

**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 Wednesday, September 9, 2020 As of 10:00 AM

COVID-19 by the Numbers

COVID-19 by tile	Hullibe	13											
9/9/2020	Riverside	Imperial	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	54,178	10,199	29,790	248,804	49,132	49,043	40,868	3,116	8,479	11,463	737,911	6,310,663	27,486,960
New Cases	208	47	91	488	201	120	216	15	45	148	2,676	23,301	218,149
Total Cases Per Capita	2,273	5,659	3,374	2,464	1,553	2,297	1,237	1,107	1,911	1,352	1,885	1,911	358
New Cases Per Capita	9	26	10	5	6	6	7	5	10	17	7	7	3
Recovered	<u>48,118</u>	<u>10,052</u>	<u>13,360</u>	<u>Not</u> <u>Reported</u>	<u>43,898</u>	<u>43,967</u>	<u>36,285</u>	<u>2,858</u>	<u>8,186</u>	<u>10,265</u>	<u>359,155</u>	<u>3,797,893</u>	<u>19,910,417</u>
Total Deaths	1,067	296	296	6,030	1,053	765	707	22	97	118	13,758	189,147	894,983
New Deaths	0	0	0	25	0	0	3	0	0	0	32	459	3,838
Deaths Per Capita	44.77	164.25	33.52	59.71	33.28	35.82	21.41	7.82	21.86	13.91	35.14	57.27	11.65
Presumptive active cases	4,993	-149	16,134		4,181	4,311	3,876	236	196	1,080	364,998	2,323,623	6,681,560
% of State's Cases	7.34%	1.38%	4.04%	33.72%	6.66%	6.65%	5.54%	0.42%	1.15%	1.55%	11.69%	22.96%	
Currently in Hospitals	243	30	97	1,350	289	266	283	12	43	79	4,297		
Total Hospital Beds	3,334	259	1,281	19,650	5,578	3,811	6,621	451	666	1,220	65,950		
Currently in ICU	60	10	26	308	70	85	79	4	13	27	1,080		
ICU Beds Available	91	6	51	954	222	162	309	21	64	50	2,678		
Case Fatality Rate	2.0%	2.9%	1.0%	2.4%	2.1%	1.6%	1.7%	0.7%	1.1%	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%	0.0822%	

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

News

State Da

US Data

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State Data

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Riverside County Data
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Weather

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Wildfire

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News

Genome Data Help to Track COVID-19 Superspreading Event

- When it comes to COVID-19, anyone, even without symptoms, can be a "superspreader" capable of unknowingly infecting a large number of people and causing a community outbreak. That's why it is so important right now to wear masks when out in public and avoid large gatherings, especially those held indoors, where a superspreader can readily infect others with SARS-CoV-2, the virus responsible for COVID-19.
- Driving home this point is a new NIH-funded study on the effects of just one superspreader event in the Boston area: an international biotech conference held in February, before the public health risks of COVID-19 had been fully realized [1]. Almost a hundred people were infected. But it didn't end there.
- In the study, the researchers sequenced close to 800 viral genomes, including cases from across the first wave of the epidemic in the Boston area. Using the fact that the viral genome changes in very subtle ways over time, they found that SARS-CoV-2 was actually introduced independently to the region more than 80 times, primarily from Europe and other parts of the United States. But the data also suggest that a single superspreading event at the biotech conference led to the infection of almost 20,000 people in the area, not to mention additional COVID-19 cases in other states and around the world.

 https://directorsblog.nih.gov/2020/09/08/genome-data-help-to-track-superspreading-event-in-boston/

Citizen Scientists Take on the Challenge of Long-Haul COVID-19

- Coronaviruses are a frequent cause of the common cold. Most of us bounce back from colds without any lasting health effects. So, you might think that individuals who survive other infectious diseases caused by coronaviruses—including COVID-19—would also return to normal relatively quickly. While that can be the case for some people, others who've survived even relatively mild COVID-19 are experiencing health challenges that may last for weeks or even months. In fact, the situation is so common, that some of these folks have banded together and given their condition a name: the COVID "long-haulers."
- Among the many longer-term health problems that have been associated with COVID-19 are shortness of breath, fatigue, cognitive issues, erratic heartbeat, gastrointestinal issues, low-grade fever, intolerance to physical or mental activity, and muscle and joint pains. COVID-19 survivors report that these symptoms flair up unpredictably, often in different combinations, and can be debilitating for days and weeks at a time. Because COVID-19 is such a new disease, little is known about what causes the persistence of symptoms, what is impeding full recovery, or how to help the long-haulers.

NIH continues to boost national COVID-19 testing capacity

- The National Institutes of Health today announced \$129.3 million in scale-up and manufacturing support for a new set of COVID-19 testing technologies as part of its Rapid Acceleration of Diagnostics (RADx) initiative. NIH is awarding contracts to nine companies for technologies that include portable point-of-care tests for immediate results and high-throughput laboratories that can return results within 24 hours. These tests add to initial awards made to seven companies on July 31, 2020.
- "Diagnostic testing is a critical component of the nation's strategy to meet the challenge of the COVID-19 pandemic," said NIH Director Francis S. Collins, M.D., Ph.D. "Just started at the end of April, the RADx initiative has moved swiftly to speed innovation and later-stage development in the biomedical technology sector. The results thus far have been outstanding."

https://www.nih.gov/news-events/news-releases/nih-continues-boost-national-covid-19-testing-capacity

NIH-supported study to track prevalence and impact of SARS-CoV-2 among pregnant women in low- and middle-income countries

- The National Institutes of Health has launched a study to track the prevalence and impact of SARS-CoV-2 infection among approximately 16,000 pregnant women in seven low- and middle-income countries. The study will follow women through pregnancy and 12 months after childbirth to compare maternal, fetal and newborn outcomes of participants who have been infected with the virus to those of pregnant women who have not been infected.
- At delivery, women enrolled in the study will receive an antibody test to determine if they have been exposed to SARS-CoV-2.
 Researchers hope to determine if infection increases the risk of complications such as preterm birth, fetal growth restriction, stillbirth, newborn death and birth defects. They also hope to assess participants' knowledge and attitudes of COVID-19 during pregnancy, including safety, protective practices and prenatal care. Women in the study will also be invited to participate in a follow-up analysis to determine if maternal SARS-CoV-2 infection influences infant outcomes such as cerebral palsy, developmental delays and hearing and vision abnormalities.
- The study is being conducted by the Global Network for Women's and Children's Health Research, a group of clinical sites funded by NIH's Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD). The participating countries are Guatemala, Bangladesh, India, Pakistan, Kenya, Democratic Republic of Congo and Zambia.

 https://www.nih.gov/news-events/news-releases/nih-supported-study-track-prevalence-impact-sars-cov-2-among-pregnant-women-low-middle-income-countries

Study Ties COVID-19-Related Syndrome in Kids to Altered Immune System

- Most children infected with SARS-CoV-2, the virus that causes COVID-19, develop only a mild illness. But, days or weeks later, a small percentage of kids go on to develop a puzzling syndrome known as multisystem inflammatory syndrome in children (MIS-C). This severe inflammation of organs and tissues can affect the heart, lungs, kidneys, brain, skin, and eyes.
- Thankfully, most kids with MIS-C respond to treatment and make rapid recoveries. But, tragically, MIS-C can sometimes be fatal
- With COVID-19 cases in children having increased by 21 percent in the United States since early August [2], NIH and others are
 continuing to work hard on getting a handle on this poorly understood complication. Many think that MIS-C isn't a direct result of the
 virus, but seems more likely to be due to an intense autoimmune response. Indeed, a recent study in Nature Medicine [1] offers
 some of the first evidence that MIS-C is connected to specific changes in the immune system that, for reasons that remain
 mysterious, sometimes follow COVID-19..

https://directorsblog.nih.gov/2020/09/01/study-ties-covid-19-related-syndrome-in-kids-to-altered-immune-system/

Whipsawed: California faces shifting federal messages over coming COVID vaccine

- Just a few weeks ago, California was among four states and one city tapped early by federal health officials to help plan for the massive rollout of a COVID-19 vaccine when it becomes available.
- Then an urgent Aug. 27 request from the director of the U.S. Centers for Disease Control and Prevention took health leaders in California and other states by surprise, asking that they prepare for a large-scale vaccine rollout as early as Nov. 1.

 https://calmatters.org/health/coronavirus/2020/09/california-covid-vaccine-shifting-messages/?utm_source=CalMatters+Newsletters&utm_campaign=5ba493af61-WHATMATTERS_NEWSLETTER&utm_medium=email&utm_term=0_faa7be558d-5ba493af61-150648140&mc_cid=5ba493af61&mc_eid=d92ddf8032

RFI ATFD

One in Three Americans Would Not Get COVID-19 Vaccine

As COVID-19 risk dips, Orange County gets OK to reopen indoor restaurants, movie theaters

- Orange County received some much-anticipated and welcome news in its battle against the coronavirus on Tuesday as it officially
 moved into the second stage of California's four-tiered, color-coded reopening system.
- The reclassification allows for more businesses including movie theaters, restaurants and places of worship to ease restrictions and open in limited capacity.
- Four other counties also moved from Tier 1 (purple) to Tier 2 (red) on Tuesday: Santa Clara, Santa Cruz, Amador and Placer.
- Orange joins San Diego as the only counties in Southern California not classified as having "widespread risk" under the <u>state's</u> COVID-19 monitoring system.

https://www.latimes.com/california/story/2020-09-08/orange-county-gets-ok-to-reopen-indoor-dining-movie-theaters?utm_source=sfmc_100035609&utm_medium=email&utm_campaign=30813+Essential+California+9%2f09%2f20&utm_term=https%3a%2f%2fwww.latimes.com%2fcalifornia%2fstory%2f2020-09-08%2forange-county-gets-ok-to-reopen-indoor-dining-movie-theaters&utm_id=13495&sfmc_id=3160688

Door-To-Door Trick-Or-Treating Is Not Allowed': LA County Releases Guidelines For Halloween

"Door-to-door trick-or-treating is not allowed because it can be very difficult to maintain proper social distancing on porches and at
front doors especially in neighborhoods that are popular with trick or treaters," the Los Angeles County Department of Public Health
said in its <u>recently released guidelines</u>. "'Trunk-or-treating' events where children go from car to car instead of door to door to
receive treats are also not allowed."

https://losangeles.cbslocal.com/2020/09/08/los-angeles-county-halloween-no-trick-or-treating-covid-19/

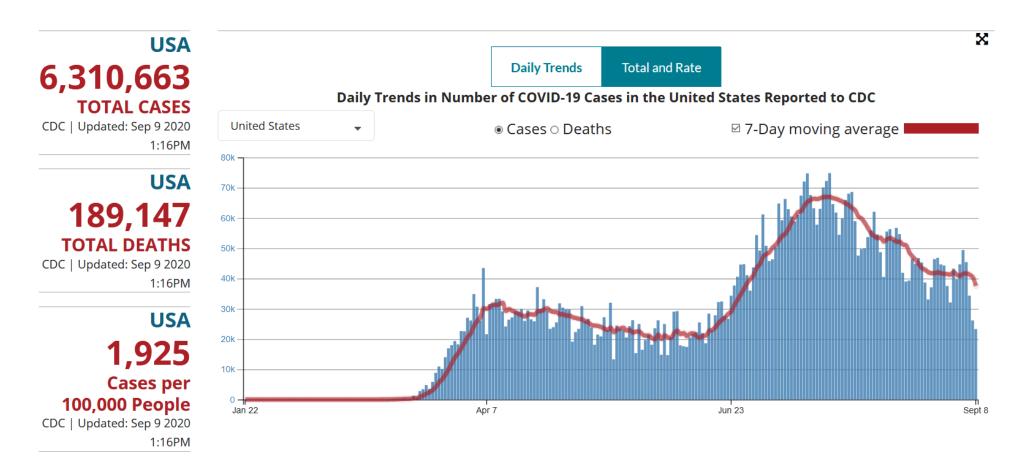
One Good Thing

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



https://covid.cdc.gov/covid-data-tracker/#trends

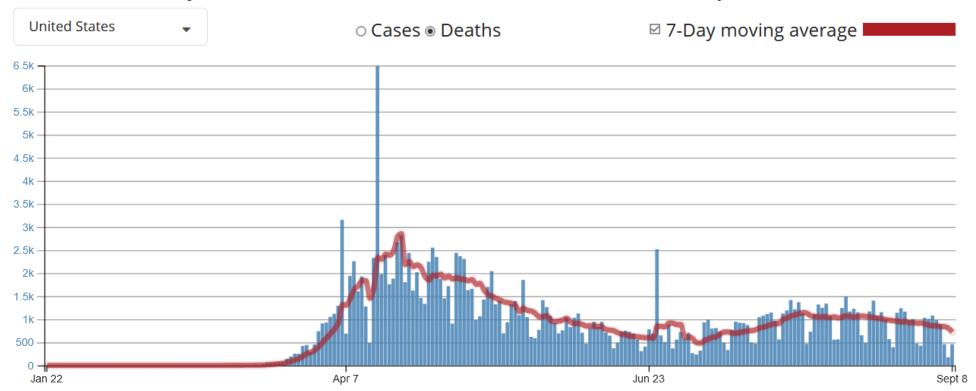
Trends in Number of COVID-19 Cases in the US Reported to CDC, by State/Territory



Daily Trends

Total and Rate

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



Social Impact COVID-19 Events in the United States

46 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 \$

N.D. MONTANA MINN. Portland Saint Pa S.D. ORE. WYO. NEBR. NEV. United States UTAH COLO KANS. Las Vegas OKLA. ARK. Los Angeles ARIZ. Dallas Ciudad Juárez TEXAS Download Map Data (D) mapbox © Mapbox © OpenStreetMap Improve this map Mayico

ONTARIO

Social Impact COVID-19 Events in the United States

7 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 ?

School Closure



+

QUÉBEC



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	000	31.6+ million	Times people have used CDC's online self- checking tool, Clara
	1,274	CDC deployers who have conducted 2,174 deployments to 198 cities across the United States and abroad		456,000+	Calls and emails to CDC-INFO
(a)	684,000+	Arriving international passengers screened at US airports		1.7+ billion	Times people have looked for information on CDC websites
	2,977	Documents providing information and guidance for government agencies, businesses, and the public		2.4+ billion	Social media impressions on 5,986 CDC response-related posts
	88.2+ million	COVID-19 tests conducted by public and private laboratories in the United States	-	32,000+	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC



cdc.gov/coronavirus

CS316565-A

CDC Guidance Documents

https://www.cdc.gov/coronavirus/2019-ncov/communication/guidance-list.html?Sort=Date%3A%3Adesc

<u>Cleaning, Disinfection, and Hand Hygiene in Schools – a Toolkit for School Administrators</u>

Cleaning, Disinfection, and Hand Hygiene in Schools during COVID-19

Date: 9/7/20 Audience: Schools

Markets: Operational considerations for COVID-19 mitigation measures in global low-resource setting

Markets are a critical place of commerce and a source of many essential goods, but they can pose potential risks for COVID-19 transmission. This document provides suggestions for mitigating COVID-19 transmission in markets in low-resource settings and describes considerations associated with each mitigation measure.

Date: 9/7/20

Audience: Businesses

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

California Takes Action to Combat COVID-19

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



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/



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 8, 2020 Numbers as of September 7, 2020

CALIFORNIA COVID-19 SPREAD **737,911** (+2,676)

Ages of Confirmed Cases

- 0-17: 75,198
- 18-49: 442,946
- 50-64: 139,563
- 65+: 79,301
- Unknown/Missing: 903

Gender of Confirmed Cases

- Female: 372.728
- Male: 358,617
- Unknown/Missing: 6,566

13,758 (+32)

Fatalities

Hospitalizations

Confirmed COVID-19

Hospitalized/in ICU

Suspected COVID-19

Hospitalized/in ICU

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

Your actions save lives.

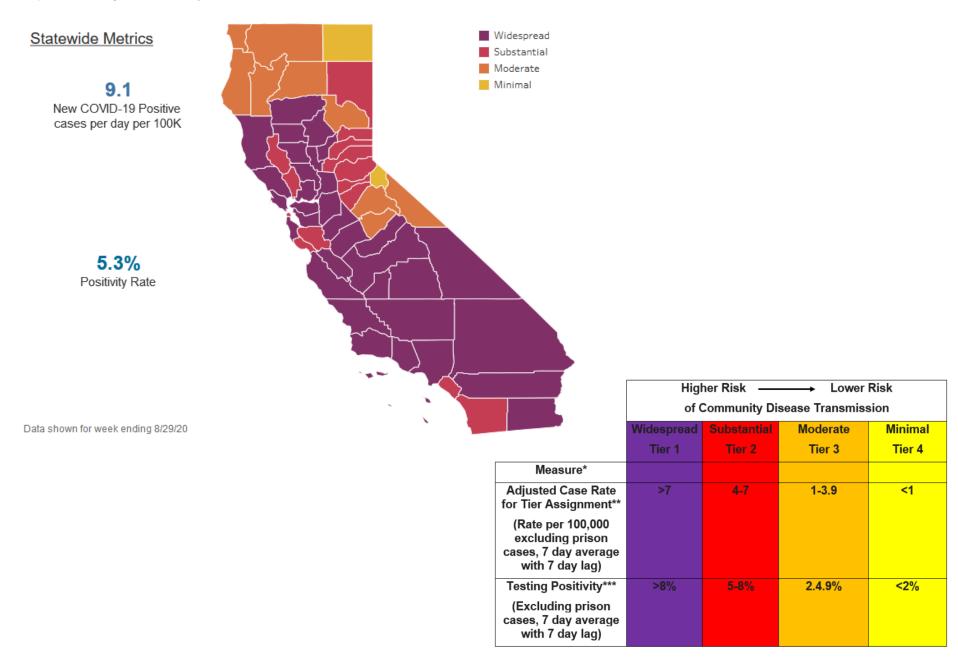
For county-level data: data.chhs.ca.gov

covid19.ca.gov





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



https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/COVID19CountyMonitoringOverview.aspx

CDPH News Releases 2020

https://www.cdph.ca.gov/Programs/OPA/Pages/New-Release-2020.aspx

State Officials Announce Latest COVID-19 Facts

September 8, 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 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.



RUHS Public Health News:

- Riverside County health officials urge residents to take precautions because of smoke, ash from fires English / Spanish September 8, 2020
- 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

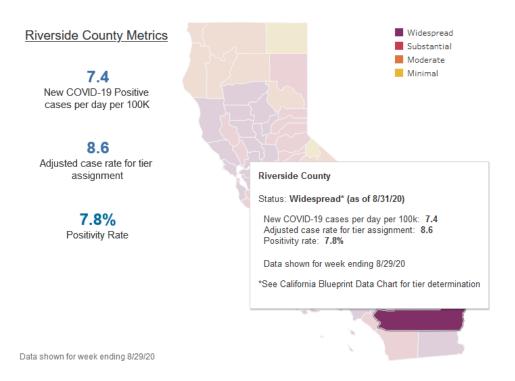
https://covid19.ca.gov/safer-economy/

Riverside

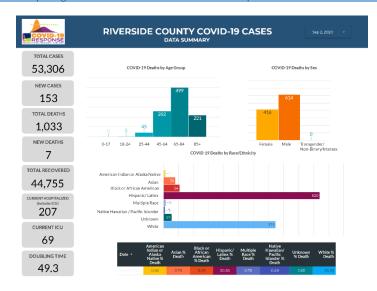
WIDESPREAD

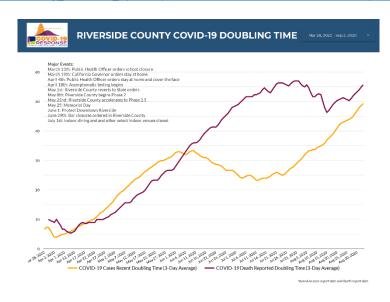
Many non-essential indoor business operations are closed <u>Understand the data.</u>

Counties can restrict further. Check with your local health department to find out what restrictions apply.

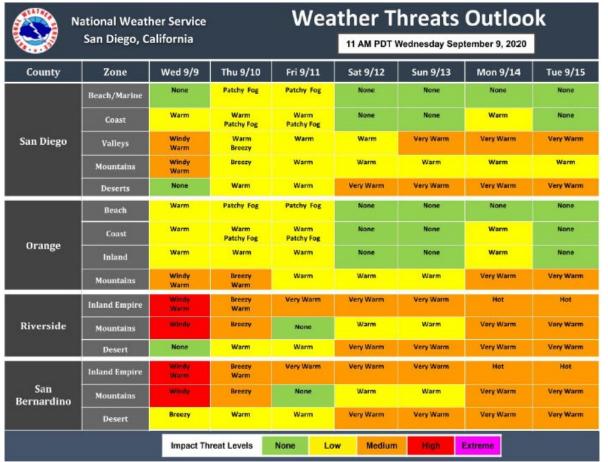


Daily Epidemiology Summary updated 09-08-2020
<a href="https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/September/Dashboard/2/9.8.20%20External%20Daily_COVID-19_Updates.pdf?ver=2020-09-08-151606-203×tamp=1599603437284





Weather



Near-Critical Fire	Weather Conditions
Fire Weather	<u>Impacts:</u> Near-critical conditions favorable for rapid fire spread and extreme fire behavior have become more localized, but will continue through Thursday.
Forecast Details	- What: Gusty winds combined with minimum relative humidity 5-15%, and critically dry fuels will create a high fire weather threat. Peak gusts will be around 30-35 MPH out of the east to northeast for the windiest locations. Lowest daytime humidity values Thursday will be 5-20%.
High Confidence	- Where: Primarily the windy corridors through Cajon and San Gorgonio Passes, as well as the Inland Empire. Foothills of San Diego County with the weak offshore winds tonight. Where Through Through a greening.
	- When: Through Thursday morning.

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

https://www.weather.gov/forecastpoints#

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Wildfire

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

