CORONAVIRUS UPDATE — SOUTHERN CALIFORNIA

Extraordinary Assumptions: There are a lot of different data sources in this report not all of them match but aid to provide an overall picture of the current situation. COVID-19 Data Source Comparison - https://covid-19.splunkforgood.com/covid_19_datasource_comparison

Daily Situation Summary
Tuesday, July 7, 2020
As of 10:00 AM

COVID-19 by the Numbers

07/07/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Sana Barbra	Ventura	California	United States	Global
Total Cases	21,511	6,441	5,351	115,133	19,430	15,026	16,728	730	3,671	3,866	271,684	2,886,267	11,500,302
New Cases	3	0	120	7,877	183	390	562	31	151	179	11,529	44,361	172,512
Cases Per Capita	903	3,574	606	1,140	614	704	506	259	827	456	694	875	150
Recovered	8,711	6,056	3,695	Not Reported	8,634	8,324	Not Reported	Not Reported	3,237	2,028	73,329	1,326,669	6,796,453
Total Deaths	479	114	81	3,454	366	269	387	2	29	47	6,337	129,811	535,759
New Deaths	0	0	0	0	3	0	0	0	0	0	6	235	3,419
Deaths Per Capita	20.10	63.26	9.17	34.20	11.57	12.60	11.72	0.71	6.54	5.54	16.19	39.35	6.99
% of State's Cases	7.92%	2.37%	1.97%	42.38%	7.15%	5.53%	6.16%	0.27%	1.35%	1.42%	9.41%	25.10%	
Currently in Hospitals	614	93	222	2,645	792	565	441	17	73	93	7,278		
Total Hospital Beds	4,065	298	1,832	23,936	7,401	4,834	6,250	451	763	298	80,170		
Currently in ICU	130	20	64	527	203	164	158	3	18	130	1,706		
ICU Beds Available	130	15	74	1,295	418	112	350	41	72	130	3,885		
Case Fatality Rate	2.2%	1.8%	1.5%	3.0%	1.9%	1.8%	2.3%	0.3%	0.8%	1.2%	2.3%	4.5%	4.7%
Population*	2,383,286	180,216	883,053	10,098,052	3,164,182	2,135,413	3,302,833	281,455	443,738	848,112	39,148,760	329,904,928	7,661,339,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.08%	0.0377%	

Sources: CDPH, WHO, CDC

The date for which case statistics and hospital data were reported. Hospital COVID data are self-reported through a portal managed by the California Hospital Association and pulled at 2pm. COVID case statistics are reported by local health departments to CalREDIE and are pulled at 2pm. Hospital data and case statistics are integrated by the California Department of Technology and made available through the Open Data Portal the following morning.

*California-Demographics.com is made by Cubit – a demographic data provider & census.gov

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News

Israel announces antibody that neutralizes coronavirus, even amongst infected.

- Israel announces an antibody that neutralizes coronavirus, even amongst the infected.
- The Israel Institute for Biological Research (IIBR) and the Israeli Ministry of Defense announced that the development phase of an antibody that would be effective in neutralizing SARS-Cov-2, known as the coronavirus, has been completed.
- Through its Twitter account, the Israeli Ministry of Defense confirmed the development of what could become the first antidote to covid-19.
- Israel claim that the IIBR is the first institution to achieve a scientific breakthrough that meets all three parameters:
    1. A new and refined monoclonal antibody containing a deficient proportion of harmful proteins
    2. The antibody can neutralize the coronavirus
    3. The antibody was explicitly tested in aggressive cases of coronavirus
- In the meantime, the Government of Israel announced the complete removal of mobility restrictions imposed on citizens.
  https://www.theyucatantimes.com/2020/05/israel-announces-antibody-that-neutralizes-coronavirus-even-amongst-infected/?fbclid=IwAR2jT_nWMAnh1HXpF9U8An083Ot1H0KUWAwng5kbbqiqS2taBf3rXtTZ340

Israel Announced A Major Coronavirus Antibody Breakthrough. Here's Why That's Reason To Be Optimistic

https://www.forbes.com/sites/sethcohen/2020/05/05/israel-just-announced-a-major-coronavirus-antibody-breakthrough-heres-why-thats-reason-to-be-optimistic/#52ccb50c5ba4

Israeli scientists discover monoclonal antibody that neutralizes SARS-CoV-2

https://www.news-medical.net/news/20200505/Israeli-scientists-discover-monoclonal-antibody-that-neutralizes-SARS-CoV-2.aspx

Doctor's Note: How COVID-19 is increasing antibiotic resistance

- Doctors and scientists have long spoken about the world sleepwalking towards an "antimicrobial apocalypse" - where antibiotics used to treat some of our most common and serious infections are rendered useless as bacteria grow resistant to them. These experts have said urgent action is needed if we want to continue to be able to treat bacterial infections effectively in the future.
- Antibiotics are one of our most useful medications. There are many different types and they work in a variety of ways, but essentially they all have the same goal: to stop bacteria that cause infections from multiplying and spreading. They are used to treat simple chest and throat infections but also in hospitals to treat more serious infections such as meningitis and sepsis.
- Without antibiotics, infections can run rife inside the human body causing widespread damage and even death. Without them, the infections we normally treat quite effectively will begin to increase and we will be left with no medicine with which to fight them.
  https://www.aljazeera.com/indepth/features/doctor-note-covid-19-increasing-antibiotic-resistance-200608151154225.html

Atlanta Mayor Tests Positive For COVID 19

- Atlanta Mayor Keisha Lance-Bottoms shared Monday afternoon on Twitter that she tested positive for COVID-19.
- "COVID-19 has literally hit home. I have had NO symptoms and have tested positive," she wrote on Twitter.
  https://patch.com/georgia/atlanta/atlanta-mayor-tests-positive-covid-19

Pooling Coronavirus Tests Can Spare Scarce Supplies, But There's A Catch

- The technique, called pooled testing, won't resolve the testing bottlenecks in the United States. But it could help.
- The idea is simple. Instead of running a coronavirus test on every specimen that arrives in a lab, take a sample of that specimen and combine it with samples from other specimens. Then run a single test on that pooled sample.
- If it comes back negative, you can assume that all of the original samples are negative. A single test has done the work of five or 10, compared with testing the samples individually.
- If the pooled test comes back positive, it's then necessary to test each of the original specimens individually — and that takes more time and more material. But on the whole, if a lab is testing samples that will be negative at least 90% of the time, the lab comes out ahead using the pooled approach.

  https://www.npr.org/sections/health-shots/2020/07/06/886886255/pooling-coronavirus-tests-can-spare-scarce-supplies-but-theres-a-catch

US is still 'knee-deep' in the first wave of the coronavirus pandemic, Fauci says

- In the span of a week and a half, the number of coronavirus cases in the United States has doubled, yet officials are saying this is still the first wave of the pandemic.
- "We are still knee-deep in the first wave of this," Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases, said in a Facebook and Twitter livestream Monday. "I would say, this would not be considered a wave. It was a surge, or a resurgence of infections superimposed upon a baseline ... that really never got down to where we wanted to go."
- Dr. Fauci on Monday, Dr. Francis Collins, the National Institutes of Health director, tried to reassure Americans the country would get through the pandemic.
- "We just need all of the people in America to have that confidence. Keep your optimism, keep your hope and do the right thing," Collins said, adding that people need to continue sticking with the recommendations of wearing masks, social distancing, frequent hand washing and avoiding cramped spaces indoors.
- "All of those simple and straightforward things that I know you're a tired of. But the virus is still out there and needs all of us to keep this from getting any worse," Collins said.

  https://www.cnn.com/2020/07/06/health/us-coronavirus-monday/index.html

San Antonio, Bexar County reports youngest COVID-19 related death so far

- San Antonio and Bexar County reported its youngest COVID-19-related death so far on Sunday. The patient was 19 years old or younger, according to the city's website.
- The Miracle League of San Antonio posted on Facebook Sunday that 17-year-old Isaac Flores, the son of Coach Frank Flores, passed away due to complications with the coronavirus.

  https://www.ksat.com/news/local/2020/07/06/covid-19-related-deaths-continue-to-increase-in-san-antonio-bexar-county/

Florida teen COVID-19 victim received unproven treatment at home before dying at hospital, report says

- The family of a 17-year-old Lee County girl who died last month from COVID-19 treated her symptoms at home for nearly a week before taking her to a hospital, a medical examiner's report concludes.
- The home care included giving the girl unproven drugs and putting her on an oxygen tank used by her grandfather.

  https://www.news-press.com/story/news/2020/07/06/fort-myers-teen-who-died-covid-19-coronavirus-first-got-hydroxychloroquine-treatment-home/5383971002/

More than 300 children in Texas day cares have caught COVID-19

- Although COVID-19 transmission rates nationwide among children have appeared to remain relatively low, more than 300 children at Texas childcare centers have tested positive, and the numbers are rising quickly.
- As of Tuesday, there were 950 reported positive cases of COVID-19 - 307 children and 643 staff members - at 668 child care locations. Statewide, 12,207 licensed childcare operations are open, and total reported coronavirus cases have risen from 59 cases in mid-May and 576 on June 23.
- On Thursday, Texas published a new set of emergency rules for childcare centers, reinstating safety mandates that had been repealed in mid-June. These include requiring childcare centers to check temperatures of staff and students daily, having parents drop students off outside, and not serving family-style meals.
  https://abc13.com/more-than-300-kids-in-texas-daycares-caught-covid-19-coronavirus-news-and/6291701/?fbclid=IwAR33whxTluJ1TnrleKvxxJd9x1FpfbkGi4p53UXQUX5jx4xmpT-tjDBTo-w

One Good Thing

- Stories about the kindness of strangers and individuals who sacrifice for others during the coronavirus outbreak.
  https://apnews.com/OneGoodThing

Information

Flexible leave policies can keep workers and the public safe.
https://www.osha.gov/Publications/OSHAFS-3747.pdf

The U.S. Food and Drug Administration Press Announcements:
https://www.fda.gov/news-events/fda-newsroom/press-announcements

- The U.S. Food and Drug Administration Coronavirus (COVID-19) Update: Daily Roundup July 6, 2020
  https://www.fda.gov/news-events/press-announcements/coronavirus-covid-19-update-daily-roundup-july-6-2020

U.S. Data
Covid-19 Case Cluster (past 48 hours)
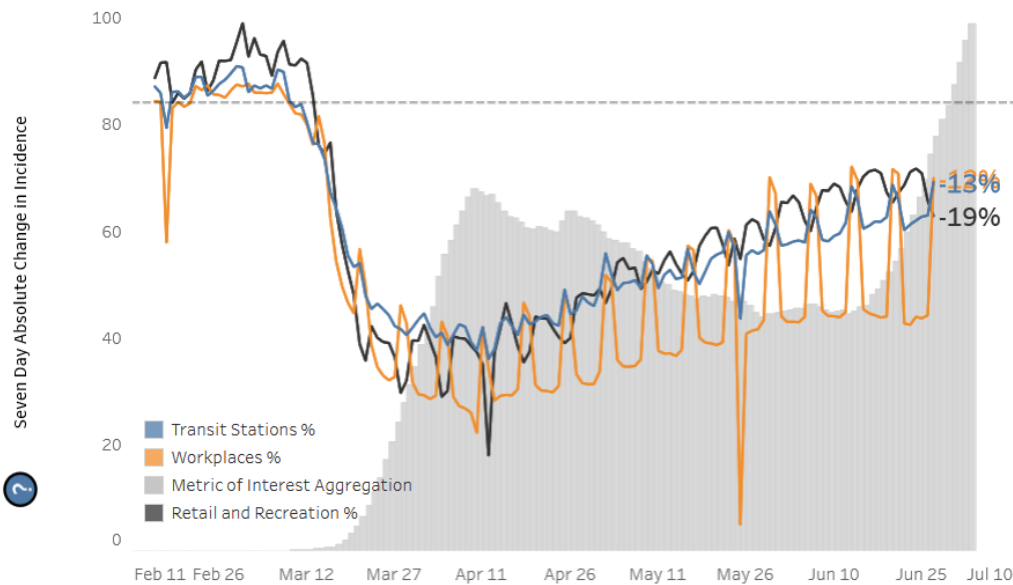
https://www.cdc.gov/covid-data-tracker/index.html

EXPLORE HUMAN MOBILITY AND COVID-19 TRANSMISSION IN YOUR LOCAL AREA

The Human Mobility and COVID-19 Transmission Dashboard was created in partnership with the Georgia Tech Research Institute. References to the Georgia Tech Research Institute do not imply endorsement or government sanction by the U.S. Centers for Disease Control and Prevention.
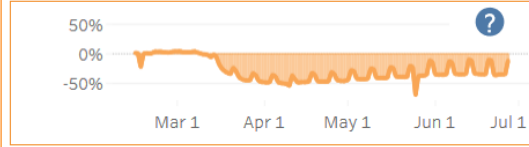
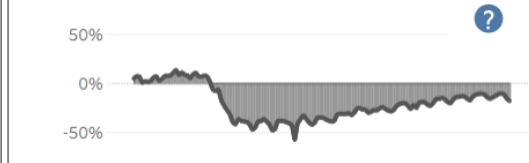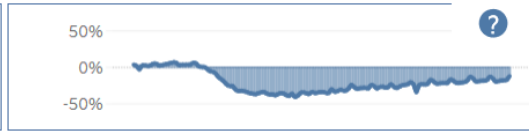| SELECT STATE	SELECT COUNTY	SELECT URBAN/RURAL COUNTY CLASSIFICATION	SELECT METRIC OF INTEREST
USA	(All)	(All)	Seven Day Absolute Change in Incidence

All, USA

Transit Stations %
Workplaces %
Metric of Interest Aggregation
Retail and Recreation %

-13%
-19%

SHELTER IN PLACE ORDERS
Hover over bar for dates and details (Select a state from dropdown to show orders)

WORKPLACES -12%

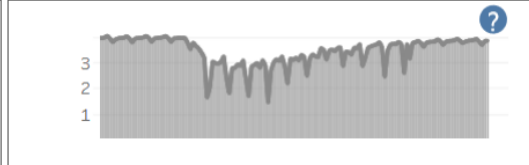**RETAIL AND RECREATION** -19%

TRANSIT STATIONS -13%

% AT HOME 29%

MOBILITY INDEX 3.8

Data Sources: Case data are courtesy of USAFacts.org. Refer to USAFacts for methods of data collection and processing. Officially verified U.S. case data are available on CDC's U.S. Cases page. The mobility metrics are generated utilizing Google Mobility Reports ((https://www.google.com/covid19/mobility/), Safegraph Social Distancing Metrics ((https://docs.safegraph.com/docs/social-distancing-metrics), and Cuebiq Mobility Insights (https://www.cuebiq.com/visitation-insights-covid19/). The shelter in place orders are collected and compiled by CDC's COVID-19 response.

Limitations: The Google Mobility Reports data are not updated as frequently as other sources and often has a lag between updates. The Safegraph Social Distancing Metrics may undercount the number of at home devices due to the fact that GPS does not register as often for people who are stationary. Also, GPS does not consistently update throughout the day, therefore someone may have taken a short trip (or not taken the device) and returned home before a sample was taken. In this case they would be counted as at-home. The shelter in place order data do not contain other types of government orders.

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Nationally Representative Estimates of Patient Impact and Hospital Capacity Measures

This dashboard is automatically updated by 12:00 pm ET on Tuesday, Wednesday, and Friday.
To learn more about statistical methods or download data, go to: National Healthcare Safety Network (NHSN) COVID-19 Module Data Dashboard

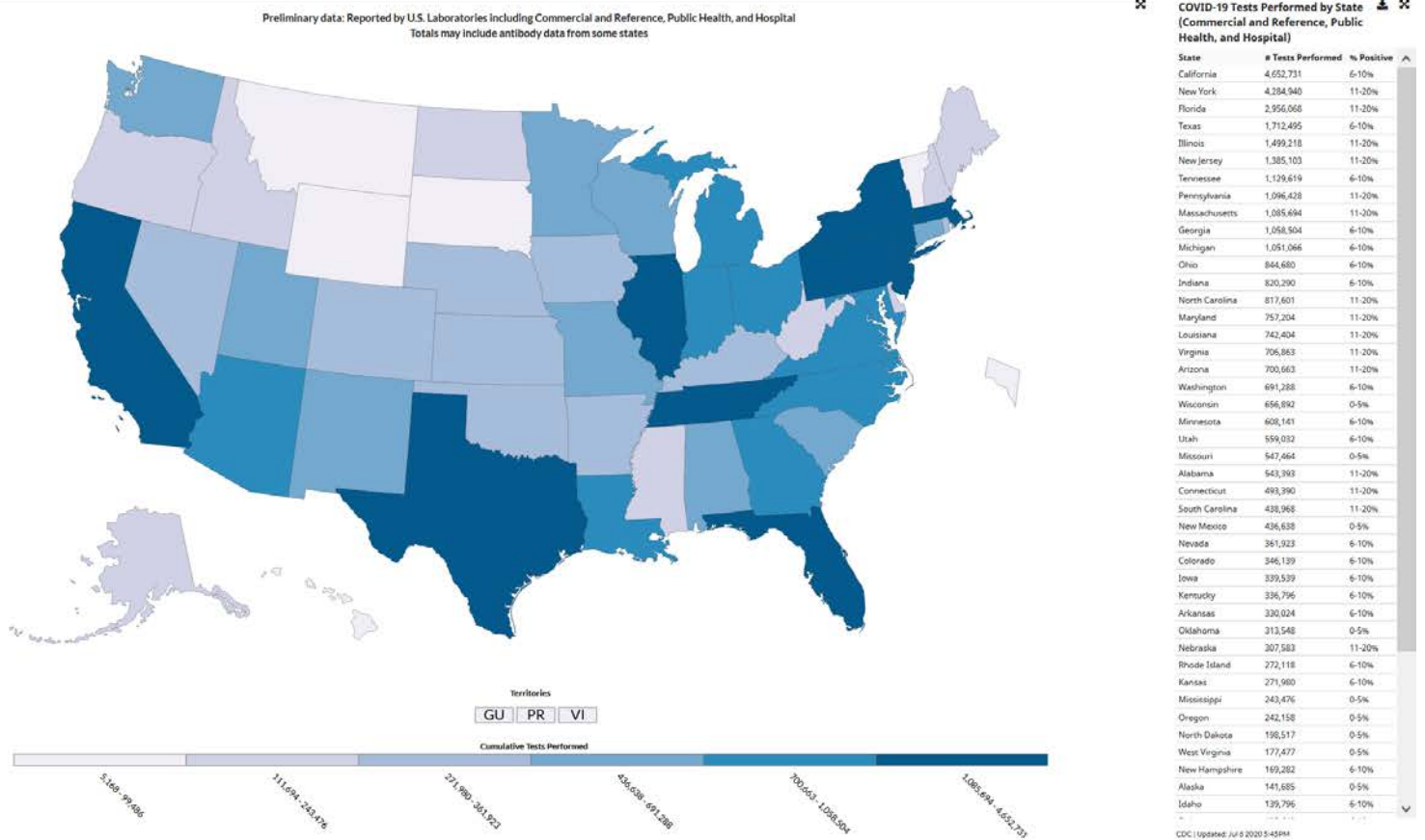| Estimates for July 6	Number (95% CI)	Percentage (95% CI)
Inpatient Beds Occupied (all Patients)	493,190 (469,053 - 517,326)	61% (60% - 63%)
Inpatient Beds Occupied (COVID-19 Patients)	57,894 (54,599 - 61,190)	7% (7% - 8%)
ICU Beds Occupied (all Patients)	75,849 (70,567 - 81,131)	61% (59% - 63%)

United States Laboratory Testing

Commercial and Reference, Public Health, and Hospital Laboratories

USA

37,258,821

TESTS REPORTED

CDC | Updated: Jul 6 2020 5:45PM

USA

3,449,251

POSITIVE TESTS

CDC | Updated: Jul 6 2020 5:45PM

USA

9%

**OVERALL %
POSITIVE**

CDC | Updated: Jul 6 2020 5:45PM

Preliminary data: Reported by U.S. Laboratories including Commercial and Reference, Public Health, and Hospital
Totals may include antibody data from some states

Territories

GU   PR   VI

Cumulative Tests Performed

5,160 - 99,696   111,694 - 243,476   271,980 - 361,923   436,638 - 691,288   700,663 - 1,058,504   1,085,694 - 4,652,731

COVID-19 Tests Performed by State
(Commercial and Reference, Public
Health, and Hospital)

State	# Tests Performed	% Positive
California	4,652,731	6-10%
New York	4,284,940	11-20%
Florida	2,956,068	11-20%
Texas	1,712,495	6-10%
Illinois	1,499,218	11-20%
New Jersey	1,385,103	11-20%
Tennessee	1,129,619	6-10%
Pennsylvania	1,096,428	11-20%
Massachusetts	1,085,694	11-20%
Georgia	1,058,504	6-10%
Michigan	1,051,066	6-10%
Ohio	844,680	6-10%
Indiana	820,290	6-10%
North Carolina	817,601	11-20%
Maryland	757,204	11-20%
Louisiana	742,404	11-20%
Virginia	706,863	11-20%
Arizona	700,663	11-20%
Washington	691,288	6-10%
Wisconsin	656,892	0-5%
Minnesota	608,141	6-10%
Utah	559,032	6-10%
Missouri	547,464	0-5%
Alabama	543,393	11-20%
Connecticut	493,390	11-20%
South Carolina	438,968	11-20%
New Mexico	436,638	0-5%
Nevada	361,923	6-10%
Colorado	346,139	6-10%
Iowa	339,539	6-10%
Kentucky	336,796	6-10%
Arkansas	330,024	6-10%
Oklahoma	313,548	0-5%
Nebraska	307,583	11-20%
Rhode Island	272,118	6-10%
Kansas	271,960	6-10%
Mississippi	243,476	0-5%
Oregon	242,158	0-5%
North Dakota	198,517	0-5%
West Virginia	177,477	0-5%
New Hampshire	169,282	6-10%
Alaska	141,685	0-5%
Idaho	139,796	6-10%

CDC | Updated: Jul 6 2020 5:45PM

COVID-19 Update

FEMA

Situation: Upward trajectory in COVID-19 case count continues across 31 states. Interagency missions have been launched to 9 hotspot locations to collaborate with local stakeholders to understand how federal agencies can support. 31,745 (-163) Federal employees deployed / activated; 2,303 (-43) FEMA employees deployed. Nationwide Testing: 36,255,888 (+798,299) cumulative as of July 6.

Cases of COVID-19 continue to increase throughout the world
- Confirmed Cases of COVID-19
  - United States: 2,889,302 (+47,396)
  - Worldwide: 11,125,245 (+203,836)
- Deaths caused by COVID-19
  - United States: 129,811 (+235)
  - Worldwide: 528,204 (+5,195)

Response:
- NRCC at Level I
- Regions II RRCC at Level II
- Regions I, III, VI, & X RRCCs at Level III
- Regions VII, VIII, & IX RRCCs are rostered
- Regions IV, VII, VIII, & IX COVID-19 response being worked from the Virtual JFO
- NWC, all RWCs, and MOCs are monitoring
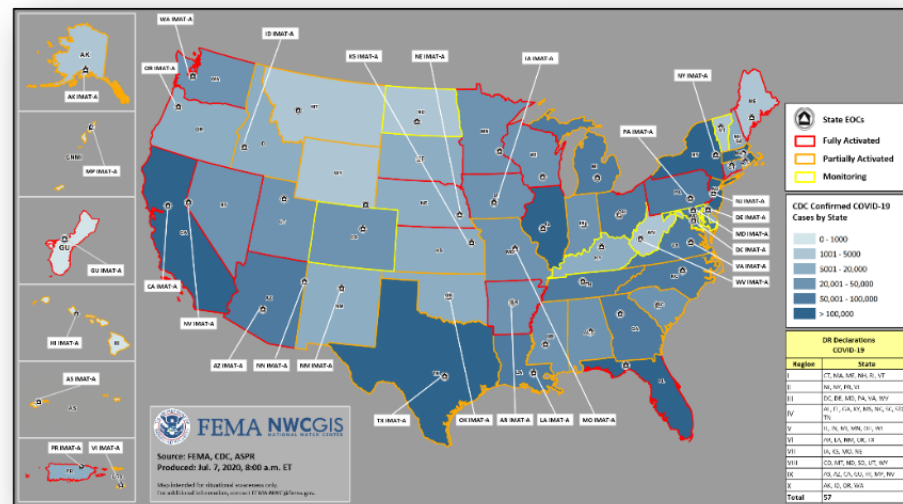
(COVID-19 SLB, July 6)

State Data

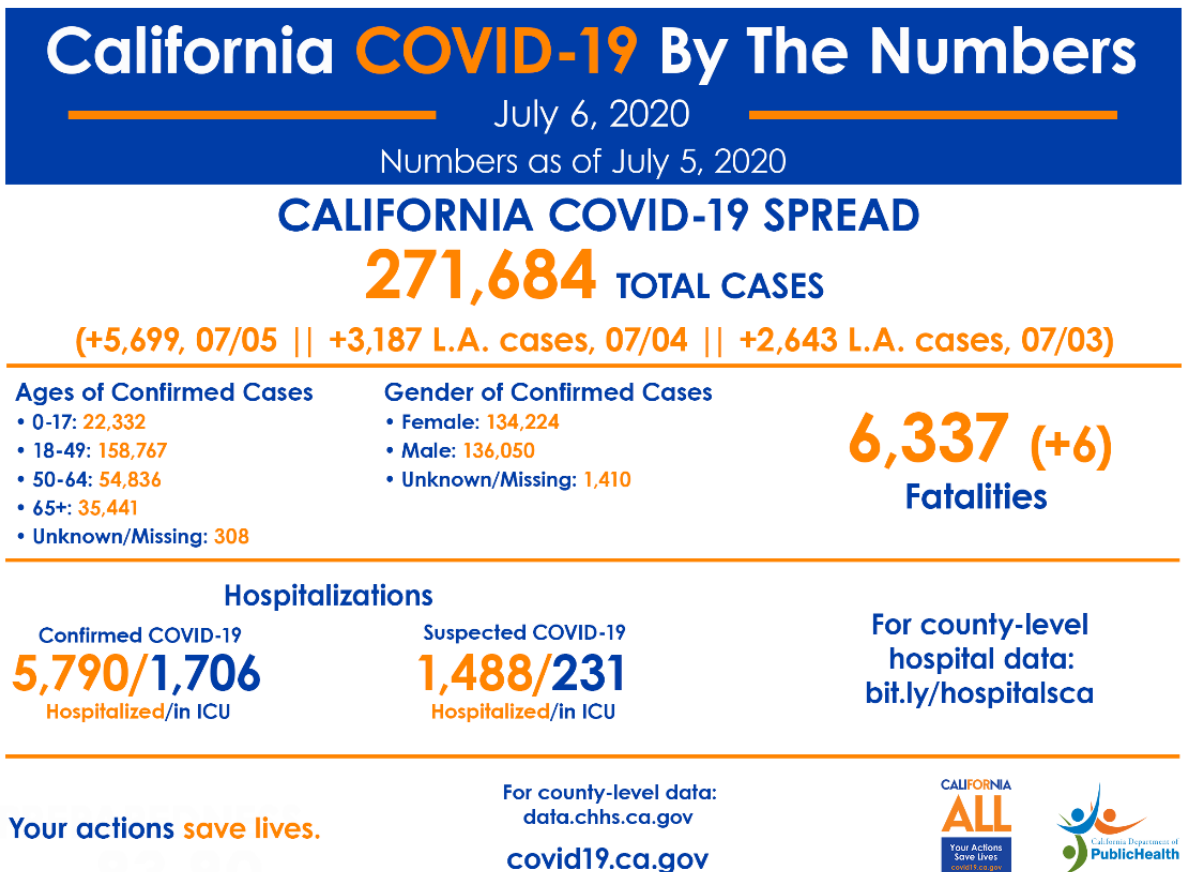## Statewide industry guidance to reduce risk

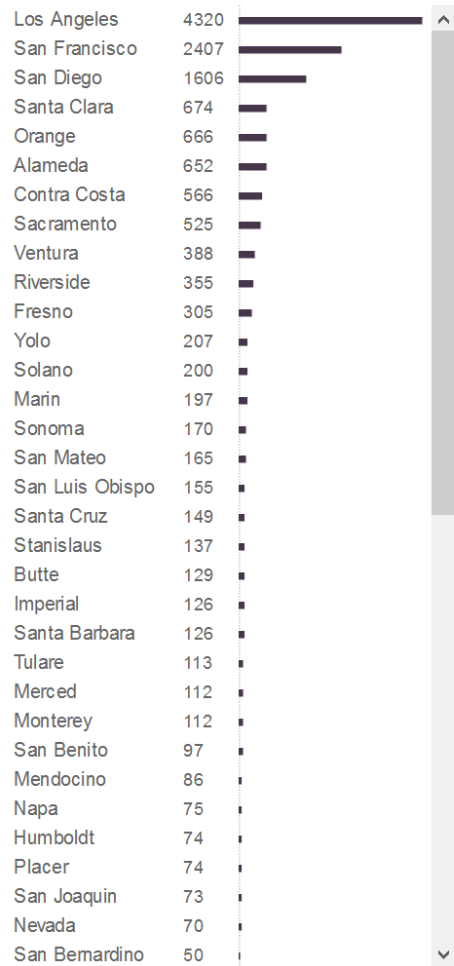## Open sectors in counties with variance

Data models

California COVID-19 By The Numbers

July 6, 2020

Numbers as of July 5, 2020

CALIFORNIA COVID-19 SPREAD

271,684 TOTAL CASES

(+5,699, 07/05 || +3,187 L.A. cases, 07/04 || +2,643 L.A. cases, 07/03)

Ages of Confirmed Cases
- 0-17: 22,332
- 18-49: 158,767
- 50-64: 54,836
- 65+: 35,441
- Unknown/Missing: 308

Gender of Confirmed Cases
- Female: 134,224
- Male: 136,050
- Unknown/Missing: 1,410

6,337 (+6)
Fatalities

Hospitalizations

Confirmed COVID-19
5,790/1,706
Hospitalized/in ICU

Suspected COVID-19
1,488/231
Hospitalized/in ICU

For county-level hospital data:
bit.ly/hospitalsca

Your actions save lives.

For county-level data:
data.chhs.ca.gov

covid19.ca.gov

CALIFORNIA ALL
Your Actions Save Lives
covid19.ca.gov

California Department of PublicHealth

COVID-19: Homeless Impact

Sort by

| Rooms Secured ▼ |

Rooms Secured

Los Angeles	4320
San Francisco	2407
San Diego	1606
Santa Clara	674
Orange	666
Alameda	652
Contra Costa	566
Sacramento	525
Ventura	388
Riverside	355
Fresno	305
Yolo	207
Solano	200
Marin	197
Sonoma	170
San Mateo	165
San Luis Obispo	155
Santa Cruz	149
Stanislaus	137
Butte	129
Imperial	126
Santa Barbara	126
Tulare	113
Merced	112
Monterey	112
San Benito	97
Mendocino	86
Napa	75
Humboldt	74
Placer	74
San Joaquin	73
Nevada	70
San Bernardino	50

ROOM ACQUISITION

Rooms Secured

15,557 +4 +0.0%

Percent of Goal

104%

Secured Statewide:
15,557

Room Goal:
15,000

ROOM OCCUPANCY

Rooms Occupied

10,863 +36 +0.3%

Percent Occupied

70%

Rooms Occupied:
10,863

Secured:
15,557

TRAILER DISTRIBUTION

Trailers Delivered

1,305 +0 +0.0%
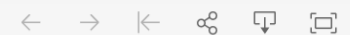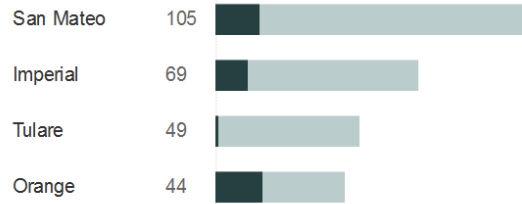
Percent of Goal

100%

Trailers Delivered:
1,305

Trailer Goal:
1,305

Last Updated on 7/3/2020

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Beds Ready to Accept Patients & Patients in Beds by County

County	Value
San Mateo	105
Imperial	69
Tulare	49
Orange	44

Beds Ready to Accept Patients	Beds in Warm Status	Patients in Beds
267	1,929	43

Total Beds by Facility Type

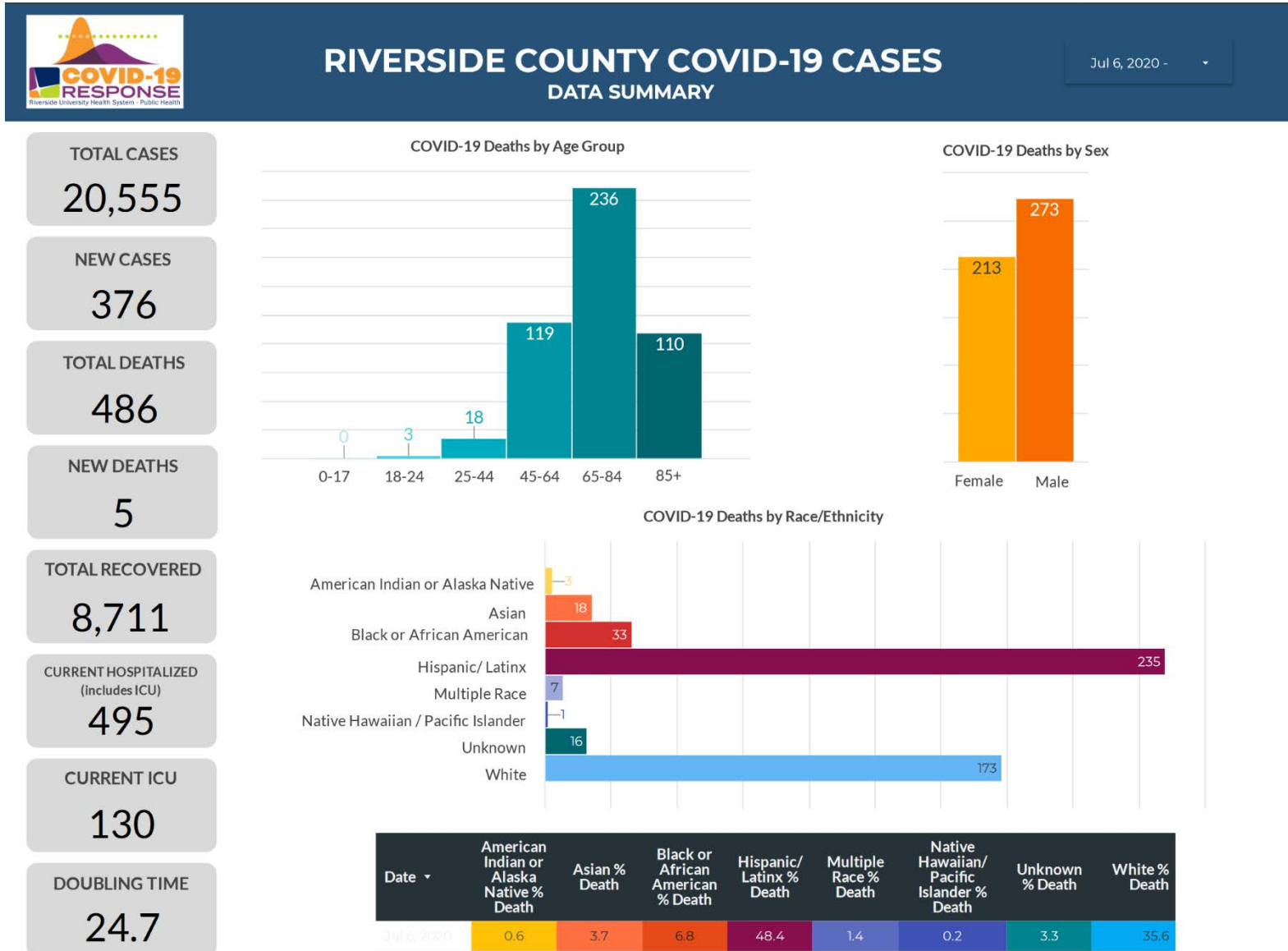| Facility Type	Value
Hospital	105
Alternative Care Facility	93
Federal Medical Station	69

Number of Facilities Ready to Accept Patients: 3

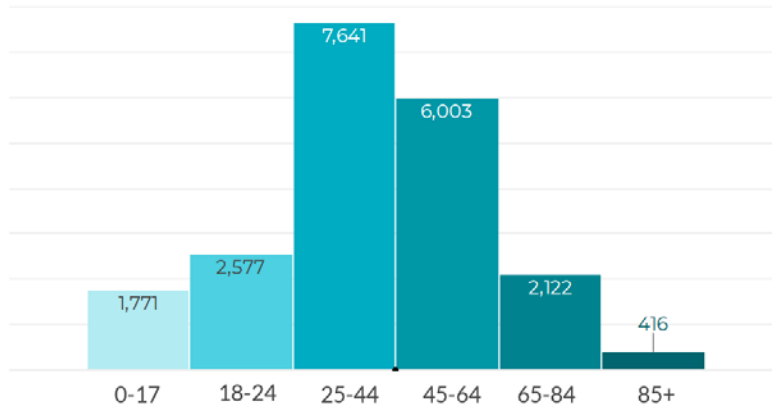● Size = Beds Ready to Accept Patients

Last Updated on 7/5/2020

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Riverside County Data

https://www.rivcoph.org/coronavirus

Order Closing Indoor Services and Sectors - July 2, 2020

RIVERSIDE COUNTY COVID-19 CASES
DATA SUMMARY

Jul 6, 2020 -

TOTAL CASES	20,555
NEW CASES	376
TOTAL DEATHS	486
NEW DEATHS	5
TOTAL RECOVERED	8,711
CURRENT HOSPITALIZED (includes ICU)	495
CURRENT ICU	130
DOUBLING TIME	24.7

COVID-19 Deaths by Age Group

- 0-17: 0
- 18-24: 3
- 25-44: 18
- 45-64: 119
- 65-84: 236
- 85+: 110

COVID-19 Deaths by Sex

- Female: 213
- Male: 273

COVID-19 Deaths by Race/Ethnicity

- American Indian or Alaska Native: 3
- Asian: 18
- Black or African American: 33
- Hispanic/ Latinx: 235
- Multiple Race: 7
- Native Hawaiian / Pacific Islander: 1
- Unknown: 16
- White: 173

Date ▼	American Indian or Alaska Native % Death	Asian % Death	Black or African American % Death	Hispanic/ Latinx % Death	Multiple Race Death	Native Hawaiian/ Pacific Islander % Death	Unknown % Death	White % Death
Jul 6, 2020	0.6	3.7	6.8	48.4	1.4	0.2	3.3	35.6

Prepared by Justin Czerniak

justin.czerniak@norcocollege.edu

RIVERSIDE COUNTY COVID-19 CASES
DATA SUMMARY

Jul 6, 2020 - J ▾

COVID-19 Cases by Age Group

Age Group	Cases
0-17	1,771
18-24	2,577
25-44	7,641
45-64	6,003
65-84	2,122
85+	416

COVID-19 Cases by Sex

Sex	Cases
Female	10,171
Male	10,329
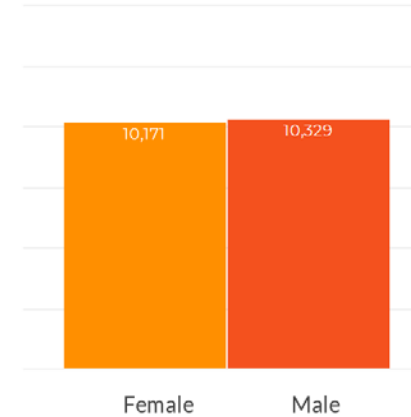
COVID-19 Cases by Race/Ethnicity

Race/Ethnicity	Cases
American Indian or Alaska Native	34
Asian	462
Black or African American	529
Hispanic/ Latinx	8,321
Multiple Race	81
Native Hawaiian / Pacific Islander	51
Unknown	8,694
White	2,383
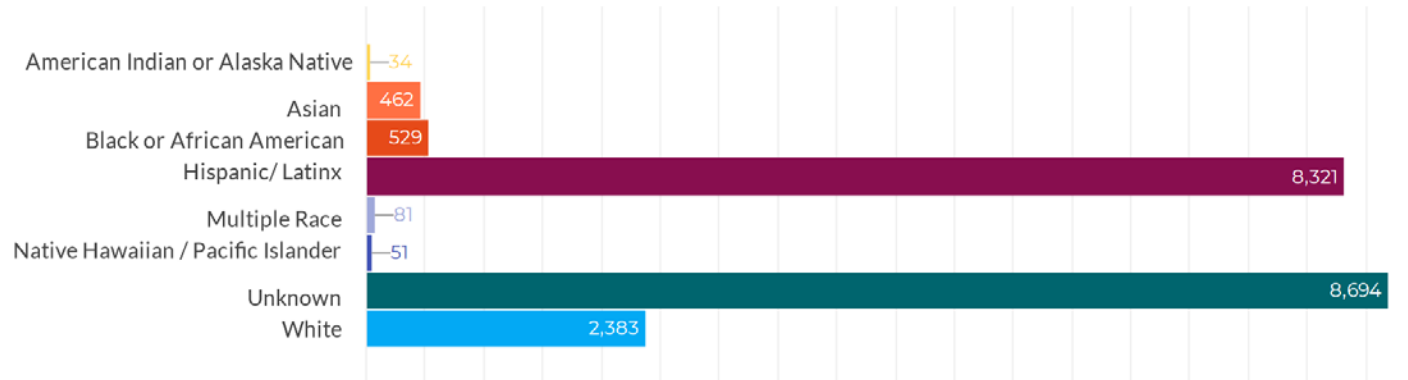
Date	American Indian or Alaska Native % Cases	Asian % Cases	Black or African American % Cases	Latinx % Cases	Multiple Race % Cases	Native Hawaiian/ Pacific Islander % Cases	Unknown % Cases	White % Cases
Jul 6, 2020	0.2	2.2	2.6	40.5	0.4	0.2	42.3	11.6

Prepared by Justin Czerniak

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Jul 6, 2020 - Jul 6, 2020

COVID-19 Cases
Recent Doubling Time
(3-Day Average)

24.7

days

Trajectory for July 7th:
18,811 projected cases (cumulative)

Initial
Trajectory

Confirmed COVID-19 Cases

Current Trajectory (as of June 16th)   Trajectory as of May 3rd   Confirmed COVID-19 Cases   Initial COVID-19 Trajectory
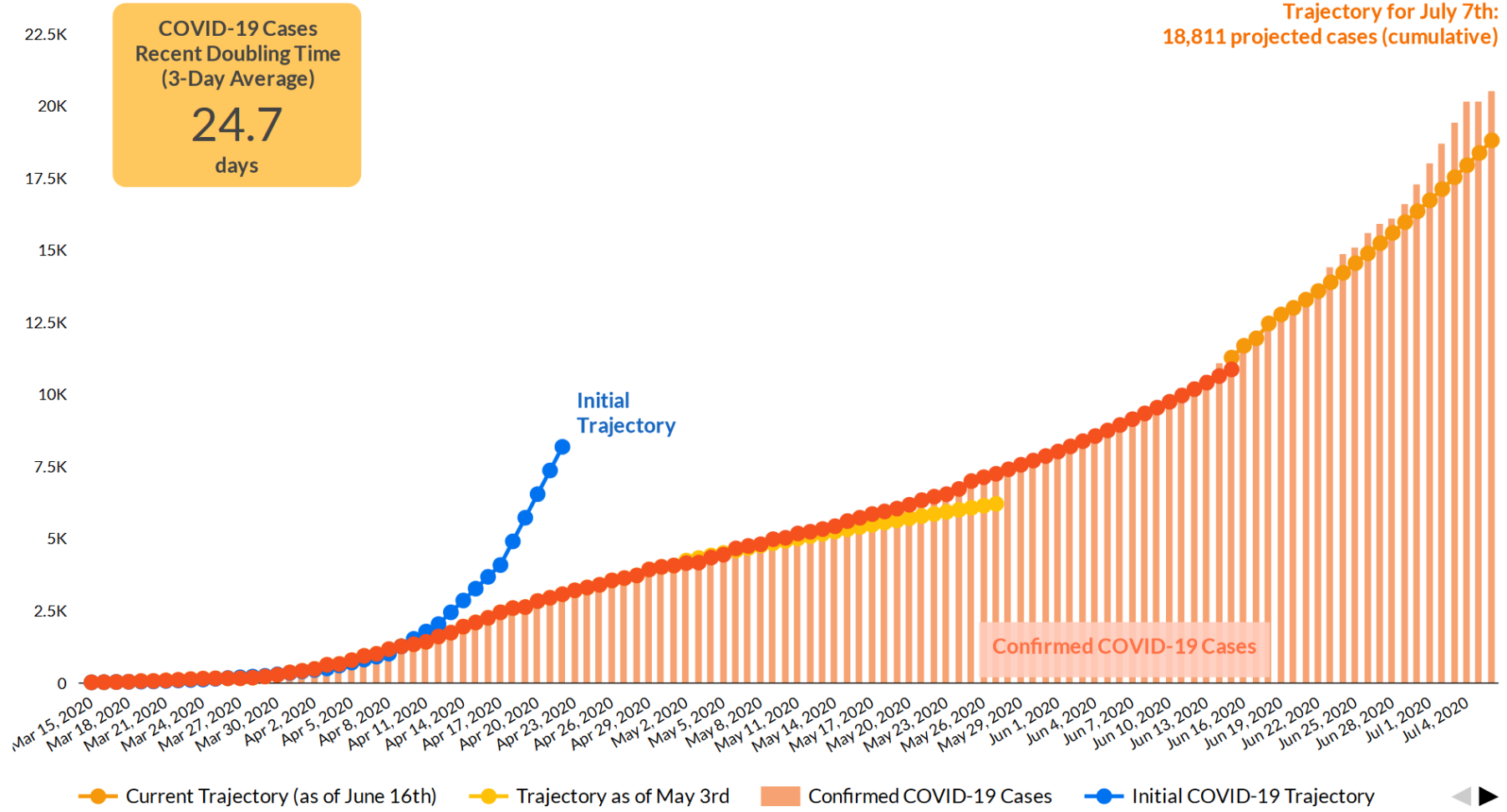
MAJOR EVENTS:

March 13th: Public Health Officer orders school closure
March 19th: California Governor orders stay at home
April 4th: Public Health Officer orders stay at home
and cover the face
April 18th: Asymptomatic testing begins

May 1st: Riverside County reverts to State orders
May 8th: Riverside County begins Phase 2
May 22nd: Riverside County accelerates to Phase 2.5
May 25: Memorial Day
June 1: Protest Downtown Riverside

June 29th: Bar closures ordered in Riverside County
July 1st: Indoor dining and and other select indoor
venues closed

RIVERSIDE COUNTY COVID-19 CASES

POSITIVE*
25,242

TESTS RESULTED*
259,183

Date	Recent Positivity Rate
Jun 30, 2020	15.9
Jun 29, 2020	16.0
Jun 28, 2020	16.2

COVID-19 Daily Lab Tests by Episode Date   COVID-19 Daily Positive Lab Tests by Episod...   COVID-19 Positivity Rate (7-Day Average) b...
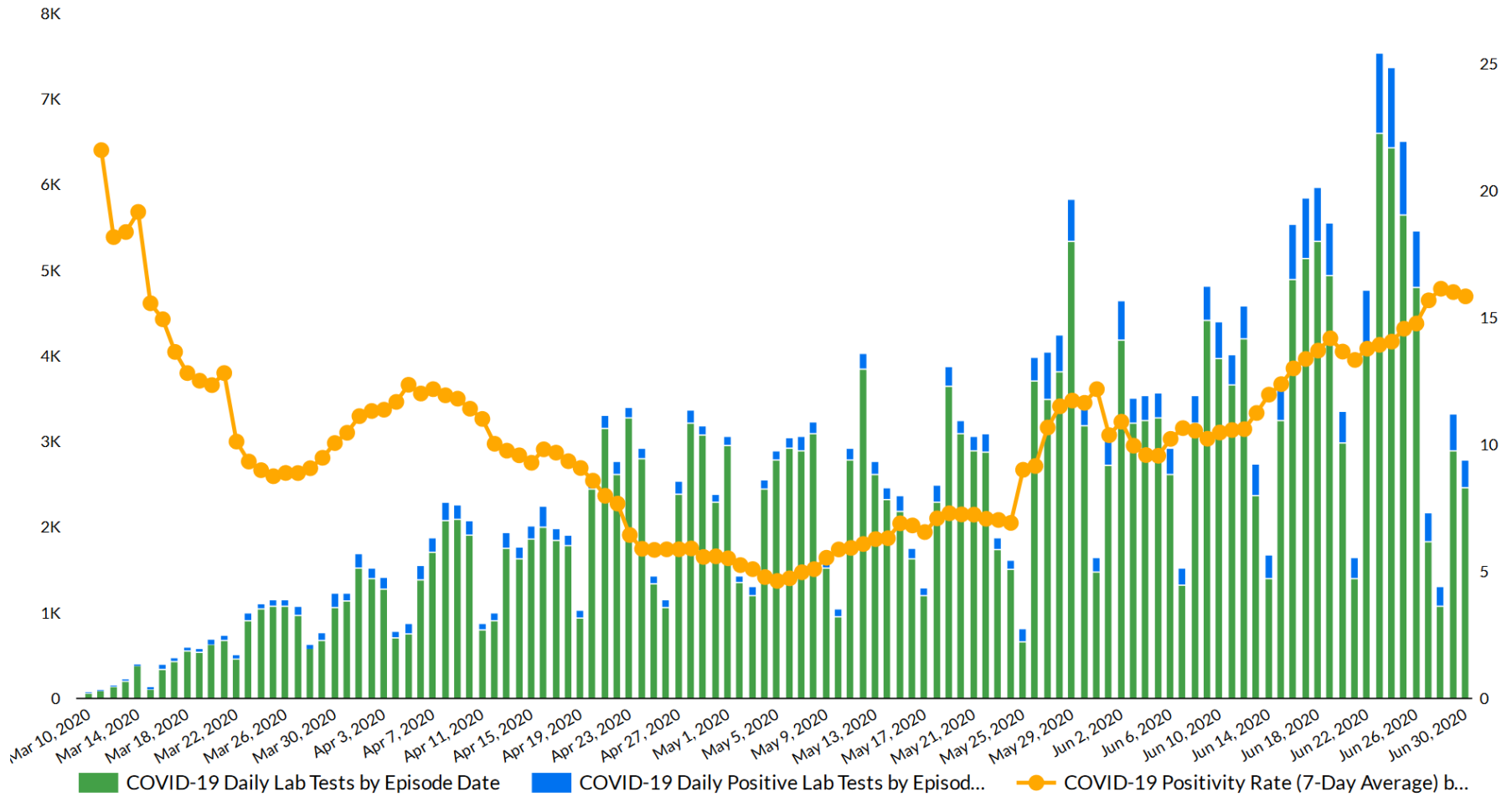
Based on case report date (Episode Date)

Numbers are based on case report date (Episode Date) and may slightly differ from confirmed case counts

Prepared by Justin Czerniak

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Emergency Management Department - COVID-19 Metrics

PREPARE   **RESPOND**   **RECOVER**

This collection of metrics is intended to help illustrate the impact of COVID-19 on the hospitals in Riverside County. The Emergency Management Department (EMD), in partnership with the Public Health Department, collects and tracks multiple metrics to assist in the County's response to COVID-19.

For the most up-to-date Riverside County Coronavirus information, please visit the Riverside County Public Health Department's website: **https://www.rivcoph.org/coronavirus**

Reporting of data runs 24 hours behind for State datasets, therefore the metrics below will normally be current with yesterday's data.

Hospitalized COVID-Confirmed Patients	Riverside Co. Hospitals' Patient Census	Ventilators In Use	Available Ventilators at Hospitals	ICU Beds In Use
495	**2,423**	**202**	**488**	**362**
↑ 2.7% from previous day	↑ 2.0% from previous day	↓ -5.2% from previous day	↑ 2.5% from previous day	↓ -0.3% from previous day

Licensed Hospital Bed/ICU Bed Utilization Trends

Legend: ICU Bed Utilization %   Hospital Bed Utilization %   COVID Confirmed Utilization %
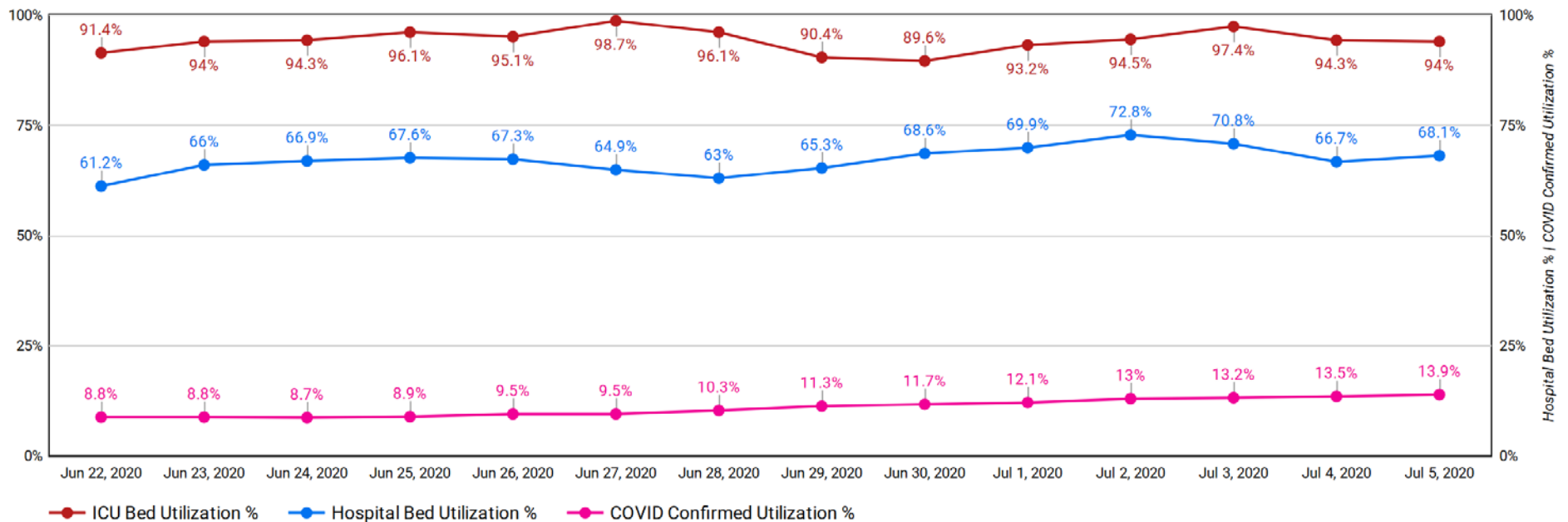
This page was created by the Riverside County Emergency Operations Center (EOC) to visualize hospital bed utilization rates compared with ICU bed utilization for the past two weeks.
Hospitalized COVID-Confirmed Patient volume is received with a day's lag time.

COVID-19 Hospitalized Patients - Rolling Metrics

PREPARE | **RESPOND** | **RECOVER**

This page displays COVID-Confirmed hospitalized patient trends in Riverside County hospitals, with a focus on changes in 3-day and 7-day moving averages as outlined by the State of California's re-opening criteria for counties.

Currently Hospitalized COVID-Confirmed Patients in Riverside County

495

Currently Hospitalized Patients from Correctional Facilities

10

Currently Hospitalized Patients from Imperial County

4

Hospitalized COVID-Confirmed Patients, 3-Day Avg.

482

3-Day Mov. Avg. Change, State Methodology

10.6%

Daily Change in 3-Day Moving Average

2.3%

3-Day Moving Average State Methodology: Last 3 days' average compared to the prior 3 days' average, compared against new 3-Day average. The change, measured in percent, represents the difference in the current 3-day moving average vs. the prior 3-day moving average.

7-Day COVID-Confirmed Hospitalizations Moving Avg. % Change

Values: 10.9%, 13%, 15%, 16.4%, 17.2%, 17.4%, 17.2%, 16.5%, 15.5%, 14.8%, 14.9%, 15.7%, 17%, 18.9%

5% Increase Threshold

3-Day Moving Average Change %, State Methodology

Values: 4.9%, 5.5%, 3.6%, 4.3%, 5.7%, 10.4%, 14.4%, 19.2%, 20%, 18.3%, 14.8%, 13.1%, 10.5%

10% Increase Threshold

Hospitalized COVID-19 Patients : 3-Day Moving Average vs. State Threshold of 10% Increase

Hospitalized COVID-Confirmed Patients 3-Day Moving Average — 10% Increase Threshold, State Methodology

Values: 224.7, 221.7, 219, 221.3, 226.3, 232.3, 235.3, 236.3, 233, 233.3, 240.7, 259.7, 277.7, 290.7, 294.7, 297, 303.3, 309, 313.3, 314.3, 322.3, 331.3, 347, 368.7, 395, 416.3, 436, 453.3, 471, 482

Dates: Jun 6, 2020 – Jul 5, 2020

This page was created by the Emergency Operations Center (EOC) - EMS Team, to visualize COVID-19 trends in Riverside County. Please visit the Department of Public Health's Coronavirus page for updated local information on the Coronavirus response in Riverside County: **https://www.rivcoph.org/coronavirus**

Weather

COVID-19 Weather Support

Issued:

1000 AM July 07, 2020

NATIONAL WEATHER SERVICE
SAN DIEGO, CA

IMPACT SCALE

None | Minor | Moderate | High | Extreme

Resources

- https://www.weather.gov/spot/
- **https://inws.ncep.noaa.gov**
- https://www.wrh.noaa.gov/sgx/event/dsstable.php

(858) 675 - 8705
(24/7, Restricted)

Weather.gov/SanDiego

7-day Forecast for Counties in far Southwest CA

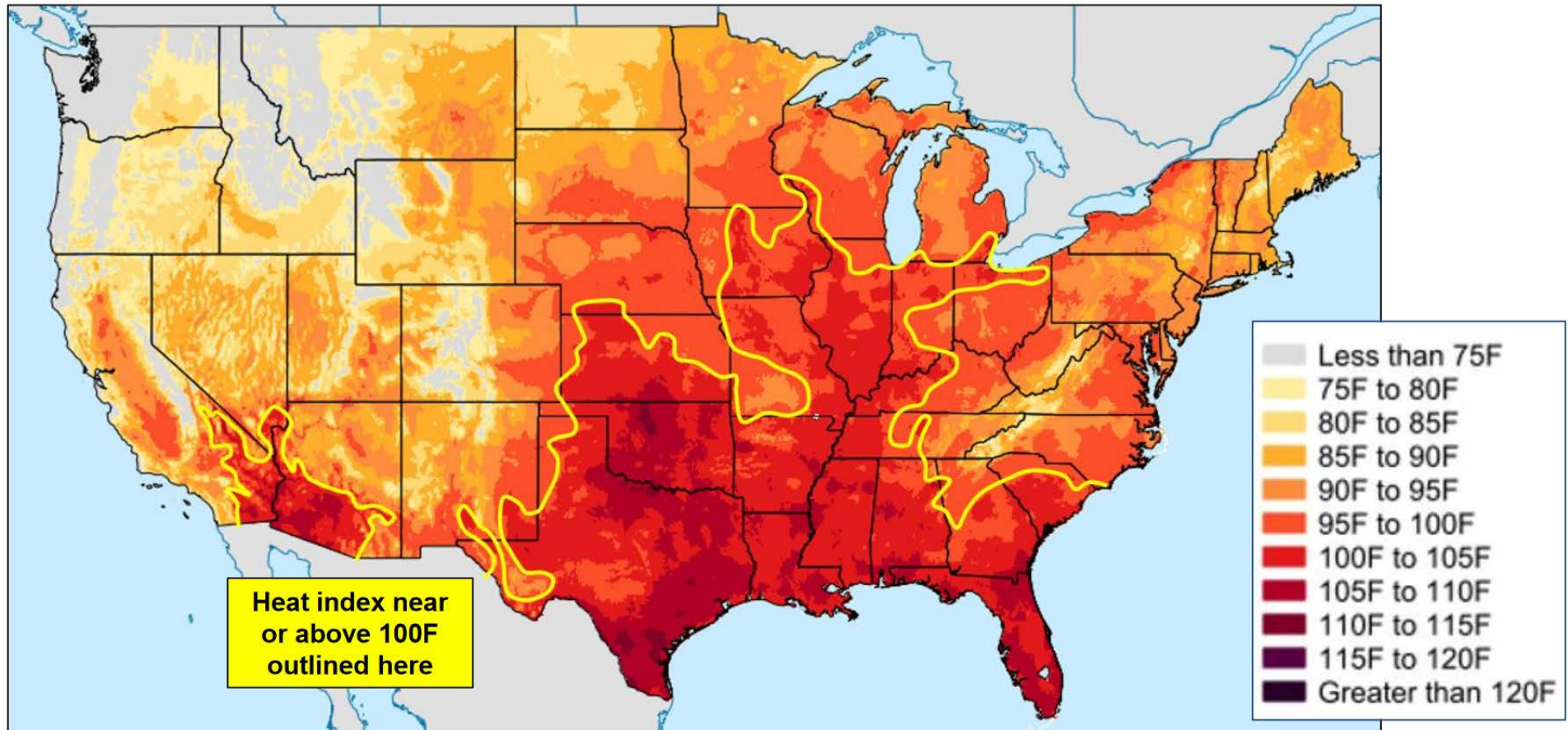| Period July 7- July 14 (24-hr)	Orange	SW San Bernardino	All Deserts	Western Riverside	San Diego
Today	None	None	Breezy	None	None
Wednesday	None	None	Breezy	None	None
Thursday	None	None	Warmer	None	None
Friday	None	Warm	Hot	Warm	None
Saturday	None	Very Warm	Very Hot	Very Warm	None
Sunday	None	Very Warm	Very Hot	Very Warm	None
Monday	None	Warm	Very Hot	Warm	None
Tuesday	None	Warm	Hot	Warm	None

Forecast Discussion

Cooler weather is in store through Thursday for all areas. A significant warm-up is in store Friday through at least Monday, with temperatures well above normal for all areas. The hottest locations will be the deserts. Temperatures in the lower deserts will be 115-120 degrees, and the high desert will be 105-110 degrees Saturday through Monday. Temperatures in the Inland Empire will be 100-105 degrees, and inland Orange County will be 95-100 degrees. While the heat may relent slightly towards the middle of next week, an extended period of hot weather appears likely through much of next week.

Latest hazard threat table: https://www.wrh.noaa.gov/sgx/event/dsstable.php

Maximum Heat Index Thru Friday

Heat index near or above 100F outlined here

Less than 75F
75F to 80F
80F to 85F
85F to 90F
90F to 95F
95F to 100F
100F to 105F
105F to 110F
110F to 115F
115F to 120F
Greater than 120F

Tropical Outlook – Atlantic

FEMA

Disturbance 1 *(as of 8:00 a.m. ET)*

- Located inland over northeastern Georgia
- Expected to move NE toward the coast of the Carolinas and the Mid-Atlantic states
- Some development is possible later this week if it moves over water
- Regardless of development, it is forecast to produce locally heavy rainfall that could cause flash flooding across portions of the southeastern U.S. during the next couple of days
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Medium (40%)
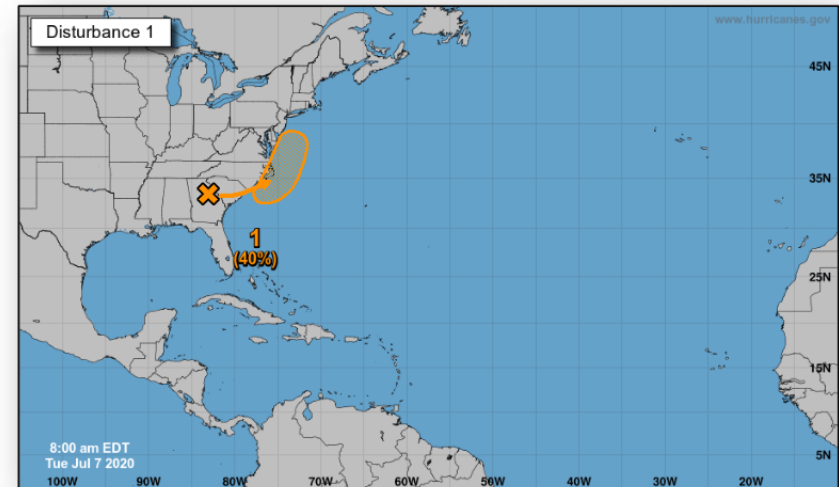
Tropical Outlook – Eastern Pacific

**_Tropical Storm Cristina_** *(Advisory #3 as of 5:00 a.m. ET)*
- 535 miles SSE of Manzanillo, Mexico
- Moving WNW at 13 mph; this motion expected to continue during the next few days, keeping it well away from the coast of Mexico
- Maximum sustained winds 40 mph; forecast to become a hurricane on Wednesday
- Tropical storm force winds extend 35 miles
- No costal watches or warnings in effect

Disturbance 1 *(as of 8:00 a.m. ET)*
- 1,000 miles SW of the southern tip of Baja California peninsula
- Some slow development possible over the next few days
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (30%)

Disturbance 2 *(as of 8:00 a.m. ET)*
- Forecast to form south of the Gulf of Tehuantepec late this week
- Gradual development is possible this weekend
- Formation chance through 48 hours: Low (near 0%)
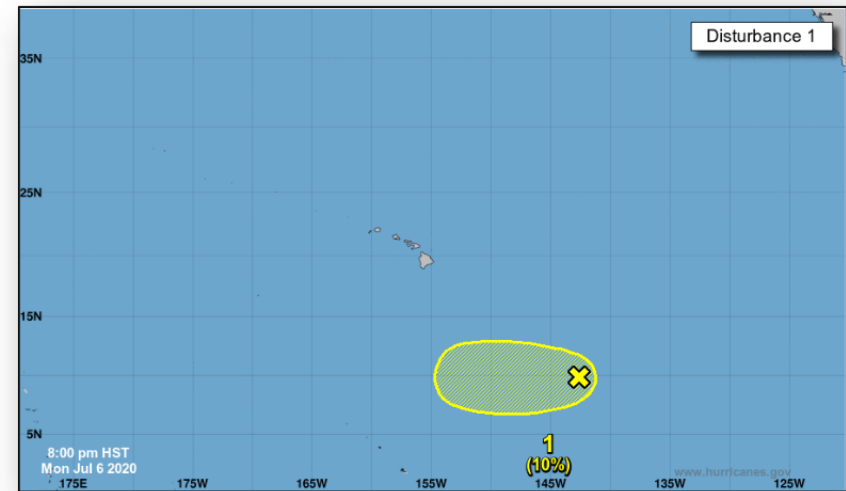- Formation chance through 5 days: Low (30%)
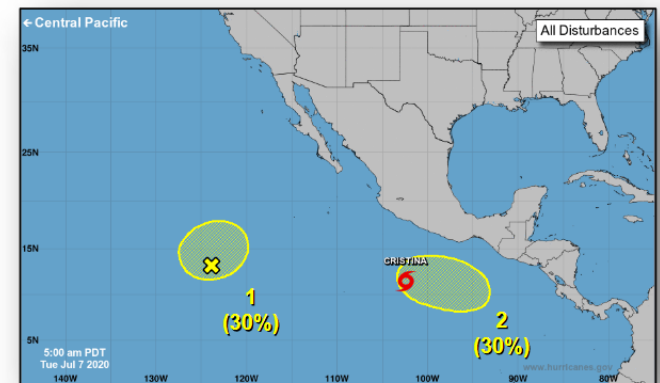
Tropical Outlook – Central Pacific

Disturbance 1 *(as of 8:00 a.m. ET)*

- Located far SE of the Big Island of Hawaii
- Some development is possible later in the week as it moves W
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (10%)

Space Weather

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	None	None	None	None
For further information on NOAA Space Weather Scales refer to: http://www.swpc.noaa.gov/noaa-scales-explanation				

HF Communication Impact

Sunspot Activity