

**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
N95 Masks	2	8	17	6
Surgical Masks	2	7	18	6
Face Shields	2	7	18	6
PAPR Hoods	7	7	8	11
Eye Protection	2	5	20	6
Gowns	1	11	15	6
Gloves	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	