CORONAVIRUS UPDATE SOUTHERN CALIFORNIA

Daily Situation Summary
Wednesday, December 2, 2020
As of 10:00 AM

COVID-19 by the Numbers

12/2/2020	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	88,530	16,278	41,345	403,264	79,468	95,854	83,423	6,264	11,611	20,604	1,245,948	13,447,627	63,360,234
New Cases	808	66	404	7,062	757	3,150	1,378	40	39	296	20,759	152,022	491,420
Total Cases Per Capita	3,715	9,032	4,682	3,993	2,511	4,489	2,526	2,226	2,617	2,429	3,183	4,068	823
New Cases Per Capita	33.90	36.62	45.75	69.93	23.92	147.51	41.72	14.21	8.79	34.90	53.03	45.99	6.39
Recovered	67,482	15,027	18,521	Not Reported	60,186	86,475	65,300	5,395	11,100	16,596	585,159	8,388,314	44,775,583
Total Deaths	1,443	356	449	7,700	1,577	1,129	1,019	38	137	185	19,324	267,302	1,475,825
New Deaths	1	0	1	45	0	0	22	0	1	2	113	1,251	10,028
Deaths Per Capita	60.55	197.54	50.85	76.25	49.84	52.87	30.85	13.50	30.87	21.81	49.36	80.87	19.18
Presumptive active cases	19,605	895	22,375		17,705	8,250	17,104	831	374	3,823	641,465	4,792,011	17,108,826
% of State's Cases	7.11%	1.31%	3.32%	32.37%	6.38%	7.69%	6.70%	0.50%	0.93%	1.65%	9.27%	21.22%	
Currently in Hospitals	704	73	190	2,882	756	965	733	10	48	112	9,365		
Total Hospital Beds	3,485	265	1,305	20,310	6,047	4,105	6,825	460	688	1,234	69,207		
Currently in ICU	126	16	41	601	171	192	197	1	14	40	2,006		
ICU Beds Available	44	0	35	574	123	54	210	20	47	24	1,839		
Case Fatality Rate	1.630%	2.187%	1.086%	1.909%	1.984%	1.178%	1.221%	0.607%	1.180%	0.898%	1.551%	1.988%	2.329%
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	330,544,225	7,695,773,000
% of Population	6.09%	0.46%	2.26%	25.79%	8.08%	5.45%	8.44%	0.72%	1.13%	2.17%	0.38%	0.1747%	

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)

News

US Data

State Data

Riverside County Data

Weather

Prepared by Justin Czerniak
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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.

Massive Covid-19 Vaccine Distribution Network Prepares For Approval | NBC Nightly News
https://www.youtube.com/watch?v=orYe15sl6DA

CDC Shortens Its COVID-19 Quarantine Recommendations
- The Centers for Disease Control and Prevention has revised its guidelines for people who may have been exposed to the coronavirus. Now, instead of the standard 14-day quarantine it has been recommending, the CDC says that potential exposure warrants a quarantine of 10 or seven days, depending on one's test results and symptoms.
- If individuals do not develop symptoms, they need only quarantine for 10 days; if they test negative, that period can be reduced to just one week.
  https://www.npr.org/2020/12/02/941355347/cdc-shortens-its-covid-19-quarantine-recommendations

Millions Face Bitter Winter If Congress Fails To Extend Relief Programs
- The pandemic rages on. More than 180,000 people tested positive for the coronavirus on Tuesday. States and cities are closing businesses. Nearly 800,000 people are applying for unemployment every week.
  https://www.npr.org/2020/12/02/940695103/millions-face-bitter-winter-if-congress-fails-to-extend-relief-programs

These Are Deaths That Could Have Been Prevented,' Says Researcher Studying Evictions
- Like much of the response to the coronavirus across the United States, the approach to housing during the pandemic has been an uneven patchwork.
- Forty-three states and Washington, D.C., put in eviction moratoriums starting in March and April, but 27 of them ended in the spring and summer. Then in September, the Centers for Disease Control and Prevention ordered a national stop to evictions.
- The CDC eviction ban isn't automatic and doesn't cover everyone. Thousands of people are still being kicked out of their homes.
- Still, the federal order has been protecting many — and it is set to expire at the end of December.
  https://www.npr.org/sections/coronavirus-live-updates/2020/12/02/940720861/these-are-deaths-that-could-have-been-prevented-says-researcher-studying-evictio

PhD graduate develops sodium-coated mask that kills COVID-19 droplets
- A recent Ph.D. graduate won an award Tuesday for creating a reusable face mask that appears to kill infectious pathogens like the coronavirus — using a simple coating of salt.
  https://nypost.com/2020/11/24/new-grad-develops-sodium-mask-that-can-kill-covid-19-droplets/

CIF Delays Start, Cancels Fall Regional, State Championship Dates
- With no youth sports guidance from the California Department of Public Health, CIF puts Season 1 start dates "on hold" until further notice.
  https://patch.com/california/lakeelsinore-wildomar/s/hc12l/cif-delays-start-cancels-fall-regional-state-championship-dates?utm_source=alert-breakingnews&utm_medium=email&utm_campaign=alert

U.S. Data

https://covid.cdc.gov/covid-data-tracker/#cases_casesper100klast7days

TOTAL CASES	AVERAGE DAILY CASES PER 100K IN LAST 7 DAYS	TOTAL DEATHS
13,626,022	**49.2**	**269,763**
+178,395 New Cases		+2,461 New Deaths

CDC | Updated: Dec 2 2020 12:50PM

View:
- ⦿ Cases
- ○ Deaths

Time period:
- ⦿ Last 7 Days
- ○ Since Jan 21, 2020

Metric:
- ○ Count
- ⦿ Rate per 100,000

US COVID-19 Average Daily Case Rate in Last 7 Days, by State/Territory (cases per 100K)
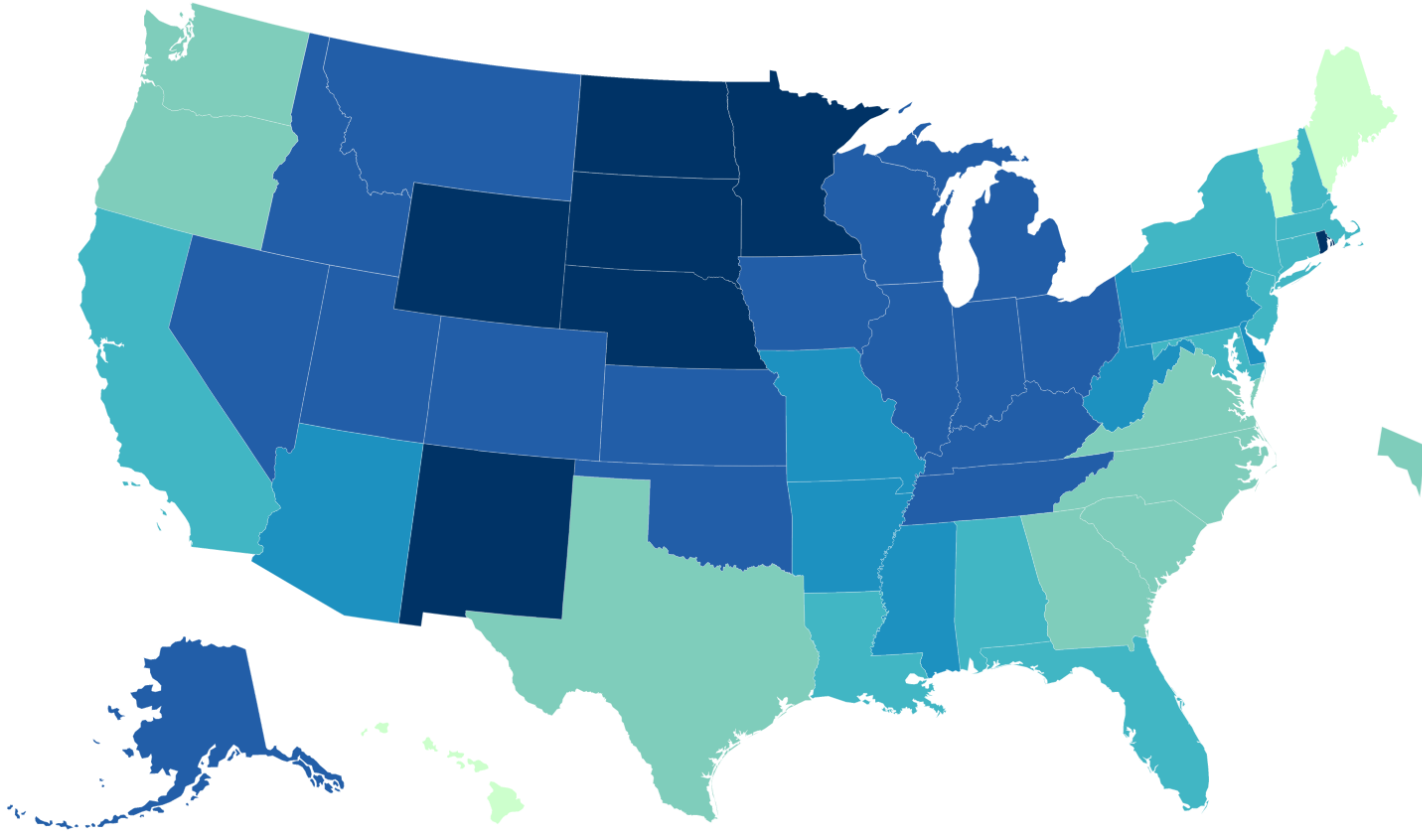
Territories

AS	FSM	GU	MP	PR	PW	RMI	VI

Average Daily Cases per 100,000 in Last 7 Days

- 0 - 12.6
- 22.3 - 34.5
- 35.4 - 46.9
- 51.4 - 60.3
- 65 - 80.8
- 87.5 - 100.3

Prepared by Justin Czerniak

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Map Data: Percent change in cases from previous 7 days   Time Period: Tue Nov 24 2020 - Mon Nov 30 2020

Legend:
- -25% or less
- -26% - -11%
- -10% - +0%
- +1% - +10%
- +11% - +25%
- 26% or more
- No Data
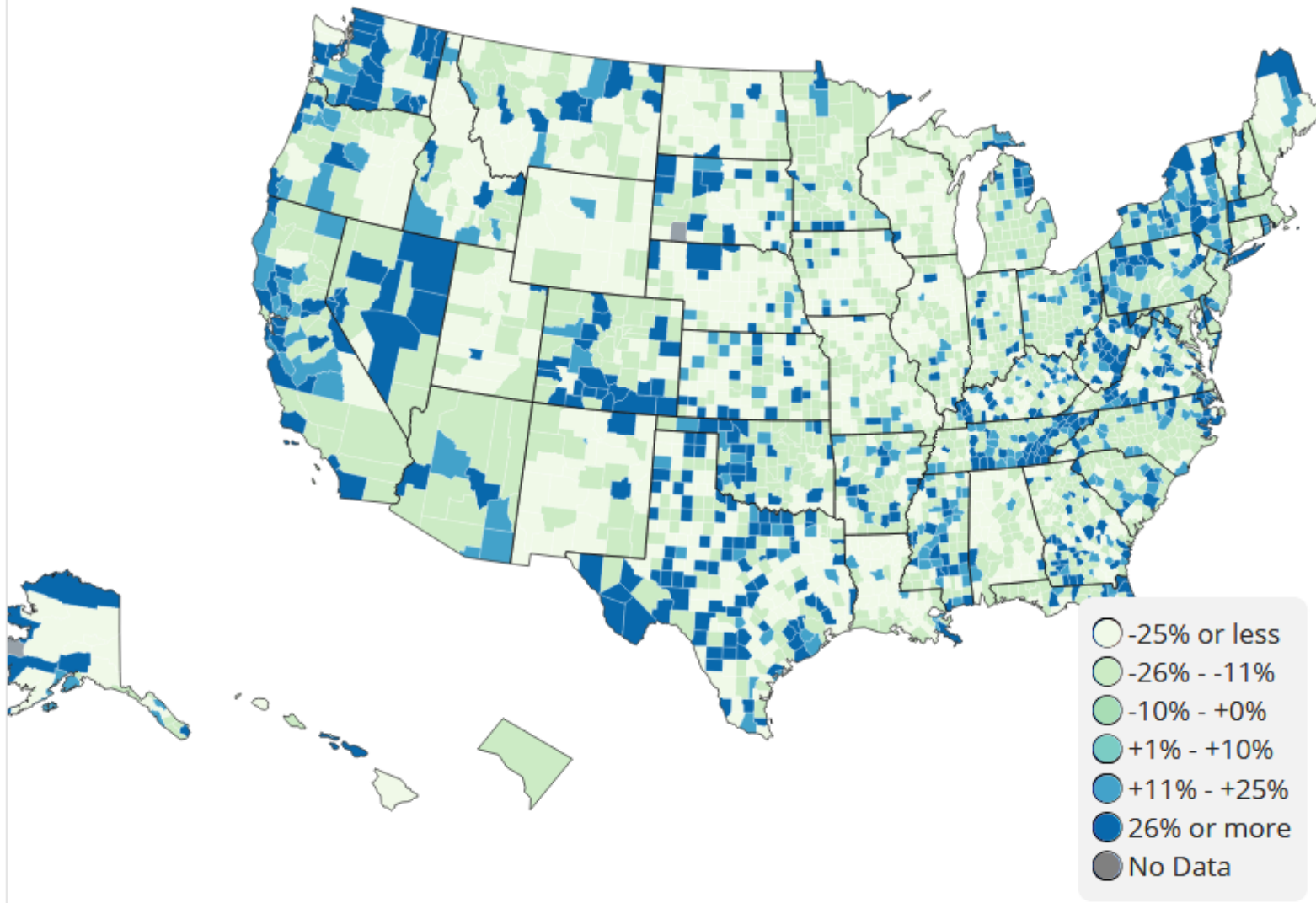
CDC Whats New

- [Testing and International Air Travel](#) Wednesday, December 02, 2020
- [COVID-19 Published Science and Research](#) Wednesday, December 02, 2020
- [Travel during the COVID-19 Pandemic](#) Wednesday, December 02, 2020
- [After You Travel](#) Wednesday, December 02, 2020
- [Cases in the U.S.](#) Tuesday, December 01, 2020
- [EARLY RELEASE: Increase in Hospital-Acquired Carbapenem-Resistant Acinetobacter baumannii Infection and Colonization in an Acute Care Hospital During a Surge in COVID-19 Admissions --- New Jersey, February--July 2020](#) Tuesday, December 01, 2020
- [COVID-19 Science Update released: December 1, 2020](#) Tuesday, December 01, 2020
- [Know When to Delay your Travel to Avoid Spreading COVID-19](#) Tuesday, December 01, 2020
- [Southern Border Toolkit for Partners](#) Tuesday, December 01, 2020
- [COVID-19 One-Stop Shop Toolkits](#) Tuesday, December 01, 2020
- [Care for Breastfeeding Women](#) Tuesday, December 01, 2020
- [Laboratory Capacity](#) Tuesday, December 01, 2020
- [Coronavirus Disease 2019 (COVID-19)](#) Tuesday, December 01, 2020
- [Considerations for Inpatient Obstetric Healthcare Settings](#) Tuesday, December 01, 2020
- [Cases in the U.S.](#) Monday, November 30, 2020
- [Healthcare Facilities That Have Implemented COVID-19 Electronic Case Reporting](#) Monday, November 30, 2020
- [Wear Face Masks on Public Transportation Conveyances and at Transportation Hubs](#) Monday, November 30, 2020
- [Treatments Your Healthcare Provider Might Recommend for Severe Illness](#) Monday, November 30, 2020
- [10 Things Healthcare Professionals Need to Know about U.S. COVID-19 Vaccination Plans](#) Monday, November 30, 2020
- [COVID-19 Hospitalization and Death by Race/Ethnicity](#) Monday, November 30, 2020
- [COVID-19 Forecasts: Cases](#) Monday, November 30, 2020
- [People with Certain Medical Conditions](#) Monday, November 30, 2020
- [Assessing Risk Factors for Severe COVID-19 Illness](#) Monday, November 30, 2020
- [Staffing Resources](#) Monday, November 30, 2020
- [COVIDView Weekly Summary](#) Monday, November 30, 2020
- [People at Increased Risk](#) Monday, November 30, 2020
- [COVID-19 Travel Recommendations by Country](#) Monday, November 30, 2020
- [Information for Clinicians on Therapeutic Options for COVID-19 Patients](#) Monday, November 30, 2020
- [Household Checklist](#) Monday, November 30, 2020
- [Cases & Deaths by County](#) Sunday, November 29, 2020
- [How to Wear Masks](#) Saturday, November 28, 2020
- [Frequently Asked Questions about Coronavirus (COVID-19) for Laboratories](#) Saturday, November 28, 2020

CDC Guidance Documents

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

[Public Health Guidance for Potential COVID-19 Exposure Associated with International or Domestic Travel](#)
CDC's recommendations for travel-associated exposures. Date: 12/1/20
Audience: Federal, State & Local Government, Healthcare Professionals

[CDC Guidance for Expanded Screening Testing to Reduce Silent Spread of SARS-CoV-2](#)
The updated guidance is meant to assist health departments in decision making and considerations for groups to be considered for expanded screening testing with the aim of slowing asymptomatic and presymptomatic community transmission. Date: 11/30/20
Audience: Health Departments

[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: 11/30/20
Audience: Individuals & Consumers

[Care for Breastfeeding Women](#)
Find information on managing breastfeeding patients with confirmed or suspected COVID-19. Date: 11/30/20
Audience: Doctors, Nurses

[Considerations for Inpatient Obstetric Healthcare Settings](#)
Find information on managing pregnant patients with confirmed or suspected COVID-19. Date: 11/30/20
Audience: Parents & Caregivers, Doctors

[Guidance for Health Departments about COVID-19 Testing in the Community](#)
Considerations and recommendations for health departments supporting COVID-19 (SARS-CoV-2) testing in communities, schools, workplaces, and healthcare settings. Date: 11/29/20
Audience: Health Departments

[Collection and Submission of Postmortem Specimens from Deceased Persons with Confirmed or Suspected COVID-19](#)
Learn about CDC's guidance on collection and submission of postmortem specimens from deceased persons under investigation for COVID-19. Date: 11/29/20
Audience: Federal, State & Local Government, Employers, Business Owners & Comminnty Leaders, Health Departments, Healthcare Professionals

[Public Health Guidance for Potential COVID-19 Exposure Associated with International or Domestic Travel](#)
CDC's recommendations for travel-associated exposures. Date: 11/29/20
Audience: Federal, State & Local Government, Healthcare Professionals

COVID-19 By the Numbers

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

COVID-19 RESPONSE BY THE NUMBERS
As of November 30, 2020

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

7,807	CDC personnel supporting the outbreak response	
1,426	CDC deployers who have conducted **2,629** deployments to **231** cities across the United States and abroad	
158	COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)	
4,105	Documents providing information and guidance for government agencies, businesses, and the public	
188.3+ million	COVID-19 tests conducted by public and private laboratories in the United States	

36.9+ million	Times people have used CDC's online Coronavirus Self-Checker	
610,000+	Calls and emails to CDC-INFO	
2.0+ billion	Times people have looked for information on CDC websites	
2.7+ billion	Social media impressions on **7,744** CDC response-related posts	
40,000+	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC	

cdc.gov/coronavirus

CS316565-A

Learn more at fema.gov/coronavirus Nov. 30, 2020 1 of 2

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#

"Safer Economy Blueprint"

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

Blueprint for a Safer Economy – COVID-19 and Equity

https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/CaliforniaHealthEquityMetric.aspx
https://covid19.healthyplacesindex.org/
https://map.healthyplacesindex.org/

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/
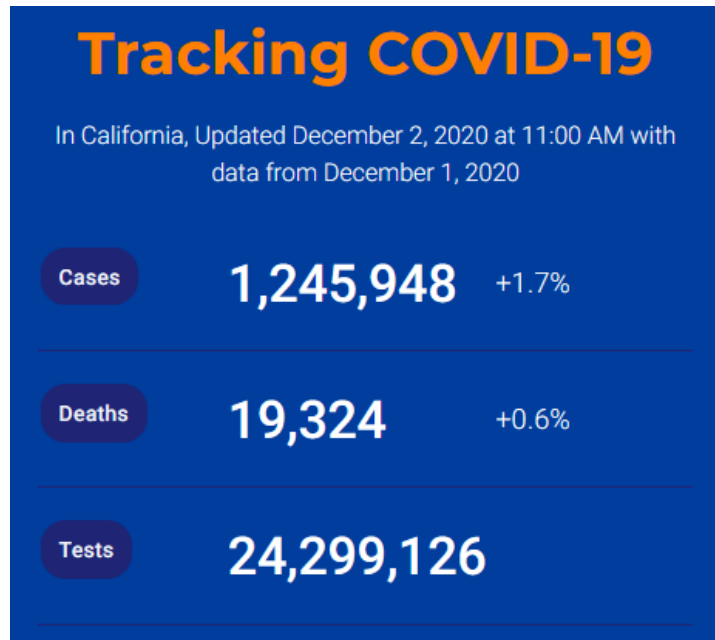
Office of Governor GAVIN NEWSOM

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

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

Tracking COVID-19

In California, Updated December 2, 2020 at 11:00 AM with data from December 1, 2020

Cases	1,245,948	+1.7%
Deaths	19,324	+0.6%
Tests	24,299,126	

California COVID-19 By the Numbers

December 1, 2020 — Numbers as of November 30, 2020

COVID-19 Cases	Fatalities
1,225,189 (+12,221)	19,211 (+70)

Ages of Confirmed Cases

136,904	729,630	230,204	127,432	1,019
0-17	18-49	50-64	65+	Unknown/Missing

Gender of Confirmed Cases

620,979	594,629	9,581
Female	Male	Unknown/Missing

Hospitalizations

	Confirmed COVID-19		Suspected COVID-19	
	8,240	1,890	809	110
	Hospitalized	in ICU	Hospitalized	in ICU

Your actions save lives.
covid19.ca.gov

CDPH

Current tier assignments as of December 1, 2020

Tier assignments may occur any day of the week and may occur more than once a week.
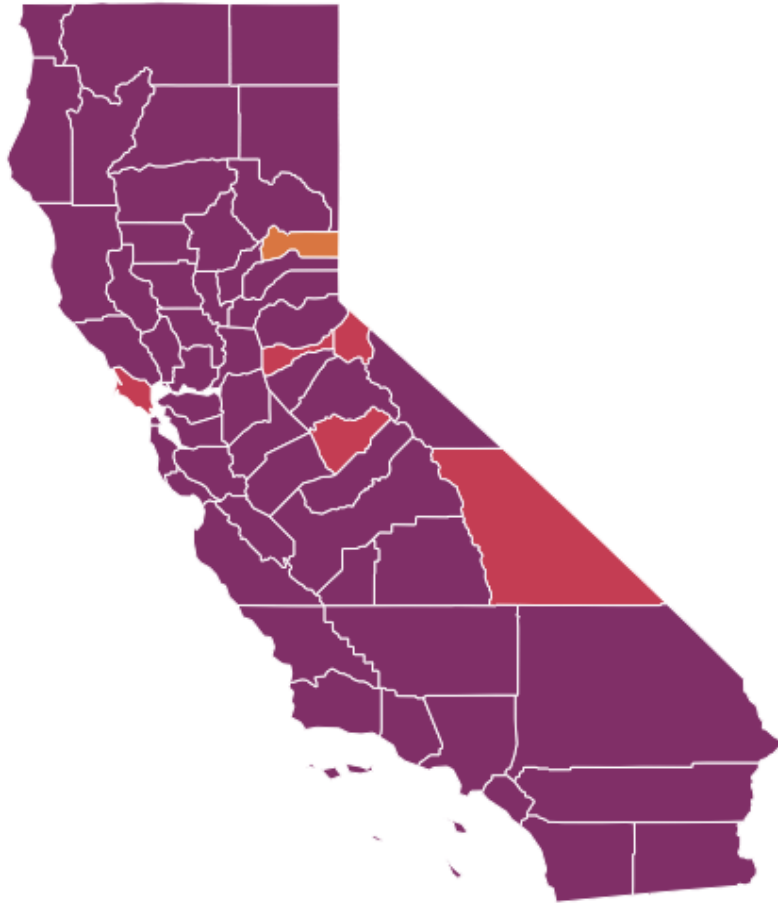
Statewide metrics

30.2 New COVID-19 positive cases per day per 100K

6.4% Positivity rate

Find a county

Highlight County 🔍

🖐 Click on the map for updated metrics

	Counties	Population	% CA Population
■ Widespread	52	39,789,349	▬▬▬▬▬▬▬▬ 99.2%
▎ Substantial	5	336,696	▏ 0.8%
▎ Moderate	1	3,115	▏ 0.0%

	Higher Risk ⟶ Lower Risk of Community Disease Transmission			
Measure*	**Widespread** Tier 1	**Substantial** Tier 2	**Moderate** Tier 3	**Minimal** Tier 4
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%

Guidance Documents: Coronavirus Disease 2019 (COVID-19)
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx

- Blueprint for a Safer Economy 12/01/2020

  - Proyecto para una economía más segura 11/16/2020

- Use of Temporary Structures for Outdoor Business Operations 11/25/2020

- Limited Stay At Home Order 11/19/2020

  - Limited Stay At Home Order FAQ 11/19/2020

- Guidance on Face Shields 11/17/2020

  - Protector facial Preguntas frecuentes 11/17/2020

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

State Officials Announce Latest COVID-19 Facts

December 1, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

November 30, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

State Officials Announce Latest COVID-19 Facts

November 29, 2020 - The California Department of Public Health (CDPH) today announced the most recent statistics on COVID-19.

Riverside County Data

RUHS Public Health News:

- COVID-19 Vaccination Phases - November 23, 202
- Health officials urge Riverside County residents to keep holiday gatherings 'Smaller, Shorter, Safer' English / Spanish- October 29, 2020
- MSJC Teams with County Public Health to Provide Free COVID-19 Testing - November 12, 2020

Dashboard -Click here for more detailed city/community data and reports
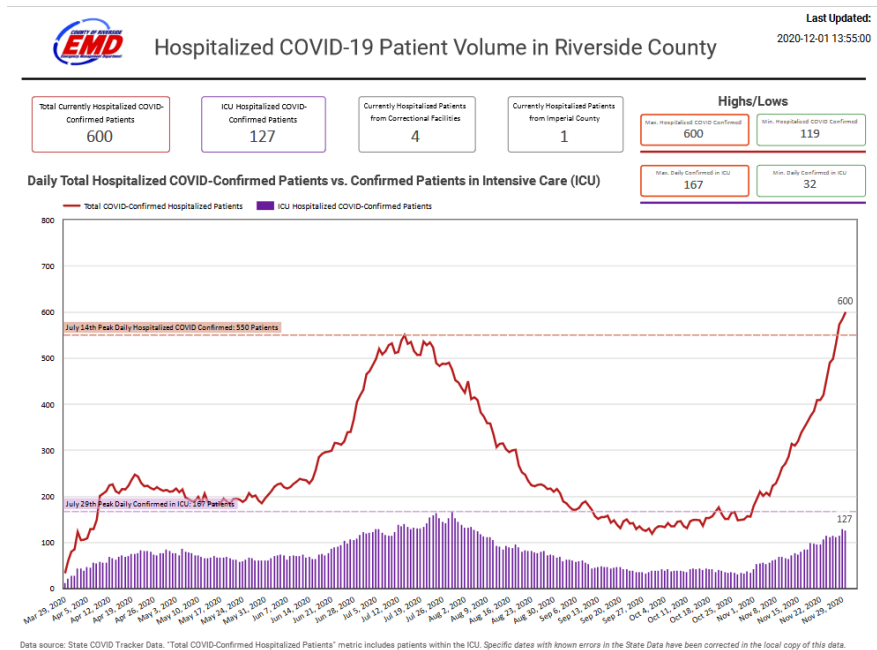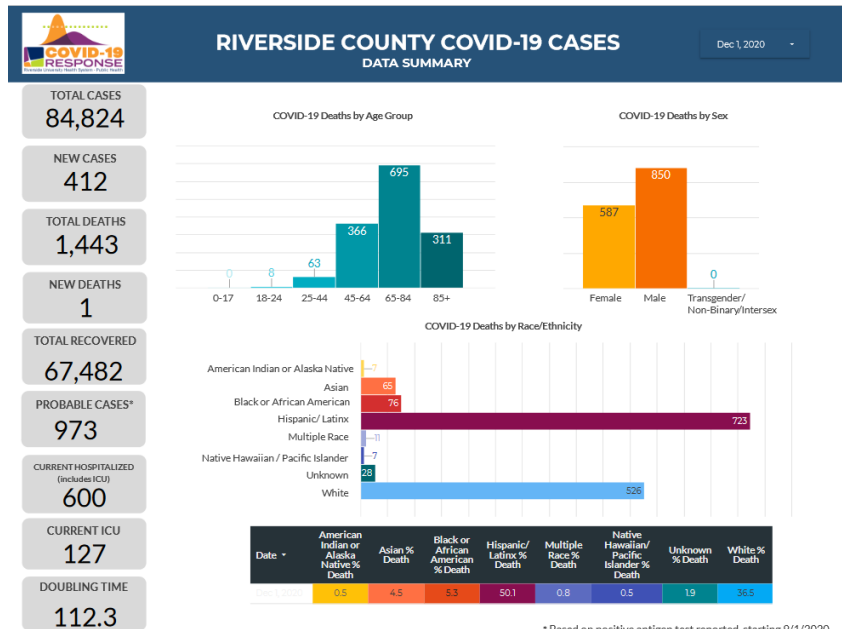
Need Food Access – Click here

Daily Epidemiology Summary updated 12-01-2020
https://rivcoph.org/Portals/0/Documents/CoronaVirus/December/12.1.20%20External%20Daily_COVID-19_Updates.pdf?ver=2020-12-01-130928-600&timestamp=1606857157557

Licensed Hospital/ICU Beds Utilization Trends updated 11-30-2020
https://rivcoph.org/Portals/0/Documents/CoronaVirus/December/Dashboard/EMD_COVID-19_Metrics_Public_Dashboard_12-1-2020.pdf?ver=2020-12-01-170037-487&timestamp=1606870840583

Total Tests	Confirmed	Currently Hospitalized	Deaths	Recovered
1,122,035	84,824	600 (Includes 127 in ICU)	1,443	67,482

Current County Risk Level	Current Adjusted Case Rate per 100K	Positivity Rate	Information on State Reopening Metrics	Detailed Community Data and Reports
WIDESPREAD Many non-essential indoor business operations are closed	21.2 For State Tier Assignment	7.7% State-Calculated	Here	Here

RIVERSIDE COUNTY COVID-19 CASES — DATA SUMMARY — Dec 1, 2020

TOTAL CASES 84,824
NEW CASES 412
TOTAL DEATHS 1,443
NEW DEATHS 1
TOTAL RECOVERED 67,482
PROBABLE CASES* 973
CURRENT HOSPITALIZED (includes ICU) 600
CURRENT ICU 127
DOUBLING TIME 112.3

* Based on positive antigen test reported, starting 9/1/2020

Hospitalized COVID-19 Patient Volume in Riverside County — Last Updated: 2020-12-01 13:55:00

Total Currently Hospitalized COVID-Confirmed Patients 600
ICU Hospitalized COVID-Confirmed Patients 127
Currently Hospitalized Patients from Correctional Facilities 4
Currently Hospitalized Patients from Imperial County 1

Highs/Lows: Max. Hospitalized COVID Confirmed 600; Min. Hospitalized COVID Confirmed 119; Max. Daily Confirmed in ICU 167; Min. Daily Confirmed in ICU 32
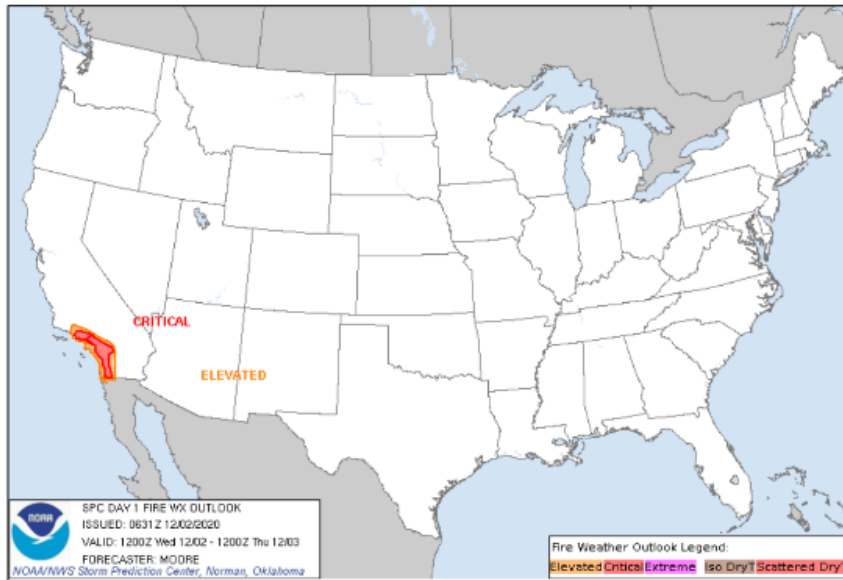
Weather

National Weather Service
San Diego, California

Weather Threats Outlook
1:00 PM PST Tuesday, December 1, 2020

County	Zone	Tue 12/1	Wed 12/2	Thu 12/3	Fri 12/4	Sat 12/4	Sun 12/5	Mon 12/6
San Diego	Beach/Marine	None	None	Elevated Surf Breezy	Elevated Surf Breezy	None	None	None
	Coast	None	None	Fire Weather Breezy	Fire Weather Breezy	None	None	None
	Valleys	Fire Weather	Fire Weather Breezy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
	Mountains	Fire Weather	Fire Weather Windy	Fire Weather Windy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather
	Deserts	None	None	None	None	None	None	None
Orange	Beach	None	None	Elevated Surf Breezy	Elevated Surf Breezy	None	None	None
	Coast	None	Fire Weather	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	None	None
	Inland	Fire Weather	Fire Weather Breezy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
	Mountains	Fire Weather	Fire Weather Windy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
Riverside	Inland Empire	Fire Weather	Fire Weather Breezy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
	Mountains	Fire Weather	Fire Weather Windy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
	Desert	None	Breezy	Breezy	Breezy	Breezy	None	None
San Bernardino	Inland Empire	Fire Weather	Fire Weather Breezy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
	Mountains	Fire Weather Breezy	Fire Weather Windy	Fire Weather Windy	Fire Weather Breezy	Fire Weather Breezy	Fire Weather	Fire Weather
	Desert	None	None	None	Cold AM	None	None	None

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#

Fire Weather Outlook

Today

SPC DAY 1 FIRE WX OUTLOOK
ISSUED: 0631Z 12/02/2020
VALID: 1200Z Wed 12/02 - 1200Z Thu 12/03
FORECASTER: MOORE
NOAA/NWS Storm Prediction Center, Norman, Oklahoma

Fire Weather Outlook Legend:
Elevated Critical Extreme | Iso DryT Scattered DryT

Tomorrow

SPC DAY 2 FIRE WX OUTLOOK
ISSUED: 0800Z 12/02/2020
VALID: 1200Z Thu 12/03 - 1200Z Fri 12/04
FORECASTER: MOORE
NOAA/NWS Storm Prediction Center, Norman, Oklahoma

Fire Weather Outlook Legend:
Elevated Critical Extreme | Iso DryT Scattered DryT

Space Weather Summary/Outlook

Space Weather Type	Past 48 Hours	Forecast: Dec 2	Forecast: Dec 3
Solar Flare (Radio Blackout) | R Scale	R1	1%	1%
Solar Radiation Storms | S Scale	None	1%	1%
Geomagnetic Storms | G Scale	None	None	None
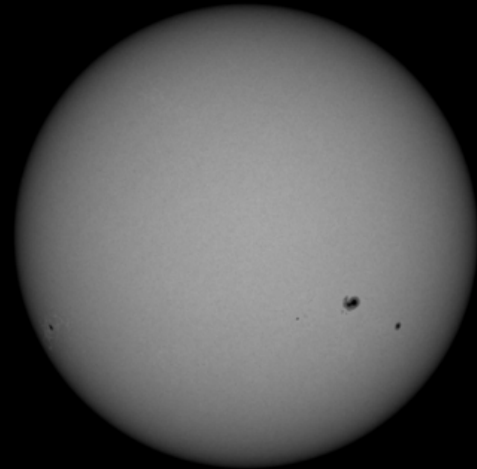
- Slight uptick in activity over the last 2 weeks.
- There are currently 3 spotted groups on the Sun, one of which has a history of producing C and isolated M-class flares.
- R1 (M4.4 flare) was observed on 29 Nov, followed by a CME, which did not effect Earth.
- Quiet across the S and G scales. Currently the solar wind is near background levels and mostly quiet levels are forecasted. Particles are mildly enhanced.

FEMA

National Watch Center