

OVERVIEW OF CURRENT SITUATION (8/18/21 0921) Source: Johns Hopkins University & Medicine <https://coronavirus.jhu.edu/map.html>

Cases / Deaths
 Worldwide: 208,903,628 / 4,387,322
 Nationwide: 37,047,493 / 632,532
 California: 4,163,848 / 67,744
 Orange Co: 295,123 / 5,161 Source: [Orange County COVID-19 Case Counts & Testing Figures](#)

ORANGE COUNTY PUBLIC HEALTH (as of 8/18/21 0930)

Orange County COVID-19 Summary* click for full details

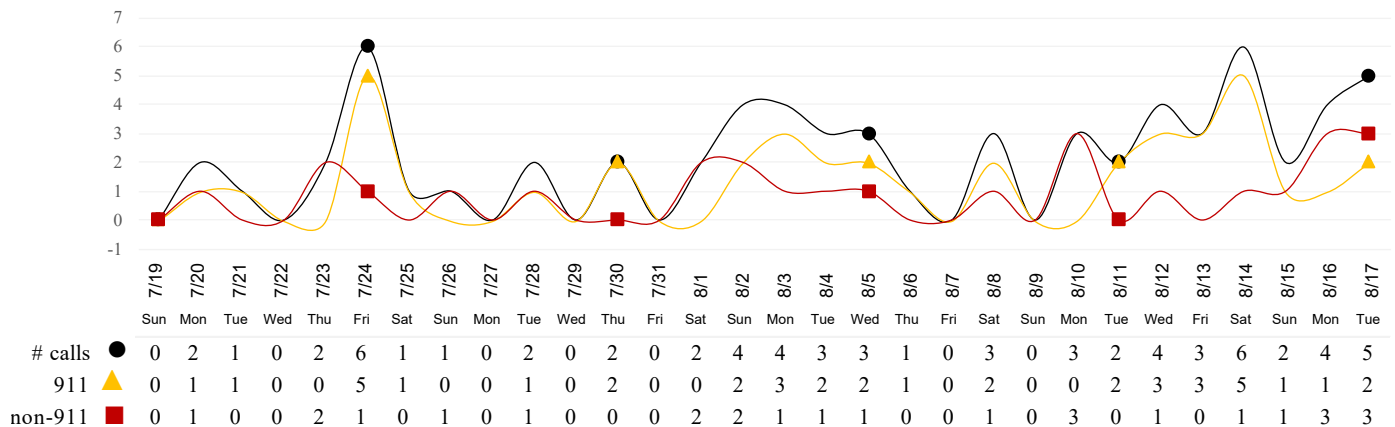
	Thu 8/12/21	Fri 8/13/21	Sat 8/14/21	Sun 8/15/21	Mon 8/16/21	Tues 8/17/21	Wed 8/18/21
Cases Reported to Date	272,914	273,847	X**	X**	275,964	276,632	277,845
Deaths Reported to Date	5,154	5,156	X**	X**	5,158	5,161	5,165
Tests Reported Today	15,431	12,341	X**	X**	30,278	14,594	11,213
Cumulative Tests to Date	4,453,900	4,466,241	X**	X**	4,496,519	4,511,113	4,522,326

*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.** ** Weekend values reported on Monday.

SKILLED NURSING/ASSISTED LIVING/RESIDENTIAL CARE FACILITY – TRENDS

*Data Source: Orange County Medical Emergency Data System (OC-MEDS) – Updated 8/17/21

Calls to SNFs/Congregate Living with Primary Impressions: Fever/Cough, Influenza-like Illnesses
 (Transports to ERCs Only - Last 30 Days)

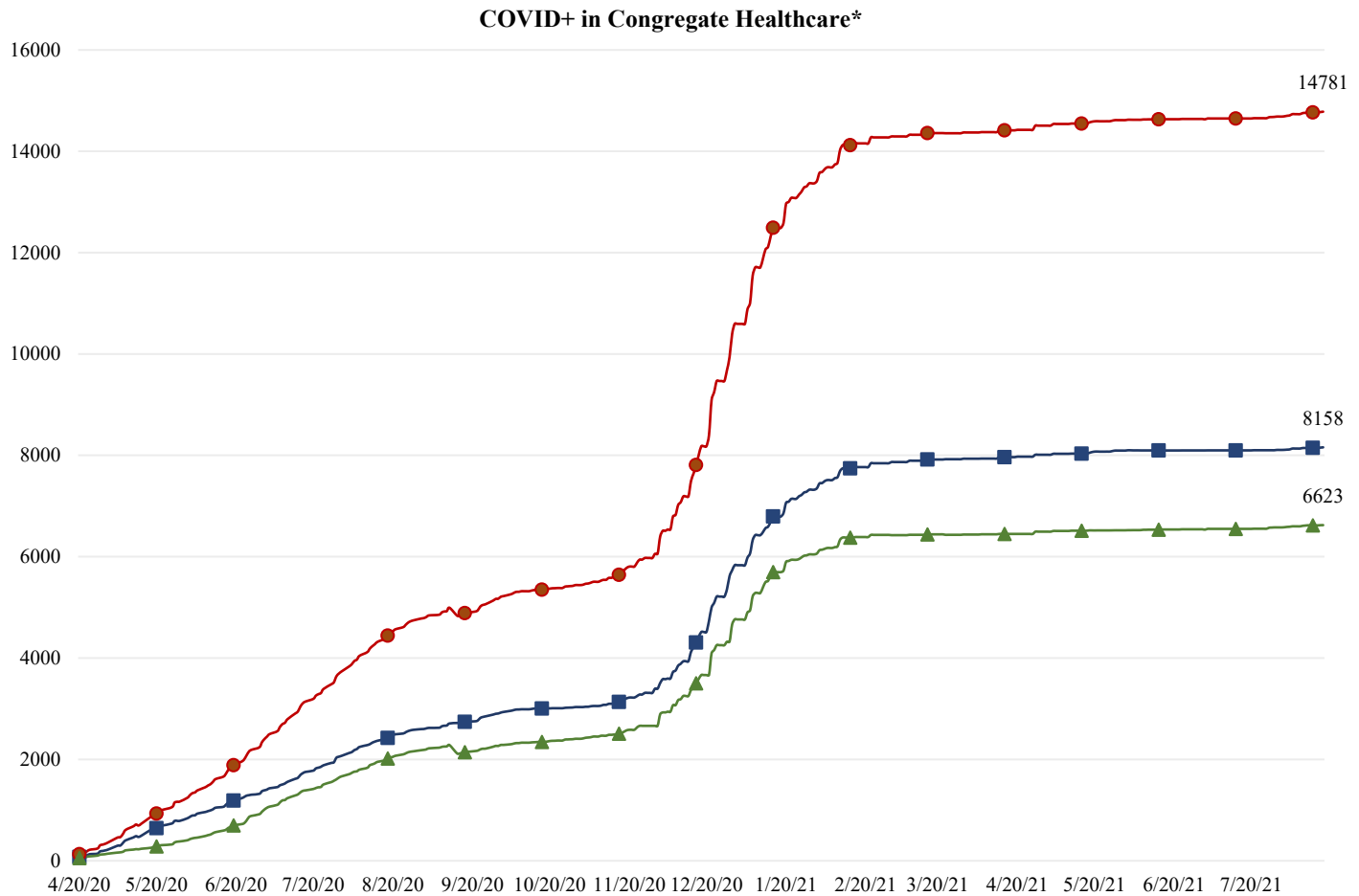


*Data Source: California Department of Public Health (CDPH)

Skilled Nursing/Assisted Living/Residential Care Facility PPE / Ventilator Supplies Days on Hand
 (66/73 SNFs reported)

Reporting Date: 8/18/2021	0 - 3 days	4 - 7 days	8-14 days	15+ days
N95 Masks	0	1	10	55
Surgical Masks	0	1	8	57
Eye Protection	0	1	9	56
Gowns	0	1	7	58
Gloves	0	1	9	56
Alcohol-Based Hand Sanitizer	0	2	8	56

*Data Source: Orange County Health Care Agency – Public Health – 8/17/21



****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.

Resident COVID+ ■ Staff COVID+ ▲ Total ●

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

Current Facility Outbreaks (as of 8/18/21 0930)

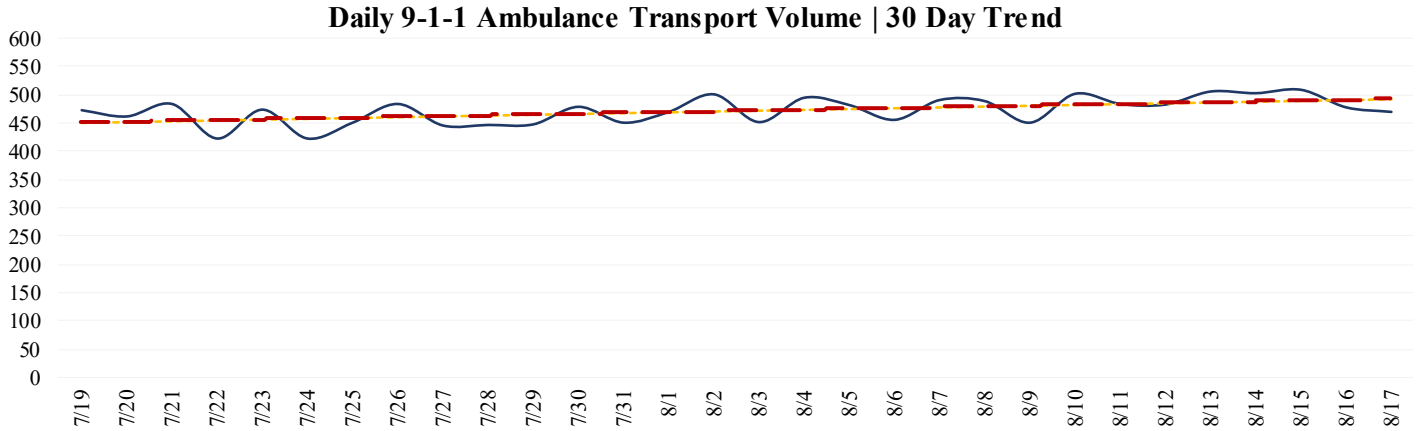
An “Outbreak” is two (2) or more confirmed cases of COVID-19 in facility occurring within 14 days.

Facility Type by Licensing Category, Count		Facility Name Alphabetical
Skilled Nursing Facility	5	Buena Park Nursing Center, Huntington Valley Healthcare Center, Laguna Hills Health And Rehabilitation Center, Pacific Haven Subacute And Healthcare Center, Terrace View Care Center
Elderly Assisted Living	4	Brookdale Anaheim, Crescendo Senior Living, San Clemente Villas By The Sea, Sunrise Of Seal Beach

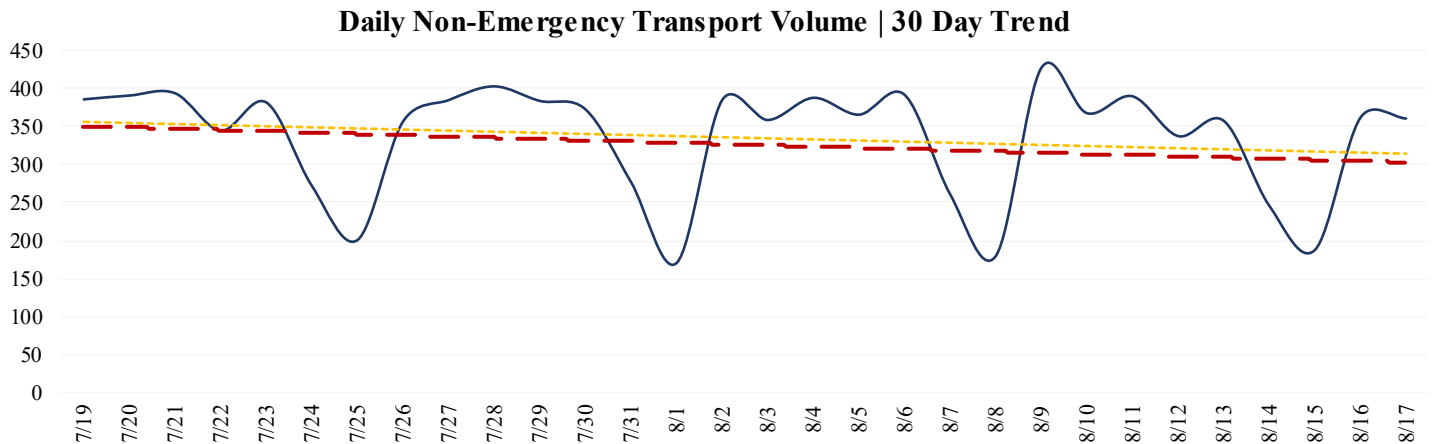
EMERGENCY MEDICAL SERVICES STATUS

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

9-1-1 Ambulance Transports appear to have plateaued and are **now at normal (pre-pandemic) levels** (Updated 8/18/21).

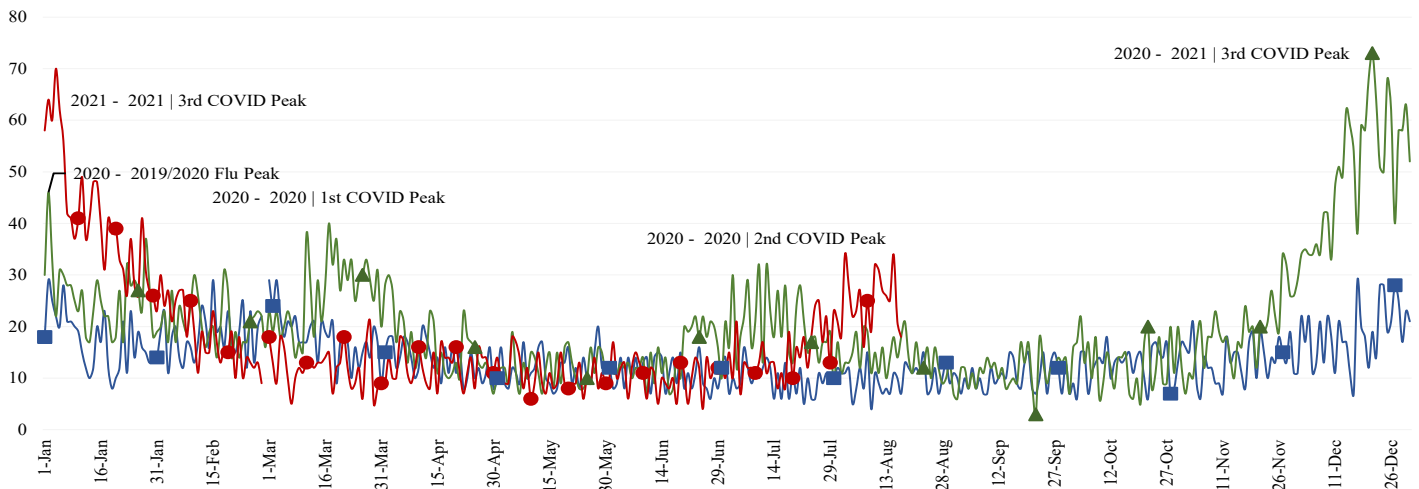


Non-Emergency Ambulance Transports have been trending lower. (Updated 8/18/21).



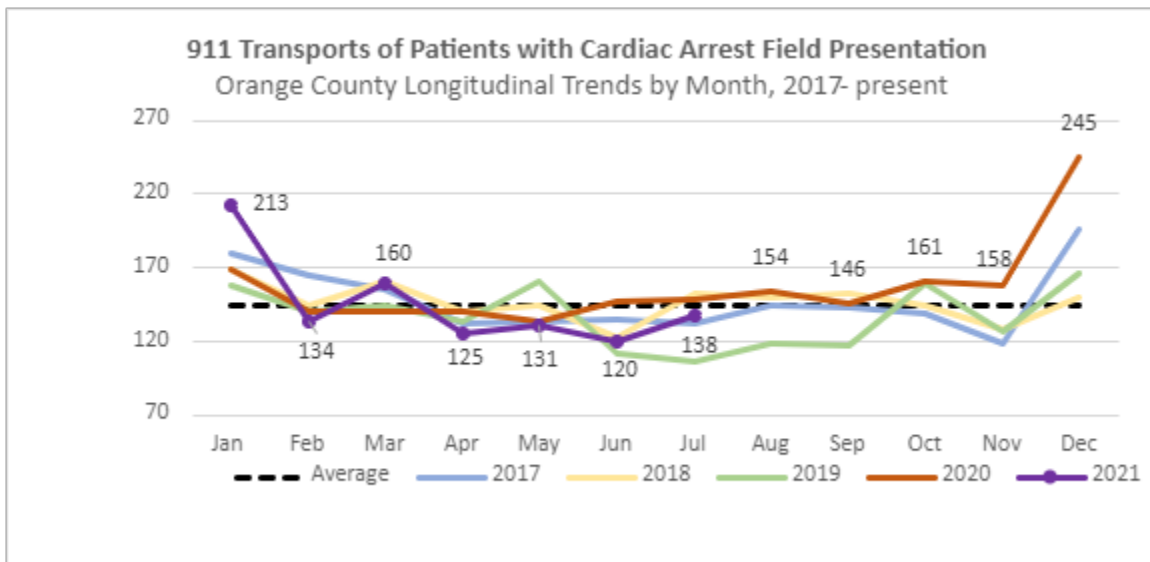
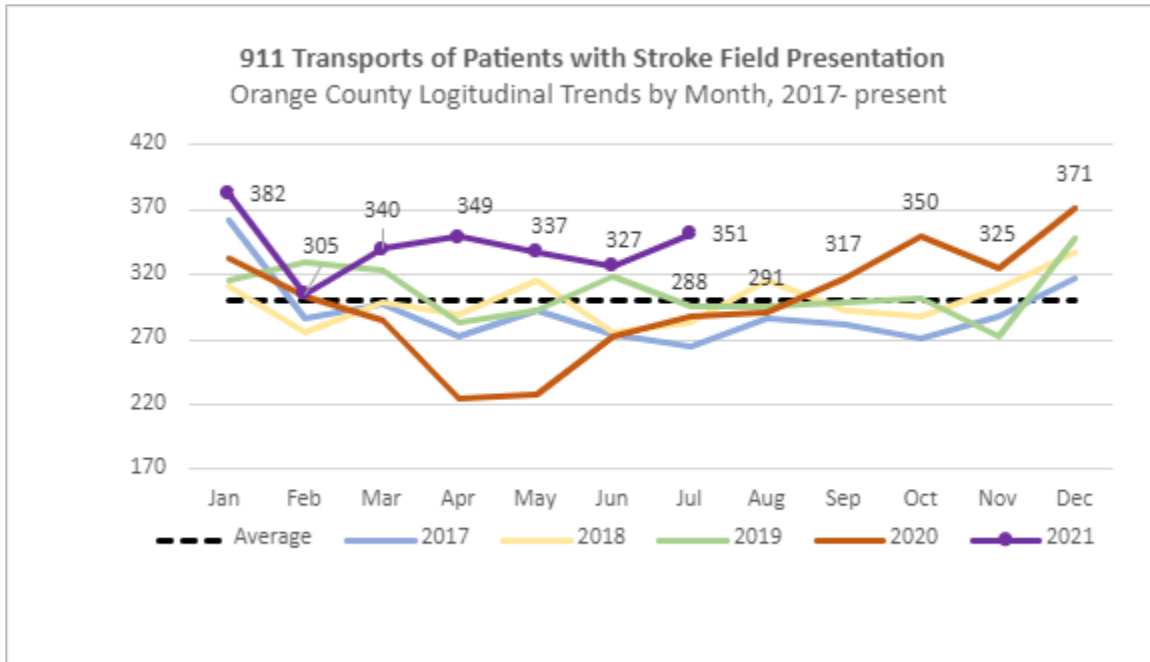
9-1-1 Transports of patients with Cold/Flu/ILI/COVID primary impressions **decreased today but are still higher than normal**. (Updated 8/18/21).

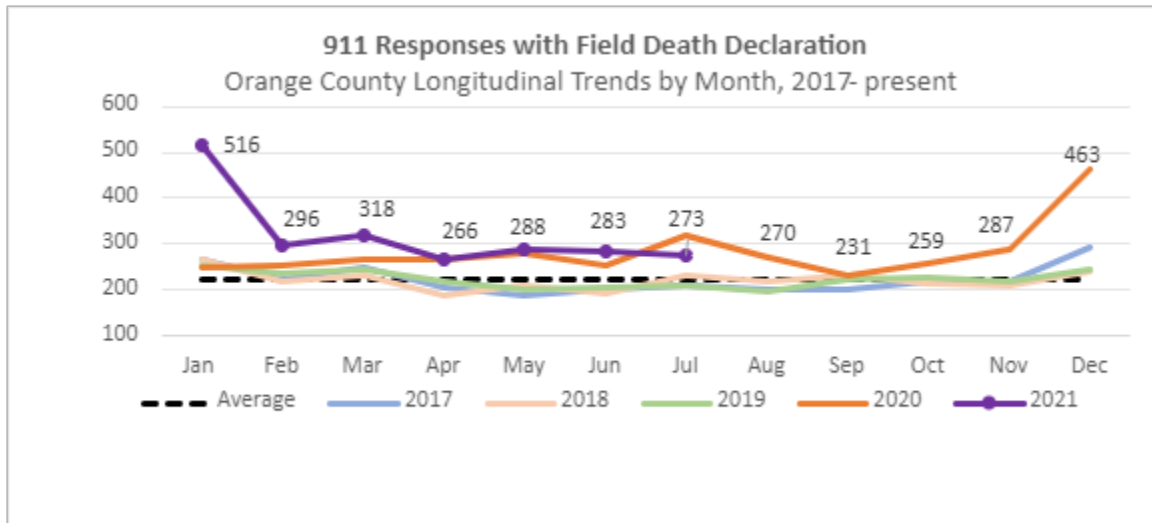
EMS Provider Impressions - Cold/Flu/ILI/COVID-19 Year Over Year Comparison (2019 ■, 2020 ▲, & 2021 ●)



911 EMS SYSTEM MONITORING

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





Summary Data Table for Chart, “911 Responses with Field Death Declaration”

	2017	2018	2019	2020	2021
January	268	267	254	250	516
February	224	216	235	254	296
March	248	233	245	265	318
April	206	186	220	265	266
May	186	210	202	281	288
June	201	190	205	254	283
July	211	233	208	320	273
August	201	218	195	270	
September	199	233	222	231	
October	217	213	227	259	
November	217	211	217	287	
December	294	242	246	463	
Total	2378	2410	2430	3399	

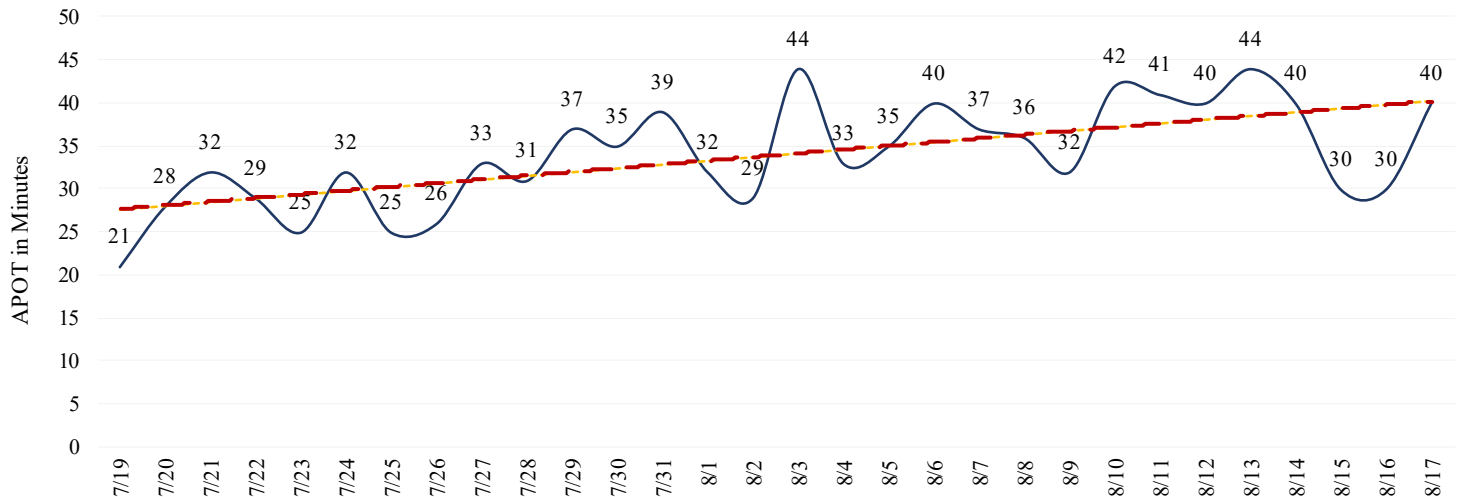
- Ambulance Patient Offload Time (APOT) is defined as the time the ambulance arrives at the receiving destination (wheels stop) to the time that the ambulance crew physically transfers the patient to the ED gurney. Last 24 hours: **Countywide - 40m00s since the report creation time (8/18/21 @ 0953).**

- Fourteen (14) ERCs had APOT times greater than thirty (30) minutes.
- Three (3) ERCs had APOT times greater than sixty (60) minutes.

The chart below displays a daily trend over the last 30 days.

*Data Source: Orange County Medical Emergency Data System (OC-MEDS) – Updated 8/17/21

COVID 19 - APOT 90th percentile | Daily Trend

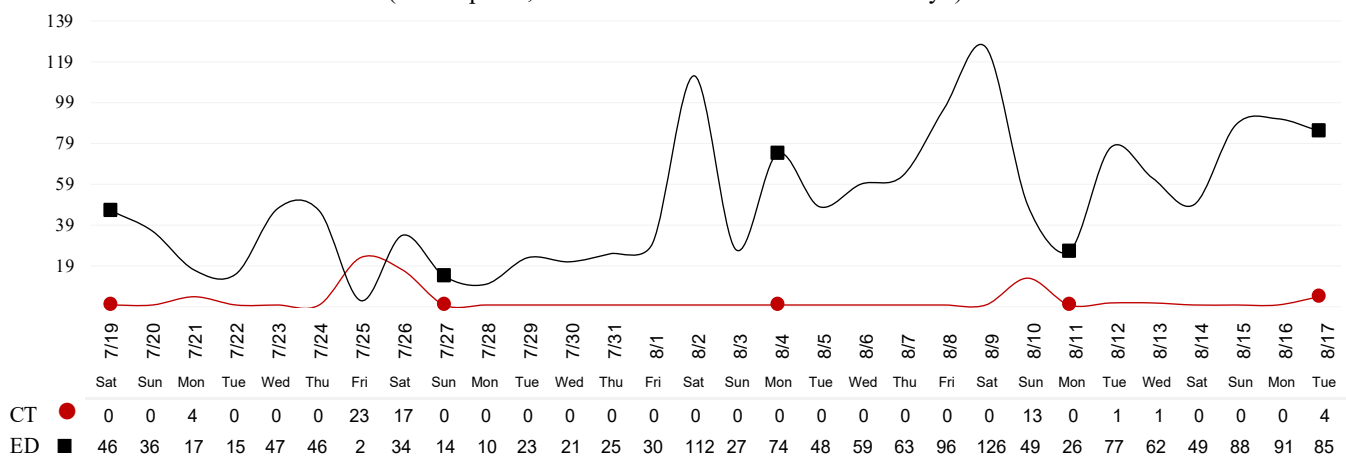


Note: a handful of ERCs were close to the 30 minute threshold, but were not over it.

- 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.
- NOTE: Suspension of Hospital Diversion was reinstated, 1/4/21, @ 1900.**
- NOTE: Hospital Diversion was reinstated on 1/25/21 @ 1900.**

*Data Source: Orange County Medical Emergency Data System (OC-MEDS) – Updated 8/17/21

Hours of Diversion per 24-Hour Period (25 Hospitals, rounded to nearest hour - Last 30 Days)



08/18/21

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

33 HOSPITALS

Date	Census All System	Occupancy % System	COVID+ Hospitalized System	COVID+ Hospitalized ICU Only (Adult & Peds)	% COVID+ hospitalized of ICU Occupied (Adult & Peds)	ICU Occupied (Adult & Peds)**	ICU Available (Adult & Peds)***	% ICU Available (Adult & Peds)****	ICU by Patient Age Group						% Ventilators Available
									Adult Occupied	Adult Available	Adult % Available	Pediatric Occupied	Pediatric Available	Pediatric % Available	
8/4	3924	73%	409	69	16%	435	149	26%	415	108	21%	20	41	67%	74%
8/5	3955	73%	454	71	17%	426	168	28%	403	130	24%	23	38	62%	74%
8/6	3955	73%	458	76	18%	430	167	28%	409	127	24%	21	40	66%	72%
8/7	3930	73%	463	82	19%	429	163	28%	408	123	23%	21	40	66%	71%
8/8	3824	71%	453	84	20%	411	179	30%	395	134	25%	16	45	74%	72%
8/9	3761	70%	461	89	22%	410	171	29%	393	127	24%	17	44	72%	72%
8/10	3876	73%	495	96	22%	433	154	26%	412	114	22%	21	40	66%	70%
8/11	3919	73%	497	126	27%	471	149	24%	446	113	20%	25	36	59%	71%
8/12	3911	72%	498	120	27%	452	160	26%	426	125	23%	26	35	57%	70%
8/13	3948	73%	505	127	28%	451	159	26%	425	124	23%	26	35	57%	69%
8/14	3910	72%	528	127	28%	457	145	24%	430	111	21%	27	34	56%	69%
8/15	3880	72%	538	124	27%	453	153	25%	429	116	21%	24	37	61%	71%
8/16	3776	70%	549	126	27%	460	158	26%	432	125	22%	28	33	54%	70%
8/17	3934	72%	568	125	27%	471	160	25%	441	129	23%	30	31	51%	69%

ICU occupied PREVIOUSLY 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 Available PREVIOUSLY 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 AVAILABLE PREVIOUSLY % 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. *****%COVID+ hospitalized of ICU Occupied PREVIOUSLY % 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.

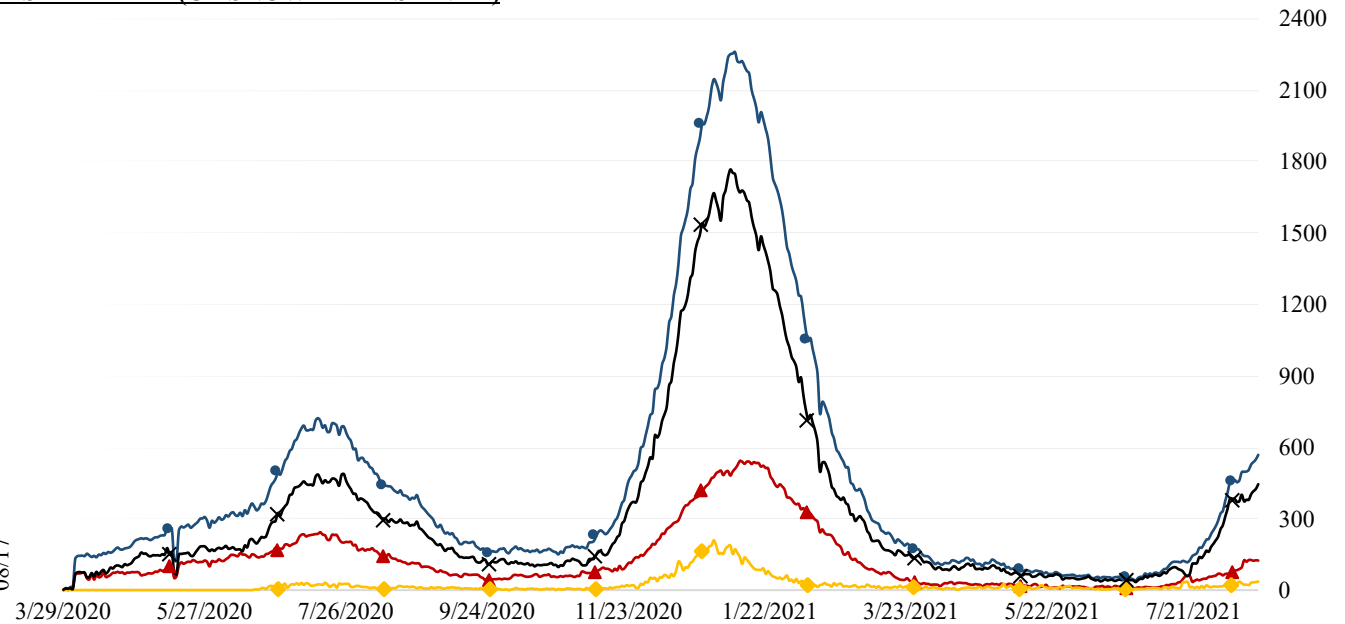
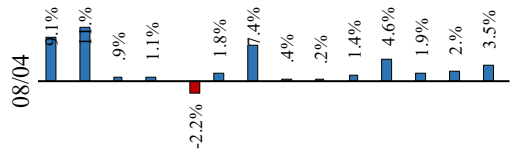
08/18/21

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

COVID+ CENSUS by BED TYPE | 08/17/2021

▲ ICU	125	-1	-0.8%	▼
◆ ED OVERFLOW	36	+2	5.9%	▲
X NON-ICU	443	+20	4.7%	▲
● SYSTEM	568	+19	3.5%	▲
3 Day 08-14-21	528	+40	7.6%	
7 Day 08-10-21	495	+73	14.7%	

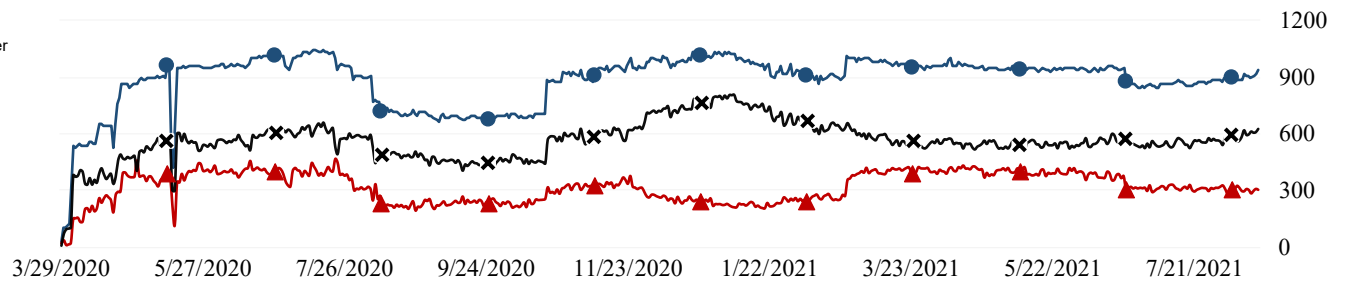
14 Day System COVID+ Change



ICU SYSTEM CENSUS | (08/17/21)

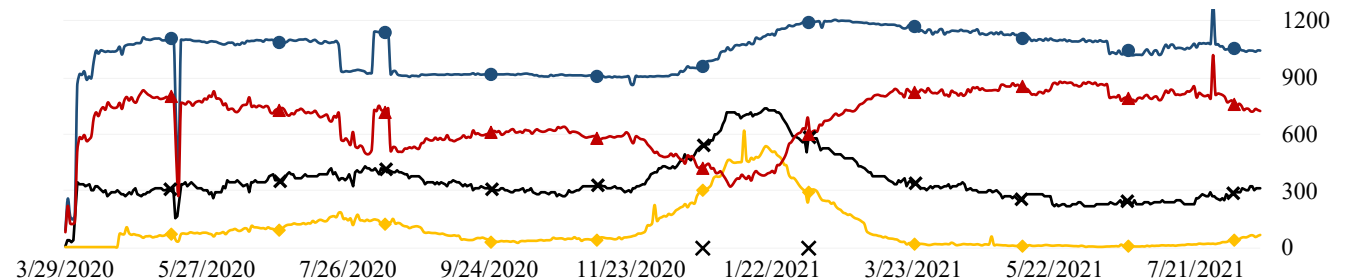
*includes adult, PICU, NICU & other

● SYSTEM- 933
▲ AVAILABLE- 303 (32.5%)
X OCCUPIED- 630 (67.5%)



VENTILATORS | (08/17/21)

● SYSTEM- 1041
▲ AVAILABLE- 721 (69.3%)
X OCCUPIED- 320 (30.7%)
◆ COVID- 64 (20.0%) *1 FROM ED



08/18/21

COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

7 DAY HISTORY BED OCCUPANCY | 08/17/2021

● SYSTEM BEDS (INCLUDES SURGE)- 7008

◆ INPATIENT INCLUDING SURGE- 3998 (57.0%)

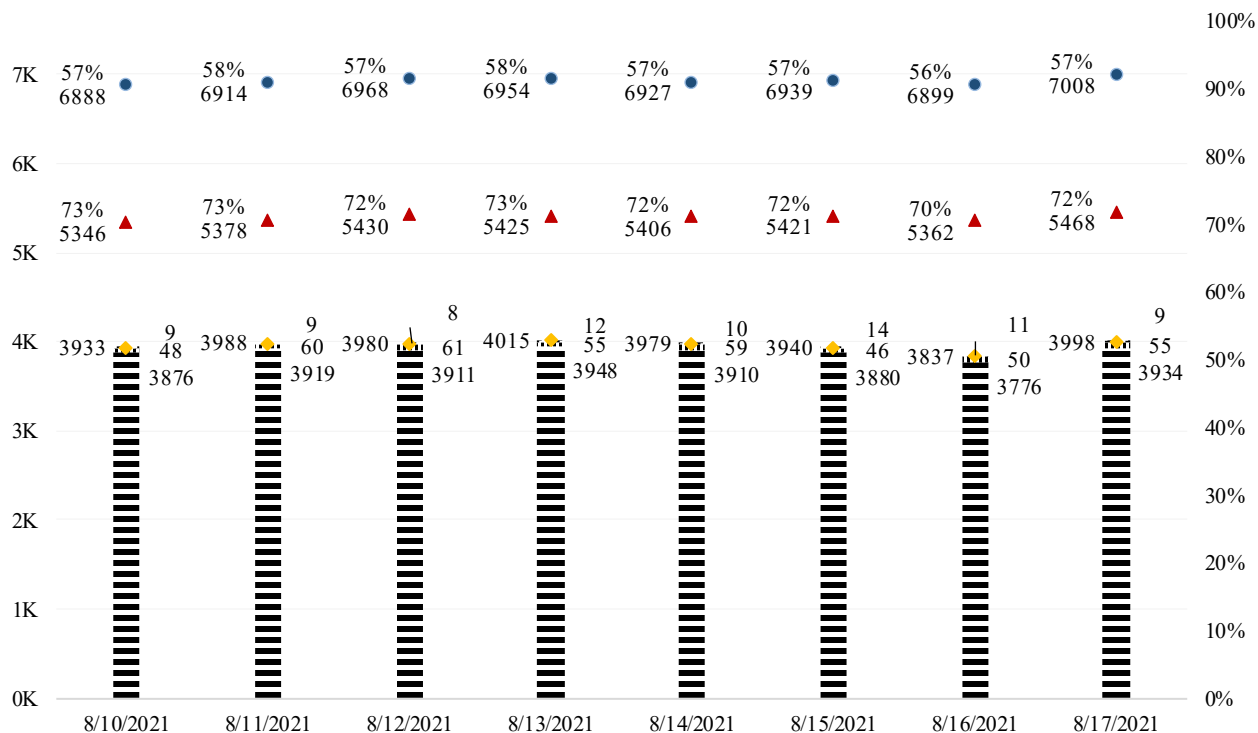


||||| SURGE NON ICU INPATIENT- 55

||||| SURGE ICU INPATIENT- 9

▲ NON SURGE INPATIENT BEDS- 5468

||||| NON SURGE INPATIENT- 3934 (71.9%)



SURGE CENSUS | 08/17/2021

● SURGE BED SYSTEM- 974 (ICU- 94 | NON ICU- 880)

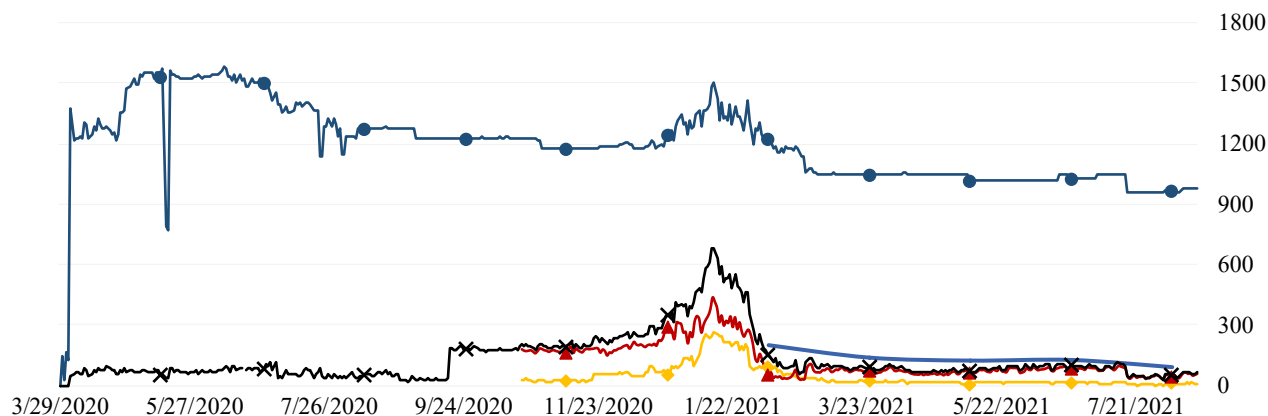
X SURGE BED PATIENTS SYSTEM- 64 (6.6%)



▲ SURGE BED NON ICU PATIENTS- 55 (6.3%)



◆ SURGE BED ICU PATIENTS- 9 (9.6%)



08/18/21

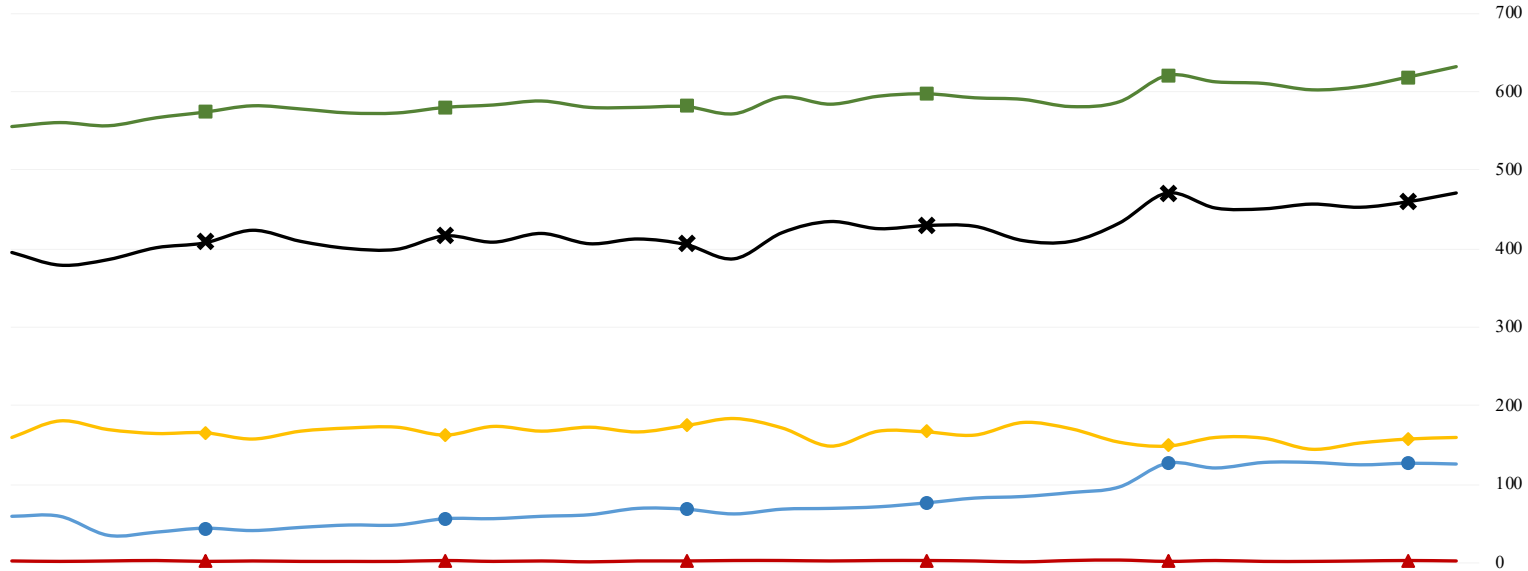
COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

NON SURGE ICU BEDS: ADULT & PEDS COMBINED (07/19/21 - 08/17/21) | 33 ACUTE CARE FACILITIES REPORTING

ICU INSIGHTS

07-19-21 thru 08-17-21:

- Confirmed COVID+ in ICU increased by 111.9%
- ▲ Confirmed suspect in ICU increased by 100.0%
- X Occupied ICU increased by 23.9%
- ◆ Available ICU decreased by -11.6%
- System ICU increased by 12.5%



	7-19-21	7-20-21	7-21-21	7-22-21	7-23-21	7-24-21	7-25-21	7-26-21	7-27-21	7-28-21	7-29-21	7-30-21	7-31-21	8-1-21	8-2-21	8-3-21	8-4-21	8-5-21	8-6-21	8-7-21	8-8-21	8-9-21	8-10-21	8-11-21	8-12-21	8-13-21	8-14-21	8-15-21	8-16-21	8-17-21
● CONFIRMED	59	35	39	44	41	45	48	48	56	56	59	61	69	68	62	68	69	71	76	82	84	89	96	126	120	127	127	124	126	125
Adult	58	35	39	44	41	45	47	48	56	56	59	61	69	68	61	68	69	69	76	79	84	83	91	117	114	122	122	120	122	120
Peds	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	0	3	0	6	5	9	6	5	5	4	4	5
▲ SUSPECTED	1	2	3	1	2	1	1	1	3	1	2	0	2	2	3	3	2	3	3	2	0	3	4	1	3	1	1	2	3	2
Adult	1	2	3	1	2	1	1	1	3	1	2	0	2	1	2	3	2	3	2	1	0	1	3	1	3	1	1	1	3	2
Peds	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	2	1	0	0	0	0	1	0	0
X OCCUPIED	380	387	402	408	424	410	401	400	417	409	420	407	413	406	388	421	435	426	430	429	411	410	433	471	452	451	457	453	460	471
Adult	359	358	371	381	396	382	371	371	384	389	402	388	395	391	371	401	415	403	409	408	395	393	412	446	426	425	430	429	432	441
Peds	21	29	31	27	28	28	30	29	33	20	18	19	18	15	17	20	20	23	21	21	16	17	21	25	26	26	27	24	28	30
◆ SYSTEM AVL	181	170	165	166	158	168	172	173	163	174	168	173	167	175	184	172	149	168	167	163	179	171	154	149	160	159	145	153	158	160
Adult	141	138	135	132	125	135	141	141	135	133	125	131	124	129	140	131	108	130	127	123	134	127	114	113	125	124	111	116	125	129
Peds	40	32	30	34	33	33	31	32	28	41	43	42	43	46	44	41	41	38	40	40	45	44	40	36	35	35	34	37	33	31
■ SYSTEM TTL	561	557	567	574	582	578	573	573	580	583	588	580	580	581	572	593	584	594	597	592	590	581	587	620	612	610	602	606	618	631
Adult	500	496	506	513	521	517	512	512	519	522	527	519	519	520	511	532	523	533	536	531	529	520	526	559	551	549	541	545	557	570
Peds	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61

08/18/21

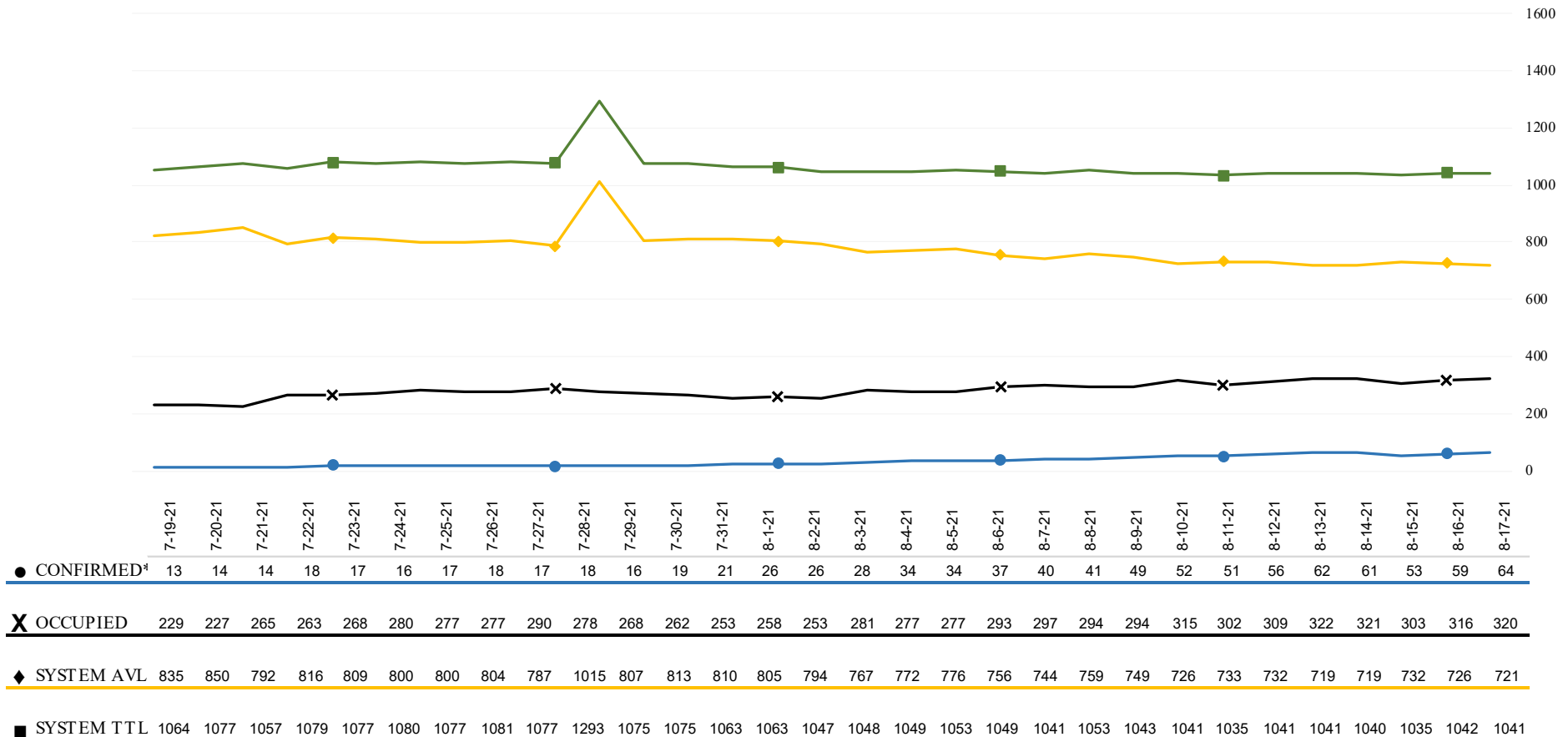
COVID 19 ORANGE COUNTY HOSPITAL SYSTEM DATA (CA SNOWFLAKE SERVER)

VENTILATORS (07/19/21 - 08/17/21) | 33 ACUTE CARE FACILITIES REPORTING

VENTILATOR INSIGHTS

07-19-21 thru 08-17-21:

- Confirmed COVID+ patients on ventilators increased by 392.3%.
- X Occupied ventilators increased by 39.7%.
- ◆ System available ventilators decreased by -13.7%.
- Total system ventilators decreased by -2.2%.



*Confirmed includes ED values

*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

Acute Care Hospital PPE / Ventilator Supplies Days on Hand – (31/33 ACHs reported)

Reporting Date: 8/17/21 *	30 days +	15-30 days	7-14 days	4-6 days	0-3 days	Not Reported
Ventilator Supplies**	8	6	14	2	1	2
N95 Masks**	28	3	0	0	0	2
Surgical Masks**	27	2	2	0	0	2
Face Shields**	25	3	2	1	0	2
Gloves**	0	0	0	0	0	33
Gowns**	0	0	0	0	0	33

Hospital Criteria for shifting to Crisis Care Strategies

LEGEND

CRITERIA	STATUS		
	Normal Operations	Modified Operations	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 hospitals across Orange County	Less than 750	750-1500	>1500
Hospital census as a percentage of staffed capacity	<80%	80% to 90%	>90%
Hospital ICU census as a percentage of staffed ICU capacity	<70%	70% to 85%	>85%

Hospital Criteria for shifting to Crisis Care Strategies

8/18/21

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		
Absolute COVID-19 Census in the hospitals across Orange County	568		
Hospital census as a percentage of staffed capacity	72%		
Hospital ICU census as a percentage of staffed ICU capacity		75%	

AGENCY OPERATIONS CENTER / LOGISTICS SECTION

- The AOC is activated **M-F from 0900-1600 at Level II**; Warehouse Ops are M-F - 0900-1600.
- SCARCE Resources: Gloves, Syringes, Needles

Inventory Report 5/24/21 - 8/13/21

Logistics Daily Units Distributed 8/7/21 - 8/13/21

N95 Mask	12,420
Surgical Mask	18,450
Gown	4,600
Gloves	0
PPE-Suit	20,500
Face Shields/Eye Protection	3,300
Hand Sanitizer	300
Other	63,707
Total Units	123,277

Medical Supply/Equipment Total Units Distributed

N95 Mask	152,160
Surgical Mask	231,200
Gowns	730,065
PPE-Suit	1,000
Gloves	2,234,500
Eye Protection	63,089
Hand Sanitizer	6,285
Other Items	299,601
Total Units	2,894,220

Resource Requests - Updated 8/16/21 at 1637

Received ■ Filled ●

