



****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 8, 2021 - [Day 576](#)

As of 3:30 PM

COVID-19 by the Numbers

10/08/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	349,588	31,925	119,486	1,401,445	298,784	342,978	359,564	28,159	42,687	95,445	4,529,032	44,105,375	236,132,082
Total Cases Per Capita	14,164	16,658	12,886	13,663	9,255	15,468	10,668	10,098	9,354	11,193	11,286	13,252	3,029
% of Total Cases/Population	14.16%	16.66%	12.89%	13.66%	9.25%	15.47%	10.67%	10.10%	9.35%	11.19%	11.29%	13.25%	3.03%
Recovered**	347,550	28,431	130,380	Not Reported	286,423	339,265	Not Reported	26,719	42,351	93,788	2,480,166	34,480,801	214,833,939
% of total recovered/population	14.08%	14.83%	14.06%	Not Reported	8.87%	15.30%	Not Reported	9.58%	9.28%	11.00%	6.18%	10.36%	2.76%
Total Deaths	4,953	760	308	26,252	5,448	5,551	4,104	323	513	1,158	33,372	708,784	4,822,472
Deaths Per Capita	200.68	396.56	33.22	255.93	168.75	250.34	121.77	115.83	112.41	135.80	83.16	212.96	61.87
% of Total Deaths/Population	0.20%	0.40%	0.03%	0.26%	0.17%	0.25%	0.12%	0.12%	0.11%	0.14%	0.08%	0.21%	0.06%
% of State's Cases	7.72%	0.70%	2.64%	30.94%	6.60%	7.57%	7.94%	0.62%	0.94%	2.11%	10.27%	18.68%	
Currently in Hospitals	305	18	235	696	223	267	284	19	36	65	4,116		
Total Hospital Beds	3,468	236	1,256	19,281	5,976	3,675	6,491	448	614	1,194	66,676		
Currently in ICU	85	7	69	241	47	90	83	4	15	17	1,163		
ICU Beds Available	76	7	20	552	166	144	195	12	35	29	1,977		
Case Fatality Rate	1.42%	2.38%	0.26%	1.87%	1.82%	1.62%	1.14%	1.15%	1.20%	1.21%	0.74%	1.61%	2.04%
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

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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.

Pfizer and BioNTech Submit Initial Data to U.S. FDA From Pivotal Trial of COVID-19 Vaccine in Children 5 to <12 Years of Age

- The Companies announced positive topline results from the pivotal trial on September 20, 2021. In the trial, which included 2,268 participants 5 to <12 years of age, the vaccine demonstrated a favorable safety profile and elicited robust neutralizing antibody responses using a two-dose regimen of 10 µg doses. These results – the first from a pivotal trial of any COVID-19 vaccine in this age group – were comparable to those recorded in a previous Pfizer-BioNTech study in people 16 to 25 years of age, who were immunized with 30 µg doses.
- These data have been shared with the FDA for the Agency's initial review. A formal submission to request Emergency Use Authorization (EUA) of the companies' COVID-19 vaccine in children 5 to <12 years of age is expected to follow in the coming weeks. Submissions to the European Medicines Agency (EMA) and other regulatory authorities are also planned.
- Topline immunogenicity and safety readouts for the other two age cohorts from the trial – children 2 to <5 years of age and children 6 months to <2 years of age – are expected as soon as the fourth quarter of this year.
- Pfizer and BioNTech plan to submit data from the full Phase 3 trial for scientific peer-reviewed publication.
<https://www.pfizer.com/news/press-release/press-release-detail/pfizer-and-biontech-submit-initial-data-us-fda-pivotal>
<https://www.businesswire.com/news/home/20210928005307/en/>

More than 140,000 U.S. children lost a primary or secondary caregiver due to the COVID-19 pandemic

- New study highlights stark disparities in caregiver deaths by race and ethnicity, calls for urgent public health response.
- One U.S. child loses a parent or caregiver for every four COVID-19 deaths, a new modeling study published today in Pediatrics reveals. The findings illustrate orphanhood as a hidden and ongoing secondary tragedy caused by the COVID-19 pandemic and emphasizes that identifying and caring for these children throughout their development is a necessary and urgent part of the pandemic response – both for as long as the pandemic continues, as well as in the post-pandemic era.
- From April 1, 2020 through June 30, 2021, data suggest that more than 140,000 children under age 18 in the United States lost a parent, custodial grandparent, or grandparent caregiver who provided the child's home and basic needs, including love, security, and daily care. Overall, the study shows that approximately 1 out of 500 children in the United States has experienced COVID-19-associated orphanhood or death of a grandparent caregiver. There were racial, ethnic, and geographic disparities in COVID-19-associated death of caregivers: children of racial and ethnic minorities accounted for 65% of those who lost a primary caregiver due to the pandemic.
<https://www.nih.gov/news-events/news-releases/more-140000-us-children-lost-primary-or-secondary-caregiver-due-covid-19-pandemic>

Misinformation Is A Big Problem, Americans Agree: Poll

- Pearson Institute/AP-NORC Poll: 95% of Americans say the spread of misinformation is a problem, and most blame social media users, social media companies, and U.S. politicians for the spread of misinformation.
- The poll finds about half of Americans are at least somewhat worried that they have spread misinformation online. Based on 1,071 interviews with adults between 09/09 and 09/13/21 the margin of error: +/- 3.9 percentage points at the 95% confidence level among all adults
<https://patch.com/us/across-america/misinformation-big-problem-americans-agree-poll>
<https://apnorc.org/projects/the-american-public-views-the-spread-of-misinformation-as-a-major-problem/>

Brother Killed Brother Over COVID-19 Vaccine: Police

- A Cumberland man charged in the killing of his brother, sister-in-law and an 83-year-old woman reportedly believed his brother, a pharmacist, was poisoning people by giving them the COVID-19 vaccine, court documents show.
- Court documents show Burnham told his mother, Evelyn Burnham, 83, he had to "confront his brother." He told his mother, "Brian knows something," reports the Baltimore Sun.
- Charging documents reveal that Evelyn Burnham contacted Cumberland police twice, concerned about her son's mental stability after he informed her the FBI was pursuing them. She told police her son lived with her and kept a security system in his bedroom.
- Evelyn Burnham first called police on the same day her son killed Reynolds and again the following day when he shot to death the Robinettes, according to the Baltimore Sun. Charging documents do not indicate what the Cumberland Police did in response to those calls.

<https://patch.com/maryland/ellcottcity/man-killed-brother-pharmacist-giving-out-covid-19-vaccine>

VA Girl's Death From COVID-19 Investigated By School District

- Virginia school officials in the Hampton Roads area are investigating claims that a 10-year-old girl died from complications related to COVID-19 after an elementary school teacher instructed the student to accompany sick students to the school nurse.
- Her parents have said on social media and in interviews that their daughter told them the week before she died from COVID-19 that a teacher had given her the responsibility of escorting sick students to the school nurse. "That was her classroom job," her father told The Virginian-Pilot last week. "And she said that if the kids were sick and needed to go home, she had to go get their book bag and take it back," Teresa's mother added.
- Teresa Sperry was one of two children 10 or younger who died in eastern Virginia last week from complications related to COVID-19. The other child died on Wednesday.

<https://patch.com/virginia/norfolk/va-girls-death-covid-19-investigated-school-district>

Pregnant San Diego Woman Dies from COVID-19

- An unvaccinated woman is the first pregnant San Diego woman to die from COVID-19, the County Health and Human Services Agency announced today.
- The woman died earlier this week after being hospitalized, as did her unborn child. Her age and other details about her death and pregnancy are not being reported to protect her and her family's privacy.
- On Oct. 6, the County Health and Human Services Agency issued a health alert to the local medical community alerting them of an increase in cases and hospitalizations of unvaccinated pregnant women, and encouraging them to urge their patients to get vaccinated.
- From June 1, 2021 through Sept. 30, there have been 253 laboratory-confirmed cases among pregnant people, including 203 among those not fully vaccinated compared to 50 who were fully vaccinated. Of the 253, a total of 31 required hospitalization; 30 of those hospitalized were not fully vaccinated.
- According to the CDC, pregnant people who contract and develop symptoms from COVID-19 "have a two-fold risk of admission into intensive care and a 70% increased risk of death."

<https://www.countynewscenter.com/pregnant-san-diego-woman-dies-from-covid-19/>

High time to tax the unvaxxed – Opinion Thomas Elias

- California has tried paying people to get vaccinated against the coronavirus plague. That only helped a little. Some counties are trying out banning the unvaccinated from gyms, restaurants and public gatherings. That also is making only a small dent in the corps of uninoculated.
- Not only must the vaccinated now carry proof of that status, either electronic or on small white cards handed out along with Covid shots, but they're also back to masking, once again waiting for elective surgeries in some hospitals because of Covid case crowding and suffering occasional "breakthrough" infections of their own, even if those are mild compared to what's hitting the unvaccinated.
- Why should responsible citizens pay for the stupidity of the willingly unvaccinated, folks who are eligible and medically able to be inoculated, but refuse nevertheless? So let's tax them. If travelers want to ride trains or airplanes without vaccinations, let them, so long as they can show a very recent negative test for the virus. But make them pay extra for the privilege, just as most airlines now charge for checked baggage.
- This may be one time when movie muscleman and ex-Gov. Arnold Schwarzenegger said it best. "Screw your freedom!" he said on CNN. "With freedom come obligations and responsibilities; you cannot just say, 'I have the right to do X,Y or Z. When you affect other people, that's when it gets serious.'"

https://lompocrecord.com/opinion/columnists/high-time-to-tax-the-unvaxxed-thomas-elias/article_77a5ae01-821e-55c2-8df3-403ac46d9576.html

Should People Without Coronavirus Antibodies Be Second-Class Citizens? – April 2020

- Let's stop and think before we start issuing "immunity passports."
- Issuing certificates or "passports" is another matter. The threats to people's rights posed by a system that distinguishes between those with and without coronavirus antibodies should make governments considering such systems proceed with caution.
- If proved effective, antibody testing is likely to be seen by governments and the public as an important part of the path toward resuming normal lives before a coronavirus vaccine is widely available. But before anyone rushes to issue certificates or passports — and require them for work, travel or other activities — we need to stop and ask ourselves if we're ready for a society divided between new classes of "haves" and "have-nots."

<https://www.hrw.org/news/2020/04/28/should-people-without-coronavirus-antibodies-be-second-class-citizens>

UCHealth requiring COVID vaccination for organ transplants 'in almost all situations'

- [UCHealth](#) confirmed Tuesday that organ transplant recipients and living donors must be vaccinated against COVID-19 "in almost all situations."
- In a statement, the hospital system said studies indicate the mortality rate for transplant recipients who test positive for COVID ranges from 18% to 32%, compared to a 1.6% mortality rate among all people who have tested positive.
- UCHealth said the policy change was driven by the significantly higher mortality rate, as well as the concern that living donors could still pass on a COVID infection after testing negative.
- "This is why it is essential that both the recipient and the living donor be vaccinated and take other precautions prior to undergoing transplant surgery," the statement said. "Surgeries may be postponed until patients take all required precautions in order to give them the best chance at positive outcomes."
- UCHealth confirmed the updated policy after a letter was posted on Twitter by a Republican state representative saying a kidney transplant candidate's status was changed on the waiting list to inactive because they were not vaccinated

<https://www.9news.com/article/news/health/uchealth-organ-transplant-covid-vaccine-requirement/73-665fcb5c-e25a-410a-bec0-281418d6b205>

L.A. to require proof of COVID vaccination at indoor restaurants, salons, other venues

- The Los Angeles City Council on Wednesday approved a new ordinance that requires proof of vaccination against COVID-19 to enter indoor restaurants, shopping malls, movie theaters, hair and nail salons and many other indoor venues.
- Councilman Joe Buscaino after raising concerns about how the new rules would be enforced, ultimately voted against the ordinance after council members did not agree to several amendments he proposed, including one that would make it a crime to harass or interfere with any employee trying to enforce the rules. He also wanted city analysts to report back on funding sources to help small businesses comply and to ensure police could handle any increased calls tied to the new rules.
- No one seconded his motion to amend the law. Councilman Mark Ridley-Thomas said the amendments were significant and deserved more vetting in council committees before council members could make a “thoughtful” decision about them
- The vote on the [ordinance](#) was 11-2, with Councilman John Lee joining Buscaino in opposing the law.
- Mayor Eric Garcetti signed the ordinance Wednesday, under the new law, businesses must require proof of vaccination when customers enter indoor facilities, including coffee shops, gyms, museums, bowling alleys, spas and a range of other venues.

<https://www.latimes.com/california/story/2021-10-06/l-a-to-require-proof-of-covid-vaccination-at-indoor-restaurants-salons-and-other-venues>

Covid News: Biden Urges Companies to Impose Vaccine Mandates

- The Labor Department is going to shortly issue an emergency rule, which I asked for several weeks ago, and they’re going through the process, to require all employees with more than 100 people, whether they work for the federal government or not, this is within the purview of the Labor Department, to ensure their workers are fully vaccinated or face testing at least once a week. In total, this Labor Department vaccination requirement will cover 100 million Americans, about two-thirds of all the people work in America.
- Starting in July, the first vaccination requirement for the federal government as announced about 95 million eligible Americans were unvaccinated. Today, we’ve reduced that number to 67 [million] eligible Americans who aren’t vaccinated.
- President Biden on Thursday appealed to private companies to mandate coronavirus vaccinations for employees, asking them to take initiative as an effort that he announced last month to require 80 million American workers to get the shot undergoes a lengthy rule-making process and may not go into effect for weeks.
- The president, delivering remarks at a construction site outside Chicago, said that encouraging Americans to get vaccinated had helped, but it had not gone far enough to address the pandemic.
- The president said on Thursday that the rule would be put in place quickly, but officials familiar with the process said it was likely to take several more weeks.
- In the meantime, Mr. Biden sought to shift responsibility toward companies, which he said would help lead the United States out of the pandemic: “Businesses have more power than ever before to change the arc of this pandemic and save lives.”

<https://fortune500newshubb.com/2021/10/08/covid-news-biden-urges-companies-to-impose-vaccine-mandates/>

Testing and Vaccine Update

COVID-19 Antibody Test instead of PCR testing? 3 Types of COVID-19 Tests, and Which One Is the Most Accurate

- Learn about the confusing array of available testing options at doctors' offices and health care facilities—many based on mucus and others that use saliva or blood. Given the plethora of options, how do you know which test is right for you? And do they all work the same way? Or tell you the same information?
- The right test, then, depends on the goal, such as confirming an active COVID infection; identifying asymptomatic or pre-symptomatic individuals who might be shedding virus, or determining whether someone previously had COVID.
- Here's what you should know about the different types of COVID tests, how they're used, and what they can tell you:
 - **Molecular test (aka RNA or PCR test)** Considered the most sensitive for detecting an active infection, and the results are highly accurate. You might take one if you or your doctor think you have COVID. You might also be asked to take this type of test if you need to prove to your employer or your college that you are not currently infected prior to returning to work or campus. Tests using a nasopharyngeal swab the one that goes deep into your nose to the back of your throat.
 - **Antigen test (aka rapid test)** This type of diagnostic test is often called a "rapid test" because the turnaround time is much quicker than an RNA test. It's also cheaper to produce. As a result, antigen tests are being used to screen large numbers of people, like at airports. From a patient's point of view, antigen testing works in much the same way as molecular testing. Using a swab at the back of your nose or throat to collect a sample for testing. Antigen test can produce a result in an hour or less, says the FDA. The problem is these tests are more likely to miss active infection. If you have COVID symptoms but test negative, your doctor may order a molecular test just to rule out a false negative.
 - **Antibody test (aka serology test or blood test)** This test looks for antibodies to the coronavirus. Antibodies are proteins your immune system produces to fight off a foreign invader, such as a virus. A COVID-19 antibody test cannot diagnose active coronavirus infection. All it tells you is whether you've been infected at some point in the past, even if that occurred months ago. Antibodies do not become detectable until at least several days after an infection has started. The vast majority of these tests are performed at a central lab, which can take a couple of days to process. But the FDA just approved the first antibody point-of-care coronavirus test, making it possible for doctor's offices, hospitals, urgent care centers, and emergency rooms to get an answer within 15 minutes using blood from a person's fingertip.

Related

Understanding the Different Types of Antibody Tests: <https://creakyjoints.org/living-with-arthritis/coronavirus/covid-19-vaccines/antibody-testing-covid-19-vaccine-immunocompromised/>

<https://www.health.com/condition/infectious-diseases/coronavirus/covid-19-test-types>

Related

- After December 31, 2021, CDC will withdraw the request to the U.S. Food and Drug Administration (FDA) for Emergency Use Authorization (EUA) of the CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel, the assay first introduced in February 2020 for detection of SARS-CoV-2 only. CDC is providing this advance notice for clinical laboratories to have adequate time to select and implement one of the many FDA-authorized alternatives.
- [Visit the FDA website](#) for a list of authorized COVID-19 diagnostic methods. For a summary of the performance of FDA-authorized molecular methods with an FDA reference panel, [visit this page](#).

https://www.cdc.gov/csels/dls/locs/2021/07-21-2021-lab-alert-Changes_CDC_RT-PCR_SARS-CoV-2_Testing_1.html

Related

Quest Diagnostics COVID-19 Antibody Test - [https://questdirect.questdiagnostics.com/products/covid-19-antibody-test/b580e541-78a5-48a6-b17b-](https://questdirect.questdiagnostics.com/products/covid-19-antibody-test/b580e541-78a5-48a6-b17b-7bad949dcb57?utm_source=vigorate&utm_medium=email&utm_campaign=2021-05-antibody-testing&utm_content=one-test-two-options-header)

[7bad949dcb57?utm_source=vigorate&utm_medium=email&utm_campaign=2021-05-antibody-testing&utm_content=one-test-two-options-header](https://questdirect.questdiagnostics.com/products/covid-19-antibody-test/b580e541-78a5-48a6-b17b-7bad949dcb57?utm_source=vigorate&utm_medium=email&utm_campaign=2021-05-antibody-testing&utm_content=one-test-two-options-header)

CDC - Comparative Effectiveness of Moderna, Pfizer-BioNTech, and Janssen (Johnson & Johnson) Vaccines in Preventing COVID-19 Hospitalizations Among Adults Without Immunocompromising Conditions — United States, March–August 2021

- What is added by this report?
- Among U.S. adults without immunocompromising conditions, vaccine effectiveness against COVID-19 hospitalization during March 11–August 15, 2021, was higher for the Moderna vaccine (93%) than the Pfizer-BioNTech vaccine (88%) and the Janssen vaccine (71%).

https://www.cdc.gov/mmwr/volumes/70/wr/mm7038e1.htm?s_cid=mm7038e1_w

CDC - The Latest on COVID-19 Vaccines

Vaccine Brand Name	Who Can Get this Vaccine ^[1]	How Many Shots You Will Need	When Are You Fully Vaccinated?
Pfizer-BioNTech	People 12 years and older	2 shots Given 3 weeks (21 days) apart ^[2]	2 weeks after your second shot
Moderna	People 18 years and older	2 shots Given 4 weeks (28 days) apart ^[2]	2 weeks after your second shot
Johnson & Johnson's Janssen	People 18 years and older	1 shot	2 weeks after your shot

- **Large-scale (Phase 3) clinical trials are in progress or being planned for COVID-19 vaccines in the United States.**
To learn more about U.S. COVID-19 vaccine clinical trials, including vaccines in earlier stages of development, by visiting <https://www.clinicaltrials.gov>
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines.html>
- **Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States**
https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fvaccines%2Fcovid-19%2Finfo-by-product%2Fclinical-considerations.html#Coadministration
- **Studies confirm waning immunity from Pfizer's Covid-19 vaccine**
<https://www.cnn.com/2021/10/06/health/pfizer-vaccine-waning-immunity/index.html>
Study: Waning of BNT162b2 Vaccine Protection against SARS-CoV-2 Infection in Qatar
https://www.nejm.org/doi/full/10.1056/NEJMoa2114114?query=featured_home
- **Who Is Eligible for a COVID-19 Vaccine Booster Shot?**
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html>
- **Vaccine Adverse Event Reporting System (VAERS)**
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/vaers.html>
- **COVID-19 Vaccines While Pregnant or Breastfeeding**
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/pregnancy.html>

Global Data

<https://covid19.who.int/>

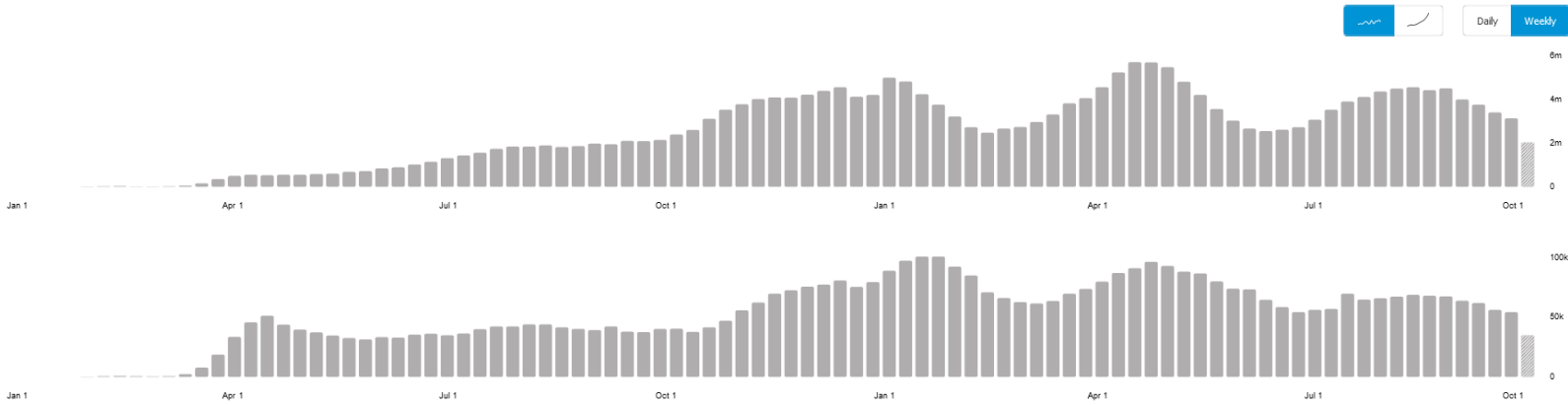
Globally, as of 6:49pm CEST, 8 October 2021, there have been 236,599,025 confirmed cases of COVID-19, including 4,831,486 deaths, reported to WHO. As of 6 October 2021, a total of 6,262,445,422 vaccine doses have been administered.

Global Situation

236,599,025
confirmed cases

4,831,486
deaths

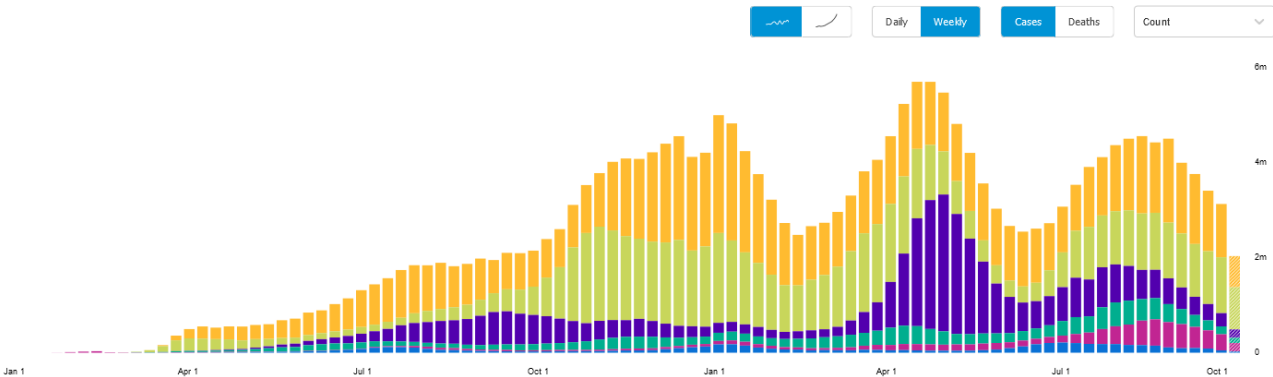
Source: World Health Organization
Data may be incomplete for the current day or week.



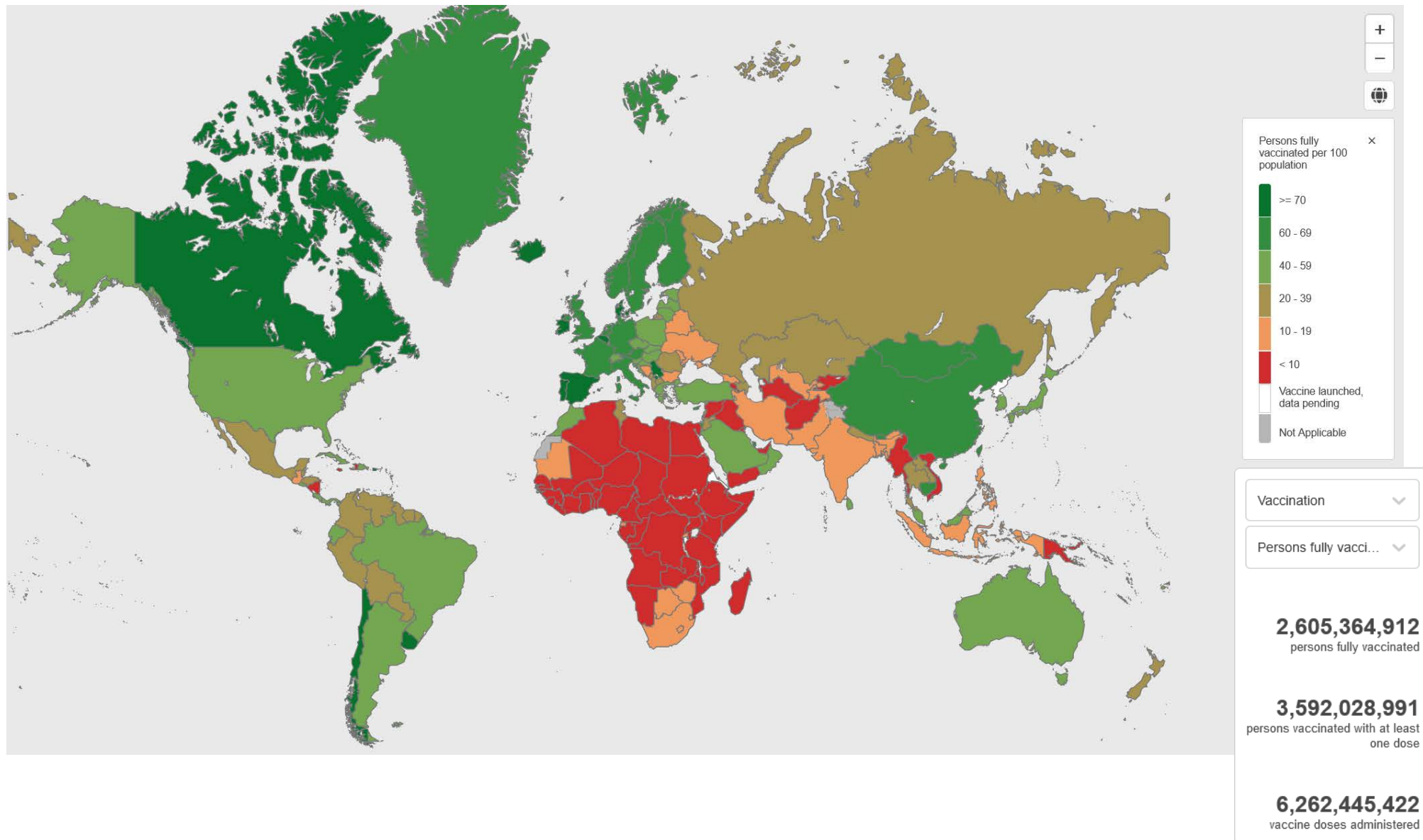
Situation by WHO Region

Americas	91,014,944 confirmed
Europe	71,486,376 confirmed
South-East Asia	43,300,384 confirmed
Eastern Mediterranean	15,934,629 confirmed
Western Pacific	8,787,304 confirmed
Africa	6,074,624 confirmed

Source: World Health Organization
Data may be incomplete for the current day or week.



Persons fully vaccinated per 100 population



Geo-Hub COVID-19 - Information System for the Region of the Americas

COVID-19 IN THE AMERICAS (main) North America COVID-19 Situation Central America COVID-19 Situation South America COVID-19 Situation Caribbean/Atlantic COVID-19 Situation

COVID-19 Total cases and deaths in the Americas

54 countries and territories

Updated after 6:00 pm on
10/6/2021

Countries & Territories
54

Cumulative Cases
91M

Cases reported in the last 24 hrs
169.3k

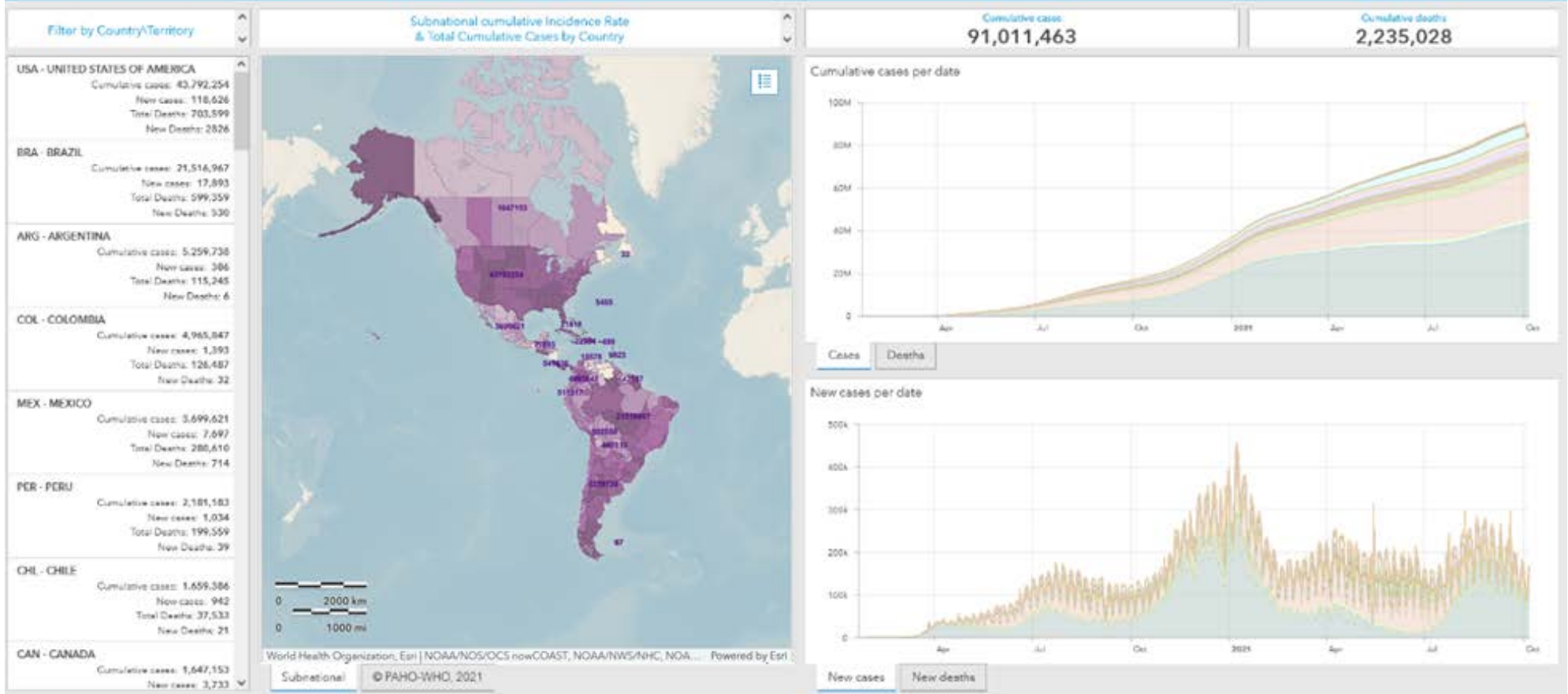
Cumulative Deaths
2.2M

Deaths reported in the last 24 hrs
4.6k

Case Fatality Rate
2.46 %

COVID-19 Americas' Regional Dashboard

Geographic Distribution of Cases and Deaths



Our goals are to maintain and update COVID-19 epidemiological data, to promote international coordination and awareness of the situation in the Americas Region, and to facilitate the most updated information available to countries, in order to reinforce national surveillance systems. Data is updated as countries enter national and sub-national data.



U. S. Data

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

United States COVID-19 Cases and Deaths by State

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

TOTAL CASES
44,105,375
+99,055 New Cases

7 DAY CASE RATE PER 100,000
197.4

TOTAL DEATHS
708,784
+1,550 New Deaths

CDC | Data as of: October 8, 2021 1:21 PM ET. Posted: October 8, 2021 3:26 PM ET

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

COVID-19 Vaccinations in the United States

Total Vaccine Doses Delivered 485,713,525 Administered 400,669,422 Learn more about the distribution of vaccines.	At Least One Dose	Fully Vaccinated	Booster Dose
	Vaccinated People	Count	Percent of US Population
	Total	216,573,911	65.2%
	Population ≥ 12 Years of Age	216,341,126	76.3%
	Population ≥ 18 Years of Age	201,758,782	78.1%
	Population ≥ 65 Years of Age	51,862,523	94.8%

186.9M
People fully vaccinated

7.28M
People received a booster dose**

***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.**

COVID-19 Community Profile Report 09-30-2021

<https://beta.healthdata.gov/Health/COVID-19-Community-Profile-Report/gqxm-d9w9>

NUMBER OF NEW CASES AND DEATHS IN THE LAST 7 DAYS

Total Cumulative Cases: 43,997,504

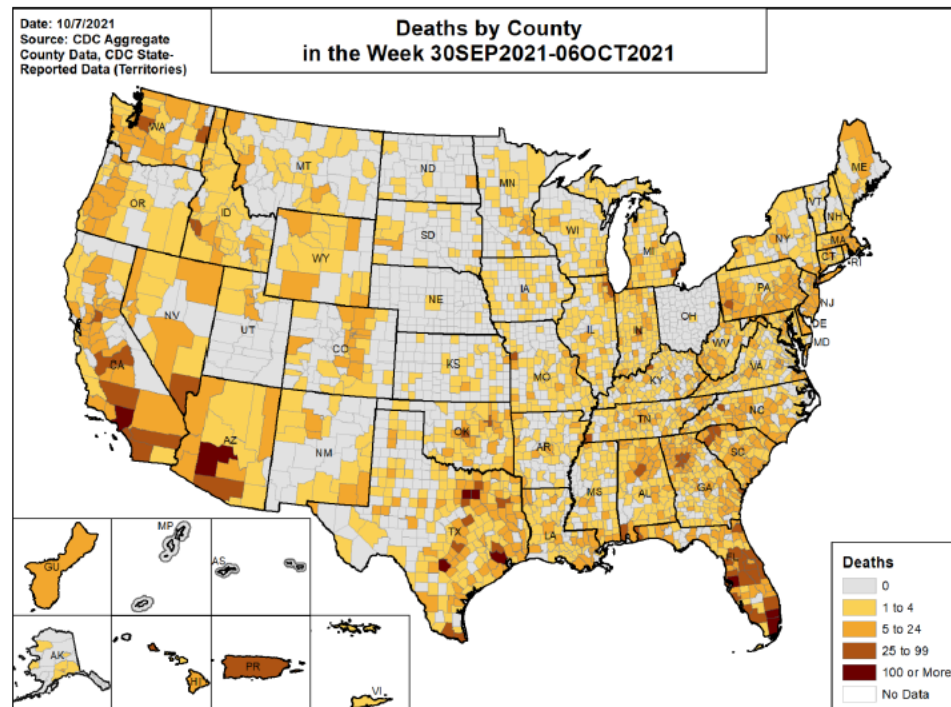
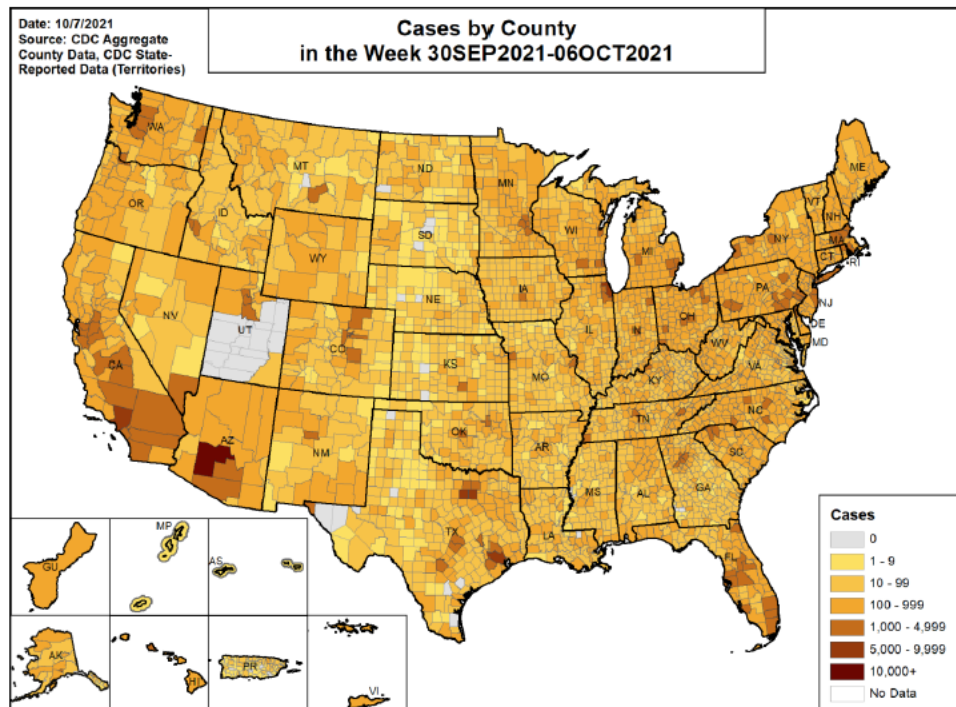
New Cases in Last 7 Days: 668,136

Percent Change from Previous 7 Days: -11.6%

Total Cumulative Deaths: 707,065

New Deaths in Last 7 Days: 10,019

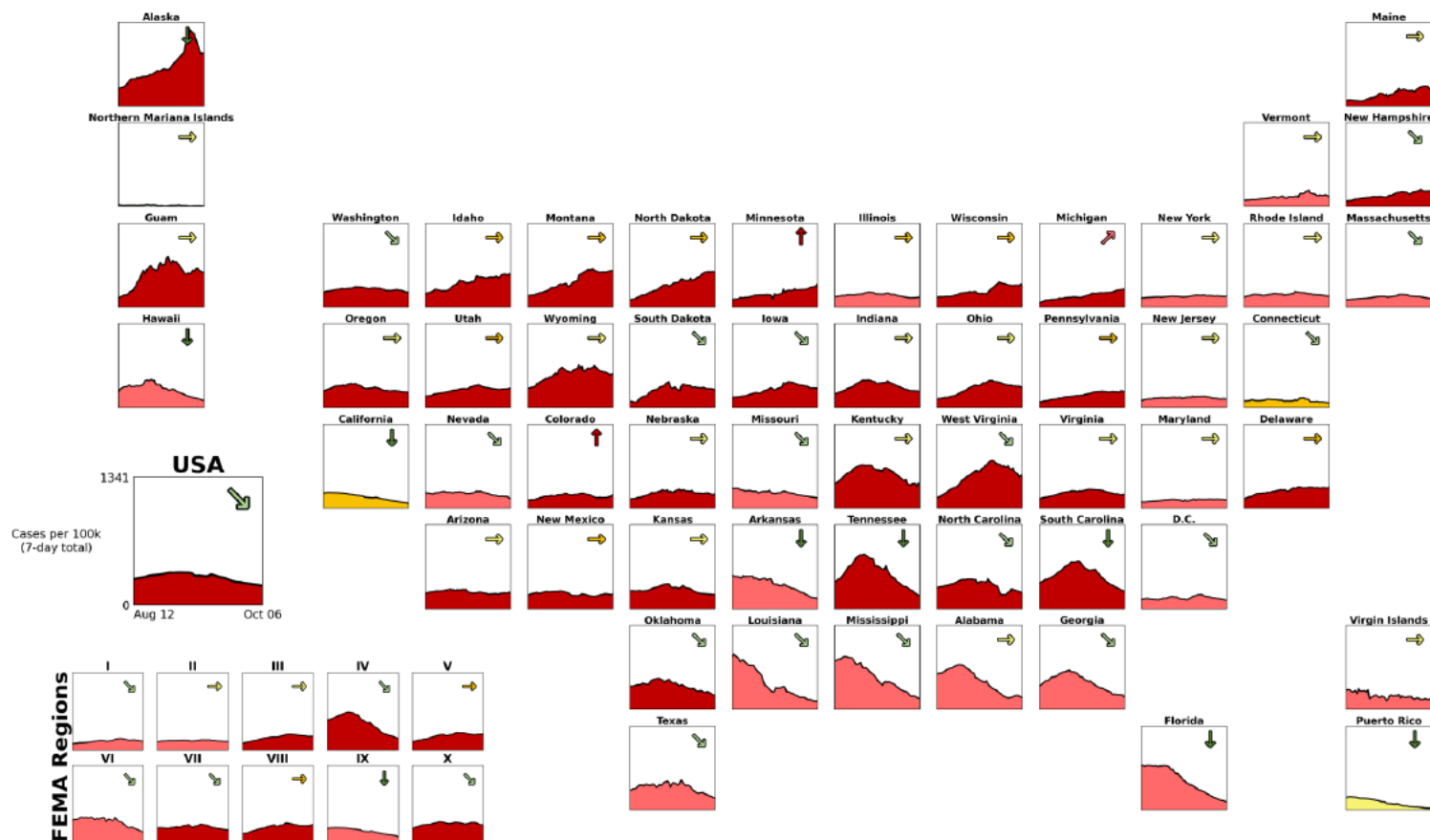
Percent Change from Previous 7 Days: -8.4%



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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	↓
-25% - -11%	↘
-10% - 0%	→
+1% - +10%	↗
+11% - +25%	↑
+26% or more	↑

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

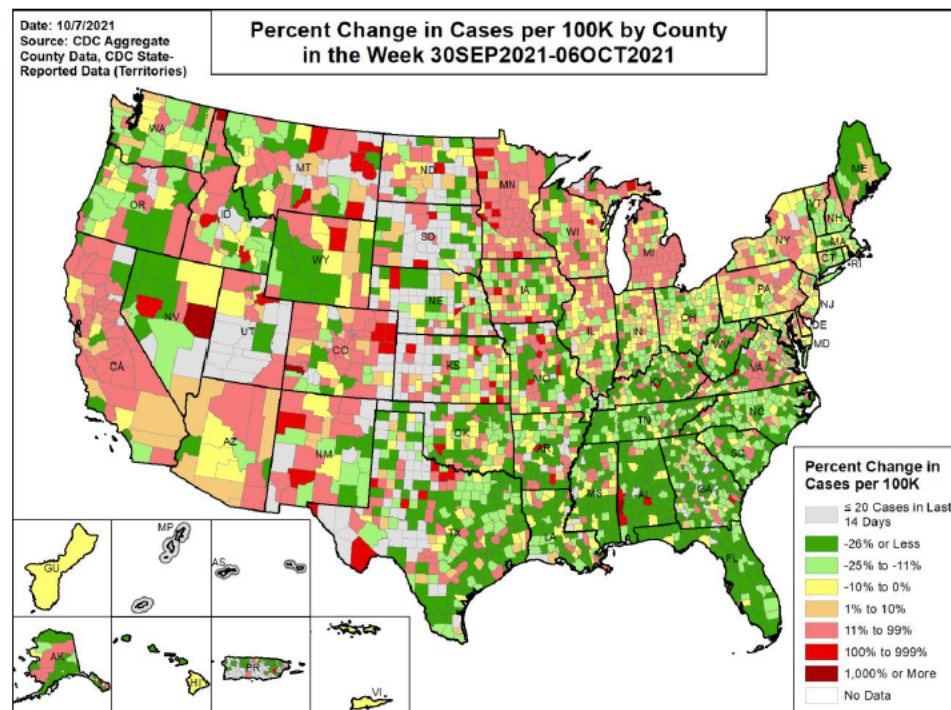
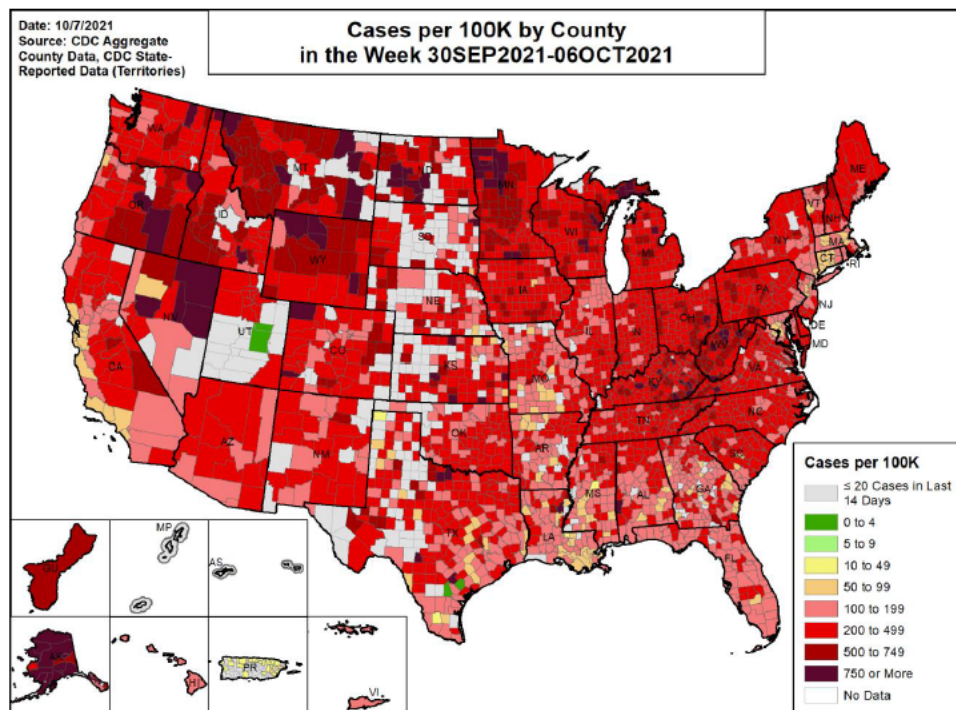
INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



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

Incidence Rate in the Last 7 Days: 201.3 per 100,000

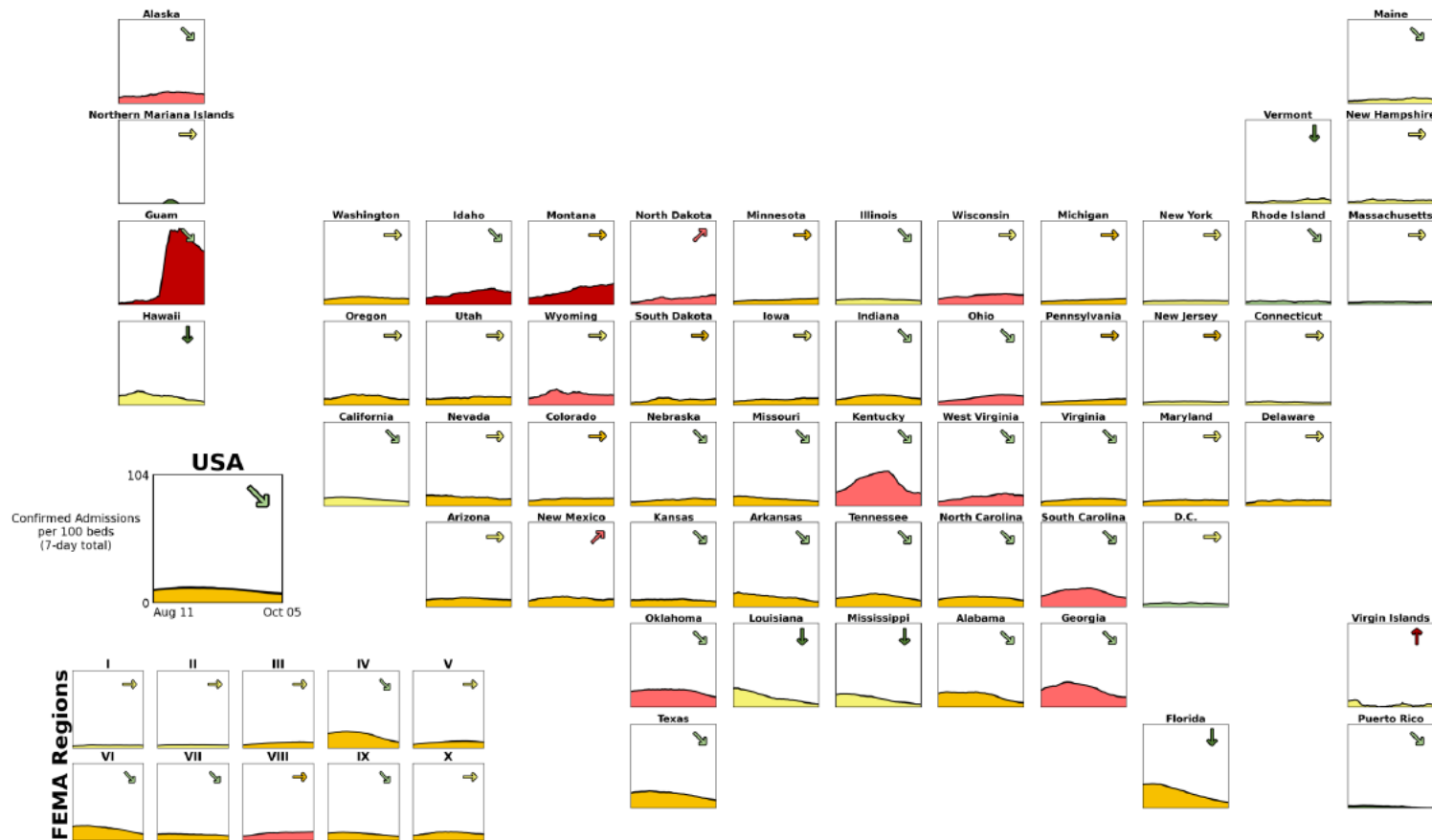
Percent Change from Previous 7 Days: -11.6%



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TRENDS IN HOSPITAL ADMISSIONS PER 100 BEDS DURING THE LAST 8 WEEKS



Confirmed admission rate categories
(based on confirmed COVID-19 admissions per 100 beds over the last 7 days)

1.0 or less
1.1 - 3.0
3.1 - 5.0
5.1 - 10.0
10.1 - 15.0
15.1 or more

Weekly % change categories
(arrow based on % change in weekly confirmed COVID-19 admissions)

-26% or less	↓
-25% - -11%	↘
-10% - 0%	→
+1% - +10%	→
+11% - +25%	↗
+26% or more	↑

Figure depicts confirmed hospital admissions per 100 inpatient beds.

Source: Unified Hospital Dataset. See Data Sources/Methods slides for additional details.

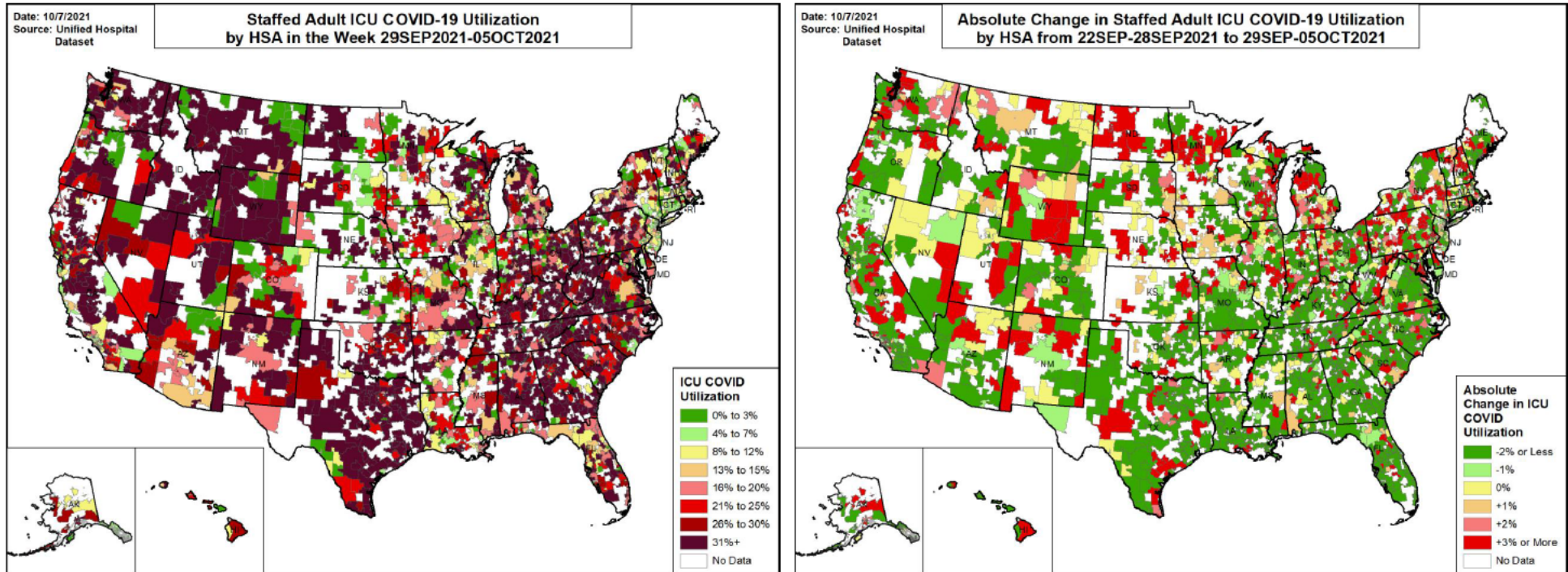
INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



STAFFED ADULT ICU COVID-19 UTILIZATION IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Average Daily Adult ICU COVID-19 Patients over Last 7 Days:
18,854

Percent Change from Previous 7 Days: -12.4%

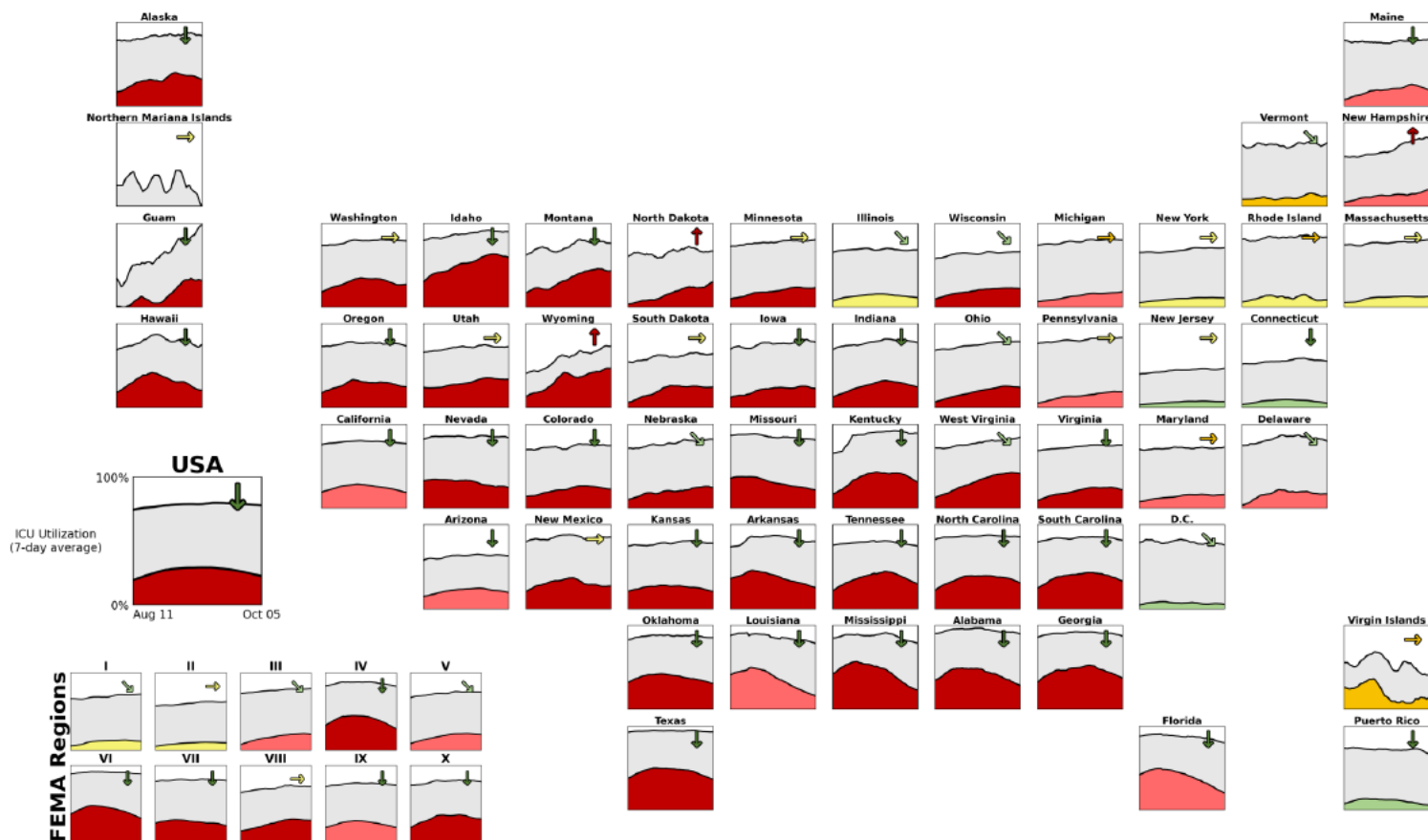


Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Staffed adult ICU COVID-19 utilization indicates average percentage of staffed adult ICU beds occupied by confirmed COVID-19 patients within the given time period. HSA indicates Hospital Service 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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TRENDS IN STAFFED ADULT ICU BED CAPACITY DURING THE LAST 8 WEEKS



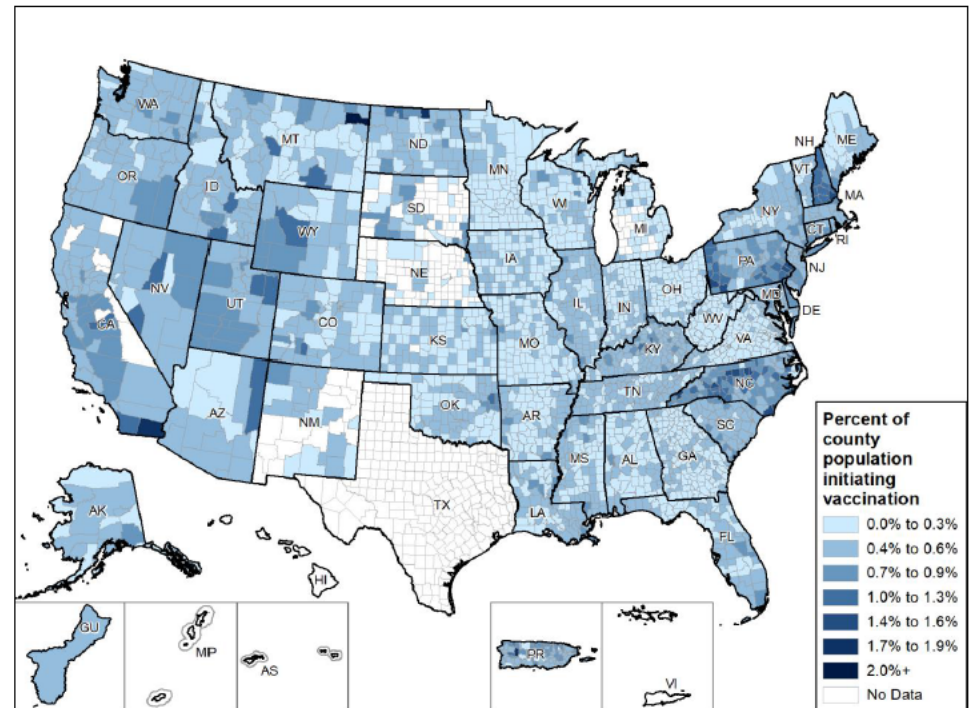
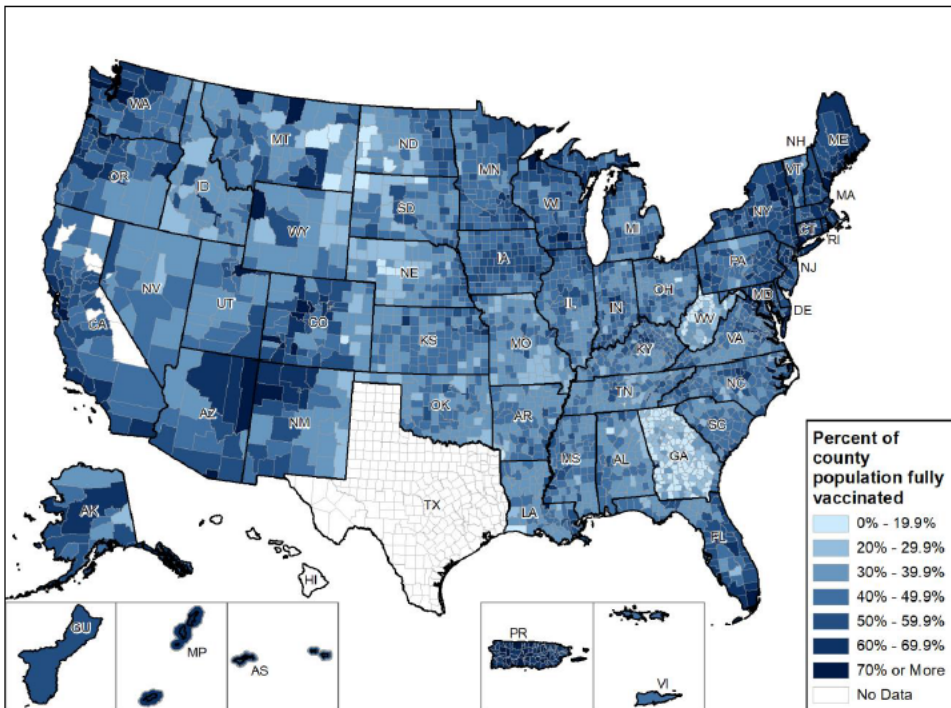
INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



VACCINATION RATES BY COUNTY

Percent of Population Fully Vaccinated: 56.2%
Percent of Population with at Least 1 Dose: 65.1%

Percent of Population Initiating Vaccination in the Last Week: 0.6%



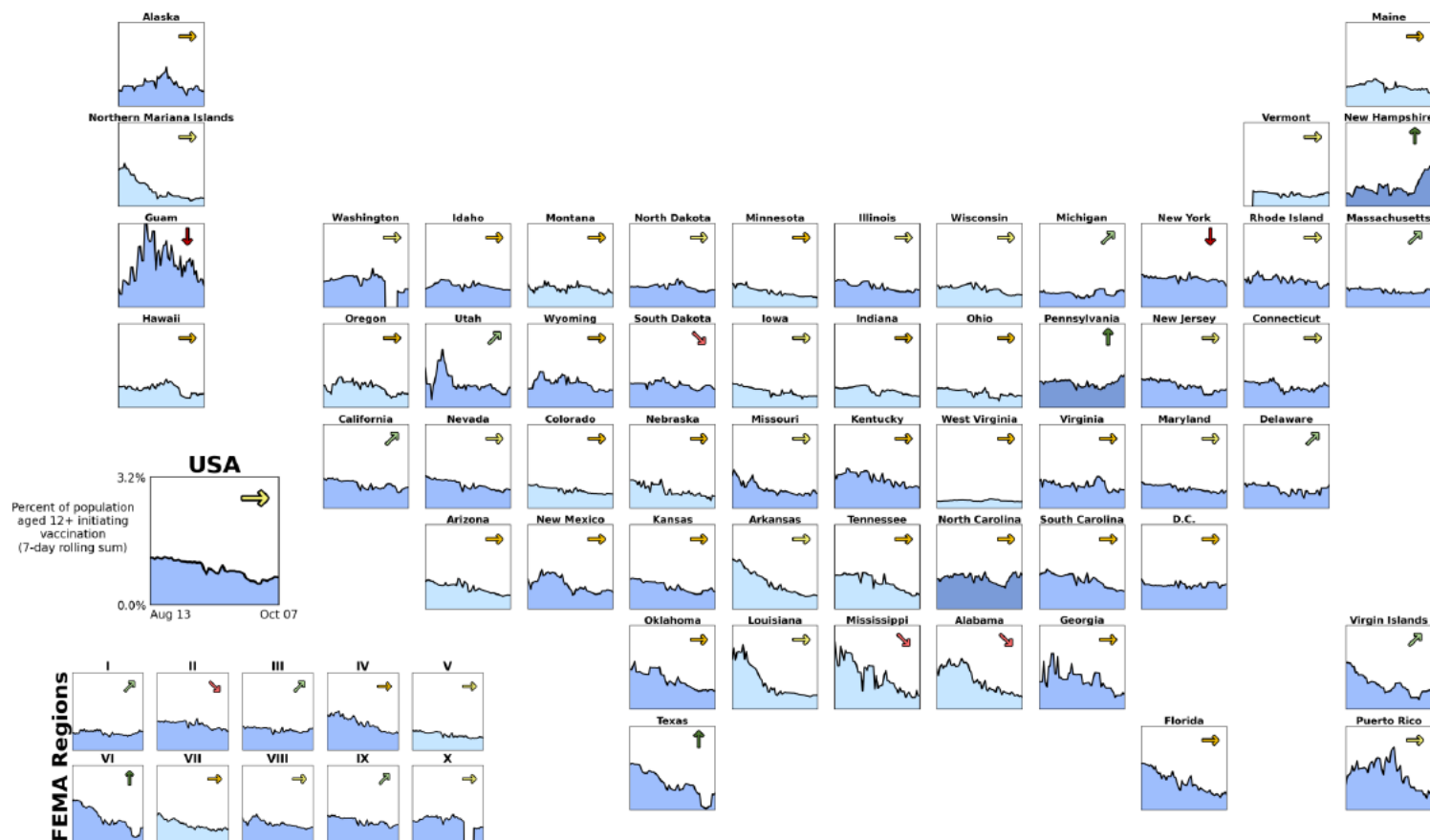
Source: Unified COVID-19 Vaccine Dataset. Fully vaccinated indicates those who received the second dose of Pfizer-BioNTech or Moderna vaccines and those who received one dose of J&J/Janssen COVID-19 vaccine. Initiating vaccination indicates those who have received the first dose of the Pfizer-BioNTech 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 $\leq 80\%$ completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties and CBSAs: VT (74%), WV (60%), GA (57%), FM (0%), AS (0%), TX (0%), PW (0%), HI (0%), MH (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.

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TRENDS IN PERCENT OF POPULATION AGED 12+ INITIATING VACCINATION DURING THE LAST 8 WEEKS



Percent of population 12+ initiating vaccination

(based on percent of population in last 7 days)

+0.5% or less

+0.6% - +1.0%

+1.1% - +1.5%

+1.6% - +2.0%

+2.1% - +2.5%

+2.6% - +3.0%

+3.1% or more

Weekly absolute change categories

(arrow based on absolute change in percent of population)

-0.26% or less ↓

-0.25% - -0.11% ↘

-0.10% - +0.01% →

+0.02% - +0.10% ↗

+0.11% - +0.25% ↑

+0.26% or more ↑

Source: Unified COVID-19 Vaccine Dataset. See Data Sources/Methods slides for additional details.

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.

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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

High

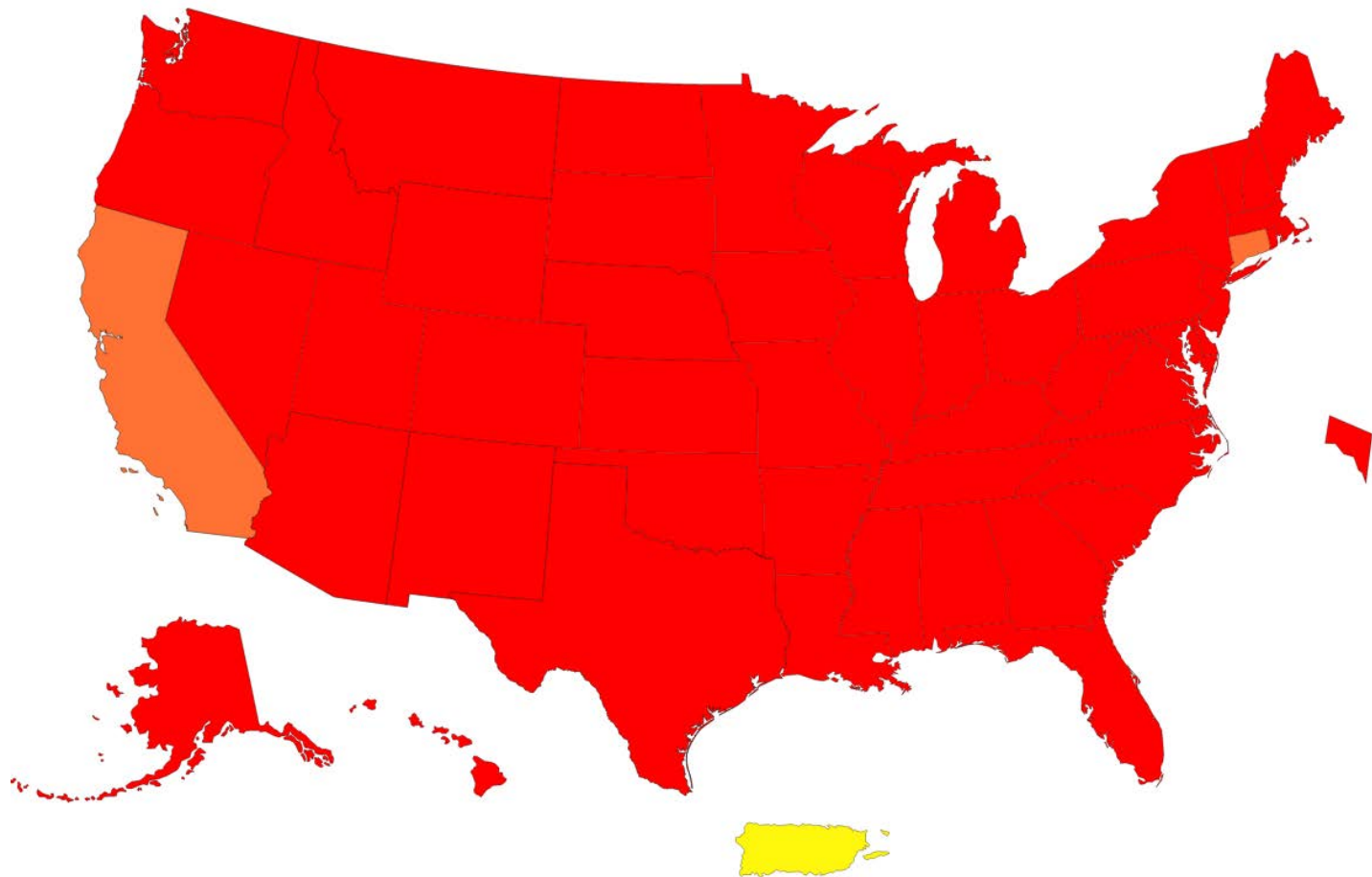
7 DAY CASE RATE PER 100,000

220.7

7 DAY PERCENT POSITIVITY

6.43%

CDC | Data as of: October 1, 2021 1:40 PM ET. Posted: October 1, 2021 2:55 PM ET



Territories



Level of Community Transmission



Variant Proportions
https://covid.cdc.gov/covid-data-tracker/#variant-proportions

Use the controls to focus on a specific region and/or 1-week interval

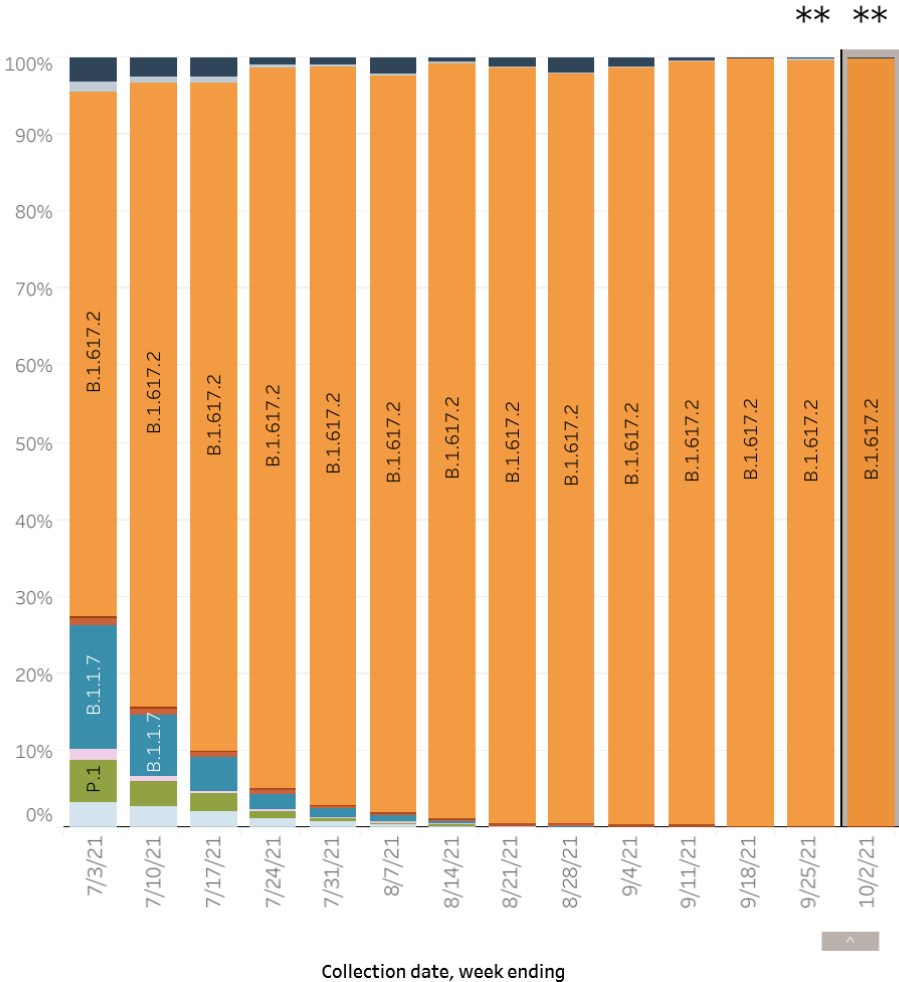
HHS Region: USA

Nowcast On / Nowcast Off

Week Ending: 10/2/2021

United States: 6/27/2021 – 10/2/2021

United States: 9/26/2021 – 10/2/2021 NOWCAST



USA

WHO label	Lineage #	US Class	%Total	95%PI
Alpha	B.1.1.7	VBM	0.0%	0.0-0.0%
Gamma	P.1	VBM	0.0%	0.0-0.0%
Delta	B.1.617.2	VOC	99.8%	99.7-99.9%
	AY.1	VOC	0.1%	0.0-0.1%
	AY.2	VOC	0.0%	0.0-0.0%
Iota	B.1.526	VBM	0.0%	0.0-0.0%
Mu	B.1.621	VBM	0.0%	0.0-0.0%
N/A	B.1.628		0.0%	0.0-0.0%
Other	Other*		0.1%	0.0-0.2%

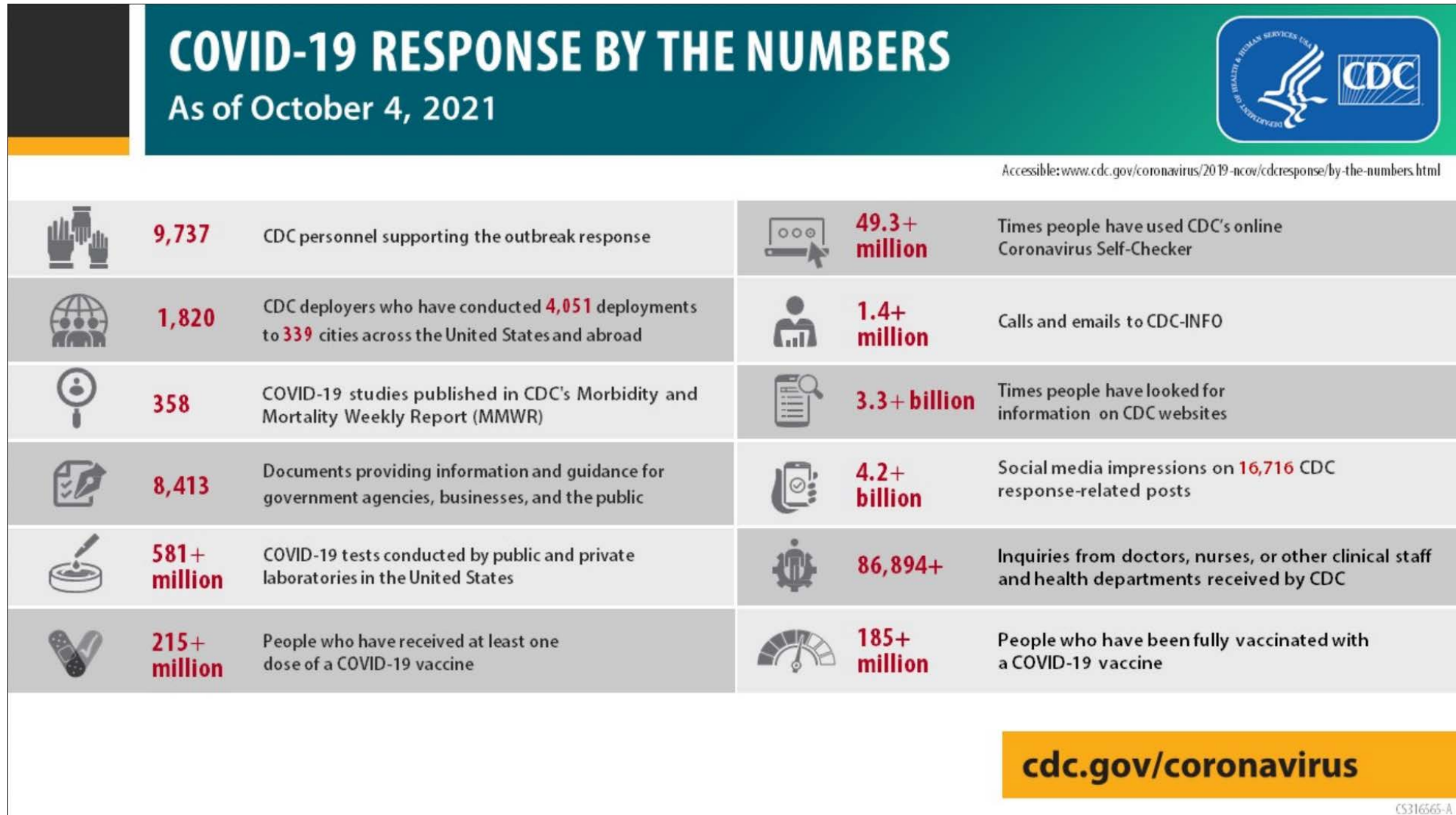
* Enumerated lineages are US VOC and lineages circulating above 1% nationally in at least one week period. "Other" represents the aggregation of lineages which are circulating <1% nationally during all weeks displayed.

** These data include Nowcast estimates, which are modeled projections that may differ from weighted estimates generated at later dates

Sublineages of P.1 and B.1.621 are aggregated with the parent lineage and included in parent lineage's proportion. Q.1-Q.8 are aggregated with B.1.1.7. AY.3-AY.32 and their sublineages are aggregated with B.1.617.2.

COVID-19 By the Numbers as of 09-27-2021

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

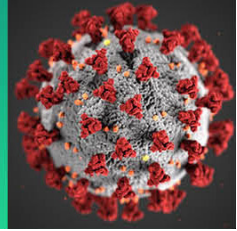


COVID-19 Science Update

Prepared by Justin Czerniak
justin.czerniak@norccollege.edu

Daily Situation Reports Archive
<https://www.norccollege.edu/sep/Pages/reports.aspx>

COVID-19 Science Update



<https://www.cdc.gov/library/covid19/scienceupdates.html?Sort=Date%3A%3Adesc>

[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](#)

[COVID-19 Science Update released: June 25, 2021 Edition 95](#)

[COVID-19 Science Update released: June 18, 2021 Edition 94](#)

CDC What's New & Updated

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

- 10/8/21 [Cases in the U.S.](#)
- 10/8/21 [Overall US COVID-19 Vaccine Distribution and Administration Update as of Fri, 08 Oct 2021 06:00:00 EST](#)
- 10/7/21 [COVID-19 Science Update released: October 8, 2021 Edition 108](#)
- 10/7/21 [COVID-19 Vaccines for Moderately to Severely Immunocompromised People](#)
- 10/7/21 [COVID Data Tracker Weekly Review](#)
- 10/7/21 [Distribution of SARS-CoV-2 Variants in a Large Integrated Health Care System — California, March–July 2021](#)
- 10/7/21 [National and State Trends in Anxiety and Depression Severity Scores Among Adults During the COVID-19 Pandemic — United States, 2020–2021](#)
- 10/7/21 [COVID-19 Outbreaks at Youth Summer Camps — Louisiana, June–July 2021](#)
- 10/7/21 [Multicomponent Strategies to Prevent SARS-CoV-2 Transmission — Nine Overnight Youth Summer Camps, United States, June–August 2021](#)
- 10/7/21 [The Hidden U.S. COVID-19 Pandemic: Orphaned Children – More than 140,000 U.S. Children Lost a Primary or Secondary Caregiver Due to the COVID-19 Pandemic](#)
- 10/7/21 [COVID Data Tracker Recent Updates - 2021-10-07 - COVID-19 vaccine booster dose data is now available for download on the Vaccinations in the US tab](#)
- 10/7/21 [COVID Data Tracker Recent Updates - 2021-10-07 - The Vaccinations in the US tab now displays the number and percent of booster doses by certain age groupings \(Total, 18+, 50+, and 65+\), and the number of people with a booster dose by vaccine type](#)
- 10/7/21 [COVID Data Tracker Recent Updates - 2021-10-07 - A new Vaccine Effectiveness tab shows vaccine effectiveness against hospitalizations and infections](#)
- 10/6/21 [How to Increase COVID-19 Vaccination upon Discharge from Hospitals, Emergency Departments & Urgent Care Facilities](#)
- 10/6/21 [COVID-19 Vaccine Booster Shot](#)
- 10/6/21 [Key Things to Know About COVID-19 Vaccines](#)
- 10/6/21 [COVID-19 Vaccines While Pregnant or Breastfeeding](#)
- 10/6/21 [COVID-19 Vaccines and Severe Allergic Reactions](#)
- 10/6/21 [SARS-CoV-2 Testing Strategy: Considerations for Non-Healthcare Workplaces](#)
- 10/6/21 [Health Departments: Information on COVID-19](#)
- 10/5/21 [COVID-19 Forecasts: Deaths](#)
- 10/5/21 [Previous COVID-19 Forecasts: Hospitalizations](#)
- 10/5/21 [Reporting COVID-19 Vaccinations in the United States](#)
- 10/5/21 [COVID-19 Vaccines for Older Adults](#)
- 10/5/21 [Selected Adverse Events Reported after COVID-19 Vaccination](#)

CDC Guidance

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

Evaluation for SARS-CoV-2 Testing in Animals

This is guidance for state public health veterinarians and state animal health officials to help guide decisions on testing animals for SARS-CoV-2. Date: 10/7/21

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

Guidance for employers for COVID-19 testing incorporation in the workplace and COVID-19 preparedness, response, and control plan. Date: 10/6/21

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: 10/6/21

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: 10/5/21

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

Guidance for employers for COVID-19 testing incorporation in the workplace and COVID-19 preparedness, response, and control plan. Date: 9/30/21

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: 9/26/21

Operational Considerations for Adapting a Contact Tracing Program to Respond to the COVID-19 Pandemic in non-US Settings

Contact tracing is a key component of controlling transmission of infectious diseases. This document is for CDC country offices, ministries of health, sub-national public health authorities, and other implementing partners in non-US settings. While select adaptations may be relevant for any jurisdiction, the document focuses on adaptations that might be especially useful in low- and middle-income countries. Date: 9/21/21

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.healthypacesindex.org/>
<https://map.healthypacesindex.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>



Vaccinations administered in California, by county of residence.

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

Statewide



24,155,680 (71.2%) People fully vaccinated
2,704,057 (8.0%) People partially vaccinated

50,366,742 (86.4%) Doses administered
95,335 Average doses per day



4,956,927 Doses on hand
(52 days of inventory)



58,284,615 Doses Delivered
20,380,720 CDC Pharmacy Doses Delivered

See [Data Dictionary](#) for Details.

Doses Administered by County of Residence

County

(All)



Los Angeles	12,947,164
San Diego	4,511,903
Orange	4,175,127
Santa Clara	2,945,012
Riverside	2,615,398
Alameda	2,386,896
San Bernardino	2,175,355
Sacramento	1,851,221
Contra Costa	1,697,036
San Francisco	1,353,487
San Mateo	1,159,307
Ventura	1,099,018
Fresno	1,058,606
San Joaquin	826,833
Kern	812,152
Sonoma	704,535
Stanislaus	564,262
Santa Barbara	556,074
Monterey	546,323
Solano	538,848

Data: 10/7/2021 11:59pm | Posted: 10/8/2021

Post-Vaccine COVID-19 Cases

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Post-Vaccine-COVID19-Cases.aspx>

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?

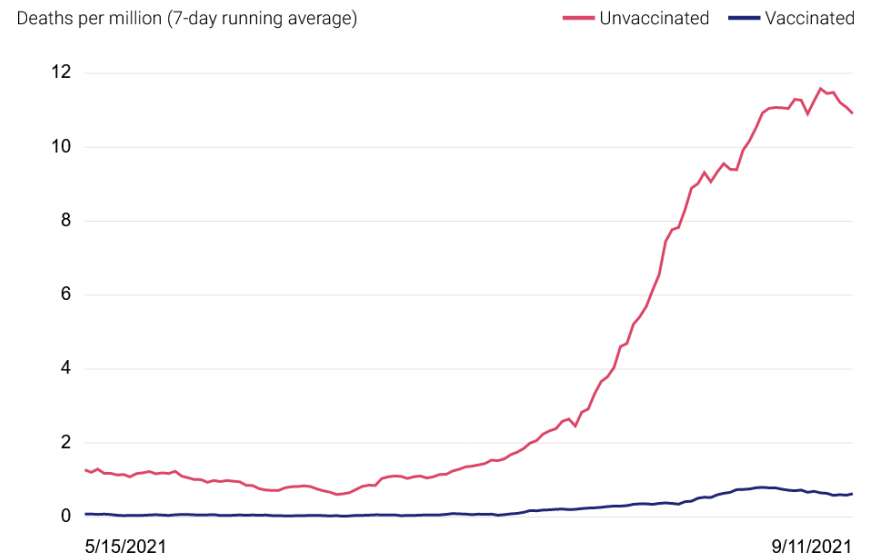
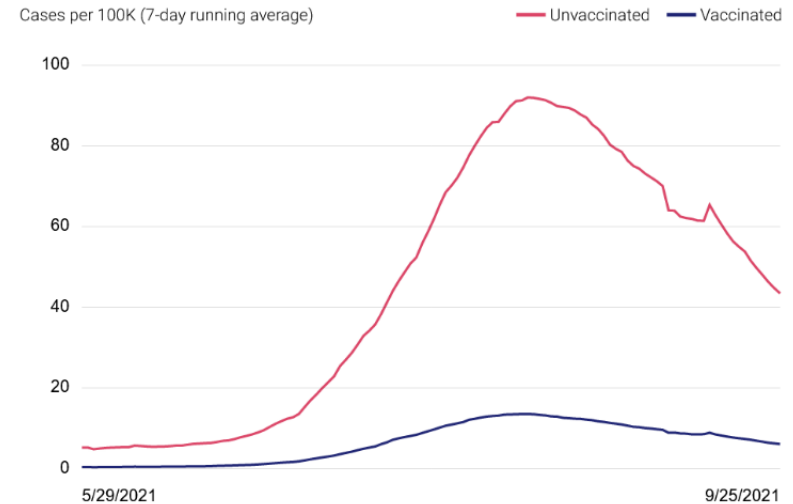
The California Department of Public Health (CDPH) is identifying post-vaccination cases by analyzing the immunization and case registries to find individuals who have a positive SARS-Cov-2 molecular test at least 14 days after they have completed their full vaccination series. Local Health Jurisdictions (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

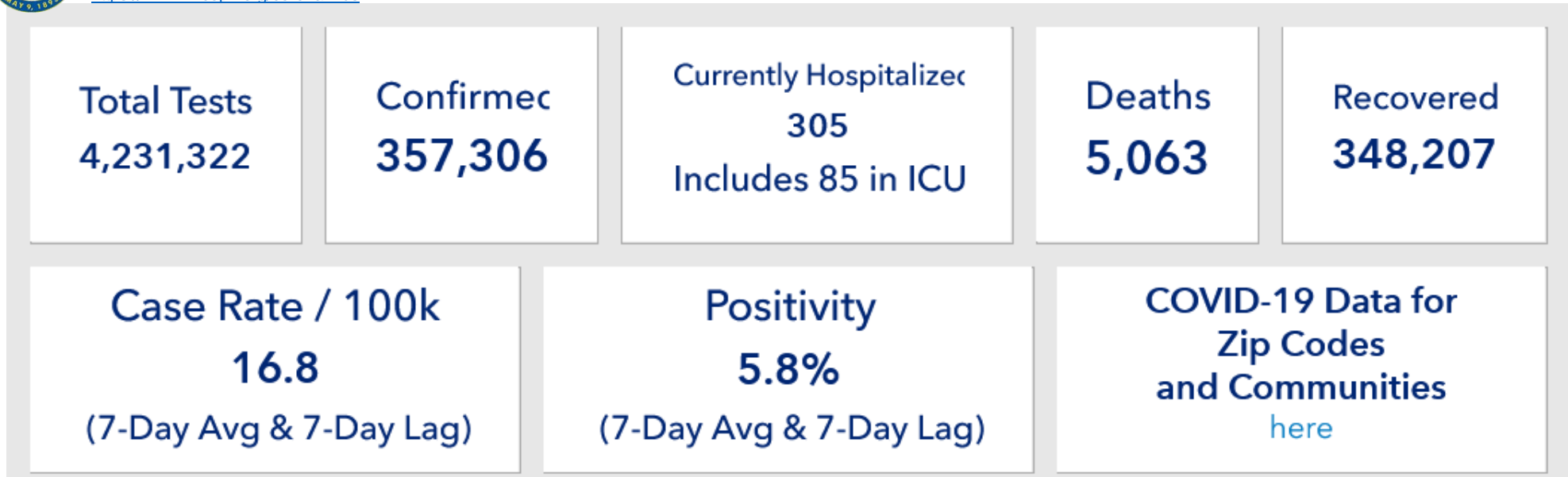
<https://covid19.ca.gov/state-dashboard/#postvax-status>





Riverside County Data

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



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

RUHS Public Health News:

- 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

COVID-19 Vaccine

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

RUHS Public Health:

- [Pfizer Covid Vaccine Updated EUA](#) – **August 23, 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 \(Covid-19\)](#) – **August 23, 2021**

RIVERSIDE COUNTY DAILY COVID-19 REPORT

<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/DailyEpidemiologySummary.pdf?x=1633733201144>



Oct 8, 2021 -

RIVERSIDE COUNTY COVID-19 CASES

TOTAL CASES

357,306

NEW REPORTED CASES

400

TOTAL DEATHS

5,063

NEW DEATHS

8

TOTAL RECOVERED

348,207

PROBABLE CASES*

15,058

CURRENT HOSPITALIZED (includes ICU)

305

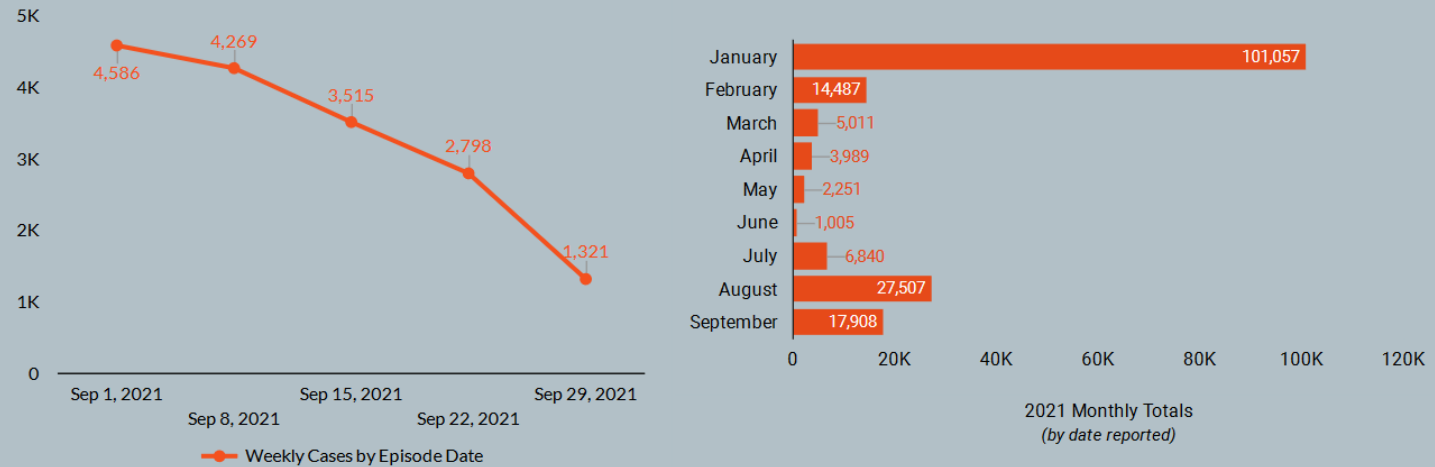
CURRENT ICU

85

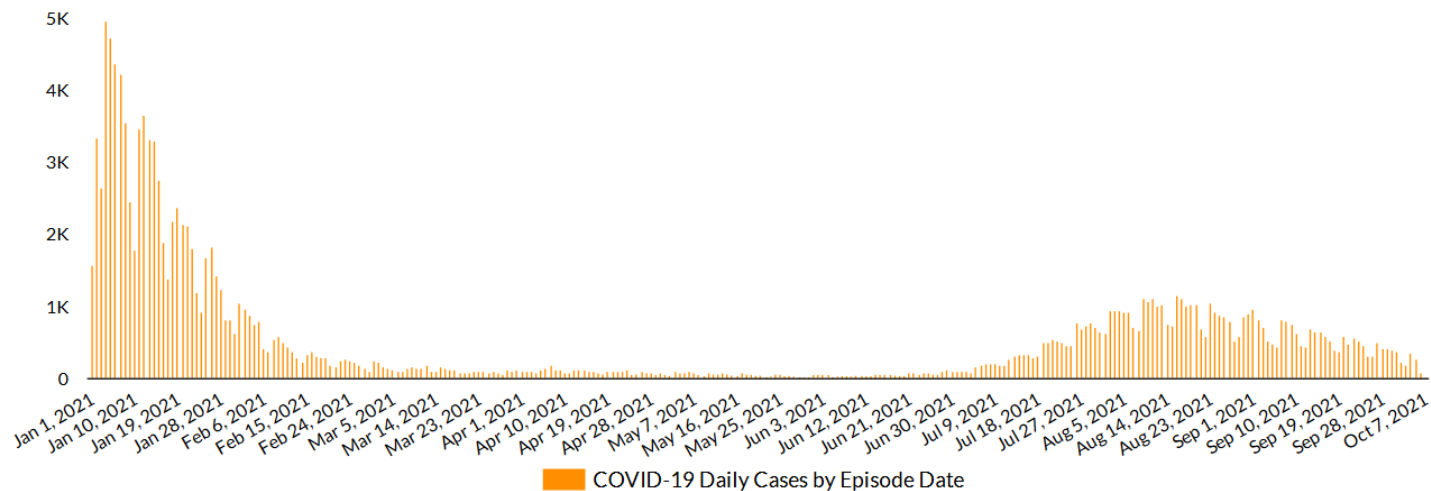
DOUBLING TIME

282.0

Recent COVID-19 in Riverside County



Cumulative COVID-19 Cases in Riverside County

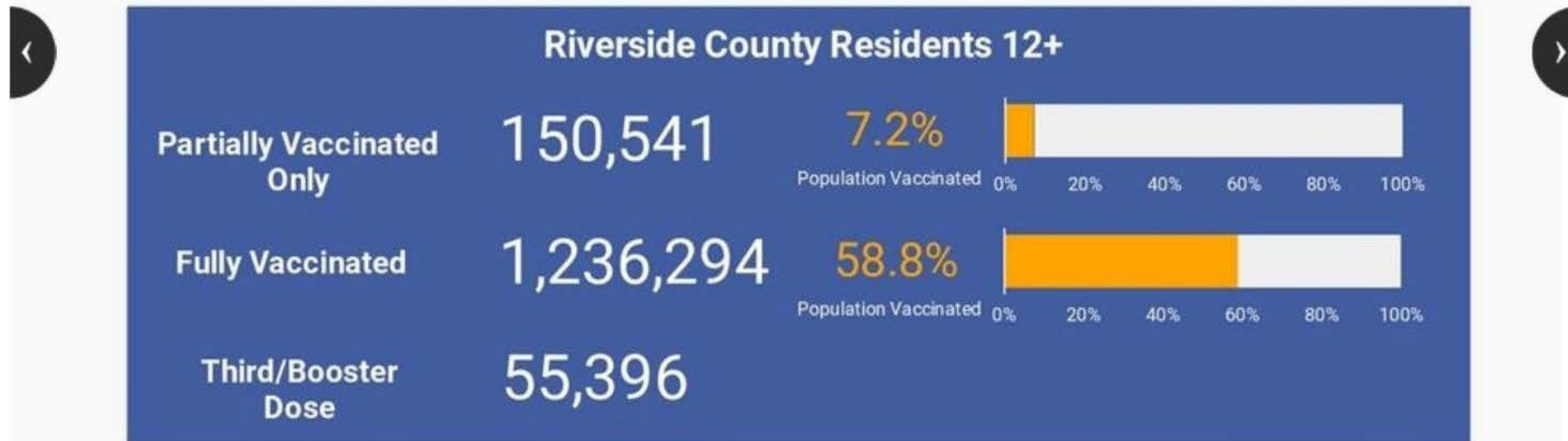




OPERATION RIVCO SHIELD


RIVERSIDE COUNTY COVID-19 VACCINE UPDATE

October 8, 2021
(Data as of 10/07/2021)



- CVS, Kaiser Permanente, and other multi-county entities and federal vaccine program providers are not counted in our doses received but are counted in doses administered.
- Total received includes vaccine doses that have been shipped but may not have arrived.
- Total administered includes Riverside County residents vaccinated out of the county and out of county residents vaccinated in Riverside County.
- Data are derived from numerous sources and should be interpreted with caution.
- California Department of Finance. Demographic Research Unit. Report P-3: Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento: California. April 2021.

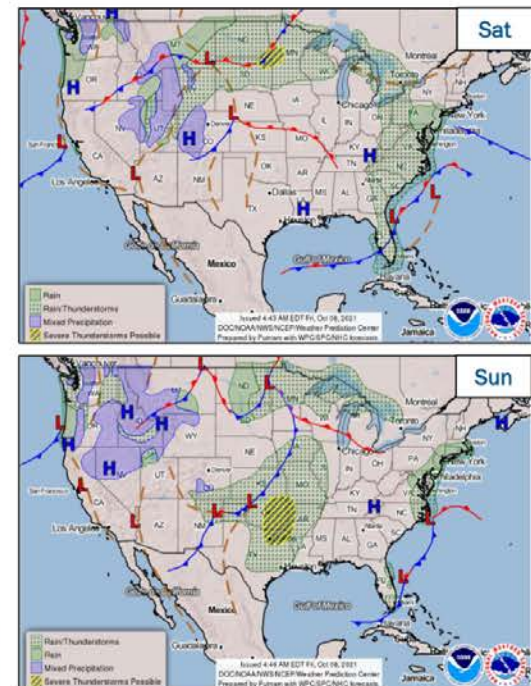
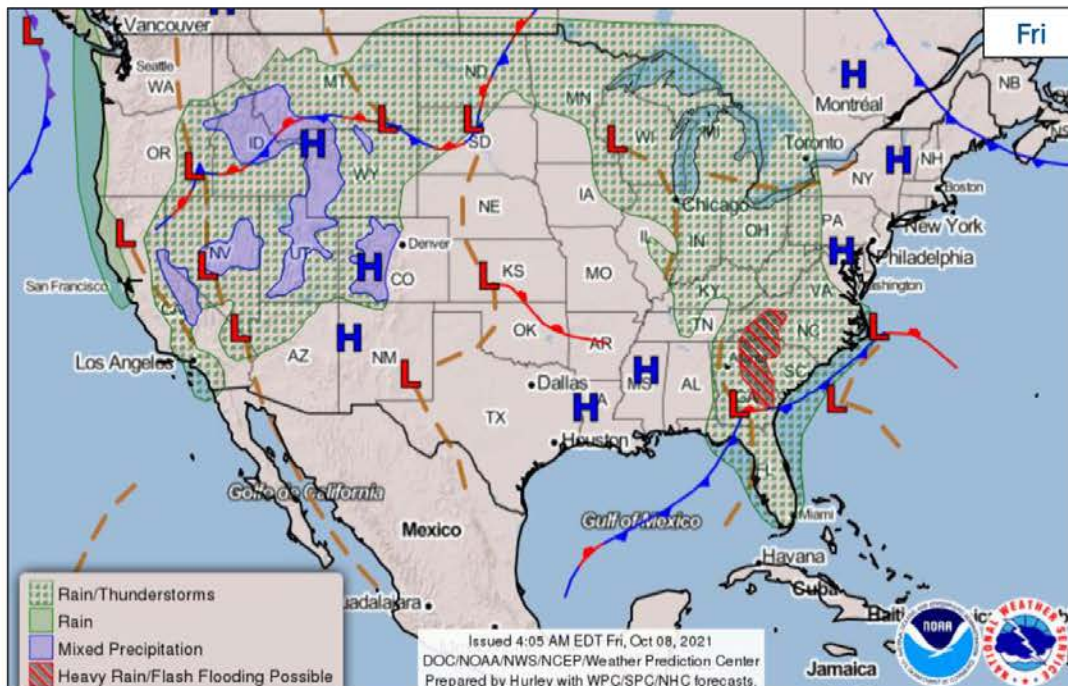
Weather

 National Weather Service San Diego, California		Weather Risk Outlook 11:00 AM Friday October 8, 2021						
County	Zone	Fri 10/8	Sat 10/9	Sun 10/10	Mon 10/11	Tue 10/12	Wed 10/13	Thu 10/14
San Diego	Beach/Marine	None	None	None	Windy/Elevated Surf	Windy/Elevated Surf	None	None
	Coast	None	None	None	Breezy	Breezy	None	None
	Valleys	None	None	None	Few Showers	Few Showers	None	None
	Mountains	Breezy/Few Showers	None	None	Windy/Few Showers	Windy/Few Showers	Cold	None
	Desert	Breezy	None	None	Windy	Windy	None	None
Orange	Beach	None	None	None	Windy/Elevated Surf	Windy/Elevated Surf	None	None
	Coast	None	None	None	Breezy	Breezy	None	None
	Inland	None	None	None	Breezy	Breezy	None	None
	Mountains	Breezy/Few Showers	None	None	Breezy	Breezy	None	None
Riverside	Inland Empire	None	None	None	Few Showers	Few Showers	None	None
	Mountains	Breezy/Few Showers	None	None	Windy/Few Showers	Windy/Few Showers	Cold	None
	Desert	Breezy	None	None	Windy	Windy	None	None
San Bernardino	Inland Empire	None	None	None	Few Showers	Few Showers	None	None
	Mountains	Breezy/Few Showers	None	None	Windy/Few Showers	Windy/Cold/ Few rain and Snow Showers	Cold	None
	Desert	Breezy	None	None	Windy/Few Showers	Windy/Cold/Few Showers	Cold	None
<div> Impact Threat Levels None Minor Moderate High Extreme </div>								

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

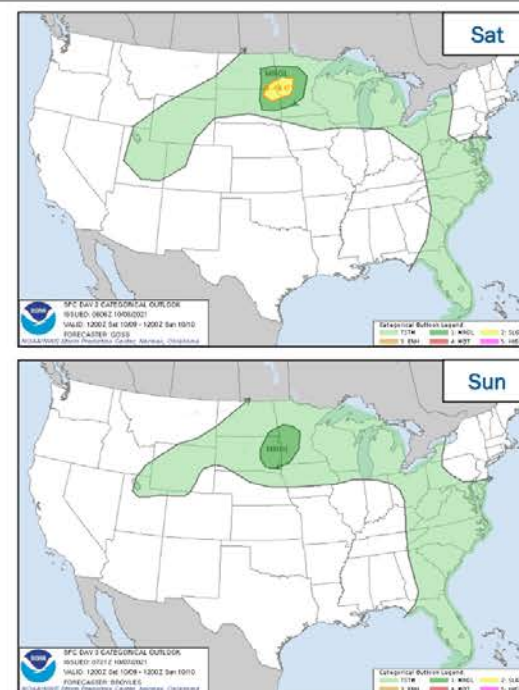
<https://www.weather.gov/forecastpoints#>

National Weather Forecast



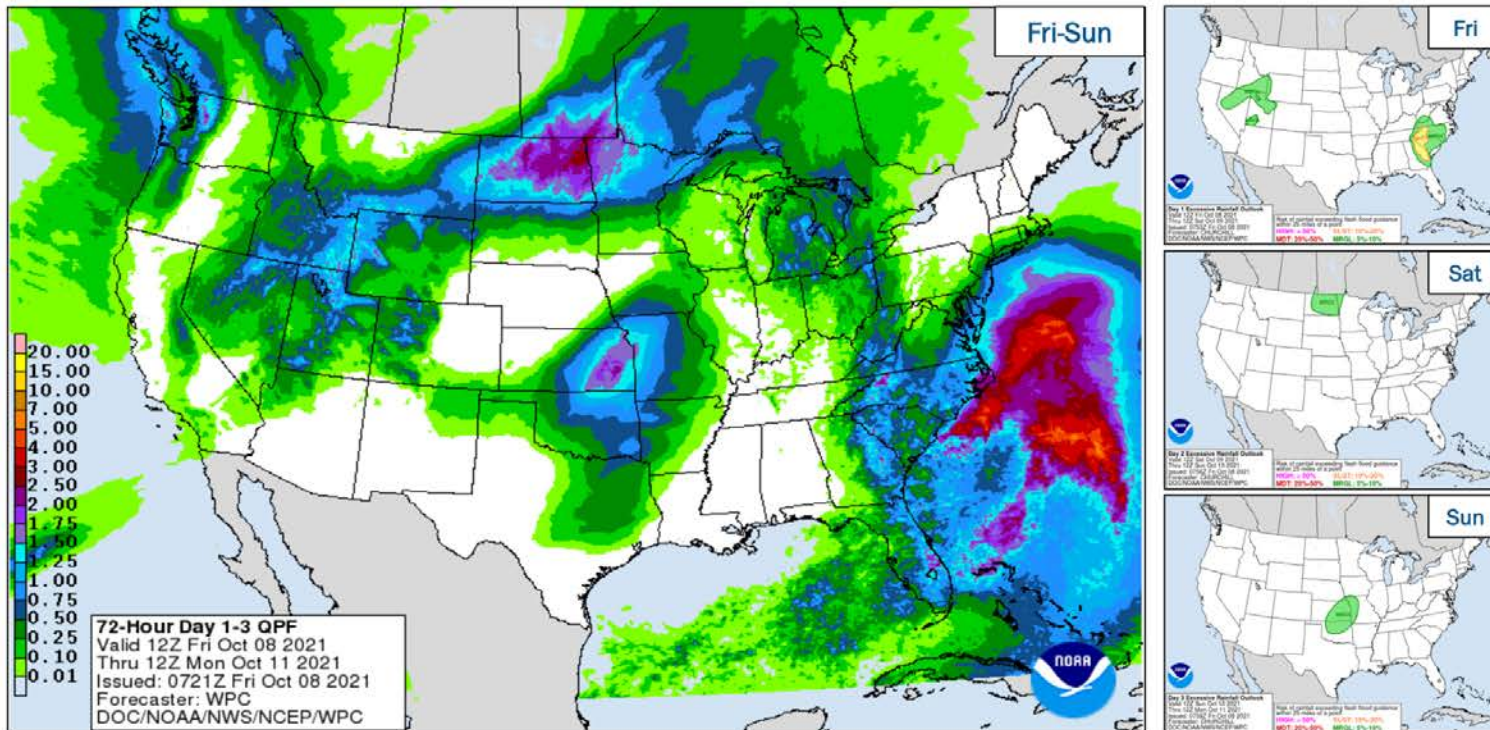
National Watch Center

Severe Weather Outlook



National Watch Center

Precipitation & Excessive Rainfall

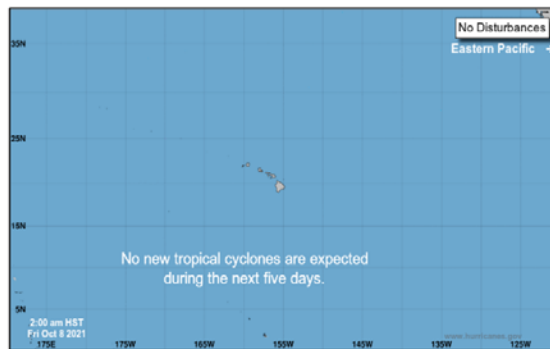


FEMA

National Watch Center

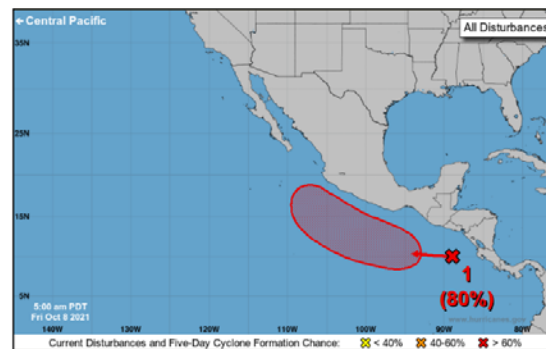
Tropical Outlook – Five Day

Central Pacific



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

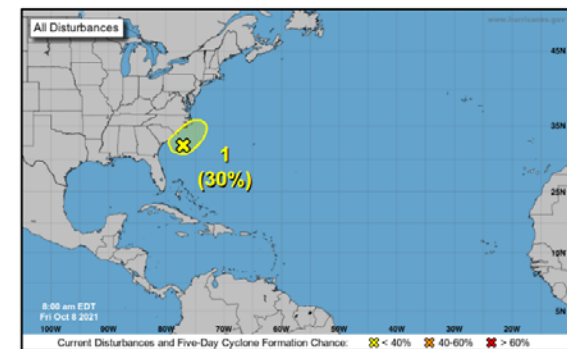
Eastern Pacific



Disturbance 1 (as of 8:00 a.m. ET)

- Located a few hundred miles S of the coast of southern Mexico
- Tropical depression is likely to form over the weekend or early next week
- Formation chance: 48 hours: Med (40%); 5 days: High (80%)

Atlantic



Disturbance 1 (as of 8:00 a.m. ET)

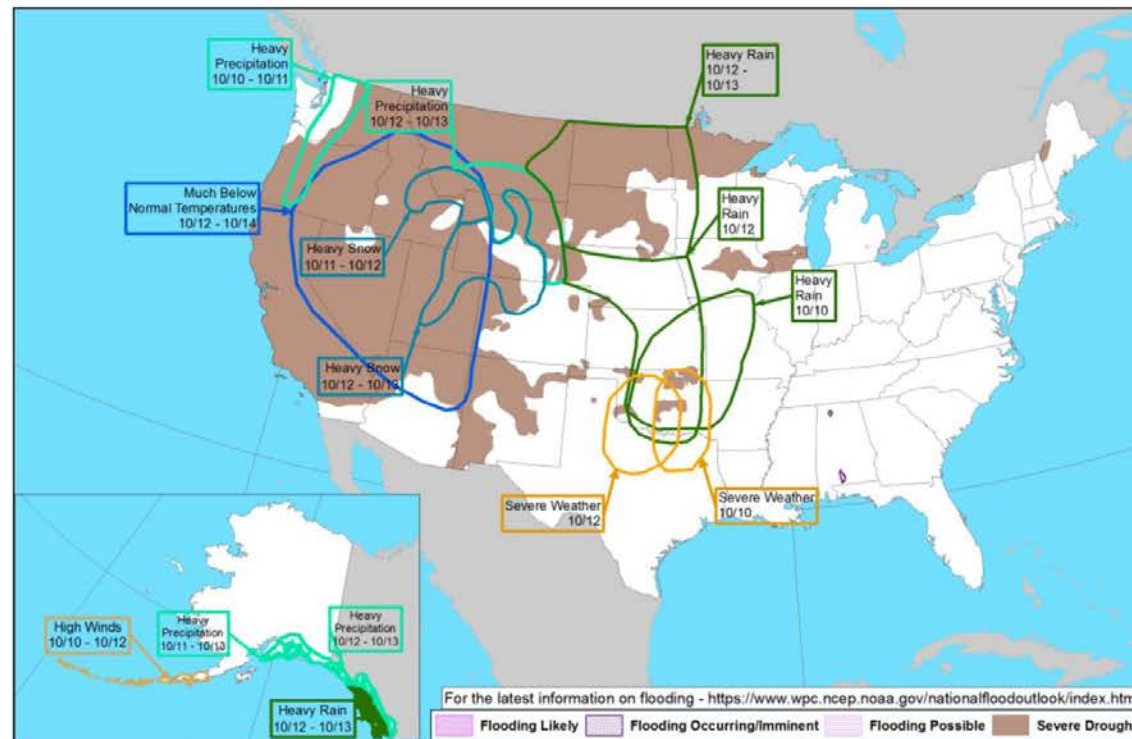
- 150 miles off the coast of South Carolina
- Regardless of development, the system could bring gusty winds and locally heavy rain to eastern portions of the Carolinas through the weekend
- Formation chance: 48 hours: Low (30%); 5 days: Low (30%)



FEMA

National Watch Center

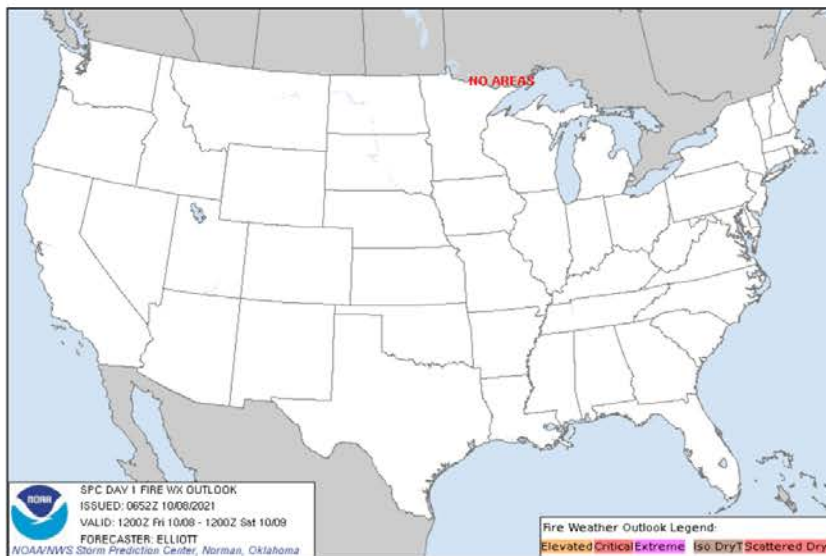
Hazards Outlook – Oct 10 - 14



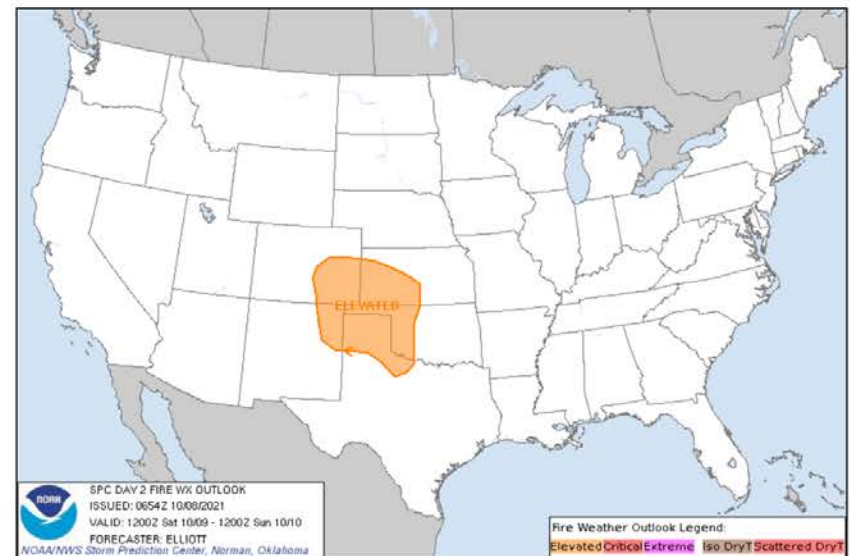
FEMA

National Watch Center

Fire Weather Outlook



Today



Tomorrow

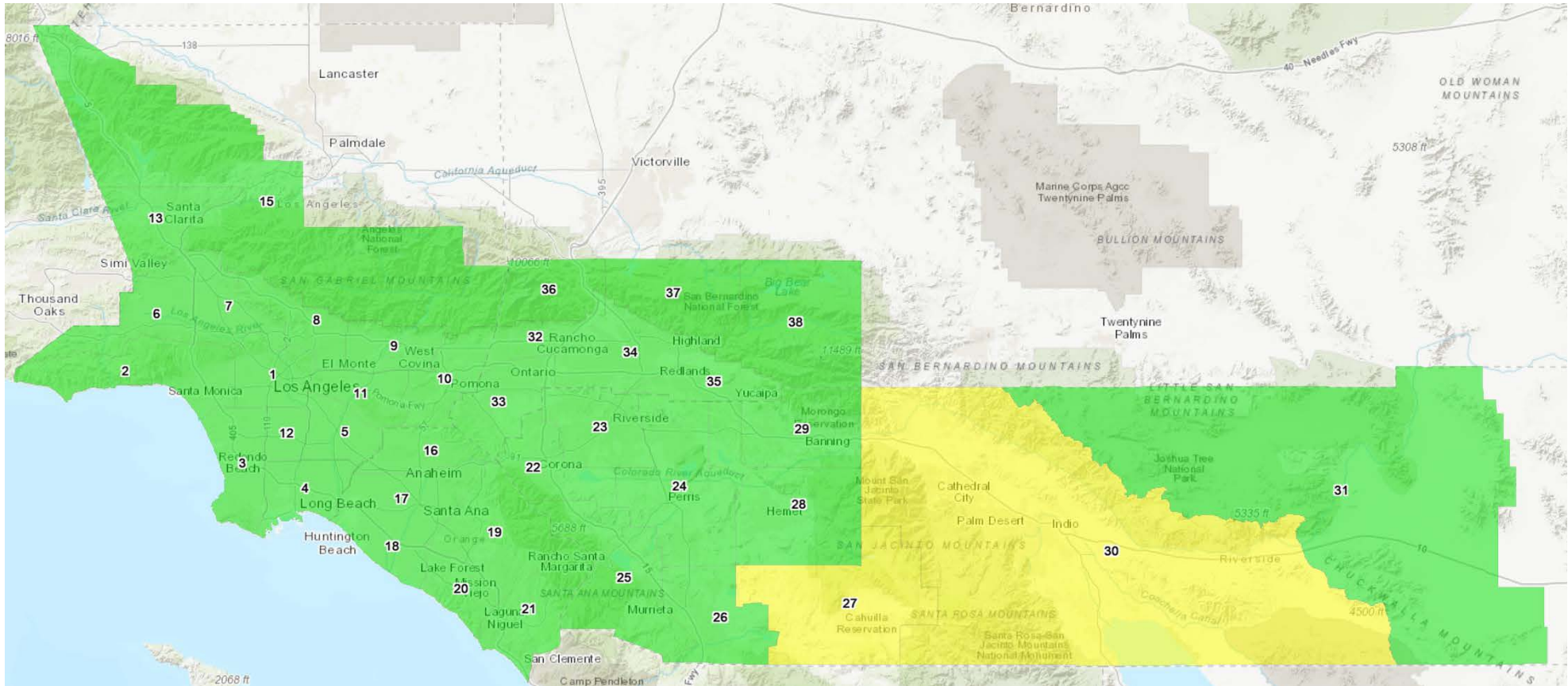


National Watch Center



Today's Forecast

<https://www.arcgis.com/apps/webappviewer/index.html?id=85c7770bac684749a631bd7b42eac1b7>



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)