**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
Thursday, July 16, 2020
As of 10:00 AM

COVID-19 by the Numbers

07/16/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Sana Barbra	Ventura	California	United States	Global
Total Cases	27,850	7,095	6,979	140,632	26,915	20,489	20,887	1,060	4,641	4,950	347,634	3,416,428	13,338,364
New Cases	714	43	171	4,264	937	879	539	71	200	150	11,126	60,971	187,719
Cases Per Capita	1,169	3,937	790	1,393	851	959	632	377	1,046	584	888	1,035	174
Recovered	10,113	7,070	4,420	Not Reported	11,611	11,992	Not Reported	Not Reported	4,046	2,573	95,157	1,646,683	8,189,196
Total Deaths	553	141	98	3,894	433	309	436	5	31	53	7,227	135,991	579,319
New Deaths	3	5	0	72	9	2	14	0	0	0	140	773	4,855
Deaths Per Capita	23.20	78.24	11.10	38.56	13.68	14.47	13.20	1.78	6.99	6.25	18.46	41.22	7.56
% of State's Cases	8.01%	2.04%	2.01%	40.45%	7.74%	5.89%	6.01%	0.30%	1.34%	1.42%	10.18%	25.61%	
Currently in Hospitals	716	85	254	2,899	809	676	482	10	91	85	8,353		
Total Hospital Beds	4,129	298	1,822	23,862	7,401	4,838	6,674	468	763	298	80,946		
Currently in ICU	141	23	62	579	238	174	149	4	29	141	1,907		
ICU Beds Available	166	6	77	1,297	404	158	349	39	56	166	3,798		
Case Fatality Rate	2.0%	2.0%	1.4%	2.8%	1.6%	1.5%	2.1%	0.5%	0.7%	1.1%	2.1%	4.0%	4.3%
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	329,954,289	7,663,885,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.11%	0.0446%	

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

News

US Data

Riverside County Data

Information

State Data

Weather

News

India's coronavirus cases near 1 million after daily record

- The United States could get the coronavirus pandemic under control in one to two months if every American wore a mask, a top Centers for Disease Control and Prevention official said Tuesday.
- "The time is now," Dr. Robert Redfield, director of the CDC, said during an interview with the Journal of the American Medical Association's Dr. Howard Bauchner. "I think if we could get everybody to wear a mask right now I think in four, six, eight weeks we could bring this epidemic under control."
- Both the CDC and the World Health Organization now recommend that people wear masks as a way to slow the spread of the virus.
- Scientists say the virus can spread through respiratory droplets that pass when an infected person coughs or sneezes.
- Not all states in the U.S. have issued mask mandates, and some with surging outbreaks, including Florida, have left it up to local cities and counties.
  https://www.aljazeera.com/news/2020/07/bolsonaro-backs-unproven-drug-coronavirus-battle-live-updates-200716001526677.html

Peru president reshuffles cabinet as COVID-19 takes its toll

- Peruvian President Martin Vizcarra has reshuffled his cabinet as the country desperately tries to get on top of its worsening coronavirus crisis.
- The number of deaths is rapidly rising, and it is hitting disadvantaged Peruvians the hardest
- Martin Vizcarra named a new health minister as part of the reshuffle, the second replacement since the coronavirus pandemic began.
  https://www.aljazeera.com/news/2020/07/peru-president-reshuffles-cabinet-covid-19-takes-toll-200716105711626.html

Netanyahu faces pushback on money-for-all coronavirus plan

- Israel's Prime Minister Benjamin Netanyahu has gotten a lukewarm reception from his main coalition partner and the head of the central bank to a plan to grant money to all Israelis to revive the economy during the coronavirus crisis.
- Netanyahu announced the 6 billion shekel ($1.75bn) package on Wednesday amid public anger and protests over his handling of the pandemic
- In a televised news conference, the right-wing prime minister lashed out at violent tactics used by some protesters and said his decision was not connected with the unrest.
- Under the plan, which requires cabinet approval, individuals and households without children will receive one-time payments of just 750 shekels ($218), while families will receive roughly $600 to $900, depending on the number of children they have.
- "This money encourages consumption, and it encourages employment," Netanyahu said.
- Bank of Israel Governor Amir Yaron and Foreign Minister Gabi Ashkenazi, wants the money should instead be targeted at the poorest citizens. And supported a previous 100 billion shekel ($29bn) stimulus package
- Professionals in the Ministry of Finance also opposed the proposal because it does not differentiate between the struggling and the well-off,.
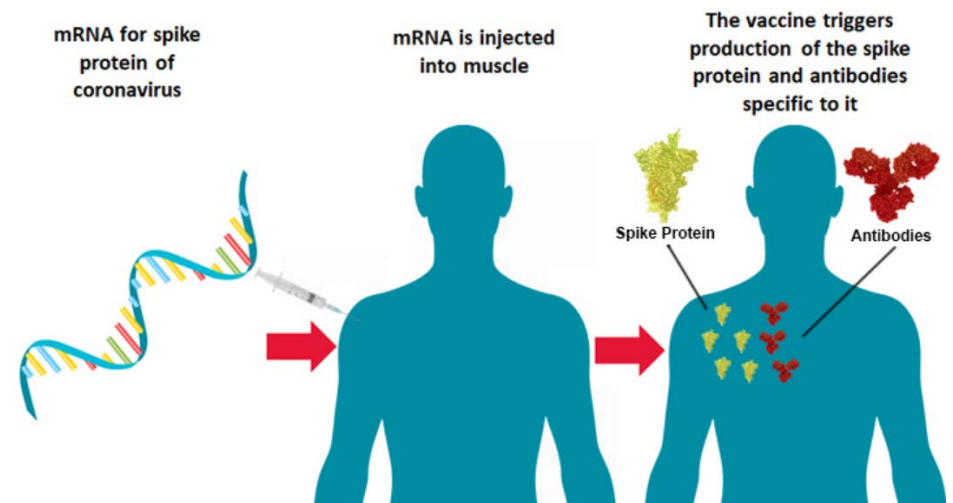 https://www.aljazeera.com/ajimpact/netanyahu-faces-pushback-money-coronavirus-plan-200716093036710.html

We were shouted at for wearing masks. This is why the situation in the US is so dire

- We had just arrived to interview a very small group protesting about the Texan governor's decision to make the wearing of masks mandatory to halt the spread of coronavirus.
- As others nodded in agreement, protester Oralia Acosta called us "stupid" for wearing facial coverings.
- She said we were "pushing the fake news agenda", consequently perpetuating the "feeling of terror" about a disease which they believe is an exaggerated hoax - a view already espoused by Donald Trump.
- "Why are you wearing a mask in this heat?" she shouted. "When you pass out, don't ask me for help cos I'm not going to help you.
  https://news.sky.com/story/masks-push-the-fake-news-agenda-this-is-why-us-covid-predictions-are-so-dire-12021635

Researchers Publish Encouraging Early Data on COVID-19 Vaccine

- People all around the globe are anxiously awaiting development of a safe, effective vaccine to protect against the deadly threat of coronavirus disease 2019 (COVID-19). Evidence is growing that biomedical research is on track to provide such help, and to do so in record time.
- Just two days ago, in a paper in the New England Journal of Medicine [1], researchers presented encouraging results from the vaccine that's furthest along in U.S. human testing: an innovative approach from NIH's Vaccine Research Center (VRC), in partnership with Moderna Inc., Cambridge, MA [1]. The centerpiece of this vaccine is a small, non-infectious snippet of messenger RNA (mRNA). Injecting this mRNA into muscle will spur a person's own body to make a key viral protein, which, in turn, will encourage the production of protective antibodies against SARS-CoV-2—the novel coronavirus that causes COVID-19.

- While it generally takes five to 10 years to develop a vaccine against a new infectious agent, we simply don't have that time with a pandemic as devastating as COVID-19. Upon learning of the COVID-19 outbreak in China early this year, and seeing the genome sequence of SARS-CoV-2 appear on the internet, researchers with NIH's National Institute of Allergy and Infectious Diseases (NIAID) carefully studied the viral instructions, focusing on the portion that codes for a spike protein that the virus uses to bind to and infect human cells
- Because of their experience with the original SARS virus back in the 2000s, they thought a similar approach to vaccine development would work and modified an existing design to reflect the different sequence of the SARS-CoV-2 spike protein. Literally within days, they had created a vaccine in the lab. They then went on to work with Moderna, a biotech firm that's produced personalized cancer vaccines. All told, it took just 66 days from the time the genome sequence was made available in January to the start of the first-in-human study described in the new peer-reviewed paper.
  https://directorsblog.nih.gov/2020/07/16/researchers-publish-encouraging-early-data-on-covid-19-vaccine/

Oxford vaccine could provide 'double protection' – report
https://news.sky.com/story/coronavirus-oxford-vaccine-could-provide-double-protection-report-12029406

Russian cyber spies attempting to steal vaccine research from Britain, US and Canada

- The attack is ongoing, with British cyber experts working to defend research institutes, laboratories and other targets in the UK, according to a branch of the spy agency GCHQ.
- Organizations in other countries involved in the fight against COVID-19 are also allegedly being targeted.
- It came as:
  - The government, in a separate development, revealed it had found Russian groups sought to interfere in last year's general election through the promotion of leaked documents on a potential US-UK trade deal;
  - Members of parliament's Intelligence and Security Committee agreed to publish a long-awaited report into alleged Russian interference in UK politics within the next week.
- The National Cyber Security Centre (NCSC) accused a group called APT29 - also known as "the Dukes" or "Cozy Bear" - for the attacks on coronavirus research facilities and said it "almost certainly operates as part of Russian intelligence services".
- APT stands for advanced persistent threats.
- The NCSC, which has taken the lead on the Russian attribution, said this assessment is supported by its US and Canadian counterparts.
  https://news.sky.com/story/coronavirus-russian-cyber-spies-attempting-to-steal-vaccine-research-from-britain-us-and-canada-12029697

Fauci Says Public Should Avoid 'Political Nonsense,' Trust 'Medical Authorities' on Pandemic

- The nation's top infectious disease expert has advice for America's next generation of college graduates: Listen to the health experts when it comes to a pandemic, not politicians.
- "You can trust respected medical authorities. I believe I'm one of them. So, I think you can trust me," Dr. Anthony Fauci said. "I would stick with respected medical authorities who have a track record of telling the truth, who have a track record of giving information and policy and recommendations based on scientific evidence and good data."
- Indirectly rebuking President Donald Trump's repeated—and inaccurate—claims that the United States' surge in coronavirus infections was at the hands of increased testing, Dr. Fauci told Georgetown University students during an online forum that it was "entirely understandable how the public can get mixed messages and then get a bit confused about what they should do."
- Dr. Fauci's comments came just one day after he returned to the White House, ending a more than two-month streak without personally speaking with the commander in chief, to address the public in his official capacity as a coronavirus task force member. His return to the White House came in the immediate wake of officials from Trump's press team trying to anonymously—and publicly—smear the civil public servant by distributing a list of previous advice given by Dr. Fauci that has since been found to be incorrect thanks to new information unearthed about coronavirus.
- The talking points were reminiscent of opposition research typically conducted by political campaigns against their opponents. But White House press secretary Kayleigh McEnany denied the notion they were attempting to sideline Dr. Fauci, who has a history of contradicting the president's misleading and false claims about health matters since the onset of the global crisis.
  https://www.newsweek.com/fauci-says-public-should-avoid-political-nonsense-trust-medical-authorities-pandemic-1517803?fbclid=IwAR3aXNQs2Imf4OlyY0Iw8mOH-8H3dBH0_YBSuRlc5kcR_IYlBTmuV5o43a8

Florida hospitals face ICU bed shortage as state passes 300,000 COVID-19 cases

- Florida was running out of ICU beds at numerous hospitals Wednesday as COVID-19 cases continued to pile up by the tens of thousands. More than 77,000 cases were logged just in the last seven days, according to the Florida Department of Health.
- Tuesday was the second deadliest day of the pandemic in Florida, with 133 fatalities — the most since July 1 when 145 were recorded, the new figures show.
- Finding a bed for all those sick people became increasingly harder with the Agency for Health Care Administration reporting that 54 hospitals in the state now have zero available beds in their intensive care units and another 40 hospitals have less than 10 percent bed availability in their ICUs.
- Ten of the hospitals where no ICU beds are left are in Miami-Dade, the most populous county in Florida and coronavirus hotspot.
  https://www.nbcnews.com/news/us-news/florida-hospitals-face-icu-bed-shortage-state-passes-300-000-n1233899?fbclid=IwAR2rBNUpiT8nZeTrBR4nINdd0j8bztYf-efZyuZsHuY32mlEqOmU5LvFcHY

Coronavirus contract tracing: Woman infects 71 people in 60 seconds

- One asymptomatic carrier rode an elevator alone, then 71 people got COVID-19. She did everything right. She had no symptoms, but she self-quarantined anyway after travel. She stayed in her apartment. She ordered-in food. But she became patient zero in a 71-case cluster.
- Intensive contact tracing is not just helping head-off COVID-19's spread. It's revealing just how infectious the virus can be. A new study released by the CDC analyzed the impact a single traveler – with no symptoms – can have. It also reveals the pitfalls of high-density living.
- We know the coronavirus is mostly spread through droplets. We also know it can be carried through the air and lingers on surfaces.
- But COVID-19's most devastating weapon is unwitting asymptomatic carriers. It's a recurring story. An enthusiastic nightclubber single-handedly causing a fresh lockdown in Seoul.
- An energetic partygoer in California infected dozens of his family and friends. Now, evidence shows even careful, conscientious unknowing carriers can be the source of serious contagion.
  https://www.news.com.au/world/coronavirus/coronavirus-contract-tracing-woman-infects-71-people-in-60-seconds/news-story/1dc30aed0e1f33c9ca1a4bdeaba98920?fbclid=IwAR08SKuAWDjVI5fy9FMV0IN9R4afmrQNh_AwerICULpkRTT6m-n6BQ9uauM

Most CA schools 'shouldn't reopen' if COVID-19 trends continue, state superintendent says

- With many California school districts just three or four weeks away from fall instruction, many are opting for full-time online distance learning amid the coronavirus pandemic. That's the smart move for much of the state, said State Superintendent of Public Instruction Tony Thurmond in a virtual press conference Wednesday.
- "I think that if school opened tomorrow, most of our districts would open in distance learning," said Thurmond. "And that is a decision that I think is a good decision if conditions don't change right now."
- Thurmond called for "an abundance of caution" as many of California's 1,000 school districts finalize plans for the new school term.
- "In any place where there is uncertainty, we should proceed with caution. In many cases, that's going to be opening in distance learning," Thurmond said in a weekly media briefing held online.
- However, there is no one-size-fits-all template for reopening schools, and classroom learning can still happen in counties or districts where it can be done safely
  https://abc7.com/school-reopening-california-schools-reopen-santa-rosa/6318506/

Will Push to Reopen Threaten Aid?

- The Trump administration has stopped short of saying it wants to withhold funding from colleges and universities that do not reopen for the fall term, as President Trump and Education Secretary Betsy DeVos have threatened with K-12 schools.
- But some higher education lobbyists are concerned the administration's push to get students back into classrooms could make it harder to get funding in Congress's next coronavirus aid package to help colleges deal with the financial hit they're taking from the pandemic.
- When the Senate returns next week from its July 4 break, Congress will begin racing to reach a deal on the next aid package in three weeks before leaving again until after Labor Day.
- Lobbyists are concerned that the focus will be on limiting aid for colleges only to help them reopen, which would be a blow to institutions that are dealing with lost revenues and additional costs, as well as significant cuts in state funding in many states.
  https://www.insidehighered.com/news/2020/07/16/uncertainty-over-aid-higher-education-possible-next-coronavirus-relief-bill

Riverside County Reviewing Coronavirus Testing Protocols

- An increasing coronavirus death toll and case count were reported Wednesday in Riverside County as local health officials review the state's new COVID-19 testing guidelines that scale back screenings among certain groups.
- Riverside County has been calling on all residents to get tested for COVID-19, whether they show symptoms or not. On Tuesday, however, the state announced new COVID-19 testing guidelines that give priority to vulnerable patients and those with symptoms.
- In response to the new California Department of Public Health guidelines, Riverside County is reviewing its testing protocols and "revising accordingly," said Riverside County spokesperson Brooke Federico.
- The state's new guidance divides testing into four priority "tiers." The Tier One top priority group includes patients hospitalized with COVID-19 symptoms and people linked to known outbreaks.
- Tier Two, or those next in line for testing, includes people with COVID-19 symptoms, as well as asymptomatic individuals who live in congregate settings like skilled nursing facilities, prisons and homeless shelters. Health care workers, first responders, and hospital patients also fall into Tier Two.
- Moving down the priority scale is Tier Three, which includes workers in retail, manufacturing, food services, agriculture, public transportation and education.
- Everyone else falls into Tier Four, and testing will be available for this group only when "the state's testing turnaround time, as monitored by California Department of Public Health, is less than 48 hours," according to the new state guidelines.
  https://patch.com/california/lakeelsinore-wildomar/s/h6g2v/riverside-county-reviewing-coronavirus-testing-protocols?utm_term=article-slot-1&utm_source=newsletter-daily&utm_medium=email&utm_campaign=newsletter

One Good Thing

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

Information
PAHO Webinar:
CO-EXISTING with COVID-19: An Epidemiological Perspective – July 17, 2020
https://www.paho.org/en/events/paho-utt-webinar-co-existing-covid-19-epidemiological-perspective

Webinar: Creating Communities of Care in Times of Crisis - July 20, 2020
https://www.paho.org/en/events/webinar-creating-communities-care-times-crisis

WEBINAR: Surveillance for SARS-CoV-2 Using Wastewater A Leading-Edge Indicator

ORAU and The MITRE Corporation will host a webinar on the Surveillance for SARS-CoV-2 Using Wastewater on **July 21, 2020, 1:00 - 2:00 p.m. ET** Monitoring of wastewater for infectious pathogens is an established environmental surveillance technique being used successfully by the World Health Organization (WHO) to help eradicate polio. Early research indicates that SARS-CoV-2, the virus responsible for causing COVID-19, can be detected in the feces of infected individuals (including asymptomatic individuals).

This type of surveillance is particularly valuable in settings where groups of people are housed in congregate settings such as university campus dormitories, where recurrent universal diagnostic testing is cost-prohibitive, and where there is a need to protect vulnerable populations.

The presence of SARS-CoV-2 within the wastewater offers an opportunity to:
- Detect trends in disease burden within a population prior to changes in cases and deaths
- Identify the presence of the virus in an otherwise uninfected population
- Monitor the genetic evolution of the virus
- Estimate the prevalence of disease within a population at a given point in time

Register to attend the webinar at https://www.orau.org/impact/webinar.html.

On Wednesday, July 22nd from 2:00 to 3:00 p.m. (ET), I will be presenting the special REMI webinar, "Re-opening Schools & Universities: Examining the Economic Effects using IQ+™,"

evaluates the effects of decreased economic activity resulting from school closures and state shutdowns continuing into the fall semester.

This webinar will also serve as the official launch of our new REMI IQ+ model that we designed to forecast the future of a region through quarterly economic projections and scenario analyses.

With IQ+, users can assess the employment and tax revenue impacts associated with re-opening various educational institutions, as well as identify potential policy interventions to implement in order to mitigate the losses related to schools remaining closed in September.

Register https://register.gotowebinar.com/register/2918529779199087119

U.S. Data
Covid-19 Case Cluster (past 48 hours)

https://www.cdc.gov/covid-data-tracker/index.html
https://www.cdc.gov/covid-data-tracker/index.html#social-impact
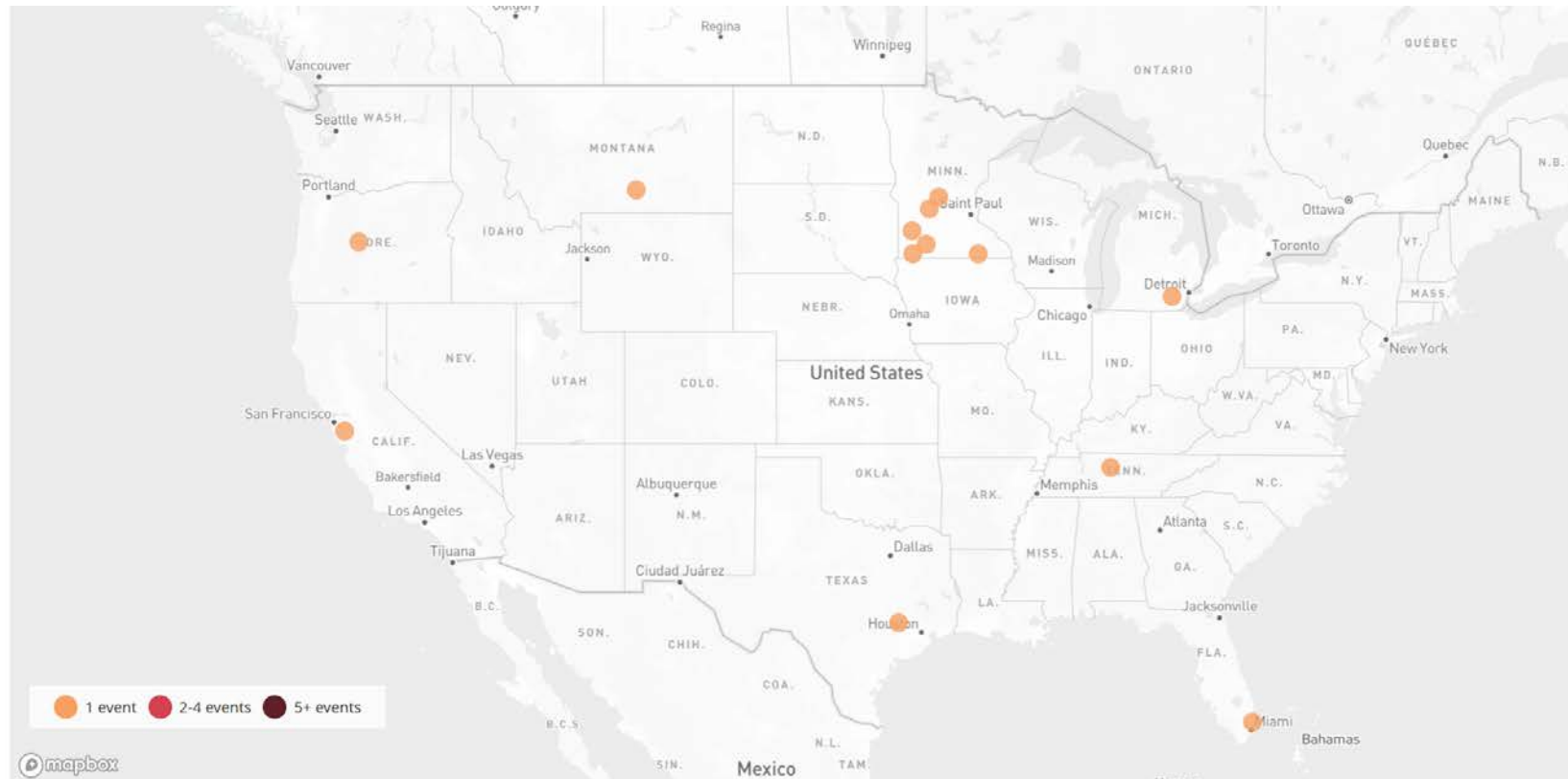
Some of the stories
Tesla has more than 130 employees who tested positive for coronavirus
At least 43 test positive for coronavirus after Michigan house party, 66 more exposed
13 TSA agents at BNA have tested positive for COVID-19

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

USA

45,429,824
TESTS REPORTED
CDC | Updated: Jul 15 2020 3:45PM
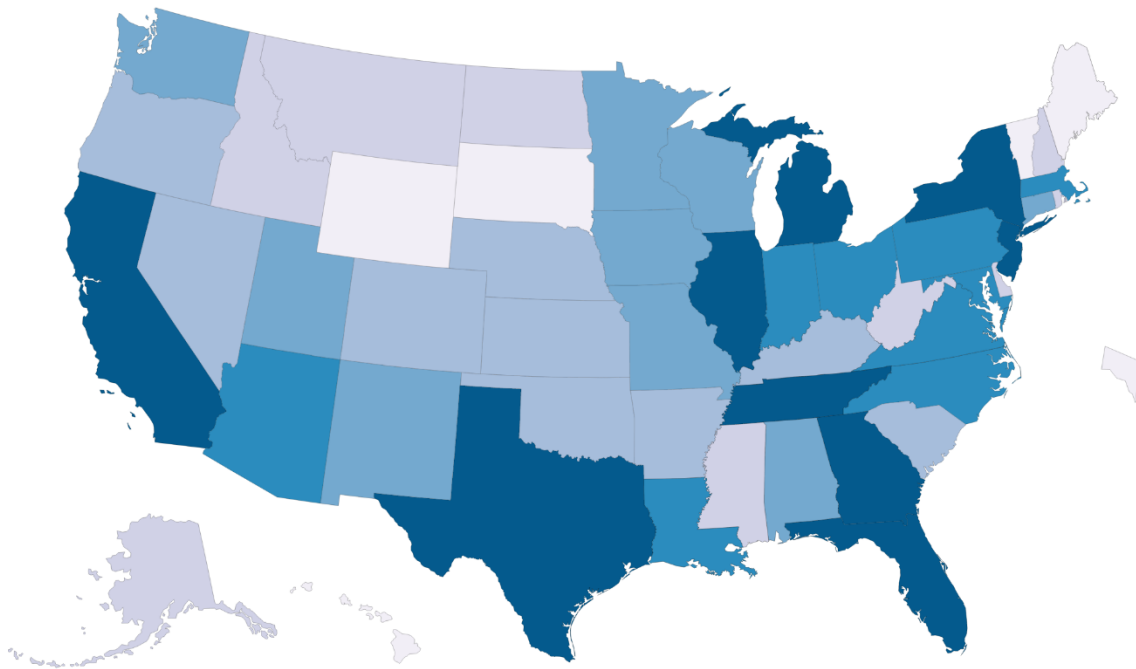
USA

4,146,543
POSITIVE TESTS
CDC | Updated: Jul 15 2020 3:45PM

USA

9%
OVERALL % POSITIVE
CDC | Updated: Jul 15 2020 3:45PM

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

State	# Tests Performed	% Positive
California	5,792,070	6-10%
New York	4,845,407	6-10%
Florida	3,721,590	11-20%
Texas	2,314,071	11-20%
Illinois	1,929,820	6-10%
Michigan	1,447,396	6-10%
Tennessee	1,437,732	6-10%
New Jersey	1,360,875	6-10%
Georgia	1,308,446	11-20%
Pennsylvania	1,286,929	6-10%
Massachusetts	1,235,765	11-20%
Ohio	1,038,509	6-10%
North Carolina	1,037,632	11-20%
Indiana	946,543	6-10%
Maryland	930,534	11-20%
Louisiana	928,552	11-20%
Arizona	880,814	11-20%
Virginia	858,076	11-20%
Wisconsin	849,090	0-5%
Washington	781,613	6-10%
Minnesota	745,168	6-10%
Missouri	703,138	0-5%
Alabama	675,900	11-20%
Utah	672,487	6-10%
Connecticut	585,475	6-10%
New Mexico	519,727	0-5%
Iowa	498,203	6-10%
South Carolina	496,010	11-20%
Oregon	453,799	0-5%
Nevada	441,316	6-10%
Colorado	413,676	6-10%
Kentucky	409,313	6-10%
Arkansas	398,815	6-10%
Nebraska	353,639	11-20%
Oklahoma	350,488	0-5%
Kansas	322,333	6-10%
Rhode Island	302,860	6-10%
Mississippi	247,484	0-5%
North Dakota	246,421	0-5%
West Virginia	208,557	0-5%
New Hampshire	189,423	6-10%
Idaho	180,356	6-10%
Alaska	160,598	0-5%
Delaware	149,153	6-10%
Montana	147,209	0-5%
District of Columbia	135,746	6-10%
Maine	134,278	0-5%
Hawaii	115,314	0-5%
Vermont	110,849	0-5%
South Dakota	84,090	0-5%
Wyoming	60,949	0-5%
Puerto Rico	33,314	0-5%
Guam	15,696	0-5%
Virgin Islands	6,674	0-5%

CDC | Updated: Jul 15 2020 3:45PM

Territories
GU   PR   VI

Cumulative Tests Performed
6,674 - 135,746 | 147,209 - 302,860 | 322,333 - 496,010 | 498,203 - 849,090 | 850,074 - 1,286,929 | 1,308,446 - 5,792,070

COVID-19 Update

FEMA

Situation: Upward trajectory in COVID-19 case count continues across 26 states, with 9 (+3) states in a plateau status. 30,248 (+19) Federal employees deployed / activated; 2,206 (-27) FEMA employees deployed.
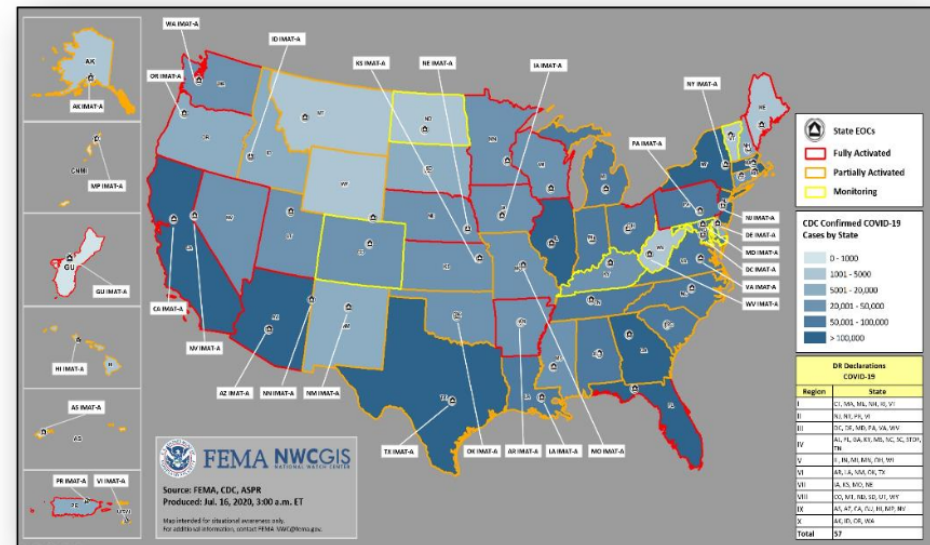
Nationwide Testing: 44,672,624 (+2,911,232) cumulative as of July 15.

COVID-19 positive cases continue to increase globally
(CDC COVID-19 Response Update as of July 15)
- Confirmed Cases of COVID-19
  - United States: 3,416,428 (+60,971)
  - Worldwide: 12,964,809 (+196,775)
- Deaths caused by COVID-19
  - United States: 135,991 (+773)
  - Worldwide: 570,288 (+5,634)

Response:
- NRCC at Level I
- Regions I, II, 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 15)

Prepared by Justin Czerniak
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State Data

https://covid19.ca.gov/
https://update.covid19.ca.gov/#top
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx#

Statewide industry guidance to reduce risk

https://covid19.ca.gov/industry-guidance/#top
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx

Open sectors in counties with variance

https://covid19.ca.gov/roadmap-counties/#track-data
https://covid19.ca.gov/roadmap-counties/

Data models

https://covid19.ca.gov/data-and-tools/

Take the State survey

https://www.surveymonkey.com/r/W56KTRS?source=covid

California Statistics

Total Population: **40,129,160**

111,495
New Cases (Last 14 Days)

277.8 Per 100K
347,634 Total Cases

1,137
New Deaths (Last 14 Days)
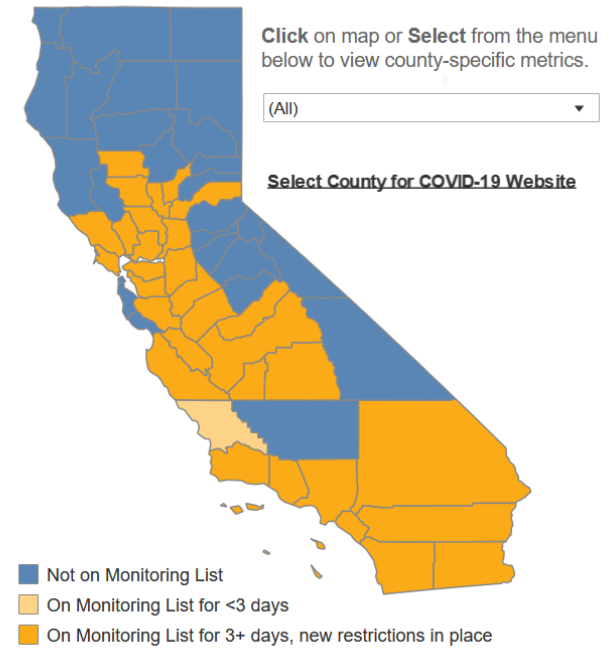
2.8 Per 100K
7,227 Total Deaths

1,539,100
Tests Reported (Last 14 Days)

7.2% Test Positivity
2.7 Daily per 1,000 Residents
5,793,276 Total Tests Reported

Click on map or Select from the menu below to view county-specific metrics.

(All)

Select County for COVID-19 Website

■ Not on Monitoring List
■ On Monitoring List for <3 days
■ On Monitoring List for 3+ days, new restrictions in place

Current R-effective in California

The effective reproduction number (R-effective) is the average number of people each infected person will pass the virus onto and represents the rate at which COVID-19 is spreading.

Latest Estimate of R-effective is:

1.12
Spread of COVID-19 likely increasing

What does a R-eff of this size mean?
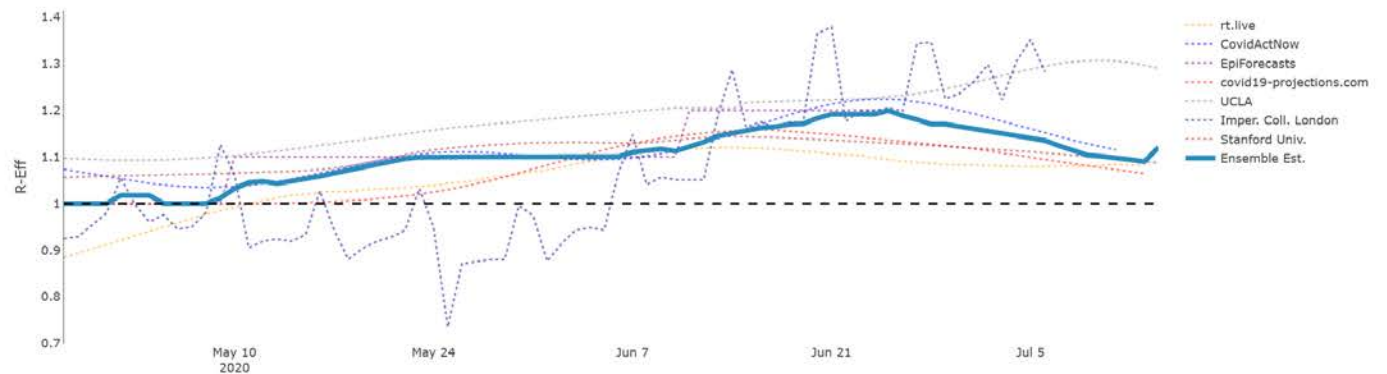
Low/High Estimates of R-effective:
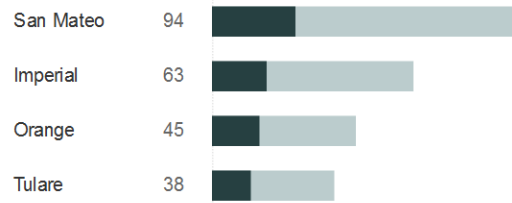
1.09 - 1.29
Stanford - UCLA

⬇ Download R-eff Values

Statewide Estimates of R-effective

The effective reproductive number (R) is the average number of secondary infected persons resulting from a infected person. If R>1, the number of infected persons will increase. If R<1, the number of infected persons will decrease. At R=1, the number of infected persons remains constant.

rt.live
CovidActNow
EpiForecasts
covid19-projections.com
UCLA
Imper. Coll. London
Stanford Univ.
Ensemble Est.

Prepared by Justin Czerniak

justin.czerniak@norcocollege.edu

Beds Ready to Accept Patients & Patients in Beds by County

County	
San Mateo	94
Imperial	63
Orange	45
Tulare	38

Beds Ready to Accept Patients	Beds in Warm Status	Patients in Beds
240	1,929	70

Total Beds by Facility Type

Facility Type	
Hospital	94
Alternative Care Facility	83
Federal Medical Station	63

Number of Facilities Ready to Accept Patients: 4

● Size = Beds Ready to Accept Patients
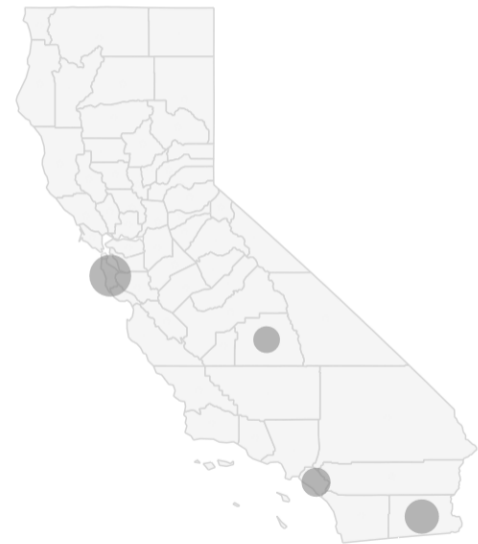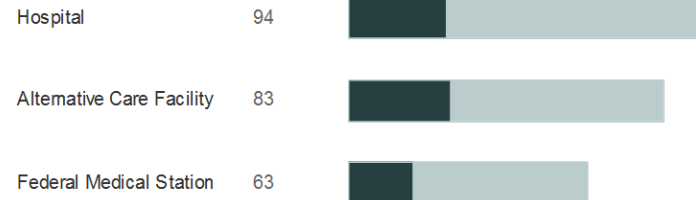
Last Updated on 7/13/2020

Riverside County Data

RUHS Public Health:

Federal medical team to assist at Eisenhower Health hospital in Rancho Mirage English / Spanish - July 14, 2020

Statewide Public Health Officer Order - July 13, 2020
More businesses required to move activities outdoors or close English / Spanish- July 13, 2020

Dr Kaiser Board Board of Supervisors report 7-14-2020
https://vimeo.com/438415615

RIVERSIDE COUNTY COVID-19 CASES
DATA SUMMARY

Jul 15, 2020

TOTAL CASES
27,371

NEW CASES
890

TOTAL DEATHS
577

NEW DEATHS
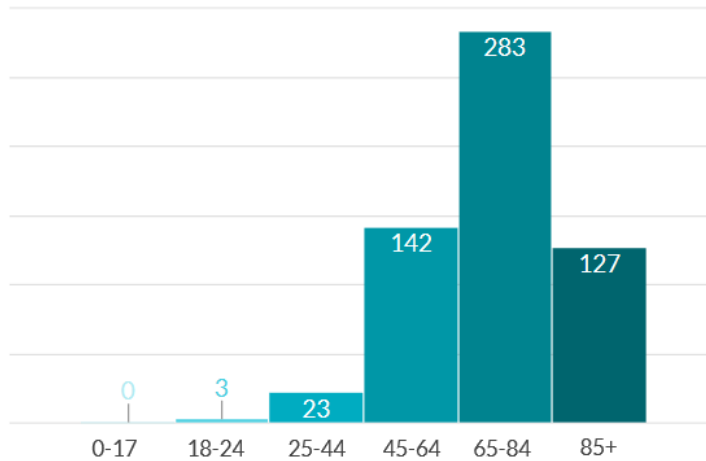24

TOTAL RECOVERED
10,113

CURRENT HOSPITALIZED
(includes ICU)
548

CURRENT ICU
141

DOUBLING TIME
24.0

COVID-19 Deaths by Age Group

Age Group	Deaths
0-17	0
18-24	3
25-44	23
45-64	142
65-84	283
85+	127

COVID-19 Deaths by Sex

Sex	Deaths
Female	246
Male	332
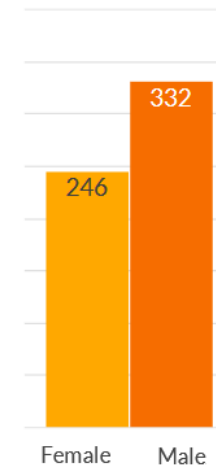
COVID-19 Deaths by Race/Ethnicity

Race/Ethnicity	Deaths
American Indian or Alaska Native	3
Asian	21
Black or African American	37
Hispanic/ Latinx	265
Multiple Race	7
Native Hawaiian / Pacific Islander	1
Unknown	49
White	195
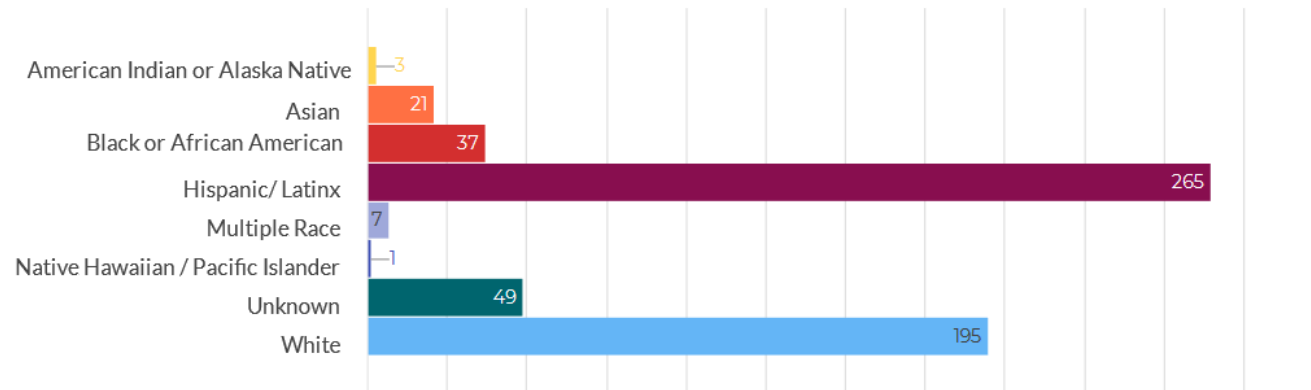
Date	American Indian or Alaska Native % Death	Asian % Death	Black or African American % Death	Hispanic/ Latinx % Death	Multiple Race % Death	Native Hawaiian/ Pacific Islander % Death	Unknown % Death	White % Death
Jul 15, 2020	0.52	3.64	6.45	45.93	1.21	0.17	8.49	33.8

Prepared by Justin Czerniak
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COVID-19 Cases by Age Group

Age Group	Cases
0-17	2,275
18-24	3,681
25-44	10,495
45-64	7,781
65-84	2,621
85+	485

COVID-19 Cases by Sex
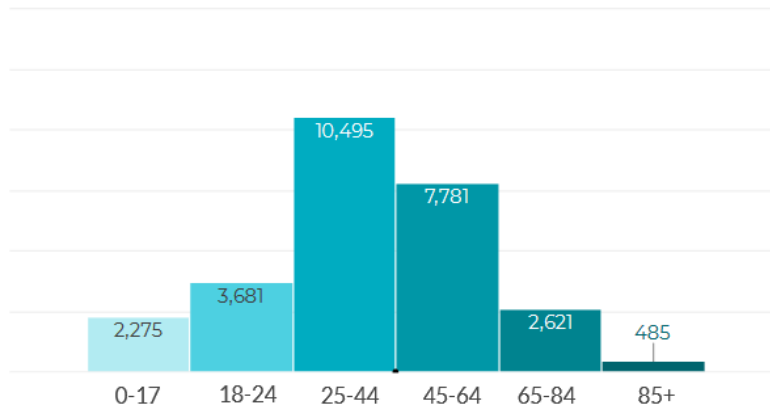
Sex	Cases
Female	13,615
Male	13,679
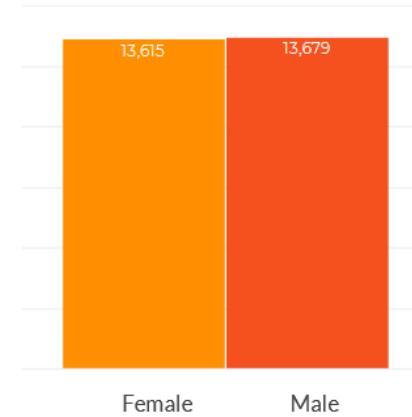
COVID-19 Cases by Race/Ethnicity

Race/Ethnicity	Cases
American Indian or Alaska Native	44
Asian	550
Black or African American	709
Hispanic/ Latinx	9,960
Multiple Race	96
Native Hawaiian / Pacific Islander	70
Unknown	12,786
White	3,157
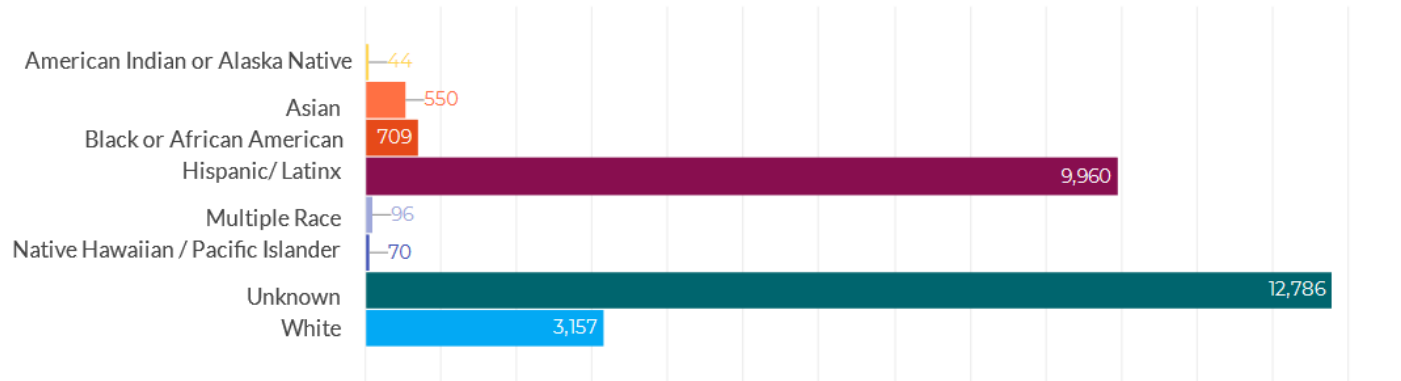
Date	American Indian or Alaska Native % Cases	Asian % Cases	Black or African American % Cases	Latinx % Cases	Multiple Race % Cases	Native Hawaiian/ Pacific Islander % Cases	Unknown % Cases	White % Cases
Jul 15, 2020	0.2	2	2.6	36.4	0.4	0.3	46.7	11.5

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

24.0

days

**Trajectory for July 20th:
29,809 projected cases (cumulative)**
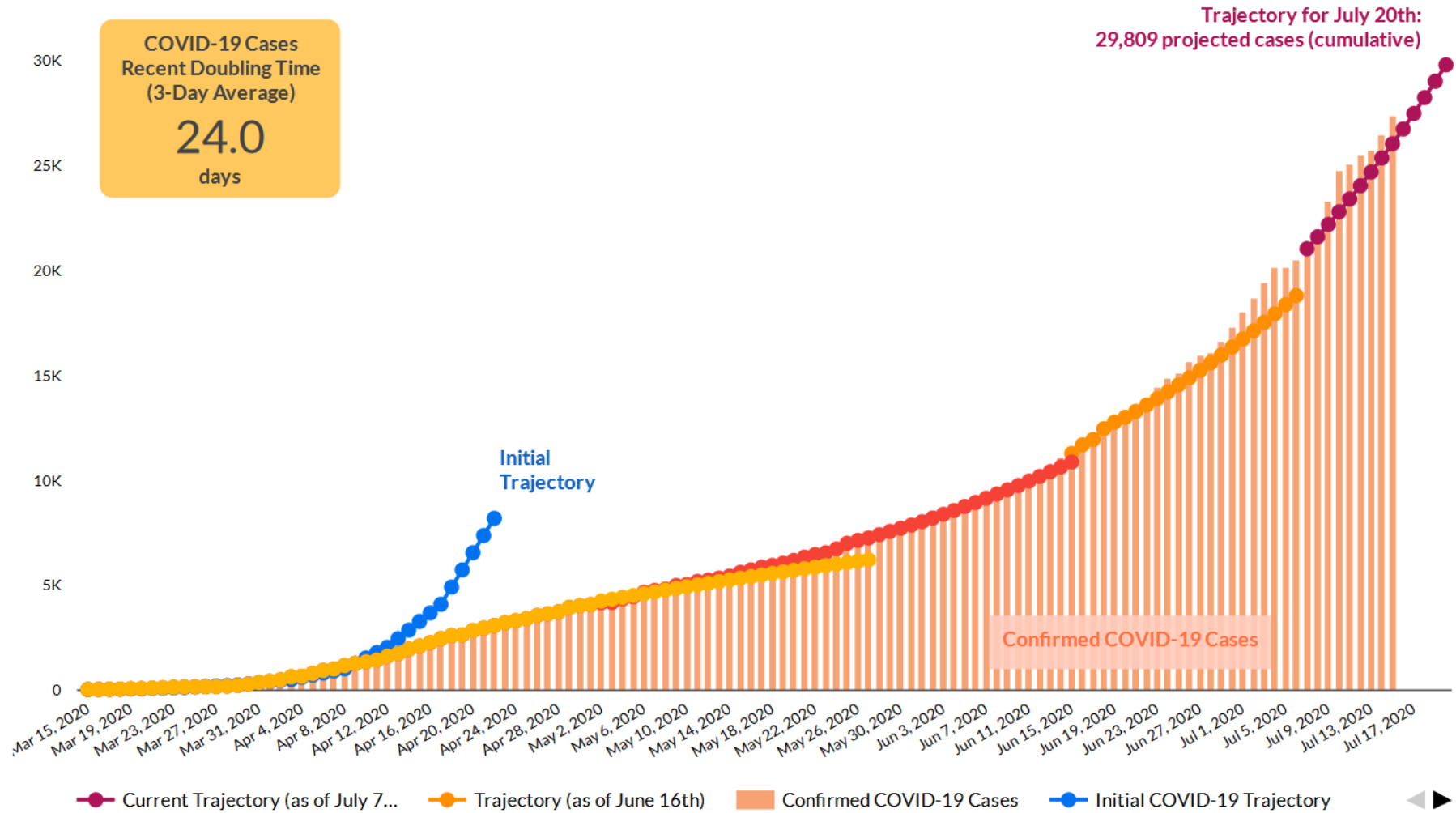
**Initial
Trajectory**

Confirmed COVID-19 Cases

30K

25K

20K

15K

10K

5K

0

Mar 15, 2020 · Mar 19, 2020 · Mar 23, 2020 · Mar 27, 2020 · Mar 31, 2020 · Apr 4, 2020 · Apr 8, 2020 · Apr 12, 2020 · Apr 16, 2020 · Apr 20, 2020 · Apr 24, 2020 · Apr 28, 2020 · May 2, 2020 · May 6, 2020 · May 10, 2020 · May 14, 2020 · May 18, 2020 · May 22, 2020 · May 26, 2020 · May 30, 2020 · Jun 3, 2020 · Jun 7, 2020 · Jun 11, 2020 · Jun 15, 2020 · Jun 19, 2020 · Jun 23, 2020 · Jun 27, 2020 · Jul 1, 2020 · Jul 5, 2020 · Jul 9, 2020 · Jul 13, 2020 · Jul 17, 2020

— Current Trajectory (as of July 7...   — Trajectory (as of June 16th)   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
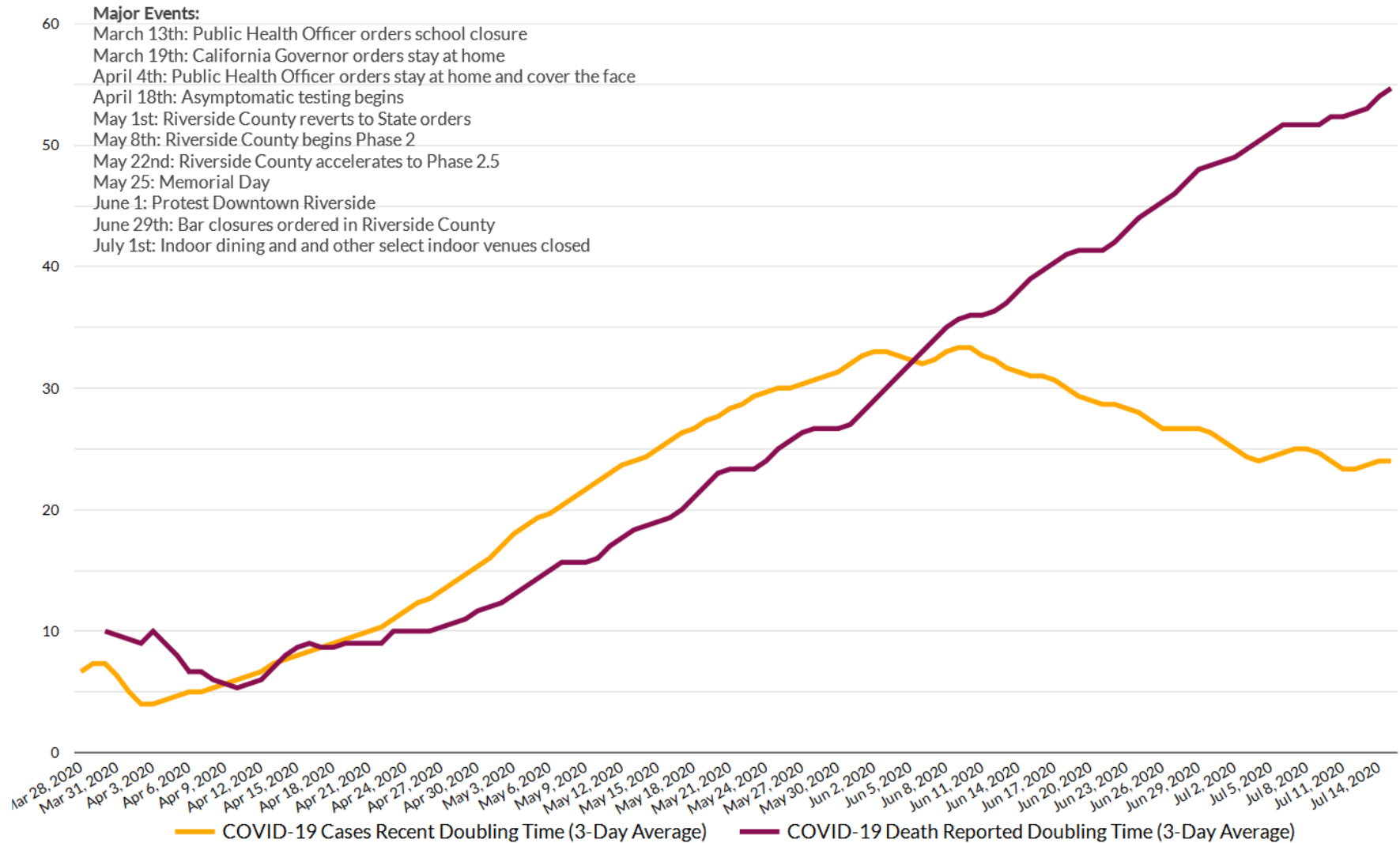April 18th: Asymptomatic testing begins

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

Major Events:
March 13th: Public Health Officer orders school closure
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COVID-19 Cases Recent Doubling Time (3-Day Average)   COVID-19 Death Reported Doubling Time (3-Day Average)

Based on case report date and death report date

Weather

COVID-19 Weather Support

Issued:

1030 AM July 15, 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 15 - July 22 (24-hr)	Orange	SW San Bernardino	All Deserts	Western Riverside	San Diego
Today	None	None	Warm Breezy	None	None
Thursday	None	None	Warm	None	None
Friday	None	None	Warm	None	None
Saturday	None	None	Warm	None	None
Sunday	None	Warm	Warm	Warm	None
Monday	None	None	Warm	None	None
Tuesday	None	None	None	None	None
Wednesday	None	None	None	None	None

Forecast Discussion

Slightly cooler than normal temperatures can be expected through Thursday. Breezy conditions are expected this afternoon in portions of the mountains and deserts. Friday through the weekend, temperatures will increase to a few degrees above normal in the inland valleys and the deserts. Mid next week there is a small possibility of isolated thunderstorms over the mountains.

Tropical Outlook

FEMA
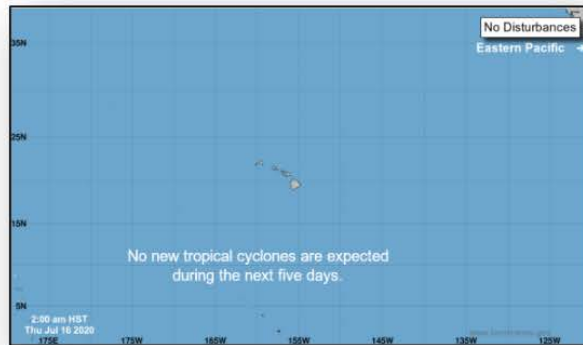
Central Pacific

Eastern Pacific

Atlantic

Disturbance 1 *(as of 8:00 a.m. ET)*
- Several hundred miles SW of the coast of southwestern Mexico
- Forecast to form in a few days
- Moving WNW or NW at 15-20 mph
- Some development possible over the weekend or early next week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)

Hazards Outlook – Jul 18-22