
Total patients CENSUS / TOTAL ACCEPTED	13	89
Patients Discharged		TOTAL
AMA		4
DISCHARGED		72
TRANSFERRED		0