



**\*\*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](https://covid-19.splunkforgood.com/covid_19_datasource_comparison)

# Daily Situation Summary

## Thursday, September 24, 2020

### As of 10:00 AM

#### COVID-19 by the Numbers

09/24/2020	Riverside	Imperial*	Kern	Los Angeles	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	57,066	10,529	31,110	262,117	51,528	51,899	45,149	3,420	8,927	12,507	787,470	6,874,982	31,664,104
New Cases	65	8	79	699	165	245	222	14	16	30	3,146	49,285	237,856
Total Cases Per Capita	2,394	5,842	3,523	2,596	1,628	2,430	1,367	1,215	2,012	1,475	2,011	2,082	412
New Cases Per Capita	3	4	9	7	5	11	7	5	4	4	8	15	3
Recovered	<a href="#">53,004</a>	<a href="#">11,031</a>	<a href="#">15,609</a>	<a href="#">Not Reported</a>	<a href="#">47,267</a>	<a href="#">50,894</a>	<a href="#">40,557</a>	<a href="#">3,208</a>	<a href="#">8,715</a>	<a href="#">11,470</a>	<a href="#">404,372</a>	<a href="#">4,400,872</a>	<a href="#">23,750,461</a>
Total Deaths	1,172	314	357	6,401	1,150	908	765	27	111	146	15,204	200,275	972,221
New Deaths	10	0	3	35	22	0	5	0	1	0	133	813	5,047
Deaths Per Capita	49.18	174.24	40.43	63.39	36.34	42.52	23.16	9.59	25.01	17.21	38.84	60.64	12.66
Presumptive active cases	2,890	-816	15,144		3,111	97	3,827	185	101	891	367,894	2,273,835	6,941,422
% of State's Cases	7.25%	1.34%	3.95%	33.29%	6.54%	6.59%	5.73%	0.43%	1.13%	1.59%	<b>11.45%</b>	<b>21.71%</b>	
Currently in Hospitals	214	26	70	1,145	239	234	260	4	27	59	3,557		
Total Hospital Beds	3,372	259	1,321	20,023	5,658	3,861	6,635	451	666	1,259	67,092		
Currently in ICU	42	7	21	212	51	46	68	1	6	18	783		
ICU Beds Available	101	6	59	970	243	186	304	30	61	63	2,811		
Case Fatality Rate	2.1%	3.0%	1.1%	2.4%	2.2%	1.7%	1.7%	0.8%	1.2%	1.2%	1.9%	2.9%	3.1%
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	<b>330,249,194</b>	<b>7,679,405,000</b>
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	<b>0.24%</b>	<b>0.0895%</b>	

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

More detail on page 2

#### 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

More detail on page 13

**News** – The collection of news articles is related to COVID-19. The inclusion or order of articles is not intended to reflect their importance, nor is it intended to endorse the political viewpoints or affiliations included in news coverage.

## **NHS launches COVID-19 app, Exposure Notifications now supported in England and Wales**

<https://9to5mac.com/2020/09/23/nhs-uk-covid-exposure-notification-api/>

## **Helsinki Airport deploys coronavirus-sniffing dogs in program aimed at 'beating COVID-19'**

- Trained dogs can smell the coronavirus from 100 molecules or less — far less than the 19 million molecules used in PCR tests, according to Finavia. And research from the University of Helsinki has indicated dogs may have close to 100% accuracy in detecting the virus.

<https://www.foxnews.com/travel/coronavirus-sniffing-dogs-passengers-helsinki-airport>



## **Trudeau says Canada is in a second COVID-19 wave**

- Prime Minister Justin Trudeau said Wednesday that Canada is in a second wave of COVID-19 and warned that the country is on the brink of a fall season that could be much worse than the spring.
- Trudeau noted that when Canada went into lockdown March 13 there were 47 new confirmed cases of COVID-19, and that Tuesday alone, Canada had well over 1,000. Many provinces slowly reopened over the summer.
- “We can’t change today’s numbers or even tomorrow’s — those were already decided by what we did, or didn’t do, two weeks ago,” Trudeau said in a rare nationally televised address.
- “But what we can change is where we are in October, and into the winter. It’s all too likely we won’t be gathering for Thanksgiving [Oct. 12], but we still have a shot at Christmas.”

<https://www.latimes.com/world-nation/story/2020-09-23/trudeau-says-canada-is-in-a-second-covid-19-wave>

## **How Mutations In The Coronavirus May Affect Development Of A Vaccine**

- Researchers around the world are tracking the mutations in the coronavirus as it reproduces and spreads to ensure changes in the virus do not affect the development of the vaccine.
- Scientists hope to have an effective coronavirus vaccine by the end of the year, but their efforts could be undercut if the virus changes in a way that lets it evade the vaccine.
- The best way to spot mutations or genetic changes in a virus is by comparing all the genes in different samples. Peter Thielen of Johns Hopkins Applied Physics Laboratory says back in January, scientists had only one whole genome sequence to study.
- Today we have over 47,000 coronavirus genomes that have been submitted to international databases.
- New genomes are added every day from all over the world. And Thielen says each time a new one arrives, it gets a close examination.
- It's not a small feat to manufacture a vaccine for billions of people and then to get it to all of those people. And I think we have to keep in mind that even that is going to take months. In addition to the months required to develop a safe and effective vaccine in the first place.

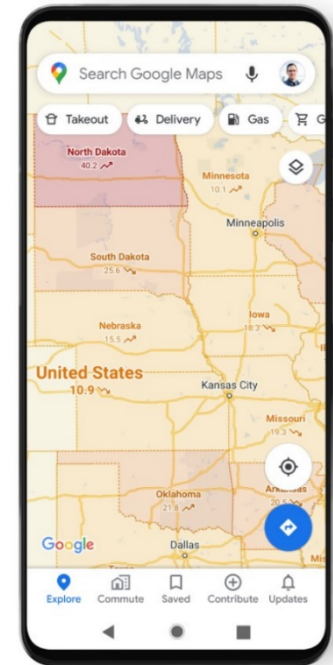
<https://www.npr.org/2020/06/25/883557549/how-mutations-in-the-coronavirus-may-affect-development-of-the-vaccine>

## Navigate safely with new COVID data in Google Maps

- More than one billion people turn to Google Maps for essential information about how to get from place to place—especially during the pandemic when safety concerns are top of mind. Features like popular times and live busyness, COVID-19 alerts in transit, and COVID checkpoints in driving navigation were all designed to help you stay safe when you're out and about. This week, we're introducing the COVID layer in Maps, a tool that shows critical information about COVID-19 cases in an area so you can make more informed decisions about where to go and what to do.
  - You can view COVID-19 related information as a layer in Google Maps. The COVID-19 layer displays the 7-day average for the number of new cases per 100,000 people. It also indicates whether cases are increasing or decreasing. The layer's colors indicate:
    - Grey: Less than 1 case
    - Yellow: 1-10 cases
    - Orange: 10-20 cases
    - Dark orange: 20-30 cases
    - Red: 30-40 cases
    - Dark red: 40+ cases

<https://blog.google/products/maps/navigate-safely-new-covid-data-google-maps/>

<https://support.google.com/maps/answer/9795160?hl=en>



## Defiance Of CA's COVID-19 Framework Delayed In Riverside County

- On the same day that state health officials gave Riverside County the OK to reopen more sectors of its economy, the Board of Supervisors voted 3-2 Tuesday in favor of modifying a proposed plan to allow all businesses, houses of worship and other entities countywide to fully reopen over the next six weeks, holding off on immediate action to determine how the state will respond.
- "This is a way of saying we're for the people of Riverside County," said Supervisor Jeff Hewitt, who introduced the "COVID-19 Reopening Plan. "We're going to be operating in an economy that's going to be crushed. We need to move forward on this and stop putting it off."
- The proposal drew more than 70 speakers to the County Administrative Center in downtown Riverside, as well as via telephonic participation, who were overwhelmingly in support of the plan, which will be reconsidered on Oct. 6 after some fine-tuning.
- "If we choose a path that is not in line with the state, the state will take a hard line with us," Supervisor Kevin Jeffries said.
- Jeffries and Supervisor Karen Spiegel both said they were behind Hewitt's concept, but before a final vote, they requested input from the Riverside County Business Task Force and an in-depth assessment by the Executive Office of what funds Gov. Gavin Newsom's administration might withhold or demand be returned to the state if the county divorces itself from the color-coded tier system currently used to gauge the pace of relaxing public health lockdowns.

[https://patch.com/california/lakeelsinore-wildomar/s/h92in/defiance-of-cas-covid-19-framework-delayed-in-riverside-county?utm\\_term=article-slot-1&utm\\_source=newsletter-daily&utm\\_medium=email&utm\\_campaign=newsletter](https://patch.com/california/lakeelsinore-wildomar/s/h92in/defiance-of-cas-covid-19-framework-delayed-in-riverside-county?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.  
<https://apnews.com/OneGoodThing> & <https://www.goodnewsnetwork.org/>



## U.S. Data

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

## CDC COVID Data Tracker

Maps, charts, and data provided by the CDC

Case Trends ▾ Laboratory ▾ **Community Impact ▾** Unique Populations ▾ COVID-19 Home

Mobility | **Social Impact** | School Closures

### Social Impact COVID-19 Events in the United States

**6** 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



## CDC Guidance Documents

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

### [Guidance for Reopening Buildings After Prolonged Shutdown or Reduced Operation](#)

Ensure that your water system is safe to use after a prolonged shutdown to minimize the risk of Legionnaires' disease and other diseases associated with water.

Date: 9/21/20

Audience: [Community Settings](#), [Public Health Professionals](#)

### [Interim Laboratory Biosafety Guidelines for Handling and Processing Specimens Associated with Coronavirus Disease 2019 \(COVID-19\)](#)

General and specific biosafety guidelines for handling SARS-CoV-2 specimens.

Date: 9/18/20

Audience: [Laboratory](#)

### [Overview of Testing for SARS-CoV-2 \(COVID-19\)](#)

Summary of considerations and current CDC recommendations regarding SARS-CoV-2 testing.

Date: 9/17/20

Audience: [Health Departments](#), [Healthcare Professionals](#), [State and Local Government](#)

### [Guidance for Reopening Buildings After Prolonged Shutdown or Reduced Operation](#)

Ensure that your water system is safe to use after a prolonged shutdown to minimize the risk of Legionnaires' disease and other diseases associated with water.

Date: 9/17/20

Audience: [Community Settings](#), [Public Health Professionals](#)

### [COVID-19 Parental Resources Kit – Young Adulthood](#)

Young adults' social, emotional, or mental well-being may be impacted by the pandemic. Learn what you can do to help ensure their well-being.

Date: 9/16/20

Audience: [Colleges and Universities](#), [General Public](#)

### [COVID-19 Parental Resources Kit – Childhood](#)

Children's social, emotional, or mental well-being maybe impacted by the pandemic. Learn what you can do to help ensure their well-being.

Date: 9/15/20

Audience: [General Public](#)

### [Operational Considerations for Personal Protective Equipment in the Context of Global Supply Shortages for Coronavirus Disease 2019 \(COVID-19\) Pandemic: non-US Healthcare Settings](#)

Considerations for personal protective equipment (PPE) in the context of global supply shortages in non-US healthcare settings.

Date: 9/14/20

Audience: [Healthcare Facilities](#), [Healthcare Professionals](#)

### [Guidance for General Population Disaster Shelters During a Pandemic](#)

Date: 9/14/20

Audience: [Colleges and Universities](#), [First Responders](#), [Healthcare Facilities](#), [Healthcare Professionals](#), [High-Risk Populations](#), [Public Health Professionals](#), [Schools](#), [State and Local Government](#)

### [Interim Operational Considerations for Public Health Management of Healthcare Workers Exposed to or with Suspected or Confirmed COVID-19: non-U.S. Healthcare Settings](#)

These recommendations are intended to be used by healthcare facilities and public health authorities in non-US healthcare settings, particularly focusing on low- and middle-income countries, assisting with the management of HCWs exposed to a person with confirmed or suspected COVID-19.

Date: 9/11/20

Audience: [Healthcare Facilities](#), [Healthcare Professionals](#)

### [Know When to Delay your Travel to Avoid Spreading COVID-19](#)

Advice on when and how long people should delay their domestic or international travel to avoid spreading COVID-19.

Date: 9/10/20

Audience: [Travel](#)

### [Additional COVID-19 Guidance for Caregivers of People Living with Dementia in Community Settings](#)

People caring for loved ones with dementia can take steps to prevent illness and stay healthy during the COVID-19 pandemic.

Date: 9/10/20

Audience: [High-Risk Populations](#)

### [Implementing Safety Practices for Critical Infrastructure Workers Who May Have Had Exposure to a Person with Suspected or Confirmed COVID-19](#)

Find CDC's guidance for critical workers on how to protect workers who may have been exposed to COVID-19.

Date: 9/10/20

Audience: [Businesses](#)



# 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

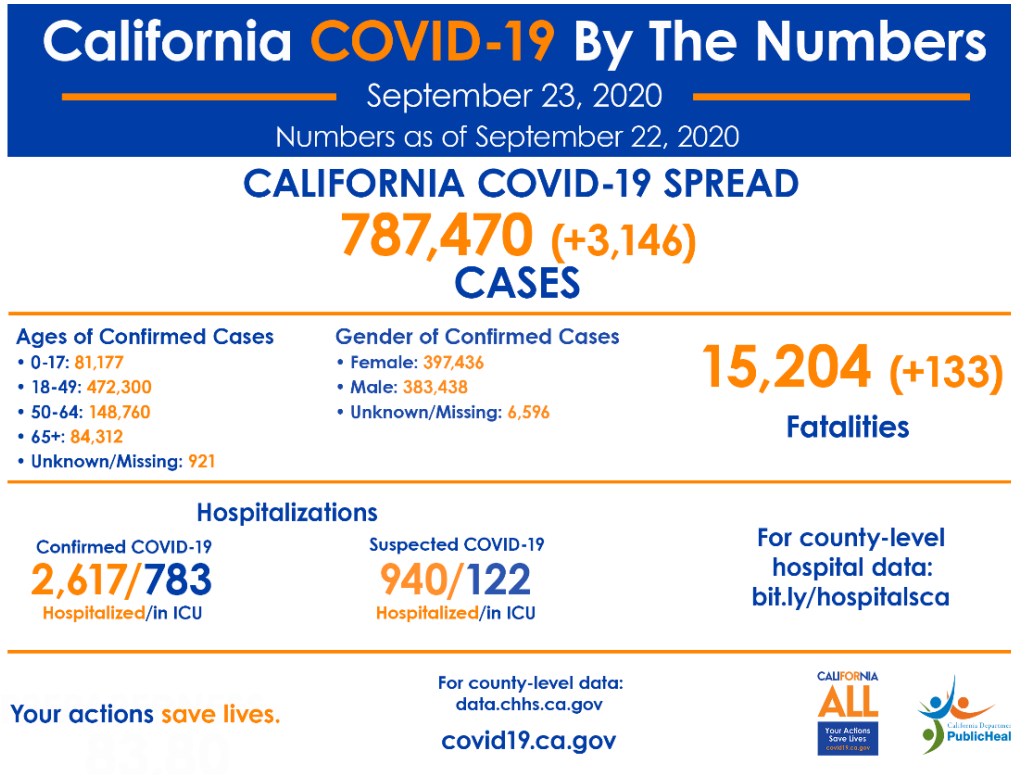
<https://covid19.ca.gov/data-and-tools/>



Office of Governor  
**GAVIN NEWSOM**

Press Releases, Executive Orders, Media Advisories,  
Proclamations, and “On the Record” Column

<https://www.gov.ca.gov/newsroom/>



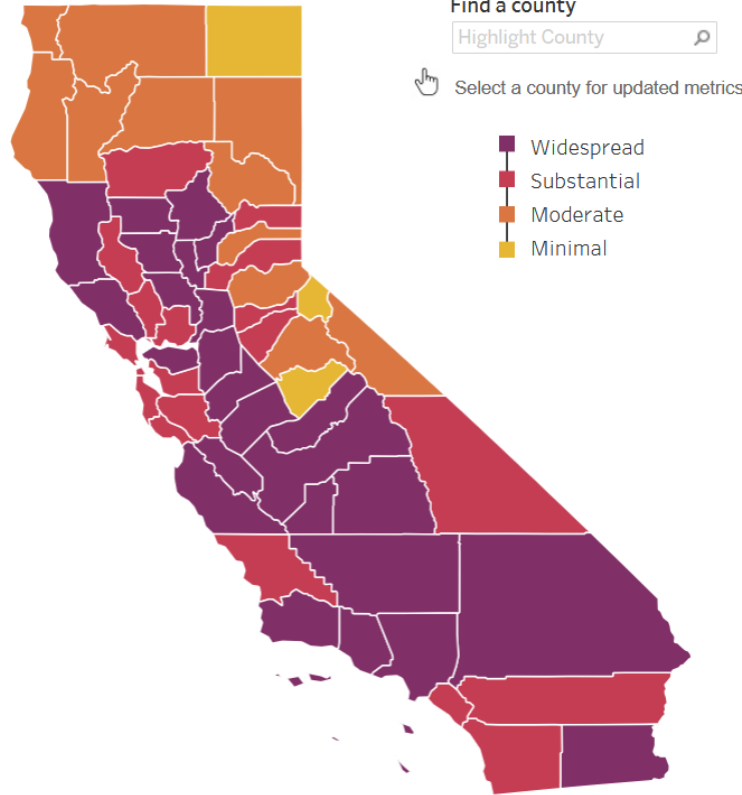
### Statewide metrics

**6.4**

New COVID-19 positive cases per day per 100K

**3.6%**

Positivity rate



	Higher Risk → Lower Risk of Community Disease Transmission			
	Widespread Tier 1	Substantial Tier 2	Moderate Tier 3	Minimal Tier 4
<b>Measure*</b>				
<b>Adjusted Case Rate for Tier Assignment**</b> (Rate per 100,000 excluding prison cases, 7 day average with 7 day lag)	>7	4-7	1-3.9	<1
<b>Testing Positivity***</b> (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 23, 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 22, 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 21, 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 20, 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 19, 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 18, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.



# Riverside County Data

<https://www.rivcoph.org/coronavirus>

## RUHS Public Health News:

- Riverside County enters state’s red tier, more businesses resume indoor operations [English](#) / [Spanish](#) - September 23, 2020
- [Third round of business assistance grant applications to open Sept. 16 with expanded eligibility](#) - September 14, 2020
- More residents needed for COVID testing to slow the spread, move into red tier [English](#) / [Spanish](#) - September 10, 2020
- 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

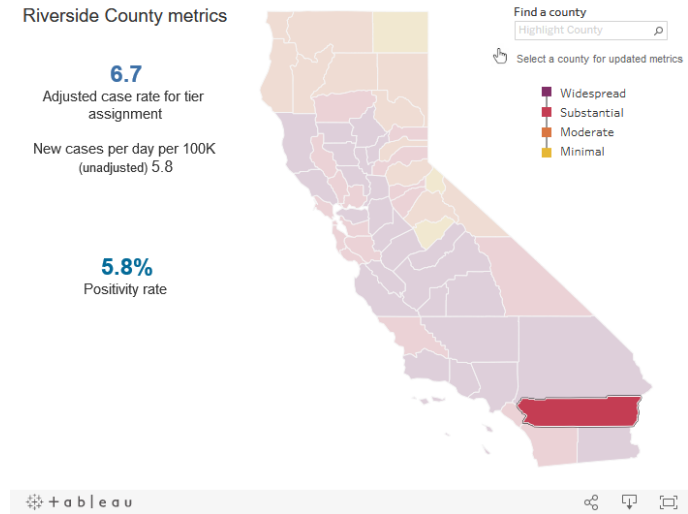
<https://covid19.ca.gov/safer-economy/>

## Riverside

SUBSTANTIAL

Some non-essential indoor business operations are closed. [Understand the data.](#)

Counties can restrict further. Check your [county's website.](#)



### New dashboard

Click [here](#) for more detailed city/community data and reports

### Daily Epidemiology Summary updated 09-23-2020

[https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/September/Dashboard/5/Public\\_Daily\\_COVID-19\\_Updates\\_2020-09-23.pdf?ver=2020-09-23-133442-540&timestamp=1600893288396](https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/September/Dashboard/5/Public_Daily_COVID-19_Updates_2020-09-23.pdf?ver=2020-09-23-133442-540&timestamp=1600893288396)

## If all goes well schools in Riverside County could open as soon as October 7th K-12

See the link to CDPH's frequently asked questions (FAQ) regarding application of School/School Based Programs Guidance.

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Schools-FAQ.aspx>

### What schools guidance has CDPH issued?

*The guidance applies to all public and private schools operating in California. This is a public health directive and the Governor has ordered, in multiple executive orders (PDF), that all California residents heed the guidance and directives of the state public health officer.*

### How should conflicting or inconsistent guidance between federal, state, and local authorities be addressed?

Governmental and non-governmental entities at all levels have issued guidance relating to the safe reopening of schools for in-person instruction. Under the operative executive orders (PDF) and 2020-21 Budget Act, schools must comply with orders and guidance issued by the California Department of Public Health and relevant local public health departments. Schools may comply with guidance from other federal, state, local, and non-governmental sources, to the extent those guidelines are consistent with state and local public health directives.

You can also find this above document in the set of links here: <https://covid19.ca.gov/industry-guidance/#schools-guidance>, opening the schools section will display:

#### Schools

Find information for your school district.

Follow this [guidance for schools and school-based programs](#) to create a safer environment for your students, families, and staff. This guidance applies to in-person learning and distance learning.

- Review the guidance, prepare a plan, and post the [checklist for schools](#) in your facility to show students, families, and staff that you've taken steps to mitigate COVID-19 spread.
- Check the answers to [frequently asked questions](#) about guidance for schools.
- Follow the [guidance related to cohorts](#) of children and youth.
- See the [California Interscholastic Federation statement](#) for information about seasonal sports.

Some schools may have reopened based on the [COVID-19 and Reopening In-Person Learning Framework for K-12 Schools](#). These schools should follow the guidance on school closure provided in that framework when determining whether to close due to COVID-19 spread.

Elementary education waiver:

- See the [Waiver Process Overview](#) for details.
- Local health officers will need to submit the [Waiver Notice Form](#) to CDPH.

**Specific guidelines are under the Higher Education sector (<https://covid19.ca.gov/industry-guidance/#higher-education>) and Red Tier specifics are snipped here:**

#### Higher education

Tier status:

Substantial (red):

- Capacity for indoor lectures and student gatherings must be limited to 25% or 100 people, whichever is less
- Some courses conducted in certain indoor settings, like labs and studio arts, may be open at regular capacity
- Conduct student activities virtually when possible

COVID-19 Industry Guidance for Higher Education applies to all colleges, universities, trade/vocational schools and BPPE approved institutions: <https://files.covid19.ca.gov/pdf/guidance-higher-education--en.pdf>

The same concept of CDPH guidance taking priority over layers of guidance applies for Higher Education as well as K-12.

# Weather

Possible heat wave next week!

## Threat Matrix

San Diego County, San Diego County Coastal Waters, Orange County, Western Riverside County, Southwest San Bernardino County

UPDATED:09/24/2020 6:55 AM

Weather Threat	Thu 09/24	Fri 09/25	Sat 09/26	Sun 09/27	Mon 09/28	Tue 09/29	Wed 09/30	Thu 10/01
Urban Rain (Driving Impact)	Green	Green	Green	Green	Green	Green	Green	Green
Flooding	Green	Green	Green	Green	Green	Green	Green	Green
Thunderstorms	Green	Green	Green	Green	Green	Green	Green	Green
Snow	Green	Green	Green	Green	Green	Green	Green	Green
Non-Thunderstorm Winds	Green	Green	Green	Green	Green	Green	Green	Green
Fire Weather	Yellow	Yellow	Yellow	Orange	Yellow	Yellow	Yellow	Yellow
Extreme Temperatures	Yellow	Green	Green	Orange	Red	Red	Red	Orange
Fog	Green	Green	Green	Green	Green	Green	Green	Green
Coastal	Green	Green	Green	Green	Green	Green	Green	Green
Marine	Green	Green	Green	Green	Green	Green	Green	Green
Impact Scale	None	Minor	Moderate	Major	Extreme			

Latest hazard threat table: <https://www.wrh.noaa.gov/sqx/event/dsstable.php>

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

# Wildfire

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

