

**Extraordinary Assumptions: There are a lot of different data sources in this report not all of them match but aid to provide an overall picture of the current situation. COVID-19 Data Source Comparison - https://covid-19.splunkforgood.com/covid 19 datasource comparison

Daily Situation Summary Thursday, March 18, 2021 As of 10:00 AM



COVID-19 by the Numbers

COVID-19 by	tile itui	IIDCIS											
3/18/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	281,540	27,143	93,340	1,172,676	247,843	283,980	265,903	19,832	32,556	78,671	3,532,496	29,374,277	120,915,219
New Cases	173	21	74	231	146	165	257	19	27	45	2,441	51,473	511,453
Total Cases Per Capita	11,407	14,163	10,066	11,432	7,677	12,807	7,889	7,112	7,134	9,226	8,803	8,899	1,561
New Cases Per Capita	7.01	10.96	7.98	2.25	4.52	7.44	7.63	6.81	5.92	5.28	6.08	15.59	6.60
Recovered	284,693	24,094	<u>37,634</u>	Not Reported	<u>240,197</u>	284,096	<u>257,883</u>	<u>19,605</u>	32,090	<u>78,968</u>	<u>1,912,237</u>	22,448,224	98,288,429
Total Deaths	3,893	689	1,144	22,527	4,479	4,032	3,462	248	433	916	55,577	534,094	2,674,078
New Deaths	37	5	3	50	-2	28	10	1	2	6	205	990	9,171
Deaths Per Capita	157.73	359.51	123.38	219.61	138.73	181.83	102.72	88.93	94.88	107.42	138.50	161.80	34.53
% of State's Cases	7.97%	0.77%	2.64%	33.20%	7.02%	8.04%	7.53%	0.56%	0.92%	2.23%	12.03%	24.29%	
Currently in Hospitals	190	16	100	861	199	186	281	6	42	70	3,025		
Total Hospital Beds	3,235	234	1,178	19,206	5,746	3,543	6,458	460	603	1,157	65,466		
Currently in ICU	43	7	25	260	54	42	83	0	14	17	784		
ICU Beds Available	101	6	42	627	255	159	273	23	25	46	2,217		
Case Fatality Rate	1.38%	2.54%	1.23%	1.92%	1.81%	1.42%	1.30%	1.25%	1.33%	1.16%	1.57%	1.82%	2.21%
COVID Tests Daily	2,219	84	533	59,894	2,937	1,689	-389	139	262	250	88,299		
Total COVID Tests	1,991,701	162,730	674,448	23,343,769	2,756,089	2,120,245	3,244,544	238,662	344,009	1,056,778	50,687,603		
Population*	2,468,145	191,649	927,251	10,257,557	3,228,519	2,217,398	3,370,418	278,862	456,373	852,747	40,129,160	330,100,590	7,745,123,000
% of Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	0.69%	1.14%	2.13%	1.07%	0.3793%	

Sources: CDPH, WHO, CDC, Local County Data

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 from State Database Blueprint Data Chart 12-15-20 & census.gov . Presumptive active cases - A calculation (Total Cases - Recovered - Dead) (* LA County does not report recovery rates)

News

US Data

State Data

More detail on page 2

More detail on page 4

More detail on page 12

Riverside County Data

Weather

More detail on page 15

More detail on page 17

Prepared by Justin Czerniak justin.czerniak@norcocollege.edu

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.

Fauci warns that we're in 'a race between the vaccine and the virus'

- More people are dying now of the coronavirus in Europe than they were a year ago, when the virus first tore through the
 continent. That comes amid a surge in new cases in Europe fueled by more contagious variants, the World Health
 Organization said Thursday.
- In the United States, the nation's top infectious-disease expert expressed worry that what's happening in Europe could preview what's to come if the virus spreads unchecked. The United States is seeing some hot spots emerge after weeks of declining deaths and hospitalizations, as experts warn against rushing too quickly to return to normal life. Anthony S. Fauci called it a "race between the vaccine and the virus."
- "I don't want to just be a worry wart," Fauci said, but added: "This is what happens when you plateau and start to inch up. History has shown us through three surges that we've had that that's what happens."

 https://www.washingtonpost.com/nation/2021/03/18/coronavirus-covid-live-updates-us/

US jobless claims rise to 770,000 with layoffs still high

- The number of Americans seeking unemployment benefits rose last week to 770,000, a sign that layoffs remain high even as much of the U.S. economy is steadily recovering from the coronavirus recession.
- Thursday's report from the Labor Department showed that jobless claims climbed from 725,000 the week before. The numbers have dropped sharply since the depths of the recession last spring but still show that employers in some industries continue to lay off workers. Before the pandemic struck, applications for unemployment aid had never topped 700,000 in any one week.
- The four-week average of claims, which smooths out weekly variations, dropped to 746,000, the lowest since late November. A total of 4.1 million people are continuing to collect traditional state unemployment benefits, down 18,000 from the previous week

https://apnews.com/article/us-unemployment-claims-rise-770k-layoffs-still-high-40a5f3197afc864c29072506f8857faa

First baby in U.S. born with antibodies against COVID-19 after mom receives dose of Moderna vaccine while pregnant

- At 36 weeks pregnant, a South Florida frontline health care worker received her first shot of the Moderna COVID-19 vaccine. She gave birth three weeks later to a healthy baby girl with COVID-19 antibodies.
- Doctors believe the newborn marks the first known case of a baby born with coronavirus antibodies in the U.S., which may offer her some protection against the virus.
- "We have demonstrated that SARS-CoV-2 IgG antibodies are detectable in a newborn's cord blood sample after only a single dose of the Moderna COVID-19 vaccine," they concluded. "Thus, there is potential for protection and infection risk reduction from Sars-CoV-2 with maternal vaccination."
- The doctors emphasize, however, that more research is needed to <u>verify the safety and efficacy</u> of the <u>coronavirus vaccines</u> <u>during pregnancy</u>.

https://www.cbsnews.com/news/covid-vaccine-moderna-baby-born-antibodies/

COVID-19 shots becoming available to many over 18 in Wyoming

- Shots of COVID-19 vaccine are now available or soon will be for anybody over 18 in almost one-third of Wyoming's counties.
- Vaccines are now widely available or about to be in eight of Wyoming's 23 counties: Campbell, Converse, Fremont, Hot Springs, Johnson, Sheridan, Washakie and Weston, Wyoming Department of Health spokeswoman Kim Deti said Thursday. https://apnews.com/article/public-health-sheridan-gillette-health-wyoming-ab39e17b54f0d4934198e2eaed208be7

Why you shouldn't use those hand dryers in public bathrooms

- Hand-washing always has been important, and the pandemic further magnified its crucial role in helping stop the spread of germs. But a new study also suggests the method used for drying hands can be just as important to public health.
- The use of high-speed hand dryers can transfer germs to a person's clothing and lead to an increase in spreading those contaminants to other surfaces, according to the pilot study published Wednesday in "Infection Control & Hospital Epidemiology."
- Volunteers in the study took part in an experiment in which they dried their hands with either a hand dryer or paper towels while wearing an apron to test if any contaminants were spread to their clothing. They then took varied paths around a hospital and touched commonly used surfaces.
- Levels of germs spread to the surfaces touched by volunteers were 10 times higher after hands were dried with the dryer than with paper towels. And there were greater transfers of bacteria to the apron when the volunteers used the dryer, which further contributed to the spread of germs.
 https://www.usatodav.com/storv/news/health/2021/03/17/hand-dryers-spread-germs-more-than-using-paper-towels-study-find/4731299001/

John F. Kennedy Middle College High School (JFKMCHS) utilized creative messaging strategies to welcome students back to a new school environment.

- JFK Middle College High School will reopen on Monday the 22nd for In person classes.
- Classes are Monday through Thursday and broken into two cohorts (AM and PM). With remote instruction on Friday.
 Video https://www.youtube.com/watch?v=n7kV6qoK3p0
 Safety Plan https://www.cnusd.k12.ca.us/cms/One.aspx?portalId=211960&pageId=30615691



United States COVID-19 Cases and Deaths by State

Reported to the CDC since January 21, 2020

TOTAL CASES

29,374,758

+51,954 New Cases

7-DAY CASE RATE PER 100,000

114.8

TOTAL DEATHS

534,099

+995 New Deaths

CDC | Updated: Mar 17 2021 1:37PM

COVID-19 Vaccinations in the United States

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

Total Vaccine Doses

Delivered 147,590,615

Administered 113,037,627

Learn more about the distribution of vaccines.

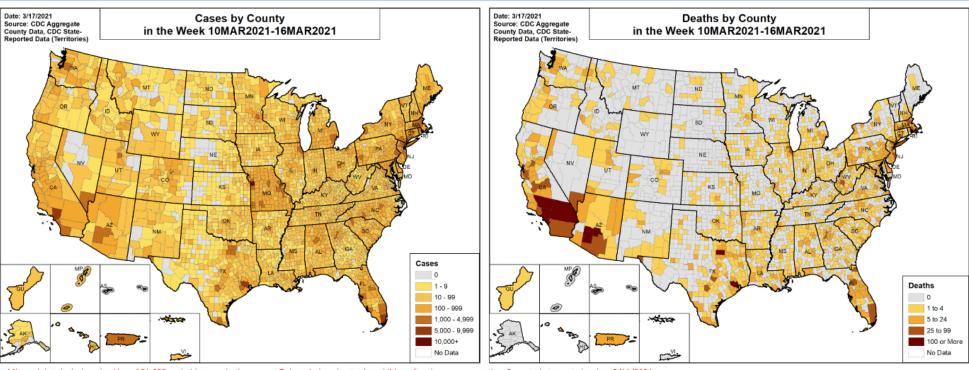
People Vaccinated	At Least One Dose	Fully Vaccinated
Total	73,669,956	39,989,196
% of Total Population	22.2%	1296
Population ≥ 18 Years of Age	73,510,051	39,937,436
% of Population ≥ 18 Years of Age	28.5%	15.5%
Population ≥ 65 Years of Age	35,784,219	20,549,637
% of Population ≥ 65 Years of Age	65.4%	37.6%
Read more about how these data are reported.		

CDC | Data as of: Mar 17 2021 6:00am ET | Posted: Mar 17 2021 1:37PM ET

NUMBER OF NEW CASES AND DEATHS IN THE LAST 7 DAYS

Total Cumulative Cases: 29,374,277
New Cases in Last 7 Days: 380,470
Percent Change from Previous 7 Days: -20.2%

Total Cumulative Deaths: 534,094
New Deaths in Last 7 Days: 7,773
Percent Change from Previous 7 Days: -28.7%



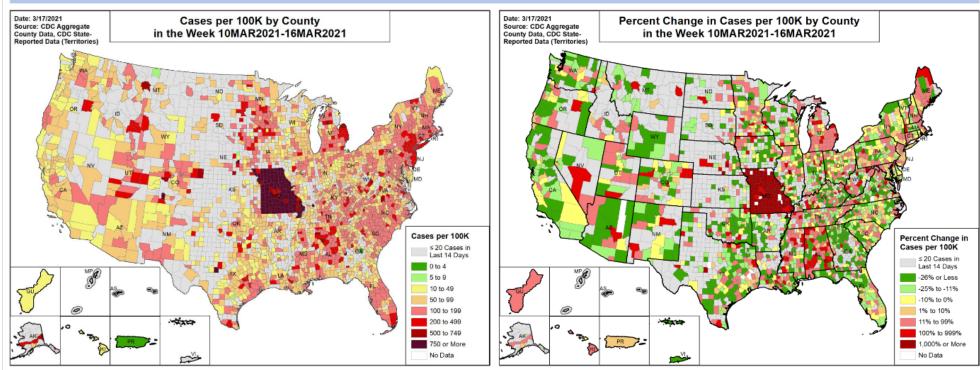
Missouri data includes a backlog of 81,608 probable cases in the current 7-day window due to the addition of antigen case reporting. Reported at county level on 3/11/2021.



CASE INCIDENCE IN LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Incidence Rate in the Last 7 Days: 114.6 per 100,000

Percent Change from Previous 7 Days: -20.2%

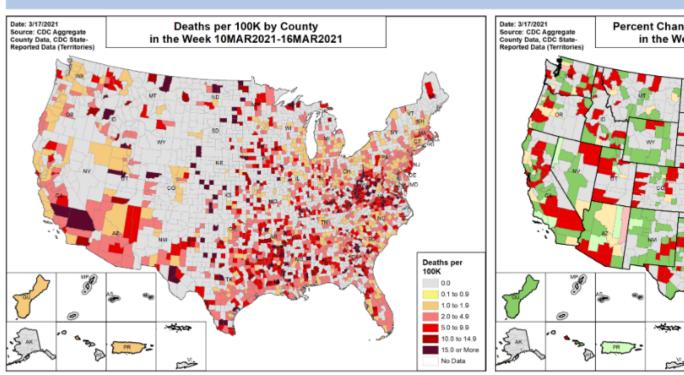


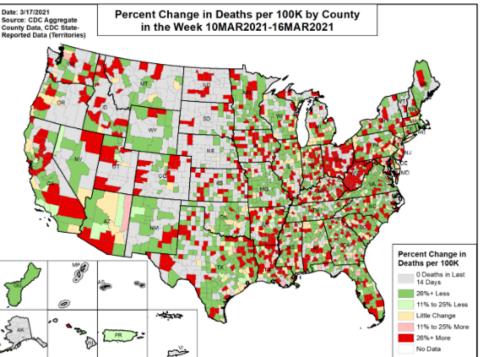
Missouri data includes a backlog of 81,608 probable cases in the current 7-day window due to the addition of antigen case reporting. Reported at county level on 3/11/2021.

MORTALITY RATE IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Mortality Rate in the Last 7 Days: 2.3 deaths per 100,000

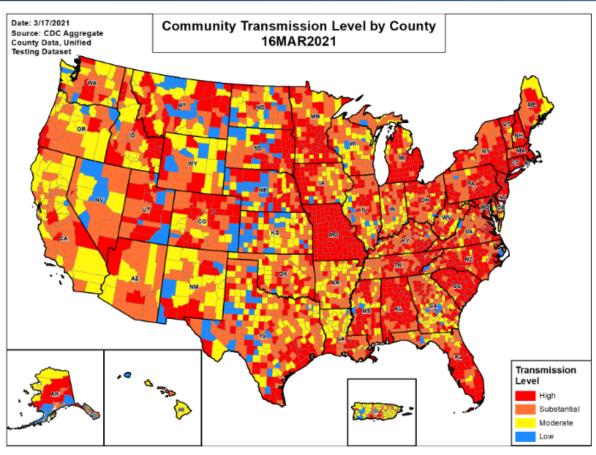
Percent Change from Previous 7 Days: -28.7%





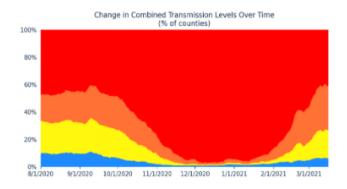


COMMUNITY TRANSMISSION LEVEL



Counties by Community Transmission Indicator							
Cases per 100k	0 to 9	10 to 49	50 to 99	100 +			
# of counties (change)	208 (↓3)	706 (↑16)	1102 (0)	1204 (↓13)			
% of counties (change)	6.5% (↓0.1%)	21.9% (↑0.5%)	34.2% (0.0%)	37.4% (↓0.4%)			
Test Positivity	0.0% to 4.9%	5.0% to 7.9%	8.0% to 9.9%	10.0% +			
# of counties (change)	1970 (↑117)	692 (↓61)	238 (↓20)	320 (↓36)			
% of counties (change)	61.2% (↑3.6%)	21.5% (↓1.9%)	7.4% (↓0.6%)	9.9% (↓1.1%)			

Counties by Combined Transmission Level							
Category	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red			
# of counties (change)	193 (↑6)	665 (↑21)	1036 (个7)	1326 (↓34)			
% of counties (change)	6.0% (↑0.2%)	20.7% (↑0.7%)	32.2% (↑0.2%)	41.2% (↓1.1%)			



Source: CDC Aggregate County Dataset (cases), Unified Testing Dataset (tests)

Notes: Combined Transmission Level is the higher threshold among cases and testing thresholds.

Missouri data includes a backlog of 81,608 probable cases in the current 7-day window due to the addition of antigen case reporting. Reported at county level on 3/11/2021.



TRENDS IN CASE INCIDENCE DURING THE LAST 8 WEEKS



Case incidence categories

(based on cases per 100,000 population in the last 7 days)

4 or less
5-9
10 - 49
50 - 99
100 - 199
200 or more

Weekly % change categories

(arrow based on % change in weekly cases)

-26% or less	4
-25%11%	4
-10% - 0%	
+1% - +10%	7
+11% - +25%	1
+26% or more	1

Figure depicts average case incidence for each state and region over the 8-week period of 1/20-3/16. Vertical axis ranges from 0 to 1,539 cases per 100,000 population (7 day total).

Source: CDC state-reported data. See Data Sources/Methods slides for additional details.



CDC What's New

https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html

- 3/18/21Notes from the Field: SARS-CoV-2 Transmission Associated with High School Football Team Members Florida, September-October 2020
- 3/18/21Minimal SARS-CoV-2 Transmission After Implementation of a Comprehensive Mitigation Strategy at a School New Jersey, August 20-November 27, 2020
- 3/18/21 Association of Children's Mode of School Instruction with Child and Parent Experiences and Well-Being During the COVID-19 Pandemic - COVID Experiences Survey, United States, October 8-November 13, 2020
- 3/18/21Effectiveness of the Pfizer-BioNTech COVID-19 Vaccine Among Residents of Two Skilled Nursing Facilities Experiencing COVID-19 Outbreaks - Connecticut, December 2020-February 2021
- 3/18/21COVID-19 Vaccine Second-Dose Completion and Interval Between First and Second Doses Among Vaccinated Persons -United States, December 14, 2020-February 14, 2021
- 3/18/21Racial and Ethnic Disparities in COVID-19 Incidence by Age, Sex, and Period Among Persons Aged <25 Years 16 U.S. Jurisdictions, January 1-December 31, 2020
- 3/17/21Staffing Resources
- 3/17/21COVID-19 Vaccine Communication Toolkit for Community-Based Organizations: Getting Started
- 3/17/21COVID-19 Vaccinations
- 3/17/21Holiday Tips
- 3/17/21Test for Current Infection
- 3/17/21CDC Announces \$2.25 Billion to Address COVID-19 Health Disparities in Communities that are at High-Risk and Underserved
- 3/17/21Cases in the U.S.
- 3/17/21EARLY RELEASE: County-Level COVID-19 Vaccination Coverage and Social Vulnerability United States, December 14, 2020-March 1, 2021
- 3/17/21Overall US COVID-19 Vaccine Distribution and Administration Update as of Wed, 17 Mar 2021 06:00:00 EST
- 3/16/21<u>Cases in the U.S.</u>
- 3/16/21Reporting COVID-19 Vaccinations in the United States
- 3/16/21Reporting Trends in Number of COVID-19 Vaccinations
- 3/16/21Variant Proportions in the U.S.
- 3/16/21How to talk about COVID-19 vaccines with friends and family
- 3/16/21About COVID-19 Vaccine Delivered and Administration Data
- 3/16/21Reporting COVID-19 Vaccination Data for Long-Term Care Facilities
- 3/16/21How COVID-19 Vaccines Get to You
- 3/16/21 Things to Know about the COVID-19 Pandemic
- 3/16/21COVID-19 in Children and Teens

3/16/21Previous COVID-19 Forecasts: Cases

CDC Guidance

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

Operational Considerations for Community Isolation Centers for COVID-19 in Low-Resource Settings

This document describes how to set up a Community Isolation Center for COVID-19 patients who are not able to isolate at home, but may not be ill enough to be hospitalized. This document is to be used in global settings, not in the US. Date: 3/17/21

Guidance for Large or Extended Families Living in the Same Household [2 MB, 10 pages] icon

Guidance for Large or Extended Families Living in the Same Household Date: 3/17/21

Screening K-12 Students for Symptoms of COVID-19: Limitations and Considerations

Provides guidance to K-12 schools on how to screen for COVID-19 symptoms as part of reopening schools in fall 2020. Date: 3/16/21

Interim Guidance for SARS-CoV-2 Testing in Correctional and Detention Facilities

This document is intended to provide considerations on the appropriate use of testing and does not dictate the determination of payment decisions or insurance coverage of such testing, except as may be otherwise referenced (or prescribed) by another entity or federal or state agency. Date: 3/16/21

Interim Guidance for SARS-CoV-2 Testing in Non-Healthcare Workplaces

The purpose of this document is to provide employers with strategies for consideration of incorporating testing for SARS-CoV-2, the virus that causes COVID-19, into a workplace COVID-19 preparedness, response, and control plan. Date: 3/16/21

Interim Guidance for SARS-CoV-2 Testing in Homeless Shelters and Encampments

Testing Considerations in Homeless Shelters & Encampments Date: 3/16/21

Interim Guidance for SARS-CoV-2 Testing and Screening at Institutions of Higher Education (IHEs)

Monitor and evaluate wearing masks as a community mitigation strategy for COVID-19 with CDC's action guide. Date: 3/16/21

Overview of Testing for SARS-CoV-2 (COVID-19)

Summary of considerations and current CDC recommendations regarding SARS-CoV-2 testing. Date: 3/16/21

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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#
https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/CovidDataAndTools.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

Safe Schools for All

https://schools.covid19.ca.gov/



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

Data models

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

Cal/OSHA

https://www.dir.ca.gov/dosh/

Vaccines

https://covid19.ca.gov/vaccines/https://myturn.ca.gov/

SEE THE NUMBERS

Tracking COVID-19

As of March 18, California has 3,535,534 confirmed cases of COVID-19, resulting in 55,795 deaths.

 Cases
 Deaths
 Tests
 Vaccines Administered

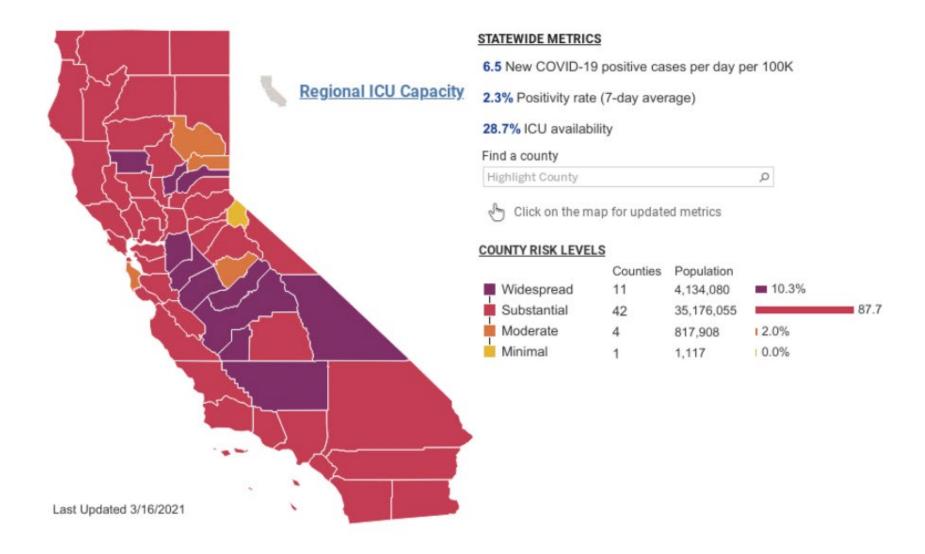
 3,535,534 Total
 55,795 Total
 51,601,716 Total
 13,382,046 Total

 3,038 Today
 218 Today
 109,227 Today

√y 5.9 New cases per 100K
√y 0.1 New deaths per 100K
√y 2.0% Test positivity

Updated March 18, 2021 at 10:00 AM with data from March 17, 2021

https://covid19.ca.gov/state-dashboard/#top





COVID-19: Vaccine Dashboard

Statewide

13,382,046 (77.7%) Doses administered



231,968 Average doses per day

4,361,910 (13.5%) People partially vaccinated 4,650,814 (14.4%) People fully vaccinated



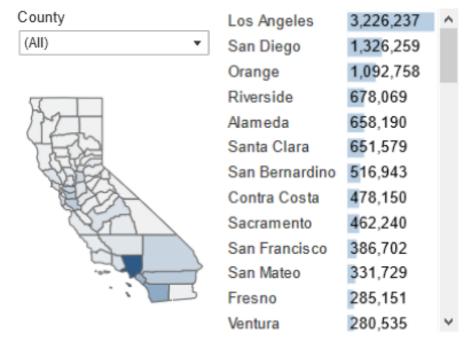
2,317,907 Doses on hand (10 days of inventory)



17,213,150 Doses Delivered

2,363,990 CDC Pharmacy Doses Delivered

Doses Administered by County of Residence

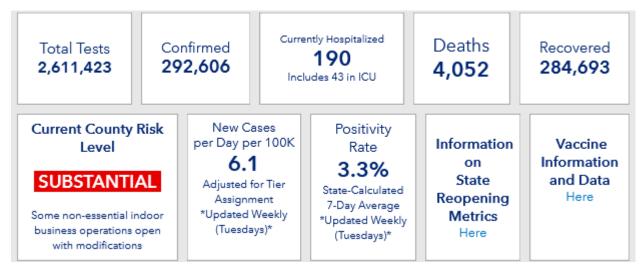


See Data Dictionary for Details.

Note: Doses delivered includes the CDC Long Term Care (LTC) Pharmacy Partnership Program and Federal Retail Pharmacy Partnership Program. This does not include doses delivered to the following federal agencies: Indian Health Service, Veterans Health Administration, Department of Defense, and Federal Bureau of Prisons. The CDC LTC Pharmacy and Federal Retail Pharmacy Partnership Program doses are a subset of the doses delivered.

Data: 3/17/2021 11:59pm | Posted: 3/18/2021





RUHS Public Health News:

- Riverside County advances into state's red reopening tier, paving way for more businesses to return indoors English / Spanish March 16, 2021
- Vaccine Eligibility List March 15, 2021
- Riverside County health officials expand vaccine eligibility to those with underlying health illness English / Spanish March 15, 2021
- More breweries, wineries and distilleries to reopen outdoors in Riverside County English / Spanish March 12, 2021
- Outdoor entertainment, sports with spectators may resume April 1 in Riverside County English / Spanish March 9, 2021
- Riverside County health officials open new COVID19 vaccine site in Moreno Valley English / Spanish March 5, 2021
- Riverside County, Lift to Rise, and Inland SoCal United Way, Announce Applications for Next Round of United Lift Rental Assistance March 5, 2021
- Moderate and high-contact youth and adult sports may now resume in Riverside County English / Spanish / Advisory Letter March 2, 2021
- Changes to COVID-19 vaccination clinics to better serve Riverside County residents English / Spanish March 1, 2021

Dashboard -Click <u>here</u> for more detailed city/community data and reports

Find a testing site

Get tested for #COVID19 with or without medical insurance at no cost to you! Make an appointment here https://gettested.ruhealth.org #RivCoNOW #RUHealth

Need Peer Support -Click here

https://www.ruhealth.org/

Need Prescriptions Delivered Click here

https://www.ruhealth.org/

Daily Epidemiology Summary updated 3-16-2021

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/March2021/Dashboard/4/Public%20Daily COVID-19 Updates%20031621.pdf?ver=2021-03-16-173346-543×tamp=1615941254905

Licensed Hospital/ICU Beds Utilization Trends updated 3-16-2021

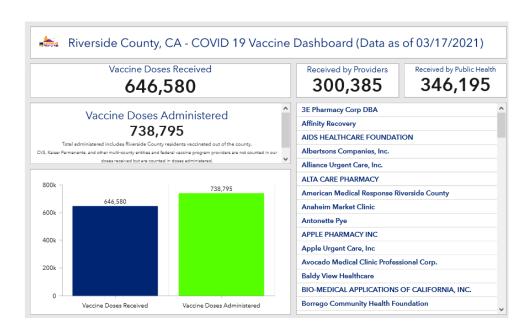
https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/March2021/Dashboard/4/EMD COVID-19 Metrics Public Dashboard 03-16-2021.pdf?ver=2021-03-16-151000-280×tamp=1615932604803



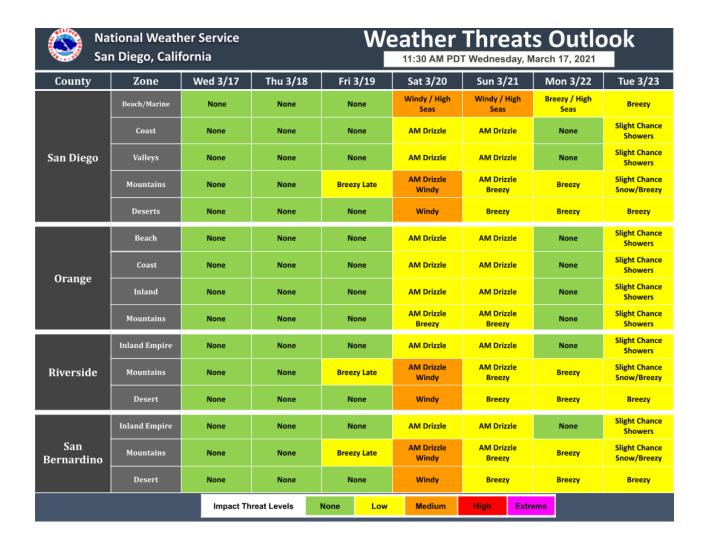
https://www.ruhealth.org/covid-19-vaccine

RUHS Public Health:

- Breakthrough Church vaccine clinic <u>English</u> / <u>Spanish</u> March 09, 2021
- Simpson Center vaccine clinics <u>English</u> / <u>Spanish</u> March 03, 2021
- Sierra Dawn vaccine clinic in Hemet March 08, 2021
- Good Hope Community Center vaccine clinic <u>English</u> / <u>Spanish</u> March 08, 2021
- Trinity Church vaccine clinic in Moreno Valley English / Spanish March 08, 2021
- Simpson Center vaccine clinics <u>English</u> / <u>Spanish</u> March 03, 2021
- Know your vaccine rights February 24, 2021
- COVID-19 Vaccination Plan January 25, 2021
- COVID-19 Vaccine Information English / Spanish Updated January 20, 2020
- Riverside County activates incident management team, plans for regional COVID-19 vaccine supersites English / Spanish January 13, 2021
- COVID Vaccination Clinics for Providers January 6, 2021



Weather



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

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