**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, September 8, 2020
As of 10:00 AM

COVID-19 by the Numbers

09/08/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	53,970	10,152	29,699	248,316	48,931	48,923	40,652	3,101	8,434	11,315	735,235	6,261,216	27,236,916
New Cases	190	1	54	744	205	123	308	18	30	61	3,091	34,337	203,897
Total Cases Per Capita	2,265	5,633	3,363	2,459	1,546	2,291	1,231	1,102	1,901	1,334	1,878	1,896	355
New Cases Per Capita	8	1	6	7	6	6	9	6	7	7	8	10	3
Recovered	45,990	9,987	13,360	Not Reported	43,597	43,581	35,833	2,654	8,040	9,976	353,161	3,759,134	19,655,792
Total Deaths	1,067	296	296	6,005	1,053	765	704	22	97	118	13,726	188,513	891,031
New Deaths	0	0	0	5	2	0	0	0	0	0	17	462	9,566
Deaths Per Capita	44.77	164.25	33.52	59.47	33.28	35.82	21.32	7.82	21.86	13.91	35.06	57.08	11.60
Presumptive active cases	6,913	-131	16,043		4,281	4,577	4,115	425	297	1,221	368,348	2,313,569	6,690,093
% of State's Cases	7.34%	1.38%	4.04%	33.77%	6.66%	6.65%	5.53%	0.42%	1.15%	1.54%	11.74%	22.99%	
Currently in Hospitals	230	31	92	1,314	302	267	266	10	51	85	4,285		
Total Hospital Beds	3,307	259	1,277	19,715	5,534	3,785	6,617	451	666	1,249	66,033		
Currently in ICU	59	10	25	312	75	89	80	4	17	28	1,120		
ICU Beds Available	94	6	56	929	242	151	307	22	63	51	2,647		
Case Fatality Rate	2.0%	2.9%	1.0%	2.4%	2.2%	1.6%	1.7%	0.7%	1.2%	1.0%	1.9%	3.0%	3.3%
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	330,249,194	7,679,405,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.22%	0.0815%	

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. CA Open Data Portal is at least 24 Hours behind although a backlog of new case reports at the State level has ostensibly been cleared, some County dashboards still contain notes that indicate data are missing. *California-Demographics.com made by Cubit – a demographic data provider & census.gov

Presumptive active cases - A calculation (Total Cases - Recovered - Dead) (LA County does not report recovery rates and Imperial County case data reporting is delayed to the state data source)

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Survey

Thank you all who have taken the survey. I have attached the Survey Results in the email today.

Highlights:

When asked how often do you read the COVID-19 Daily Situation Summary 77% say daily.

The section information results show that the US Data section was the most useful at 72.73%, followed by a tie between the News and Covid-19 by the numbers at 68.18% each.

So who is reading this report?

ANSWER CHOICES	RESPONSES	
Riverside Community College District (RCCD)	36.36%	8
Southern California Higher Education Emergency Managers (SCHEEM)	45.45%	10
County of Riverside	4.55%	1
Cal OES	9.09%	2
FEMA	9.09%	2
Infraguard	18.18%	4
Other (please specify)	18.18%	4
Total Respondents: 22		

#	OTHER (PLEASE SPECIFY)
1	U.S. Army Corps of Engineers
2	YWCA
3	Emergency Manager, San Bernardino Community College District
4	Counties of LA, Orange, Ventura, Fresno, & Clark County, NV.

Questions & Insights:

What ever became of that web dashboard?

  The Dashboard is still running but with minimal feedback it was put on hold.
  http://neptune.signage.me/WebService/SignagePlayerApp.html?eri=f7bee07a7e79c8f1d7951b4d24de4713c22f16&playerParams=157d9d758e0f050f9ab8a92fe9c8076689

Saving to use the data for an upcoming work project.

  Whoever wrote this if you need anything please let me know, you have a copy excel sheet with the state data

Improvement:

Some good feedback! Thank you all for your input.

Contact me:

Please reach out to me with question, clarification, and ideas. Have data you want to share please let me know.
I want to know if you find an error or I need to make a correction.

Justin Czerniak
justin.czerniak@norcocollege.edu

News

Woman arrested for surfing in northern Spain after testing positive for Covid-19

- A woman was arrested on Monday at Zurriola beach in San Sebastián, in Spain's Basque Country, after going surfing when she should have been in quarantine. After confirming that the woman had tested positive for Covid-19 and was meant to be at home, several officers – some in protective suits to avoid contagion – went down to the beach to take her out of the water. When the woman, a lifeguard at La Concha beach, refused to stop surfing and tried to flee from the officers, she was arrested for disobeying authorities and crimes against public health.
- "San Sebastián: A young woman with Covid-19 is surprised while surfing at a Zurriola beach and later tries to flee the Ertzaintza. The woman, a lifeguard at La Concha beach, was arrested for serious disobedience and crimes against public health."
- According to the security department of the Basque regional government, the officers were notified around noon that a woman, who had tested positive for the coronavirus, was surfing at a beach instead of observing her quarantine. Lifesavers approached the woman on a lifeboat and told her to go to the shore. The woman, however, ignored the orders and did not leave the water for another hour. When she finally got out, officers from the Basque regional police force, the Ertzaintza, arrested her for disobeying law enforcement officials. She will also be fined for breaking the quarantine.
  https://english.elpais.com/society/2020-09-08/woman-arrested-for-surfing-in-northern-spain-after-testing-positive-for-covid-19.html

9 Drugmakers Sign Safety Pledge In Rush To Develop Coronavirus Vaccine

- Nine drug companies pledged Tuesday that they will not submit vaccine candidates for FDA review until their safety and efficacy is shown in large clinical trials. The move is intended to bolster public confidence amid the rush to make a COVID-19 vaccine widely available, and counter fears of political pressure to have a vaccine before the November presidential election.
- The CEOs of AstraZeneca, Moderna and Pfizer are among those who signed the pledge to follow "high ethical standards and sound scientific principles." All three companies are conducting large studies of potential vaccines for the disease that has killed nearly 200,000 people in the U.S. and nearly 900,000 worldwide. The other biopharmaceutical companies are Johnson & Johnson, GlaxoSmithKline, Merck, Novavax, BioNTech and Sanofi.
- Pfizer CEO Albert Bourla, in an interview on the Today show, called the pledge historic.
  https://www.npr.org/sections/coronavirus-live-updates/2020/09/08/910671322/9-drugmakers-sign-safety-pledge-in-race-to-develop-covid-19-vaccine

Doctors studying why obesity may be tied to serious COVID-19

- Excess weight increases the chances of developing a number of health problems, including heart disease and diabetes. And those are among the conditions that can make COVID-19 patients more likely to get very sick.

- But there's some evidence that obesity itself can increase the likelihood of serious complications from a coronavirus infection. One study of more than 5,200 infected people, including 35% who were obese, found that the chances of hospitalization rose for people with higher BMIs, even when taking into account other conditions that could put them at risk.
https://apnews.com/160643fbce6ab88d4f6e91eda105bef7

West Virginia University suspends in-person undergrad classes amid spike in COVID-19 cases

- West Virginia University announced Monday that it would suspend in-person classes at its main campus because of concerns over a recent spike in coronavirus infections.
- The university said in-person undergraduate classes would be canceled Tuesday at its main campus in Morgantown and then shift to online-only instruction through Sept. 25. The school said graduate-level and professional courses would continue to be offered in person during the same period.
- In a statement, university officials said the decision was made "in direct response to a recent increase in positive cases in students on the Morgantown campus, as well as concern for the probability of increased cases following several reports of parties held this holiday weekend where groups should have been in quarantine."
https://www.nbcnews.com/news/us-news/west-virginia-university-suspends-person-undergrad-classes-amid-spike-covid-n1239481

'Reckless' And 'Reprehensible' Frat Party Linked To Coronavirus Outbreak At UNH: Here Are The Latest College Coronavirus Updates

- A number of institutions of higher learning are already dealing with dangerous and disruptive coronavirus outbreaks shortly after reopening for in-person classes.
- September 7:
  - According to the school's president, at least 11 cases of Covid-19 have been traced to a University of New Hampshire fraternity party where people did not follow public health guidelines. "This is reckless behavior and the kind of behavior that undermines our planning and will lead to us switching to a fully remote mode," UNH President James Dean said. "The August 29 party is reprehensible and will not be tolerated. As soon as we heard of this party at Theta Chi, we started an investigation with the Interfraternity Council."
- September 6:
  - According to the New York Times, Brazos County, Tex., home to Texas A&M University, recorded 742 new coronavirus cases during the last week of August, the county's worst week so far, as the university reported hundreds of new cases.
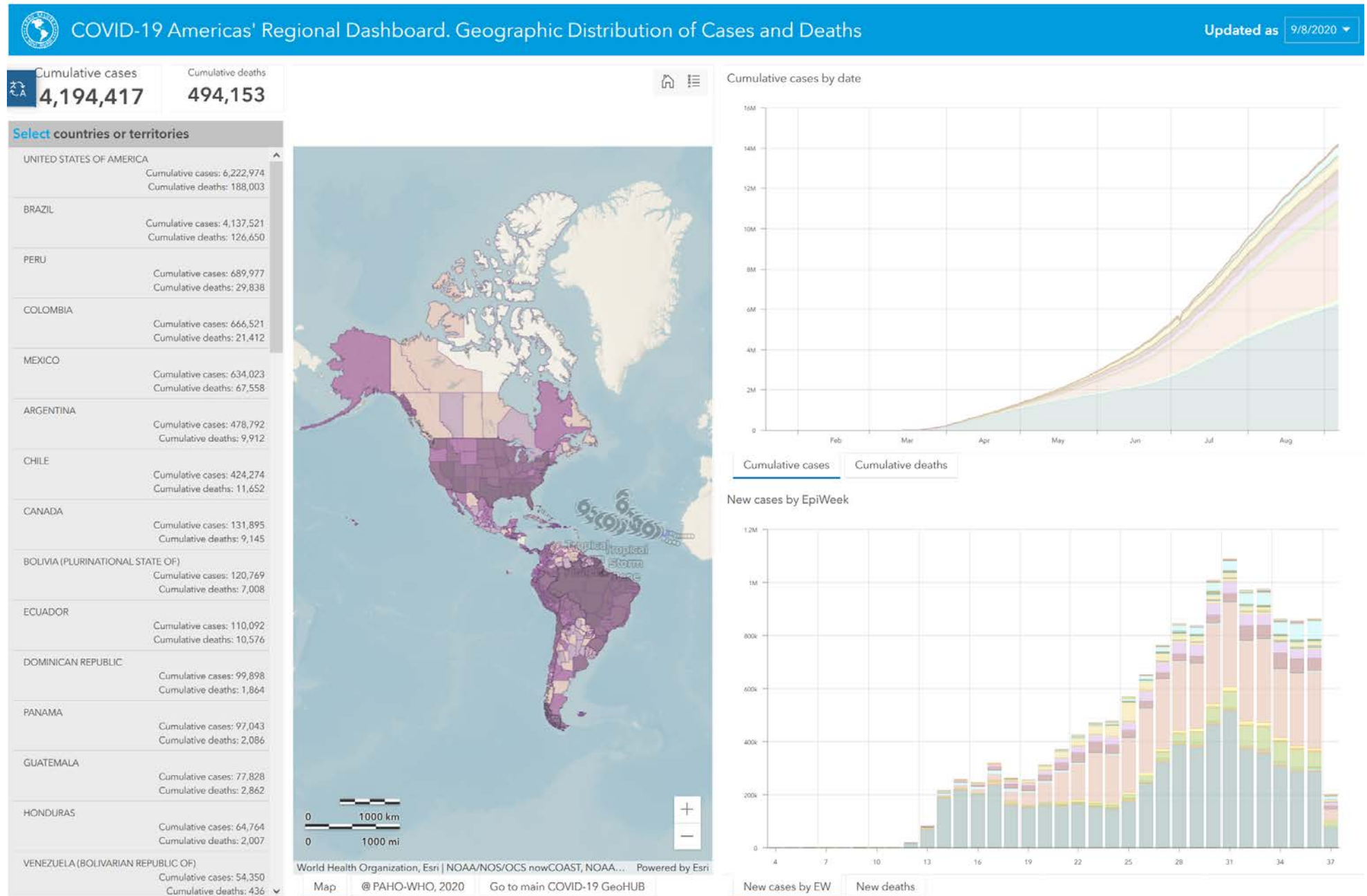 - East Carolina University has seen at least 846 infections involving students, faculty and staff since mid-August.
https://www.forbes.com/sites/tommybeer/2020/09/07/reckless-and-reprehensible-frat-party-linked-to-coronavirus-outbreak-at-unh-here-are-the-latest-college-coronavirus-updates/#2ec5996fb3a0

One Good Thing

- Stories about the kindness of strangers and individuals who sacrifice for others.
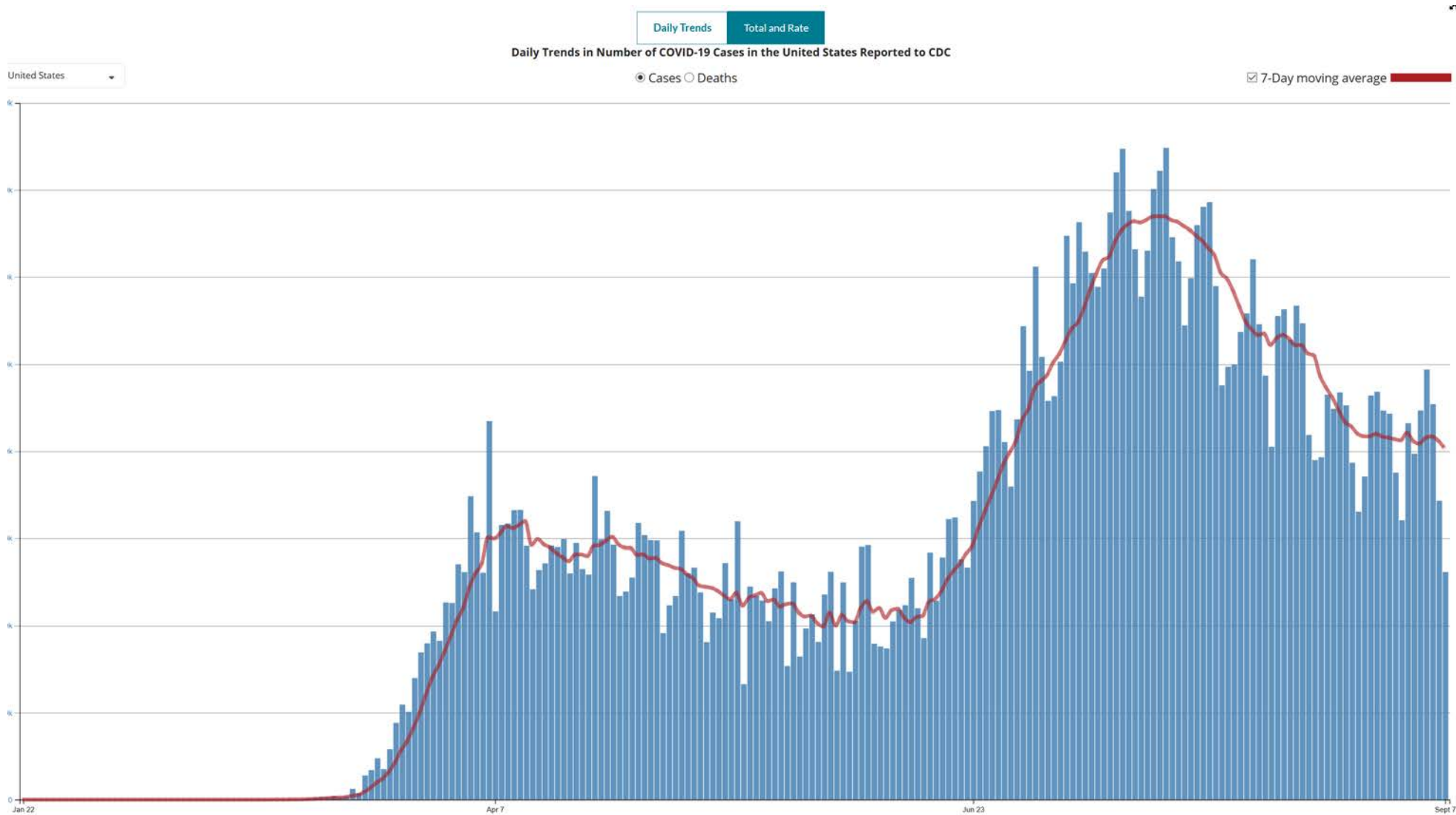https://apnews.com/OneGoodThing & https://www.goodnewsnetwork.org/

Global Data

U.S. Data

Daily Trends | **Total and Rate**

Daily Trends in Number of COVID-19 Cases in the United States Reported to CDC

United States ▼   ◉ Cases ○ Deaths   ☑ 7-Day moving average

United States COVID-19 Cases and Deaths by State

Reported to the CDC since January 21, 2020

USA

6,287,362

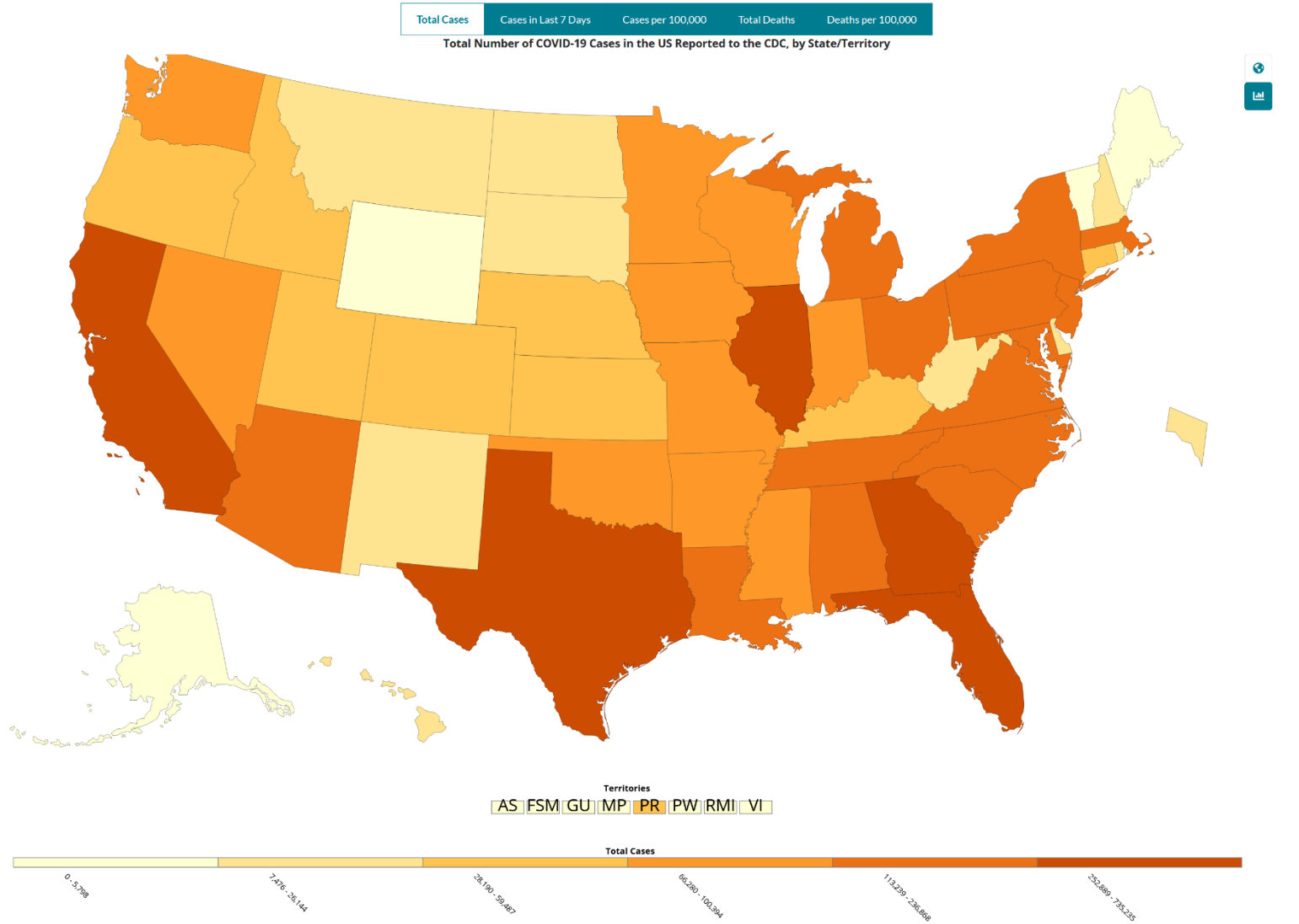**TOTAL CASES**

CDC | Updated: Sep 8 2020 12:17PM

USA

188,688

TOTAL DEATHS

CDC | Updated: Sep 8 2020 12:17PM

USA

282,919

Cases in Last 7 Days

CDC | Updated: Sep 8 2020 12:17PM

Total Cases by State/Territory ⬇ ⤢

State/Territory	Total Cases	Confirmed	Probable
California	735,235	N/A	N/A
Florida	640,978	N/A	N/A
Texas	640,370	N/A	N/A
Georgia	283,807	N/A	N/A
Illinois	252,889	250,961	1,928
New York City*	236,868	232,036	4,832
Arizona	205,964	204,157	1,807
New York*	203,809	N/A	N/A
New Jersey	194,390	N/A	N/A
North Carolina	177,919	N/A	N/A
Tennessee	165,109	160,708	4,401
Louisiana	154,073	N/A	N/A
Pennsylvania	139,863	135,862	4,001
Alabama	133,604	121,879	11,725
Massachusetts	130,942	121,046	9,896
Ohio	130,558	123,803	6,755
Virginia	128,407	122,711	5,696
South Carolina	125,607	123,552	2,055
Michigan	118,403	107,371	11,032
Maryland	113,239	N/A	N/A
Indiana	100,394	N/A	N/A
Missouri	94,340	N/A	N/A

CDC | Updated: Sep 8 2020 12:17PM

| Total Cases | Cases in Last 7 Days | Cases per 100,000 | Total Deaths | Deaths per 100,000 |

Total Number of COVID-19 Cases in the US Reported to the CDC, by State/Territory

Territories

AS FSM GU MP PR PW RMI VI

Total Cases

0 - 5,798 | 7,476 - 26,144 | 28,190 - 59,487 | 66,280 - 100,394 | 113,239 - 236,868 | 252,889 - 735,235

Prepared by Justin Czerniak

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https://covid.cdc.gov/covid-data-tracker/#social-impact

Social Impact
COVID-19 Events
in the United States

45 EVENTS
Past 48 hours

Map of news reports related to social impact
events resulting from the COVID-19 outbreak
in the United States, such as school closures,
localized outbreaks, state of emergency
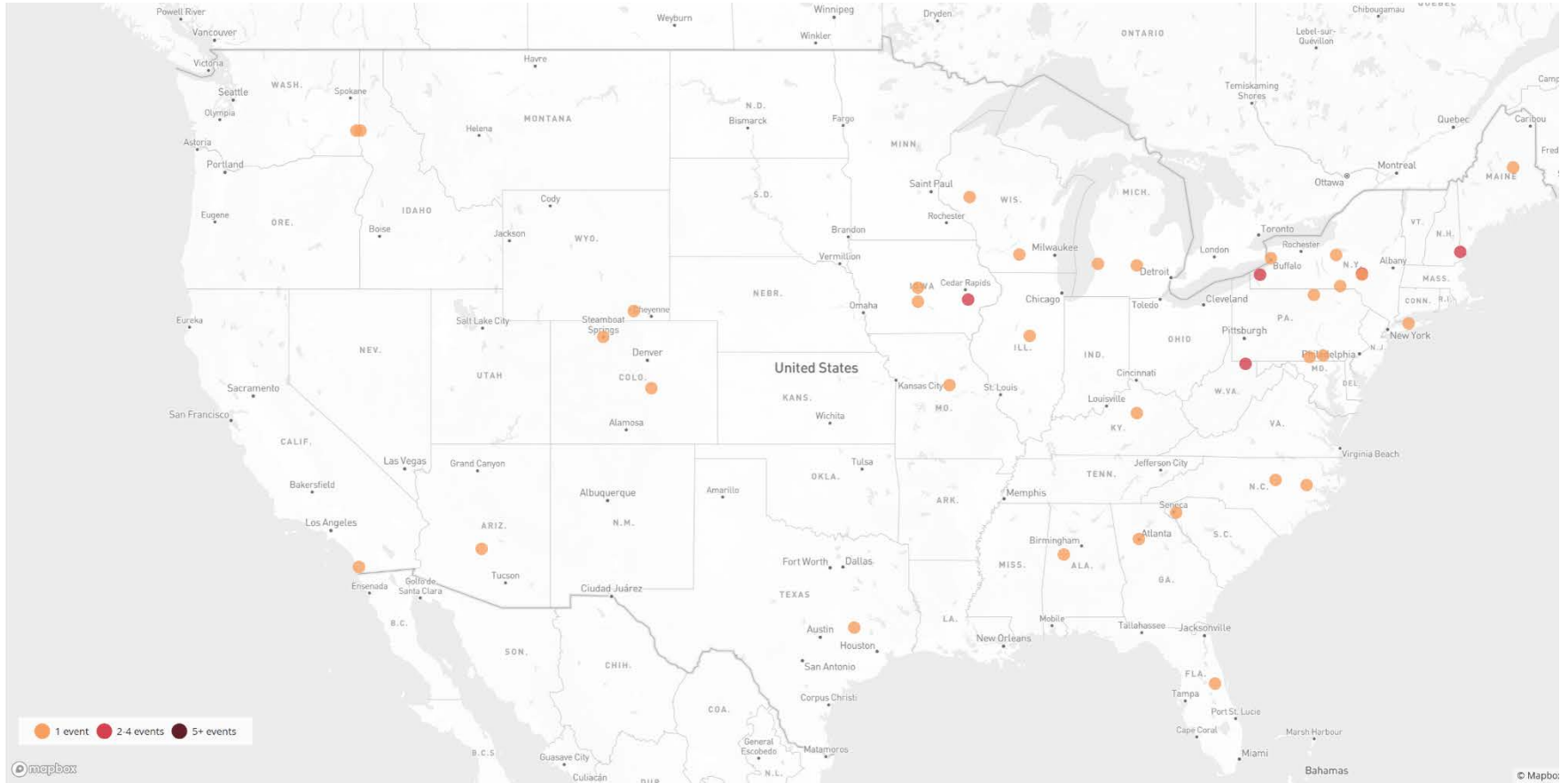declarations, etc.

DATE RANGE

Past 48 hours

TYPE OF EVENT (?)

COVID-19 Case Clusters

About this Map | Developed by HealthMap

● 1 event   ● 2-4 events   ● 5+ events

COVID-19 RESPONSE BY THE NUMBERS

As of September 3, 2020

Accessible: www.cdc.gov/coronavirus/2019-ncov/cdcresponse/by-the-numbers.html

6,785	CDC personnel supporting the outbreak response	
1,274	CDC deployers who have conducted 2,174 deployments to 198 cities across the United States and abroad	
684,000+	Arriving international passengers screened at US airports	
2,977	Documents providing information and guidance for government agencies, businesses, and the public	
88.2+ million	COVID-19 tests conducted by public and private laboratories in the United States	

31.6+ million	Times people have used CDC's online self-checking tool, Clara
456,000+	Calls and emails to CDC-INFO
1.7+ billion	Times people have looked for information on CDC websites
2.4+ billion	Social media impressions on 5,986 CDC response-related posts
32,000+	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC

cdc.gov/coronavirus

CS316565-A

CDC Guidance Documents

[Cleaning, Disinfection, and Hand Hygiene in Schools – a Toolkit for School Administrators](#)
Cleaning, Disinfection, and Hand Hygiene in Schools during COVID-19
Date: 9/6/20
Audience: [Schools](#)

[Considerations for Restaurants and Bars](#)
Learn how restaurants and bars can protect communities during COVID-19.
Date: 9/5/20
Audience: [Businesses](#)

[Interim Guidance for Rapid Antigen Testing for SARS-CoV-2](#)
Proper interpretation of antigen test results is important for accurate clinical management of patients with suspected COVID-19. This guidance can help healthcare providers make the most effective use of antigen tests in different situations.
Date: 9/3/20
Audience: [Health Departments](#), [Healthcare Professionals](#), [Laboratory](#)

[Standard Operating Procedure (SOP) for Triage of Suspected COVID-19 Patients in non-US Healthcare Settings: Early Identification and Prevention of Transmission during Triage](#)
This document is provided by CDC and is intended for use in non-US healthcare settings. This document is intended for healthcare facilities that are receiving or are preparing to receive patients with suspected or confirmed coronavirus disease 2019 (COVID-19).
Date: 9/1/20
Audience: [Healthcare Professionals](#)

[How to Make 0.1% Chlorine Solution to Disinfect Surfaces in Healthcare Settings](#)
Date: 8/31/20
Audience: [Healthcare Facilities](#), [Healthcare Professionals](#), [Public Health Professionals](#)

[Operating schools during COVID-19: CDC's Considerations](#)
Learn how schools can protect health during COVID-19.
Date: 8/31/20
Audience: [Schools](#)

[Contact Tracing for COVID-19](#)
This section provides steps and consideration that jurisdictions can use to develop a protocol for the tracing of close contacts.
Date: 8/30/20
Audience: [Public Health Professionals](#)

California Takes Action to Combat COVID-19

https://www.gov.ca.gov/california-takes-action-to-combat-covid-19/

State Data

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

New website and guidance "Safer Economy Blueprint"

https://covid19.ca.gov/safer-economy

Statewide industry guidance to reduce risk

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

Data models

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

Office of Governor
GAVIN NEWSOM

Press Releases, Executive Orders, Media Advisories, Proclamations, and "On the Record" Column
https://www.gov.ca.gov/newsroom/

California COVID-19 By The Numbers

September 7, 2020
Numbers as of September 6, 2020

CALIFORNIA COVID-19 SPREAD
735,235 (+3,091)
CASES

Ages of Confirmed Cases
- 0-17: 74,886
- 18-49: 441,336
- 50-64: 139,067
- 65+: 79,046
- Unknown/Missing: 900

Gender of Confirmed Cases
- Female: 371,456
- Male: 357,224
- Unknown/Missing: 6,555

13,726 (+17)
Fatalities

Hospitalizations

Confirmed COVID-19
3,308/1,120
Hospitalized/in ICU

Suspected COVID-19
977/124
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
Public Health

Latest Estimate of R-effective is:

0.89

Spread of COVID-19 is likely decreasing

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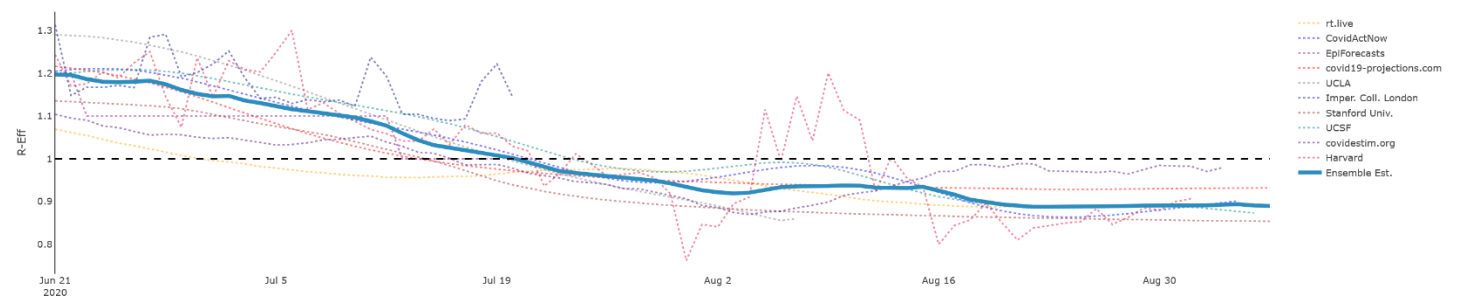
Low/High Estimates of R-effective:

0.85 - 0.93

Stanford - covid19-projections.com

⬇ 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.
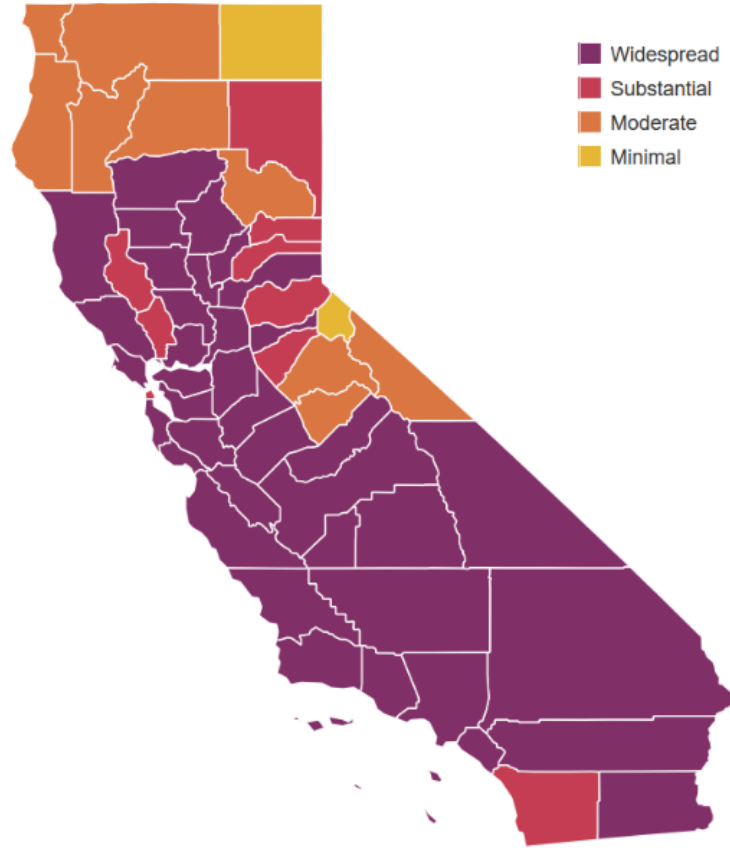

Legend:
- rt.live
- CovidActNow
- EpiForecasts
- covid19-projections.com
- UCLA
- Imper. Coll. London
- Stanford Univ.
- UCSF
- covidestim.org
- Harvard
- Ensemble Est.

Prepared by Justin Czerniak
justin.czerniak@norcocollege.edu

Statewide Metrics

10.9
New COVID-19 Positive cases per day per 100K

6.0%
Positivity Rate

Legend:
- Widespread
- Substantial
- Moderate
- Minimal

	Higher Risk ⟶ Lower Risk			
	of Community Disease Transmission			
	Widespread **Tier 1**	**Substantial** **Tier 2**	**Moderate** **Tier 3**	**Minimal** **Tier 4**
Measure*				
Adjusted Case Rate for Tier Assignment** (Rate per 100,000 excluding prison cases, 7 day average with 7 day lag)	>7	4-7	1-3.9	<1
Testing Positivity*** (Excluding prison cases, 7 day average with 7 day lag)	>8%	5-8%	2.4.9%	<2%

State Officials Announce Latest COVID-19 Facts

September 7, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 6, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 5, 2020 - The California Department of Public Health today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 4, 2020 - The California Department of Public Health today announced the most recent statistics on COVID-19.

Edgy Public Awareness Campaign Aims to Curb Labor Day Gatherings

September 4, 2020 - As Labor Day approaches, the California Department of Public Health (CDPH) is reminding Californians about a recently launched bilingual public awareness campaign on the dangers of spreading COVID-19 in social gatherings.

State Officials Announce Latest COVID-19 Facts

September 3, 2020 - The California Department of Public Health today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

September 2, 2020 - The California Department of Public Health today announced the most recent statistics on COVID-19.

Riverside County Data
https://www.rivcoph.org/coronavirus

RUHS Public Health News:

- Continue coronavirus safety measures during holiday weekend - September 3, 2020
- Cool centers open during heatwave, COVID testing sites to close for the weekend English / Spanish - September 3, 2020
- Riverside County reports first flu-related death of 2020-21 influenza season English / Spanish - September 2, 2020
- Riverside County Takes Action to Address Suicide, Celebrate Recovery - September 1, 2020
- Slow the spread through social media and creative arts challenges English / Spanish - September 1, 2020
- Health officials report first case of MIS-C in child from western Riverside County English / Spanish - September 1, 2020
- Adjusting Permitted Sector Activities - August 31, 2020
- Blueprint for a Safer Economy - August 31, 2020
- New state framework to provide path for Riverside County's businesses English / Spanish - August 28, 2020
- Health officials remind residents to take simple steps to protect themselves from COVID-19 English / Spanish - August 28, 2020
- Special teams reach 1,000 visits to nursing facilities and other group living sites - August 27, 2020
- Supervisors approve $4 million for Pathways to Employment program - August 25, 2020
- Mask giveaway Aug. 26 at MSJC Menifee Valley campus as part of 'Masks are Medicine'campaign - August 24, 2020
- Riverside County elementary schools can apply for waiver starting Monday to hold in-person classes English / Spanish - August 24, 2020
- TK-6 Elementary School Waiver Application - August 21, 2020
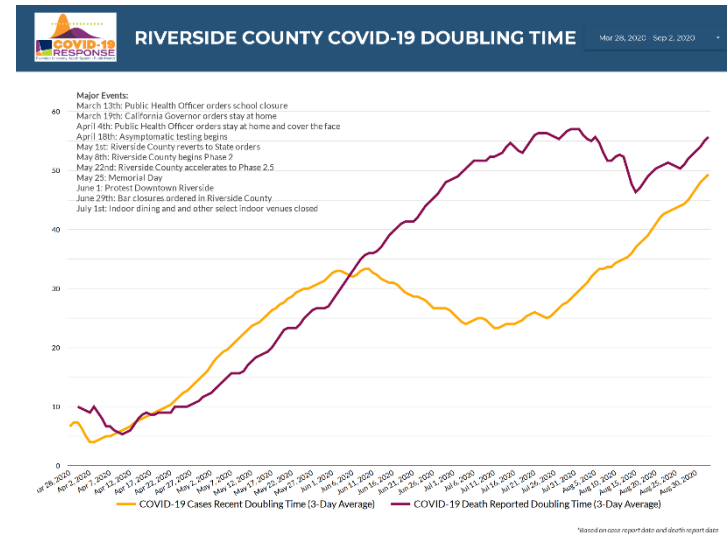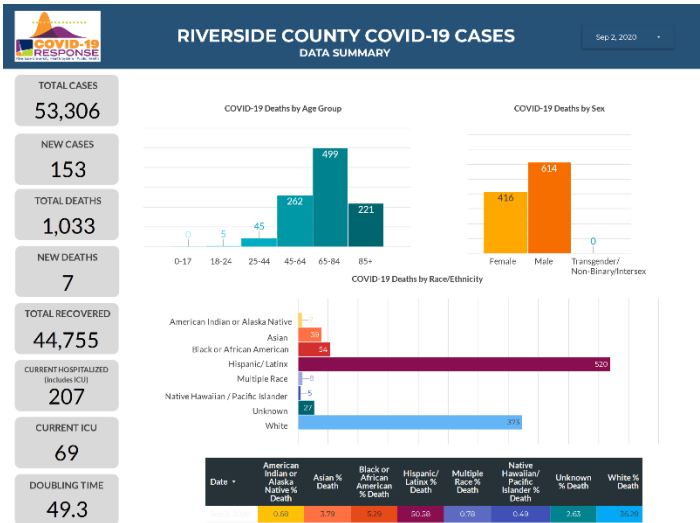
https://covid19.ca.gov/safer-economy/

Riverside

WIDESPREAD

Many non-essential indoor business operations are closed Understand the data.

Counties can restrict further. Check with your local health department to find out what restrictions apply.
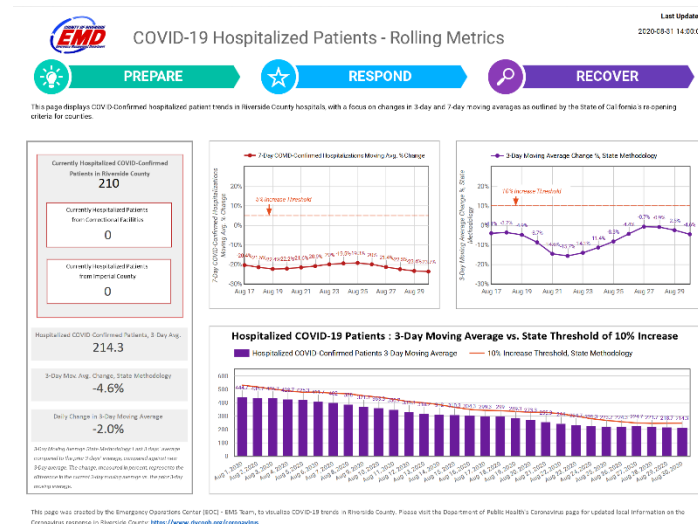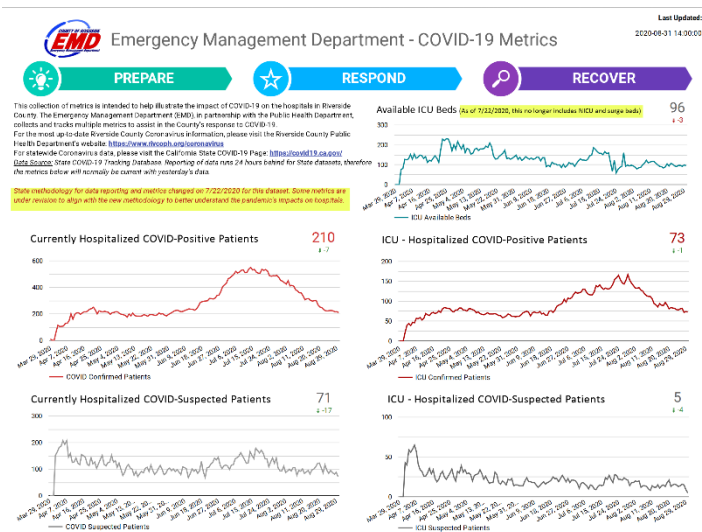
Daily Epidemiology Summary updated 09-04-2020

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/September/Dashboard/9.4.20%20Public%20Daily_COVID-19_Updates.pdf?ver=2020-09-04-135605-023&timestamp=1599253029020

Licensed Hospital/ICU Beds Utilization Trends 8-31-2020

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/August/Dashboard/EMD/EMD_COVID-19_Metrics_Public_Dashboard-%2008312020.pdf?ver=2020-08-31-161838-530&timestamp=1598915925825

Weather

National Weather Service
San Diego, California

Weather Threats Outlook

11 AM PDT Tuesday September 8, 2020

County	Zone	Tue 9/8	Wed 9/9	Thu 9/10	Fri 9/11	Sat 9/12	Sun 9/13	Mon 9/14
San Diego	Beach/Marine	None	None	None	None	None	None	None
	Coast	Warm	Warm	Warm	Warm	None	None	Warm
	Valleys	Hot Windy	Hot Windy	Very Warm Breezy	Very Warm	Very Warm	Very Warm	Very Warm
	Mountains	Very warm Windy	Warm Windy	Windy	Warm	Warm	Warm	Warm
	Deserts	Hot	Very Warm	Very Warm	Hot	Hot	Hot	Hot
Orange	Beach	None	Warm	Warm	None	None	None	None
	Coast	Warm	Warm	Warm	Warm	Warm	Warm	Warm
	Inland	Very Warm Windy	Very Warm Windy	Very Warm Breezy	Warm	Warm	Warm	Very Warm
	Mountains	Very warm Windy	Very warm Windy	Very Warm Breezy	Very Warm	Warm	Warm	Very Warm
Riverside	Inland Empire	Hot Windy	Hot Windy	Hot	Hot	Hot	Hot	Hot
	Mountains	Warm Windy	Windy	Breezy	Warm	Warm	Warm	Very Warm
	Desert	Hot	Very Warm	Very Warm	Hot	Hot	Hot	Hot
San Bernardino	Inland Empire	Hot Windy	Hot Windy	Hot	Hot	Hot	Hot	Hot
	Mountains	Very warm Windy	Windy	Breezy	Warm	Warm	Warm	Warm
	Desert	Windy	Breezy	Warm Breezy	Very Warm	Very Warm	Very Warm	Hot

Impact Threat Levels	None	Low	Medium	High	Extreme

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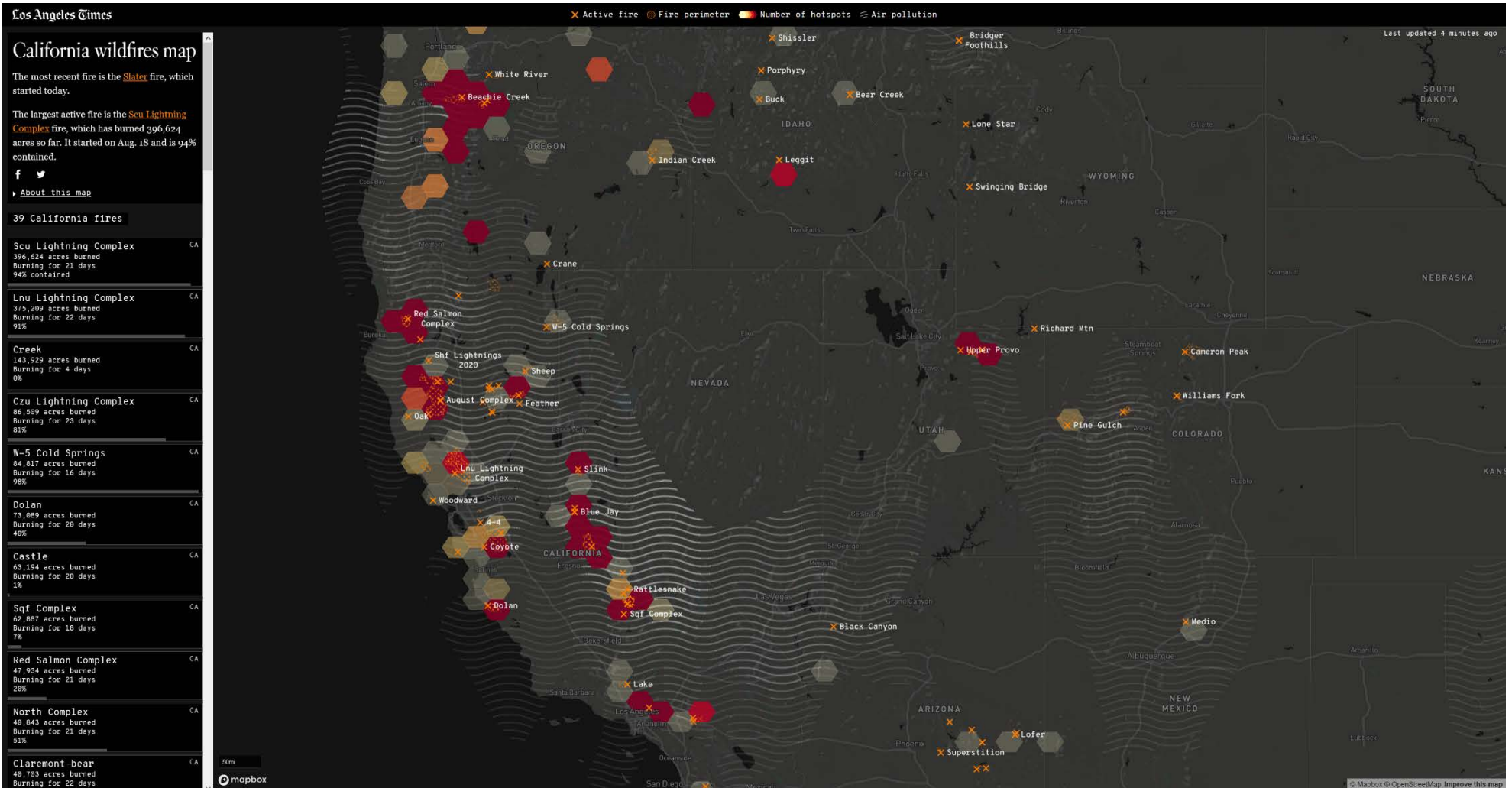
https://www.weather.gov/forecastpoints#

Wildfire

California's biggest fire season could get much worse as powerful winds return Tuesday
https://www.latimes.com/california/story/2020-09-08/powerful-winds-return-amid-californias-biggest-fire-season

46 people and four dogs arriving at the Fresno Yosemite International Airport after being rescued from Lake Edison by a Stockton-based Cal Guard CH-47 Chinook helicopter. More aircraft are still attempting to rescue others trapped by the #CreekFire
Video on Twitter: https://twitter.com/i/status/1303378832922091520

Creek Fire live updates: New evacuation orders in Prather area; 143,000 acres burned
Read more here: https://www.fresnobee.com/news/california/fires/article245559995.html

Creek Fire destroys homes in Big Creek, but some structures survived

https://www.latimes.com/wildfires-map/

Local Fires