**Extraordinary Assumptions: There are many different data sources in this report and not all of them match. This document is informational purposes only, the goal is to provide an overall picture of the current situation.

Daily Situation Summary
Friday, October 29, 2021 - Day 597
As of 12:30 PM

COVID-19 by the Numbers

10/29/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	357,590	33,154	124,888	1,424,065	304,119	350,031	370,006	29,042	43,972	97,178	4,646,922	45,759,230	245,373,039
Total Cases Per Capita	14,488	17,299	13,469	13,883	9,420	15,786	10,978	10,414	9,635	11,396	11,580	13,749	3,148
% of Total Cases/Population	14.49%	17.30%	13.47%	13.88%	9.42%	15.79%	10.98%	10.41%	9.64%	11.40%	11.58%	13.75%	3.15%
Recovered**	355,236	29,424	138,768	Not Reported	293,222	344,741	Not Reported	28,446	43,563	95,550	2,546,778	36,571,792	223,409,900
% of total recovered/population	14.39%	15.35%	14.97%	Not Reported	9.08%	15.55%	Not Reported	10.20%	9.55%	11.20%	6.35%	10.99%	2.87%
Total Deaths	5,088	766	337	26,625	5,588	5,777	4,213	341	528	1,174	34,606	741,566	4,979,421
Deaths Per Capita	206.15	399.69	36.34	259.56	173.08	260.53	125.00	122.28	115.69	137.67	86.24	222.81	63.88
% of Total Deaths/Population	0.21%	0.40%	0.04%	0.26%	0.17%	0.26%	0.12%	0.12%	0.12%	0.14%	0.09%	0.22%	0.06%
% of State's Cases	7.70%	0.71%	2.69%	30.65%	6.54%	7.53%	7.96%	0.62%	0.95%	2.09%	10.16%	18.65%	
Currently in Hospitals	220	32	227	630	193	287	288	14	40	48	3,816		
Total Hospital Beds	3,497	236	1,226	19,245	5,972	3,731	6,504	441	614	1,170	66,826		
Currently in ICU	54	8	63	209	49	75	83	5	13	13	984		
ICU Beds Available	79	4	25	555	153	129	197	9	21	30	1,754		
Case Fatality Rate	1.42%	2.31%	0.27%	1.87%	1.84%	1.65%	1.14%	1.17%	1.20%	1.21%	0.74%	1.62%	2.03%
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	332,823,400	7,794,657,000
% of Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	0.69%	1.14%	2.13%	12.06%	4.27%	

Sources: CDPH, WHO, CDC, Local County Data, LA Times

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 .(**Many County sites do not report recovery rates or are only updating once a week)

News	**US Data**	**State Data**	**County of Riverside**	**Weather**	**Air Quality**
More detail on page **2**	More detail on page **7**	More detail on page **25**	More detail on page **28**	More detail on page **31**	More detail on page **31**

News – The collection of news articles are 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.

FDA expected to authorize COVID vaccine for kids ages 5-11 within hours

- ABC News expects the FDA to authorize the Pfizer vaccine for children ages 5 to 11 on Friday, according to people familiar with the agency's planning.
- The exact timing of the announcement is not yet known. CDC Director Dr. Rochelle Walensky is likely to sign off on the panel's recommendations that evening, with vaccinations likely available beginning Nov. 3. for the approximately 28 million U.S. children aged 5 to 11.
- The nation's top health experts though have said that getting more kids vaccinated will be key to managing the pandemic in the U.S. "If we can create a situation where more of these kids are not getting infected, we should be able to drive this pandemic down, which is what we really hope to do, even as we face the cold [weather] and other concerns about whether we might see another surge," Dr. Francis Collins, director of the National Institutes of Health, said Tuesday on "Good Morning America." "We don't want that, and this would be one significant step forward in getting our country really in a better place."
  https://abcnews.go.com/Health/live-updates/coronavirus/?id=80765039#80859821

CDC recommends 4th booster shot for immunocompromised

- The U.S. Centers for Disease Control and Prevention (CDC) said in updated COVID-19 guidelines this week that some immunocompromised people may need a fourth dose of the vaccine.
- The agency wrote that people who are over 18 years old who already received an mRNA COVID-19 vaccine primary series and received an additional mRNA vaccine dose may receive a single COVID-19 booster dose – Pfizer/BioNTech, Moderna or Johnson & Johnson – at least six months following their third mRNA vaccine dose.
- "In such situations, people who are moderately and severely immunocompromised may receive a total of four COVID-19 vaccine doses," the CDC wrote.
- Those who have received two doses of an mRNA vaccine and are moderately or severely immunocompromised, with more than 28 days having passed since the second dose, should receive an additional mRNA dose immediately followed around six months later by a single COVID-19 vaccine booster dose.
- Last week, the agency and U.S. Food and Drug Administration (FDA) gave approval for Americans to mix-and-match COVID-19 booster shots, with Moderna's boosters half the dose that's used for the first two shots.
  https://www.foxnews.com/health/cdc-covid-fourth-booster-dose-immunocompromised-people
  CDC: Considerations for use of a COVID-19 vaccine booster dose
  https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html#considerations-covid19-vax-booster

Stress from COVID-19 pandemic causing millennials to struggle with decision-making: survey
- According to an American Psychological Association survey of "Stress in America," millennials were particularly affected, with nearly 50% of more than 3,000 adult respondents reporting that they are struggling with daily tasks as coronavirus continues to spread. Comparatively, only 37% of Gen Z, 32% of Gen X, 14% of boomers and 3% of older adults reported the same.
- As a result of all of this stress, nearly three-quarters of U.S. adults said they have experienced various health impacts like headaches, feeling overwhelmed. fatigue and changes in sleeping habits.
- Eighty-six percent of millennials reported impacts of stress, closely followed by 84% of Gen Z adults and 77% of Gen Xers. Less than 60% of boomers and older adults said the same.
  https://www.foxnews.com/health/survey-covid-pandemic-millennials-struggle-with-decision-making

COVID-19 side effects could include memory loss, brain fog, researchers find
- In a recent study published last week in the journal JAMA Network Open, Mt. Sinai Health System experts analyzed data from 740 participants – some of whom had contracted the virus and some who had only received a COVID-19 vaccine.
- The average age of the patients – who had no history of dementia – was 49 and 63% were women. The mean time from COVID-19 diagnosis was nearly eight months and the majority of those studied were White.
- In order to measure the prevalence of post-COVID-19 cognitive impairment and its association with the severity of the disease, the team analyzed patient data from April 2020 through May 2021.
- In all, they found that the most prominent cognitive deficits were in both memory encoding and memory recall, which showed up in 24% and 23% of the participants, respectively.
- Additionally, hospitalized patients were more likely to have impairments in attention, executive functioning, category fluency, memory encoding and memory recall than those in the outpatient group. Those treated in the emergency department were also more likely to have impaired category fluency and memory encoding than those treated in the outpatient setting.
- The researchers said that further studies were needed to identify risk factors, mechanisms underlying cognitive dysfunction and options for rehabilitation.
  https://www.foxnews.com/health/covid-side-effects-could-include-memory-loss-brain-fog-researchers-find
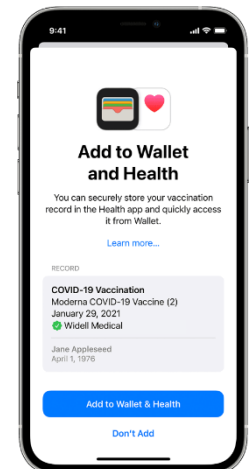 JAMA: https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2785388?utm_source=For_The_Media&utm_medium=referral&utm_campaign=ftm_links&utm_term=102221

You can now add your COVID vaccine card to iPhone's Apple Wallet. Here's how to set it up
- You can now keep a digital version of your COVID-19 vaccine card right in your phone's Apple Wallet.
- On Monday, Apple released iOS 15.1, an update to its operating system for iPhones which will introduce features including SharePlay to share experiences like watching movies directly in FaceTime.
- The update also includes the option for iPhone owners to add their COVID vaccine cards directly in Apple Wallet.
- Users have several options for including their vaccine card to Apple Wallet. If using a QR code, iPhone owners scan it with their camera, tap the Health app notification, then add it to the Wallet and Health apps.
  https://www.usatoday.com/story/tech/2021/10/26/covid-vaccine-card-iphone-apple-wallet/8555239002/
  Apple: https://support.apple.com/en-us/HT212752

As Biden vaccine mandates loom, protests for personal freedoms swell. What happens next?

- Across the nation, employers, government officials, health care workers and other Americans are continuing to push back against COVID-19 vaccine mandates, even as the death toll has climbed to more than 740,000 people. With the Biden administration preparing to enforce nationwide vaccine mandates, they are marching in the street in protest, resigning in mass and demonstrating outside government buildings.
- Protests have ranged from marches in New York City and Chicago to mass resignations of health care workers. Last week, a small group of people supporting Brooklyn Nets player Kyrie Irving — who has refused to get vaccinated despite a mandate from New York City lawmakers — gathered outside Barclays Center and tried to push their way into the arena. And New York City firefighters protested outside Mayor Bill de Blasio's house Thursday.
- Experts said there may be little opponents of vaccine mandate can do: The Supreme Court has already upheld several state and employer vaccination mandates.
- Biden's vaccine mandates are not blanket orders for all Americans, but they cover tens of millions of people, from the 80 million workers at companies with 100 or more workers, to the estimated 17 million employees at hospitals like Cheyenne Regional and nursing homes and other health care facilities receiving federal Medicare or Medicaid payments.
- Millions more executive branch workers and federal contractors, from airlines like Delta and American to defense giants Lockheed Martin Corp. and Raytheon are also covered.
- Some of the mandates permit testing in lieu of vaccination, but many businesses say frequent testing will be so cumbersome as to be effectively unworkable. Biden announced the mandates about six weeks ago, but they have not yet taken effect because federal regulators are still writing the specific rules.
- At the local level, some Democratic governors and mayors have issued their own vaccine mandates for specific populations, including in California, New York and Colorado.
- So is it personal responsibility or government mandate? Will mandates increase vaccination rates. But at what cost?
- It is unclear whether politicians truly oppose vaccine mandates or if they're simply riding a wave of populism, even though polls show the American public generally supports COVID-19 vaccine mandates. For decades, almost every schoolkid in the country has faced mandatory vaccinations for everything from polio to tetanus and diphtheria.
- Thornell, a board member of the Greater Cheyenne Chamber of Commerce, opposes the federal mandate. But he also opposes the efforts by Wyoming legislators to control how he operates his hospital. Several proposals floated by lawmakers would prohibit Thornell from mandating vaccines for his staff or treating unvaccinated workers any differently than those who've had the jab. "As leaders, we need to be responsible and make those tough decisions. I'd rather that be our choice, rather than someone else's choice. Adding more legislation to already bad legislation doesn't help," he said. "Any business, but hospitals especially, should be allowed to choose their own path on whether to mandate vaccinations."
  https://www.usatoday.com/story/news/nation/2021/10/29/biden-vaccine-mandates-loom-protests-personal-freedoms-swell/8539853002/
  Video: Vaccine mandates are nothing new. Here is how they have been used throughout history.
  https://www.usatoday.com/videos/news/justthefaqs/2021/08/31/how-vaccine-mandates-have-been-used-schools-military-covid-19/5670239001/
  RELATED

Florida challenges Biden administration with lawsuit over vaccine rules

- Florida has filed a lawsuit in federal court to block the Biden administration from carrying out a measure to require vaccinations against COVID-19 for federal employees and contractors.
  https://www.theledger.com/story/news/local/2021/10/28/desantis-florida-sues-biden-administration-vaccine-rules/8580453002/

United States COVID-19 Cases and Deaths by State

Maps, charts, and data provided by CDC, updates daily by 8 pm ET[†]

TOTAL CASES	7 DAY CASE RATE PER 100,000	TOTAL DEATHS
45,759,230	143.8	741,566
+73,705 New Cases		+1,091 New Deaths

CDC | Data as of: October 29, 2021 12:51 PM ET. Posted: October 29, 2021 2:30 PM ET

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

COVID-19 Vaccinations in the United States

Total Vaccine Doses

Delivered	514,925,015
Administered	419,020,753

Learn more about the distribution of vaccines.

192.0M
People fully vaccinated

16.7M
People received a booster dose**

	At Least One Dose	Fully Vaccinated	Booster Dose
Vaccinated People		Count	Percent of US Population
Total		220,860,887	66.5%
Population ≥ 12 Years of Age		220,627,819	77.8%
Population ≥ 18 Years of Age		205,709,072	79.7%
Population ≥ 65 Years of Age		52,968,902	96.8%

*For surveillance purposes, COVID Data Tracker counts people as being "fully vaccinated" if they received two doses on different days (regardless of time interval) of the two-dose mRNA series or received one dose of a single-dose vaccine.

**The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses.

ℹ About these data

CDC | Data as of: October 29, 2021 6:00am ET. Posted: Friday, October 29, 2021 2:30 PM ET

NUMBER OF NEW CASES AND DEATHS IN THE LAST 7 DAYS
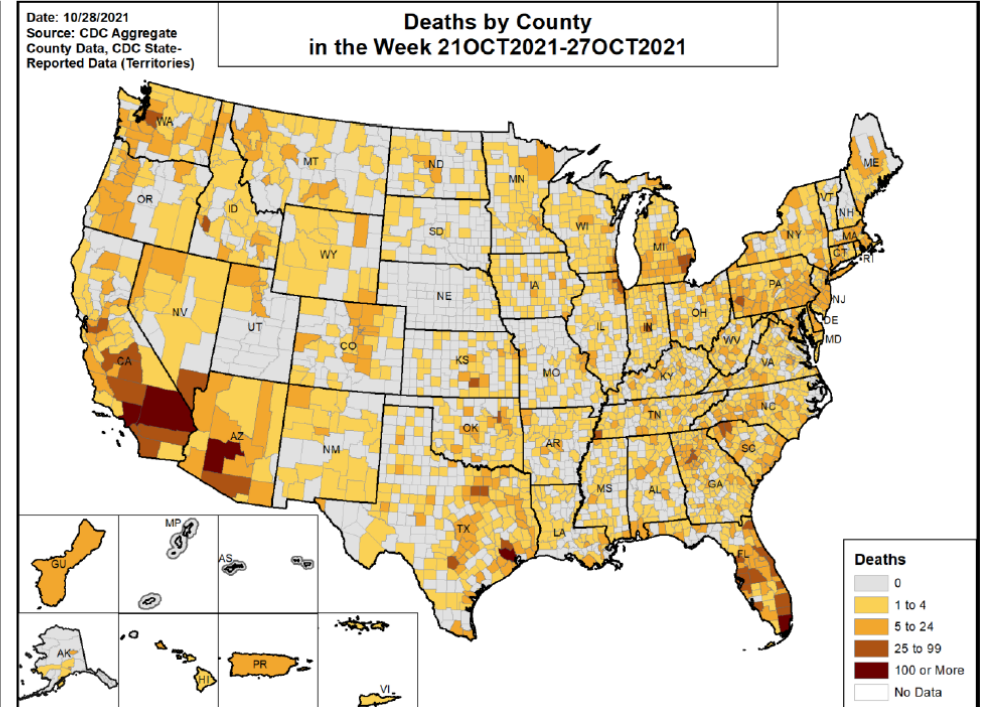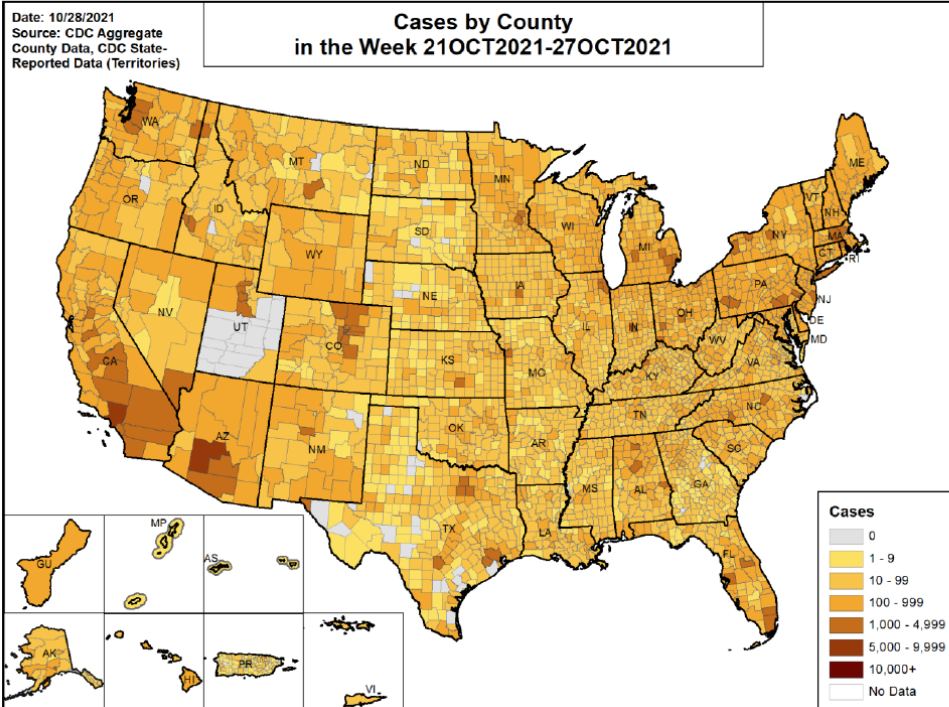
Total Cumulative Cases: 45,655,635
New Cases in Last 7 Days: 481,548
Percent Change from Previous 7 Days: -7.4%

Total Cumulative Deaths: 740,348
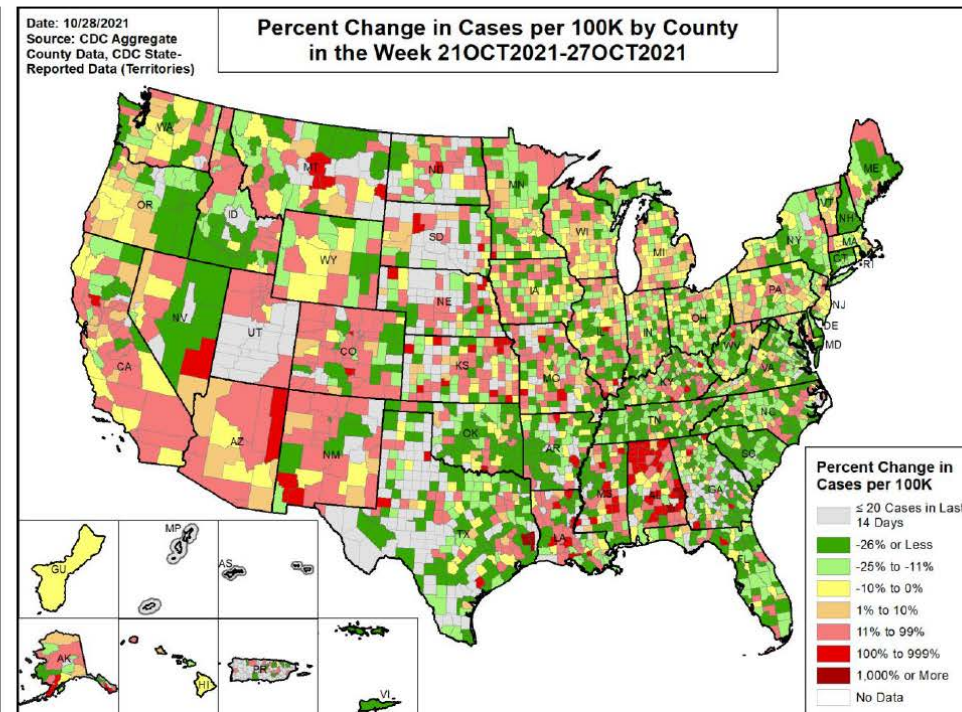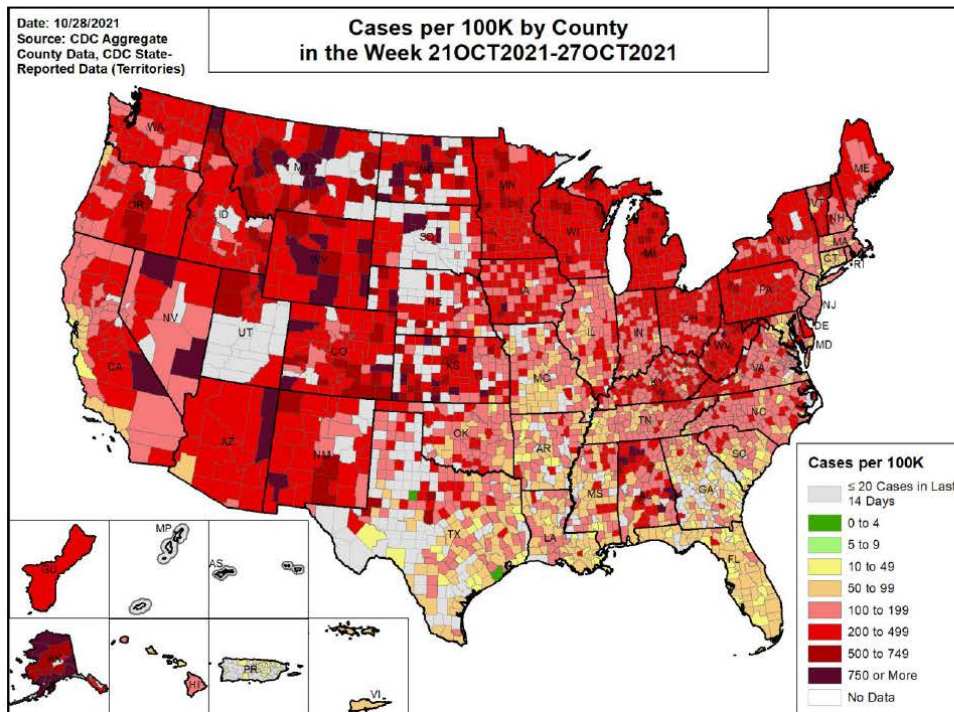**New Deaths in Last 7 Days:** 7,904
Percent Change from Previous 7 Days: -9.4%

Date: 10/28/2021
Source: CDC Aggregate County Data, CDC State-Reported Data (Territories)

Cases by County in the Week 21OCT2021-27OCT2021

Cases
- 0
- 1 - 9
- 10 - 99
- 100 - 999
- 1,000 - 4,999
- 5,000 - 9,999
- 10,000+
- No Data

Date: 10/28/2021
Source: CDC Aggregate County Data, CDC State-Reported Data (Territories)

Deaths by County in the Week 21OCT2021-27OCT2021

Deaths
- 0
- 1 to 4
- 5 to 24
- 25 to 99
- 100 or More
- No Data

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Incidence Rate in the Last 7 Days: 145.0 per 100,000

Percent Change from Previous 7 Days: -7.4%

Date: 10/28/2021
Source: CDC Aggregate County Data, CDC State-Reported Data (Territories)

Cases per 100K by County in the Week 21OCT2021-27OCT2021

Cases per 100K
- ≤ 20 Cases in Last 14 Days
- 0 to 4
- 5 to 9
- 10 to 49
- 50 to 99
- 100 to 199
- 200 to 499
- 500 to 749
- 750 or More
- No Data

Date: 10/28/2021
Source: CDC Aggregate County Data, CDC State-Reported Data (Territories)

Percent Change in Cases per 100K by County in the Week 21OCT2021-27OCT2021

Percent Change in Cases per 100K
- ≤ 20 Cases in Last 14 Days
- -26% or Less
- -25% to -11%
- -10% to 0%
- 1% to 10%
- 11% to 99%
- 100% to 999%
- 1,000% or More
- No Data

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Average Daily Adult ICU COVID-19 Patients over Last 7 Days:
13,310

Percent Change from Previous 7 Days: -10.7%

Date: 10/28/2021
Source: Unified Hospital Dataset

Staffed Adult ICU COVID-19 Utilization
by HSA in the Week 20OCT2021-26OCT2021

ICU COVID Utilization
- 0% to 3%
- 4% to 7%
- 8% to 12%
- 13% to 15%
- 16% to 20%
- 21% to 25%
- 26% to 30%
- 31%+
- No Data

Date: 10/28/2021
Source: Unified Hospital Dataset

Absolute Change in Staffed Adult ICU COVID-19 Utilization
by HSA from 13OCT-19OCT2021 to 20OCT-26OCT2021

Absolute Change in ICU COVID Utilization
- -2% or Less
- -1%
- 0%
- +1%
- +2%
- +3% or More
- No Data

Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Staffed adult ICU COVID-19 utilization indicates average percentage of staffed adult ICU beds occupied by confirmed COVID-19 patients within the given time period. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate. See Data Sources/Methods slides for additional details.

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VACCINATION RATES BY COUNTY

Percent of Population Fully Vaccinated: 57.6%
Percent of Population with at Least 1 Dose: 66.7%

Percent of Population Initiating Vaccination in the Last Week: 0.5%

Percent of county population fully vaccinated
- 0% - 19.9%
- 20% - 29.9%
- 30% - 39.9%
- 40% - 49.9%
- 50% - 59.9%
- 60% - 69.9%
- 70% or More
- No Data

Percent of county population initiating vaccination
- 0.0% to 0.3%
- 0.4% to 0.6%
- 0.7% to 0.9%
- 1.0% to 1.3%
- 1.4% to 1.6%
- 1.7% to 1.9%
- 2.0%+
- No Data
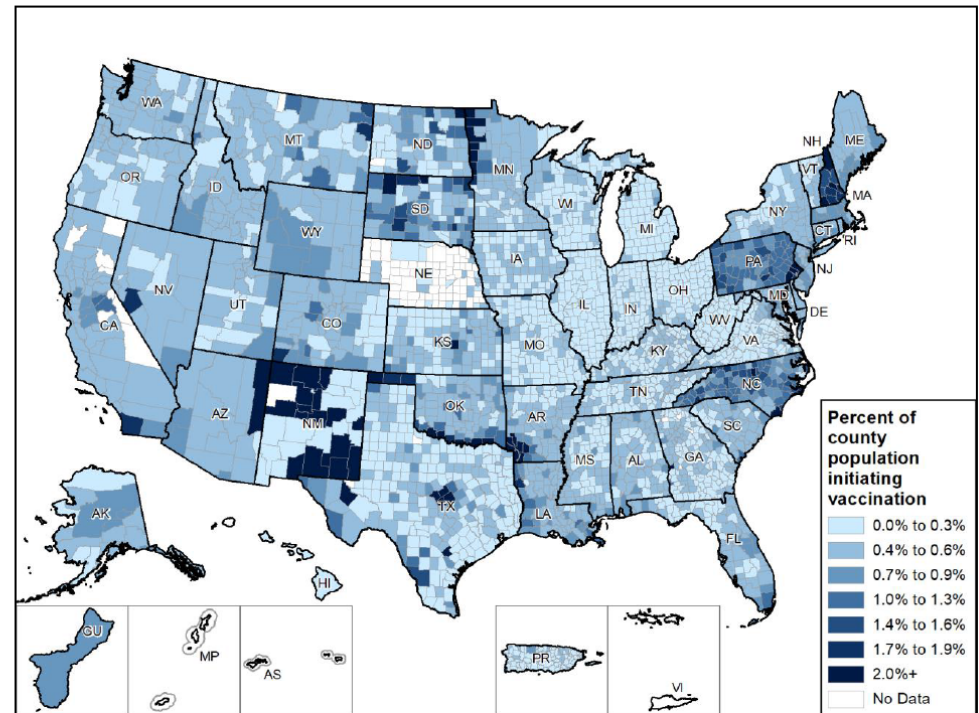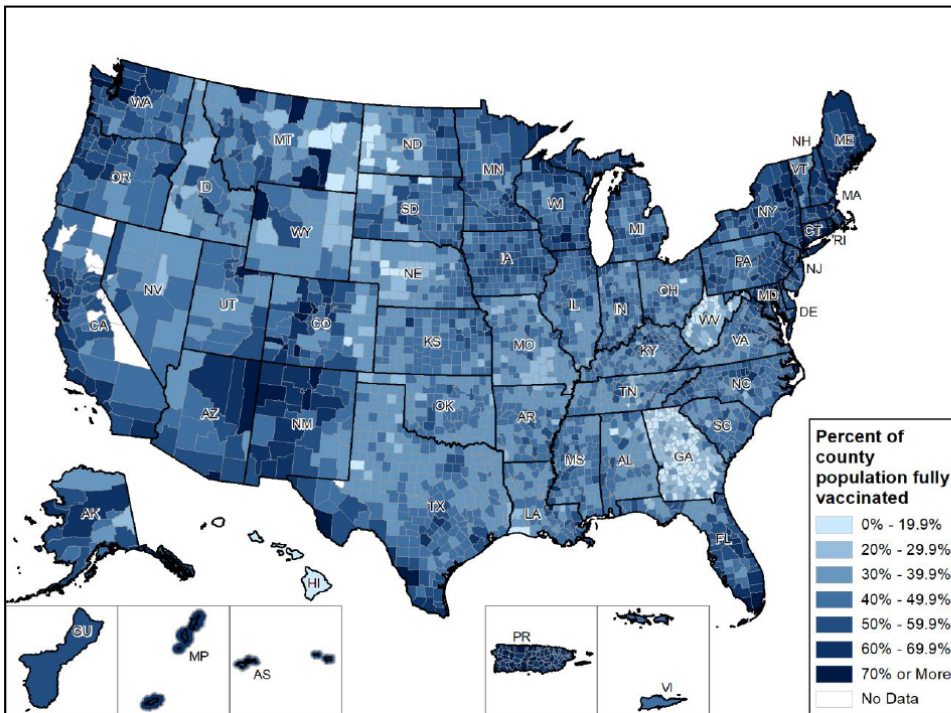
Source: Unified COVID-19 Vaccine Dataset. Fully vaccinated indicates those who received the second dose of Pfizer-BioNTech or Moderna vaccines and those who received one dose of J&J/Janssen COVID-19 vaccine. Initiating vaccination indicates those who have received the first dose of the Pfizer-BioNTech or Moderna vaccines and those who have received a dose of the J&J/Janssen vaccine in the last week. Values reflect total by report date, not administered date. In instances where the number of people fully vaccinated is greater than those with at least one dose for a specific county, the county will have "no data" on the map of population initiating vaccination; see COVID Data Tracker for further information. The following states have ≤80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties and CBSAs: VT (74%), WV (60%), GA (58%), MH (0%), AS (0%), FM (0%), PW (0%), MP (0%).
Idaho provides vaccine data only for vaccine recipients who are 18 years and older, in line with state laws. COVID-19 vaccination administration data are unavailable for the Idaho population aged less than 18 years.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

Date: 10/28/2021
Source: CDC Aggregate County Data, Unified Testing Dataset

Community Transmission Level by County 27OCT2021

Transmission Level
- High
- Substantial
- Moderate
- Low

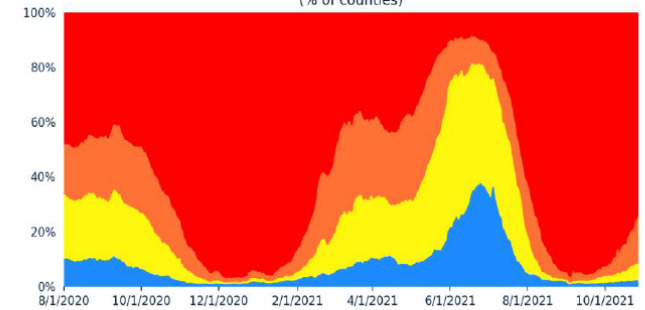### Counties by Community Transmission Indicator

Cases per 100k	0 to 9	10 to 49	50 to 99	100 +
# of counties (change)	87 (↑14)	223 (↑62)	575 (↑147)	2335 (↓223)
% of counties (change)	2.7% (↑0.4%)	6.9% (↑1.9%)	17.9% (↑4.6%)	72.5% (↓6.9%)
Test Positivity	0.0% to 4.9%	5.0% to 7.9%	8.0% to 9.9%	10.0% +
# of counties (change)	1012 (↑195)	704 (↑79)	392 (↓18)	1112 (↓256)
% of counties (change)	31.4% (↑6.1%)	21.9% (↑2.5%)	12.2% (↓0.6%)	34.5% (↓8.0%)

Counties by Combined Transmission Level

Category	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
# of counties (change)	60 (↑14)	203 (↑48)	541 (↑161)	2416 (↓223)
% of counties (change)	1.9% (↑0.4%)	6.3% (↑1.5%)	16.8% (↑5.0%)	75.0% (↓6.9%)
% of population (change)	0.2% (↓0.1%)	4.6% (↑1.2%)	33.9% (↑4.3%)	61.4% (↓5.4%)

Combined Transmission Levels Over Time (% of counties)

Source: CDC Aggregate County Dataset (cases), Unified Testing Dataset (tests)
Notes: Cases data from October 21-27, test positivity data from October 19-25. Combined Transmission Level is the higher threshold among cases and testing thresholds. See Data Sources/Methods slides for additional details.

Prepared by Justin Czerniak
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Level of Community Transmission of COVID-19, by State/Territory

https://covid.cdc.gov/covid-data-tracker/#cases_community
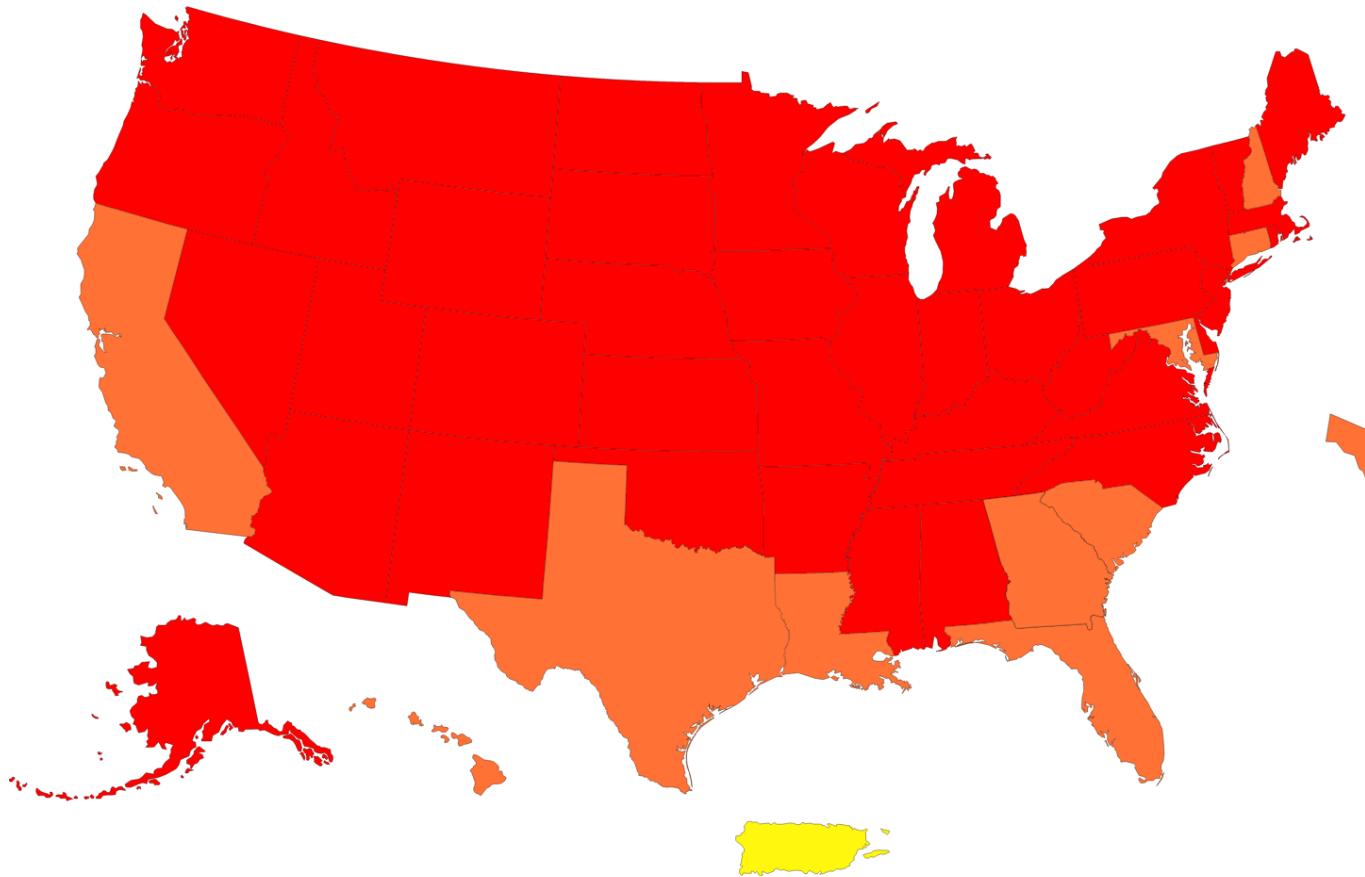
UNITED STATES LEVEL OF COMMUNITY TRANSMISSION	7 DAY CASE RATE PER 100,000	7 DAY PERCENT POSITIVITY
High	143.8	4.95%

CDC | Data as of: October 29, 2021 12:51 PM ET. Posted: October 29, 2021 2:30 PM ET

Territories

| AS | FSM | GU | MP | PW | RMI | VI |

Level of Community Transmission

high ● 　 substantial ● 　 moderate ● 　 low ● 　 no data ●

Variant Proportions

https://covid.cdc.gov/covid-data-tracker/#variant-proportions
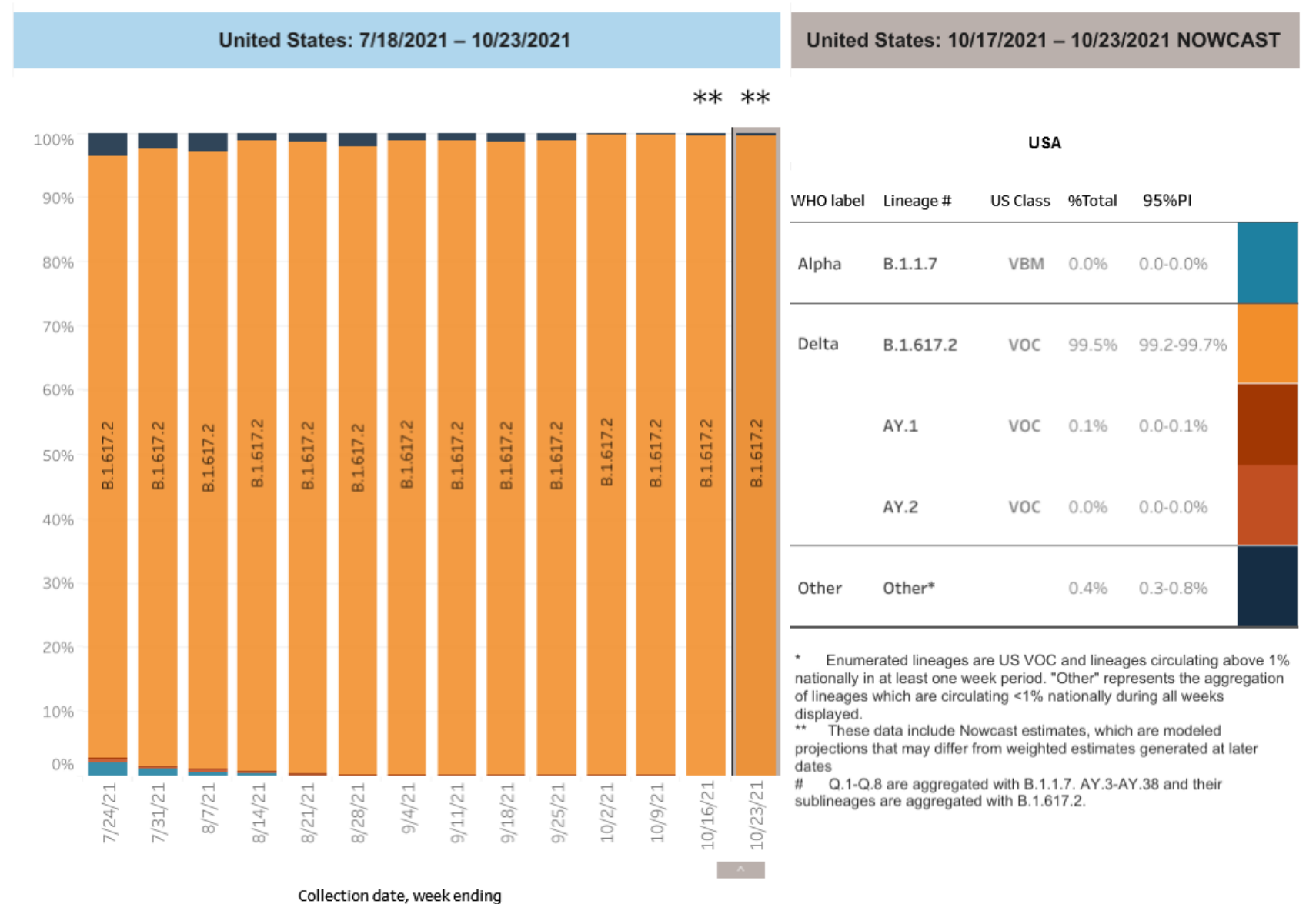
COVID-19 By the Numbers as of 10-18-2021

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

COVID-19 RESPONSE BY THE NUMBERS
As of October 25, 2021

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

9,846 CDC personnel supporting the outbreak response	**50.6+ million** Times people have used CDC's online Coronavirus Self-Checker
1,841 CDC deployers who have conducted **1,146** deployments to **341** cities across the United States and abroad	**1.4+ million** Calls and emails to CDC-INFO
363 COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)	**3.3+ billion** Times people have looked for information on CDC websites
8,791 Documents providing information and guidance for government agencies, businesses, and the public	**4.3+ billion** Social media impressions on **17,221** CDC response-related posts
612+ million COVID-19 tests conducted by public and private laboratories in the United States	**88,807+** Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC
220+ million People who have received at least one dose of a COVID-19 vaccine	**190+ million** People who have been fully vaccinated with a COVID-19 vaccine

cdc.gov/coronavirus

CS316565-A

COVID-19 Science Update

COVID-19 Science Update

https://www.cdc.gov/library/covid19/scienceupdates.html?Sort=Date%3A%3Adesc
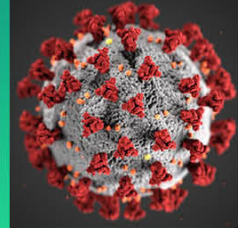
COVID-19 Science Update released: October 22, 2021 Edition 110

COVID-19 Science Update released: October 15, 2021 Edition 109

COVID-19 Science Update released: October 8, 2021 Edition 108

COVID-19 Science Update released: October 1, 2021 Edition 107

COVID-19 Science Update released: September 24, 2021 Edition 106

COVID-19 Science Update released: September 17, 2021 Edition 105

COVID-19 Science Update released: September 10, 2021 Edition 104

COVID-19 Science Update released: August 20, 2021 Edition 103

COVID-19 Science Update released: August 13, 2021 Edition 102

COVID-19 Science Update released: August 6, 2021 Edition 101

COVID-19 Science Update released: July 30, 2021 Edition 100

COVID-19 Science Update released: July 23, 2021 Edition 99

COVID-19 Science Update released: July 16, 2021 Edition 98

COVID-19 Science Update released: July 9, 2021 Edition 97

COVID-19 Science Update released: July 2, 2021 Edition 96

CDC What's New & Updated

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

- 10/29/21 New CDC Study: Vaccination Offers Higher Protection than Previous COVID-19 Infection
- 10/29/21 Cases in the U.S.
- 10/29/21 Overall US COVID-19 Vaccine Distribution and Administration Update as of Fri, 29 Oct 2021 06:00:00 EST
- 10/28/21 Information About Johnson & Johnson□s Janssen COVID-19 Vaccine
- 10/28/21 COVID Data Tracker Weekly Review
- 10/28/21 COVID-19 Vaccination and Non□COVID-19 Mortality Risk □ Seven Integrated Health Care Organizations, United States, December 14, 2020□July 31, 2021
- 10/28/21 Severity of Disease Among Adults Hospitalized with Laboratory-Confirmed COVID-19 Before and During the Period of SARS-CoV-2 B.1.617.2 (Delta) Predominance □ COVID-NET, 14 States, January□August 2021
- 10/27/21 CDC COVID-19 Tests
- 10/27/21 Information about the Moderna COVID-19 Vaccine
- 10/27/21 Information about the Pfizer-BioNTech COVID-19 Vaccine
- 10/27/21 Southern Border Toolkit for Partners
- 10/27/21 Interim Laboratory Biosafety Guidelines for Handling and Processing Specimens Associated with Coronavirus Disease 2019 (COVID-19)
- 10/26/21 COVID-19 Vaccine Booster Shot
- 10/26/21 COVID-19 Forecasts: Deaths
- 10/26/21 Previous COVID-19 Forecasts: Hospitalizations
- 10/26/21 Reporting COVID-19 Vaccinations in the United States
- 10/26/21 COVID-19 Forecasts: Cases
- 10/26/21 Test for Current Infection (Viral Test)
- 10/26/21 COVID-19 Testing Overview
- 10/25/21 Global COVID-19-Associated Orphanhood
- 10/25/21 Your COVID-19 Vaccination
- 10/25/21 Staffing Resources
- 10/25/21 Selected Adverse Events Reported after COVID-19 Vaccination
- 10/25/21 Frequently Asked Questions about COVID-19 Vaccination
- 10/25/21 CDC□s Framework for Conditional Sailing Order Temporarily Extended Through January 15, 2022

CDC Guidance

[Interim Laboratory Biosafety Guidelines for Handling and Processing Specimens Associated with Coronavirus Disease 2019 (COVID-19)](#)
Find general and specific biosafety guidelines for handling SARS-CoV-2 specimens including info on routine diagnostic testing and more. Date: 10/27/21

[Documenting Vaccinations at Third-Party Clinics in VAMS](#)
Quick reference guide for clinic administrators and healthcare professionals to document vaccinations at third-party clinics, including backdating vaccination events, bulk uploading past vaccinations, and editing or invalidating vaccination records. Date: 10/26/21

[Scheduling Appointments for Recipients](#)
Jurisdiction Contact Center users can register recipients in VAMS and schedule vaccination appointments on their behalf. Date: 10/26/21

[Public Health Guidance for Potential COVID-19 Exposure Associated with Travel](#)
Find detailed guidance for public health officials about possible COVID-19 travel exposure, risk assessments, and other technical considerations. Date: 10/24/21

[Interim Guidelines for Collecting and Handling of Clinical Specimens for COVID-19 Testing](#)
Interim guidelines for healthcare providers and local and state health departments on collecting, handling, and testing clinical specimens for coronavirus disease 2019 (COVID-19). Date: 10/24/21

[Guidance for COVID-19 Prevention in K-12 Schools](#)
See guidance on COVID-19 prevention in kindergarten (K)-12 schools including promoting vaccination, mask use, and physical distancing. Date: 10/21/21

[Considerations for Case Investigation and Contact Tracing in K-12 Schools and Institutions of Higher Education (IHEs)](#)
Learn what administrators of K-12 schools and institutions of higher education should know about COVID-19 case investigation and contact tracing. Date: 10/18/21

[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: 10/17/21

[Interim Public Health Recommendations for Fully Vaccinated People](#)
Interim public health recommendations describing the type of activities people who are fully vaccinated can do once fully vaccinated. Date: 10/14/21

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

Safely reopening California

https://covid19.ca.gov/safely-reopening/

Blueprint for a Safer Economy – COVID-19 and Equity

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

California Healthy Places Index

https://covid19.healthyplacesindex.org/
https://map.healthyplacesindex.org/

Safe Schools for All

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

CDPH

https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/DCDC.aspx

CDPH Statewide Guidance

https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Guidance.aspx

Office of Governor GAVIN NEWSOM

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/
https://www.dir.ca.gov/dosh/COVID19citations.html
https://www.dir.ca.gov/oshab/oshab.html

Vaccines

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

News Releases

https://www.cdph.ca.gov/Programs/OPA/Pages/News-Releases-2021.aspx

VACCINES ADMINISTERED
52,692,019 total
112,085 daily avg.
80.7% of population vaccinated
Past 8 weeks

CASES
4,647,587 total
4,873 daily avg.
12.2 new cases per 100K
Past 8 weeks

DEATHS
71,519 total
73 daily avg.
0.2 new deaths per 100K
Past 8 weeks

TESTS
2.8% test positivity
Past 8 weeks

Vaccinations administered in California, by county of residence.

https://covid19.ca.gov/vaccination-progress-data/

Statewide		Doses Administered by County of Residence	

Statewide

24,723,842 (72.9%) *People fully vaccinated*
2,649,360 (7.8%) *People partially vaccinated*

52,692,019 (85.7%) *Doses administered*
112,085 *Average doses per day*

2,268,260 *Booster recipients*

4,850,381 *Doses on hand*
(43 days of inventory**)**

61,491,775 *Doses Delivered*

22,462,560 *CDC Pharmacy Doses Delivered*

See Data Dictionary for Details.

Doses Administered by County of Residence

County

(All) ▼

County	Doses
Los Angeles	13,559,009
San Diego	4,712,129
Orange	4,361,190
Santa Clara	3,064,502
Riverside	2,733,836
Alameda	2,498,133
San Bernardino	2,274,156
Sacramento	1,939,207
Contra Costa	1,783,855
San Francisco	1,414,029
San Mateo	1,214,591
Ventura	1,146,563
Fresno	1,111,930
San Joaquin	864,490
Kern	855,214
Sonoma	735,777
Stanislaus	592,908
Santa Barbara	582,017
Monterey	570,738
Solano	568,394

Data: 10/28/2021 11:59pm | Posted: 10/29/2021

Post-Vaccine COVID-19 Cases

What Is a Post-Vaccination COVID-19 Case?

Post-vaccination cases are defined as individuals who are fully vaccinated and have a positive SARS-CoV-2 molecular (e.g. PCR) test 14 days or more after they have completed their full one-dose or two-dose COVID-19 vaccination series. They are also referred to as vaccine breakthrough cases.

How Are Post-Vaccination COVID-19 Cases Identified?

The California Department of Public Health (CDPH) is identifying post-vaccination cases by analyzing the immunization and case registries to find individuals who have a positive SARS-Cov-2 molecular test at least 14 days after they have completed their full vaccination series. Local Health Jurisdictions (LHJs) are also encouraged to alert CDPH of post-vaccination cases especially if they result in severe disease (e.g., hospitalization or death) or if they are associated with an outbreak.
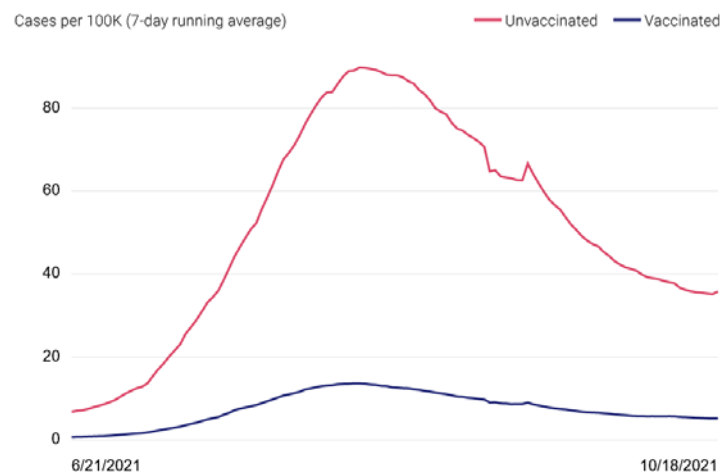
Why are we Tracking Post-Vaccination Cases?

Tracking cases of COVID-19 that occur after vaccination is important for monitoring the immunization campaign. While COVID-19 vaccines are safe and effective, some cases are still expected in persons who have been vaccinated, as no vaccine is 100% effective. If the number or severity of post-vaccination cases exceeds expected levels, this could be a signal of reduced protection against a variant or errors in vaccine delivery. Whole genome sequencing of post-vaccination cases, especially severe cases, can help characterize the effectiveness of current vaccines against variants.
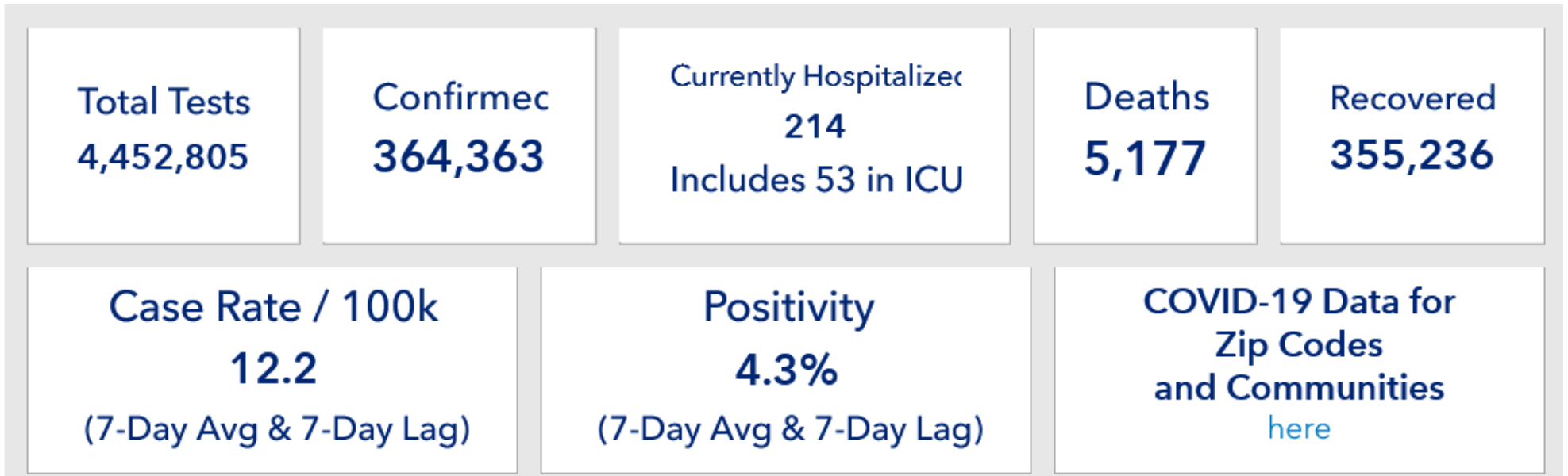
Unvaccinated and vaccinated data

https://covid19.ca.gov/state-dashboard/#postvax-status

From October 12, 2021 to October 18, 2021, unvaccinated people were **6.9 times more likely** to get COVID-19 than fully vaccinated people.

Riverside County Data

https://www.rivcoph.org/coronavirus

Total Tests	Confirmed	Currently Hospitalized	Deaths	Recovered
4,452,805	364,363	214 Includes 53 in ICU	5,177	355,236

Case Rate / 100k	Positivity	COVID-19 Data for
12.2 (7-Day Avg & 7-Day Lag)	4.3% (7-Day Avg & 7-Day Lag)	Zip Codes and Communities here

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

RUHS Public Health News:
- Booster for Moderna, Johnson & Johnson to be available in Riverside County starting Tuesday English / Spanish
- Booster vaccine doses available in Riverside County from Public Health and community partners English / Spanish
- Health officials confirm death of 4-year-old is COVID-19 related English / Spanish
- Black barbershops, salons in RivCo join the fight against vaccine hesitancy
- Additional vaccine available for individuals in Riverside County with immunocompromised health English / Spanish - August 19, 2021
- COVID-19 vaccine clinics closing in Hemet, Desert Hot Springs, Moreno Valley and Perris English / Spanish - August 12, 2021
- Vaccine clinics closing in Riverside and Lake Elsinore as health officials continue focus on mobile teams English / Spanish - July 30, 2021

RIVERSIDE COUNTY DAILY COVID-19 REPORT

https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/DailyEpidemiologySummary.pdf?x=1635535203148

COVID-19 Vaccine   https://www.rivcoph.org/COVID-19-Vaccine

RUHS Public Health:
- Pfizer Covid Vaccine Updated EUA – **October 20, 2021**
- Fact Sheet for Healthcare Providers Administering Vaccine (Vaccination Providers) Emergency Use Authorization (EUA) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 (Covid-19) – **October 20, 2021**
- Fact Sheet for Recipients and Caregivers Emergency Use Authorization (EUA) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 (Covid-19) in Individuals 12 Years of Age and Older – **October 20, 2021**
- **Moderna covid Vaccine Updated Emergency Use Authorization (EUA) for Providers and Recipients** – **October 20, 2021**
- **Fact Sheet for Healthcare Providers Administering Vaccine (Vaccination Providers) Emergency Use Authorization (EUA) of the Moderna Covid-19 Vaccine to Prevent Coronavirus Disease 2019 (Covid-19)** – **October 20, 2021**
- **Fact Sheet for Recipients and Caregivers Emergency Use Authorization (EUA) of the Moderna Covid-19 Vaccine to Prevent Coronavirus Disease 2019 (Covid-19) in Individuals 18 Years of Age and Older** – **October 20, 2021**
- **Pfizer Covid Vaccine Updated EUA** – **October 20, 2021**
- **Fact Sheet for Healthcare Providers Administering Vaccine (Vaccination Providers) Emergency Use Authorization (EUA) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 (Covid-19)** – **October 20, 2021**
- **Fact Sheet for Recipients and Caregivers Emergency Use Authorization (EUA) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 (Covid-19) in Individuals 12 Years of Age and Older** – **October 20, 2021**
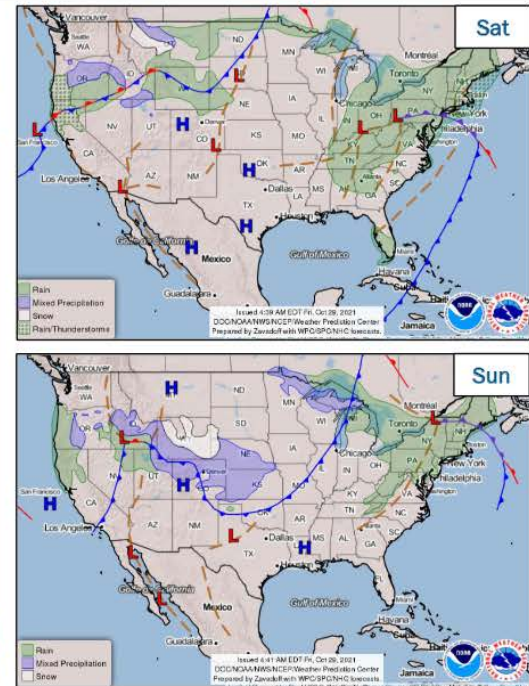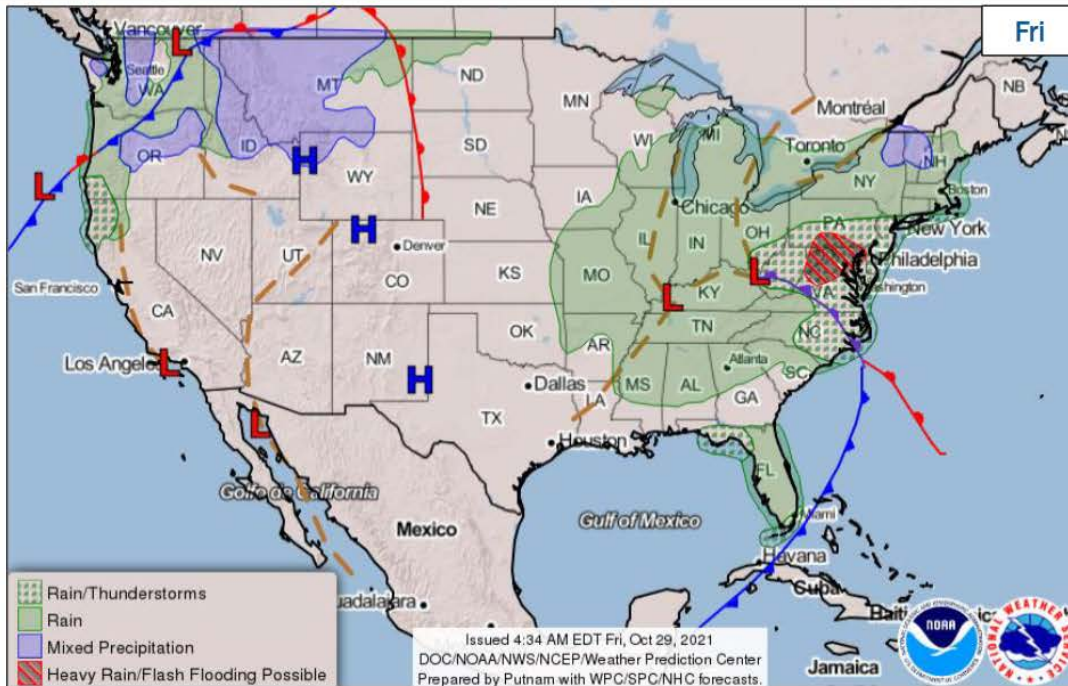
https://www.rivcoph.org/COVID-19-Vaccine
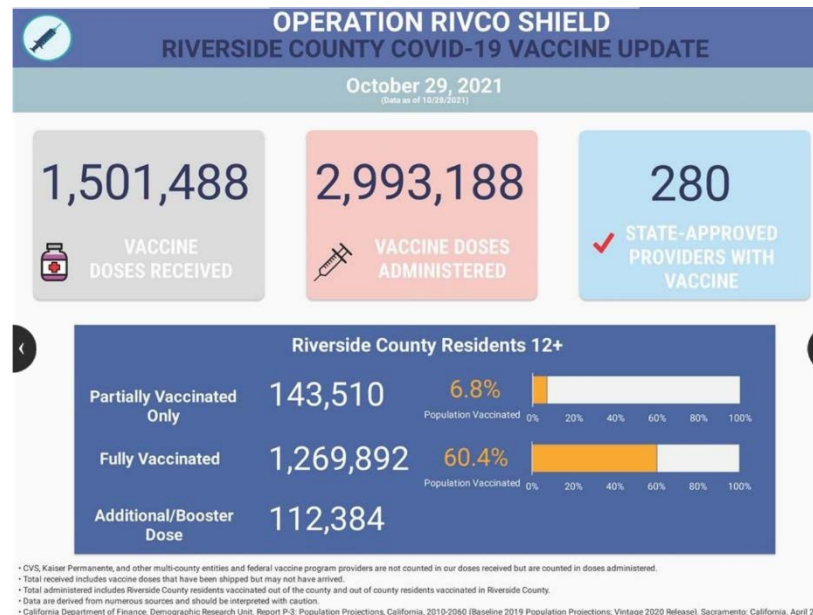
Weather

National Weather Service
San Diego, California

Weather Risk Outlook
11:30 AM Friday, October 29, 2021

County	Zone	Fri 10/29	Sat 10/30	Sun 10/31	Mon 11/1	Tue 11/2	Wed 11/3	Thu 11/4
San Diego	Beach/Marine	Patchy Fog	Patchy Fog	None	None	None	None	Drizzle
	Coast	Patchy Fog	Patchy Fog	None	None	None	None	Drizzle
	Valleys	None	None	None	None	None	None	Drizzle
	Mountains	None	None	Patchy Fog	None	None	None	Drizzle/Wind
	Desert	None	None	None	None	None	None	None
Orange	Beach	Patchy Fog	Patchy Fog	None	None	None	None	Drizzle
	Coast	Patchy Fog	Patchy Fog	None	None	None	None	Drizzle
	Inland	None	None	None	None	None	None	Drizzle
	Mountains	None	None	None	None	None	None	Drizzle
Riverside	Inland Empire	None	None	None	None	None	None	Drizzle
	Mountains	None	None	Patchy Fog	None	None	None	Drizzle/Wind
	Desert	None	None	None	None	None	None	None
San Bernardino	Inland Empire	None	None	None	None	None	None	Drizzle
	Mountains	None	None	Patchy Fog	None	None	None	Drizzle/Wind
	Desert	None	None	None	None	None	None	Wind

Impact Threat Levels	None	Minor	Moderate	High	Extreme

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

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

National Weather Forecast

Issued 4:34 AM EDT Fri, Oct 29, 2021
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Putnam with WPC/SPC/NHC forecasts.

Legend:
- Rain/Thunderstorms
- Rain
- Mixed Precipitation
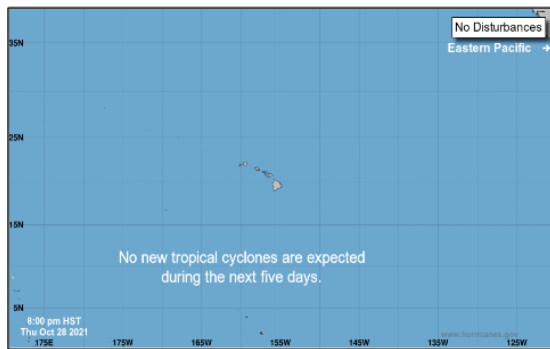- Heavy Rain/Flash Flooding Possible

FEMA
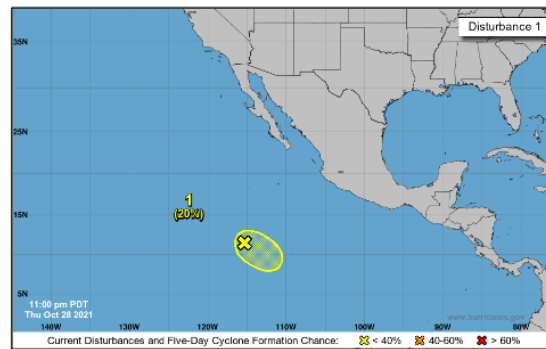U.S. DEPARTMENT OF HOMELAND SECURITY

National Watch Center

Tropical Outlook – Five Day

Central Pacific

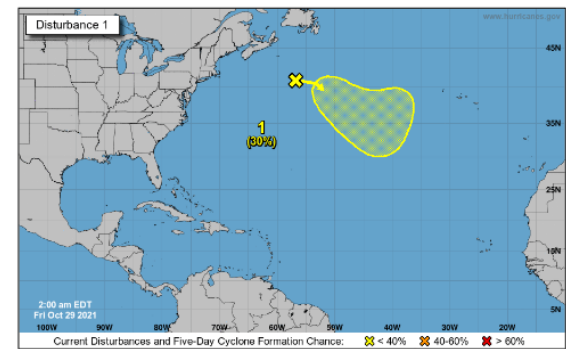- No new tropical cyclones are expected during the next five days

Eastern Pacific

Disturbance 1 *(as of 2:00 a.m. ET)*

- 850 miles SSW of southern tip of Baja California peninsula
- Formation chance through 48 hours: Low (20%); 5 days: Low (20%)

Atlantic

Disturbance 1 *(as of 2:00 a.m. ET)*

- A few hundred miles SSW of Cape Race, Newfoundland
- Moving eastward
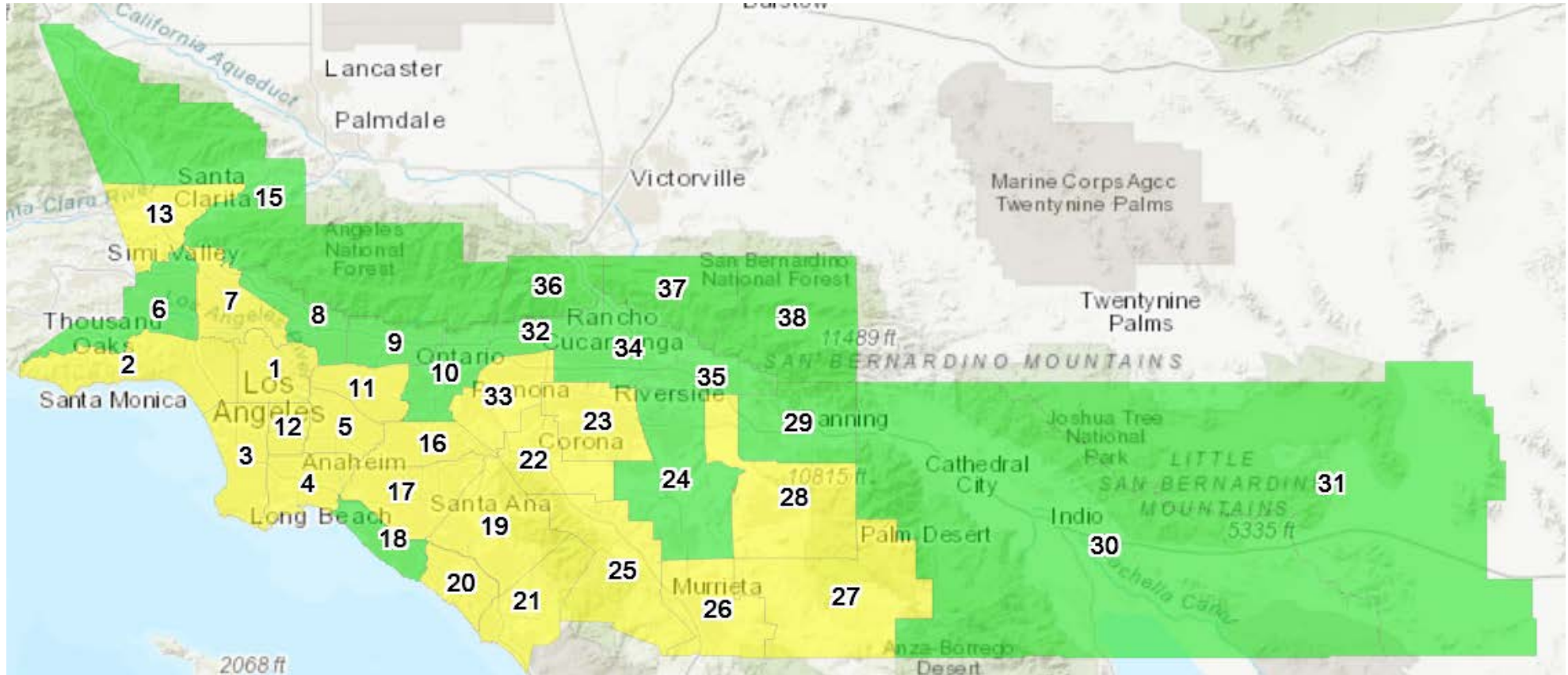- Formation chance through 48 hours: Low (20%); 5 days: Low (30%)

FEMA

National Watch Center

Today's Forecast

Legend

The Air Quality Index (AQI) is an index for reporting daily air quality that conveys how air pollution can affect public health. The AQI is divided into six levels of health concern:

AQI Value

- Hazardous (301-500)
- Very Unhealthy (201-300)
- Unhealthy (151-200)
- Unhealthy for Sensitive Groups (101-150)
- Moderate (51-100)
- Good (0-50)