



****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 1, 2021

As of 2:00 PM

COVID-19 by the Numbers

10/1/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	346,502	31,595	117,601	1,393,388	296,935	340,629	355,899	27,789	42,328	94,749	4,488,300	9,864,182	233,503,524
Total Cases Per Capita	14,039	16,486	12,683	13,584	9,197	15,362	10,559	9,965	9,275	11,111	11,185	2,968	3,008
% of Total Cases/Population	14.04%	16.49%	12.68%	13.58%	9.20%	15.36%	10.56%	9.97%	9.27%	11.11%	11.18%	2.97%	3.01%
Recovered**	343,843	28,073	126,253	Not Reported	283,787	336,498	Not Reported	26,568	41,879	93,081	2,451,046	33,721,729	211,561,818
% of total recovered/population	13.93%	14.65%	13.62%	Not Reported	8.79%	15.18%	Not Reported	9.53%	9.18%	10.92%	6.11%	10.15%	2.73%
Total Deaths	4,886	757	299	26,098	5,429	5,539	4,066	323	507	1,144	33,024	193,967	4,777,503
Deaths Per Capita	197.96	394.99	32.25	254.43	168.16	249.80	120.64	115.83	111.09	134.15	82.29	58.36	61.54
% of Total Deaths/Population	0.20%	0.39%	0.03%	0.25%	0.17%	0.25%	0.12%	0.12%	0.11%	0.13%	0.08%	0.06%	0.06%
% of State's Cases	7.72%	0.70%	2.62%	31.04%	6.62%	7.59%	7.93%	0.62%	0.94%	2.11%	45.50%	4.22%	
Currently in Hospitals	347	21	238	862	283	315	345	30	42	76	4,880		
Total Hospital Beds	3,463	236	1,213	19,334	5,965	3,648	6,495	443	614	1,166	66,520		
Currently in ICU	99	6	77	269	76	104	111	3	15	18	1,382		
ICU Beds Available	60	7	13	551	160	138	203	15	18	33	1,801		
Case Fatality Rate	1.41%	2.40%	0.25%	1.87%	1.83%	1.63%	1.14%	1.16%	1.20%	1.21%	0.74%	1.97%	2.05%
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	332,345,359	7,763,643,000
% of Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	0.69%	1.14%	2.13%	12.07%	4.28%	

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
More detail on page 2

US Data
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State Data
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County of Riverside
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Weather
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Air Quality
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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.

Newsom orders COVID vaccines for eligible students, the first K-12 school mandate in nation

- The first such action in the nation, Gov. Gavin Newsom issued a mandate Friday requiring all eligible public and private schoolchildren in California to be vaccinated against COVID-19, a policy the state expects to affect millions of students.
- The mandate would take effect for grades 7 through 12 the semester following the U.S. Food and Drug Administration's full approval of the vaccine for children ages 12 and older, according to the governor's office. Students in kindergarten through sixth grade would be phased in after the vaccine is formally approved for younger children.
- The mandate could take effect for students 12 and older as early as January 2022 if there is full federal approval for a COVID-19 vaccine for that age range, the governor said in remarks at a San Francisco school.
- "There's still a struggle to get to where we need to be," Newsom said about the effort to contain the pandemic. "And that means we need to do more, and we need to do better."

<https://www.latimes.com/california/story/2021-10-01/newsom-sets-covid-vaccine-mandate-across-california-schools?fbclid=IwAR175gc-nv-MOIdB9UeOUTnHwTdIOF4DOV9OGyZIDEp2UTu2EeE9Bwscdw>

Pfizer Submits Favorable Initial Data To The FDA On Kids' COVID-19 Vaccine Trial

- Pfizer and BioNTech are another step closer to seeking authorization for young children to receive the COVID-19 coronavirus vaccine, submitting data to the Food and Drug Administration that shows a "robust" antibody response and "favorable" safety outcomes in kids ages 5 to 11 who received the two-dose regimen in clinical trials.
- The companies plan to submit a formal request for emergency-use authorization of the vaccine for that age range "in the coming weeks," they said Tuesday.
- News of the data submission comes a week after Pfizer announced promising results from the trials, which have been closely watched by parents eager to protect their children from the coronavirus. COVID-19 has now killed more than 690,000 people in the U.S., with millions more sickened by the disease.
- The trial, one of several companies are conducting for children in three different age groups, included 2,268 participants.
- Children received two vaccine doses of 10 micrograms — notably smaller than the pair of 30-microgram doses used in an earlier successful trial for people 16 to 25 years old. The smaller vaccine dose "was carefully selected as the preferred dose for safety, tolerability and immunogenicity," the companies said.

https://www.npr.org/sections/coronavirus-live-updates/2021/09/28/1041100773/pfizer-fda-kids-covid-coronavirus-vaccine-authorization-results?utm_campaign=npr&utm_medium=social&utm_source=twitter.com&utm_term=nprnews

NIAID issues new awards to fund "pan-coronavirus" vaccines

- NIAD awarded approximately \$36.3 million to three academic institutions to conduct research to develop vaccines to protect against multiple types of coronaviruses and viral variants. The awards are intended to fuel vaccine research for a diverse family of coronaviruses, with a primary focus on potential pandemic-causing coronaviruses, such as SARS-CoV-2.
- [Emergency Awards Notice of Special Interest \(NOSI\) on Pan-Coronavirus Vaccine Development Program Projects](#). The notice was issued in November 2020 while many SARS-CoV-2 vaccines were still under development because a critical need remained for prophylactic vaccines offering broad protective immunity against other coronaviruses, such as Middle East Respiratory Syndrome Coronavirus (MERS-CoV) and Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV).

<https://www.nih.gov/news-events/news-releases/niaid-issues-new-awards-fund-pan-coronavirus-vaccines>

A sheriff told a Wisconsin teenager to take down a COVID-19 Instagram post. A judge ruled it a First Amendment violation.

- A Wisconsin deputy threatened to arrest a teenager over COVID-19 social media posts in March 2020.
- Amyiah Cohoon had posted about her experience with what she and her doctors believed was COVID-19.
- On Friday, a judge ruled that the threat violated Cohoon's first amendment right.

<https://www.yahoo.com/news/sheriff-told-wisconsin-teenager-down-063601629.html>

20-year-old student brain dead from COVID complications after contracting it at university, mom says

- Tyler Gilreath, 20, a University of North Carolina Wilmington student was brain dead from complications of the virus, soon to be taken off life support.
- Gilreath, from Cary, contracted COVID-19 last month, [WECT was the first to report](#). His mother, Tamra Demello, is still trying to process it.
- Demello said she tried over the summer to convince Gilreath to get vaccinated, but he was "stubborn as hell. This was about two weeks before he moved and he was having a good time, wrapping things up and seeing friends." Within a few days of arriving in Wilmington for the start of school, Tyler got sick. Tyler, who was studying computer science, never even made it to campus.

<https://abc7.com/tyler-gilreath-uncw-unc-w-student-dies-from-covid-university-of-north-carolina-wilmington/11057473/>

Fauci says new pill 'impressive' at keeping COVID patients alive and out of hospitals

- A new pill to treat COVID-19 has shown "impressive" results in clinical trials, Dr. Anthony Fauci, the top medical adviser to President Biden, said during a Friday briefing by the White House pandemic response team.
- The drug, called molnupiravir, is an antiviral treatment developed by the pharmaceutical giant Merck in conjunction with Ridgeback Biotherapeutics. In a press release, Merck said the drug, which is taken by mouth, "significantly reduced the risk of hospitalization or death" when administered to "at risk, non-hospitalized adult patients with mild-to-moderate COVID-19."
- Merck said that after 29 days, none of the 385 patients who had been given the new drug died, and only 28 had needed to be hospitalized. In a control group, which included 377 people receiving a placebo, 53 people required hospitalization and eight died.
- Fauci said that he and others were apprised of the "very good news" by Merck on Thursday evening. He said Merck said it would submit its data "imminently" to the Food and Drug Administration.
- "The data are impressive," Fauci added, even as he cautioned that approval from the FDA could take time. Still, the federal government has already bought 1.7 million doses of molnupiravir, White House pandemic response team coordinator Jeff Zients said, a strong indication that approval is expected in due time.

<https://news.yahoo.com/fauci-says-new-pill-impressive-at-keeping-covid-patients-alive-and-out-of-hospitals-181412672.html>

The Latest on COVID-19 Boosters

- More than 180 million Americans, including more than 80 percent of people over age 65, are fully vaccinated against the SARS-CoV-2 virus responsible for COVID-19. There's no question that full vaccination is the best way to protect yourself against this devastating virus and reduce your chances of developing severe or long-lasting illness if you do get sick. But, to stay ahead of this terrible virus, important questions do remain. A big one right now is: How soon will booster shots be needed and for whom?

<https://directorsblog.nih.gov/2021/09/28/the-latest-on-covid-19-boosters/>

A Michigan doctor said 6 out of 8 patients who questioned his medical advice on COVID-19 have died

- A Michigan pulmonologist recounted interactions with eight patients who were severely suffering from COVID-19 while they ignored the reality of the virus in a [Facebook post](#).
- On Friday, [Dr. Matthew Trunsky](#), the director of the palliative care unit at a Beaumont Health network hospital in Troy, Michigan, told [The Washington Post](#) six of those eight patients have since died.
- In his September 11 Facebook post, Trunsky said some of the patients denied having the virus, requested unproven and unapproved treatments like [ivermectin](#) or [hydroxychloroquine](#), or even said: "I'd rather die than take the vaccine."
- Trunsky said while the rollout of COVID-19 vaccines in December gave him hope that the situation would get better, that turned around as the Delta variant spread and cases rose again, mostly among the unvaccinated.
- He told the Post while some unvaccinated patients say they regret not getting their shots, others are adamant in their choice, even on their deathbeds.

<https://www.yahoo.com/news/michigan-doctor-said-6-8-233043838.html>

Staten Island crowd defies vaccine mandate by storming mall food court, video shows

- Saturday afternoon at Staten Island Mall a raucous, maskless crowd of dozens opposing New York City's indoor vaccination mandate stormed into the mall while chanting, "U-S-A!" Their goal: to eat at the food court without showing proof of vaccination.
- "Everybody go get food and eat. That is what we're here to do!" one woman said to the group, according to a video from freelance journalist Oliya Scootercaster. "We're going to meet over there and go into the food court area and sit our butts down and stay as long as we like!"
- Videos posted to social media show the protesters marching into Staten Island Mall in defiance of the city's indoor dining vaccination mandate. Although people are not required to show proof of vaccination or wear masks inside the mall, they do need to show proof of immunization to eat at the food court. Some chanted, "My body, my choice," while others recited the Pledge of Allegiance.
- "We shouldn't be carrying papers or showing papers because we live in America and we are the land of the free," one demonstrator said to the group, according to video.

<https://www.yahoo.com/news/staten-island-crowd-defies-vaccine-032017433.html>

Kaiser Family Foundation COVID-19 Vaccine Monitor: September 2021

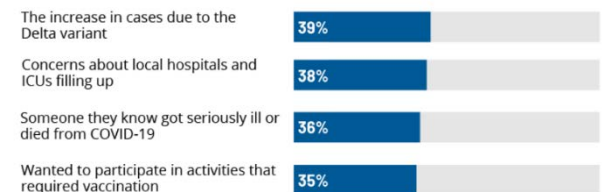
- *The KFF COVID-19 Vaccine Monitor is an ongoing research project tracking the public's attitudes and experiences with COVID-19 vaccinations. Using a combination of surveys and qualitative research, this project tracks the dynamic nature of public opinion as vaccine development and distribution unfold, including vaccine confidence and acceptance, information needs, trusted messengers and messages, as well as the public's experiences with vaccination*

<https://www.kff.org/coronavirus-covid-19/poll-finding/kff-covid-19-vaccine-monitor-september-2021/>

<https://www.kff.org/coronavirus-covid-19/press-release/surging-delta-variant-cases-hospitalizations-and-deaths-are-biggest-drivers-of-recent-uptick-in-u-s-covid-19-vaccination-rates/>

What has motivated people to get newly vaccinated?

Shares of those who received their first COVID-19 dose since June 1 who say each is a major reason they got vaccinated:





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[†]

<p>TOTAL CASES</p> <p>43,289,203</p> <p>+111,086 New Cases</p>	<p>7 DAY CASE RATE PER 100,000</p> <p>224.3</p>	<p>TOTAL DEATHS</p> <p>694,701</p> <p>+2,008 New Deaths</p>
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CDC | Data as of: September 30, 2021 7:47 PM ET. Posted: September 30, 2021 8:38 PM ET

COVID-19 Vaccinations in the United States

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

<p>Total Vaccine Doses</p> <p>Delivered 474,245,945</p> <p>Administered 392,909,995</p> <p>Learn more about the distribution of vaccines.</p>	At Least One Dose	Fully Vaccinated	Booster Dose
	Vaccinated People	Count	Percent of US Population
<p>184.6M</p> <p>People fully vaccinated</p>	Total	214,332,261	64.6%
	Population ≥ 12 Years of Age	214,100,350	75.5%
	Population ≥ 18 Years of Age	199,711,005	77.3%
	Population ≥ 65 Years of Age	51,307,076	93.8%

4.03M
People received a booster dose**

** 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 doses previously referred to as "additional doses".

About these data

CDC | Data as of: September 30, 2021 6:00am ET. Posted: Thursday, September 30, 2021 8:38 PM ET

Businesses
Adaptation or closure of businesses

International Travel
International travel restrictions (entry restrictions, quarantining and testing)

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: 43,289,203

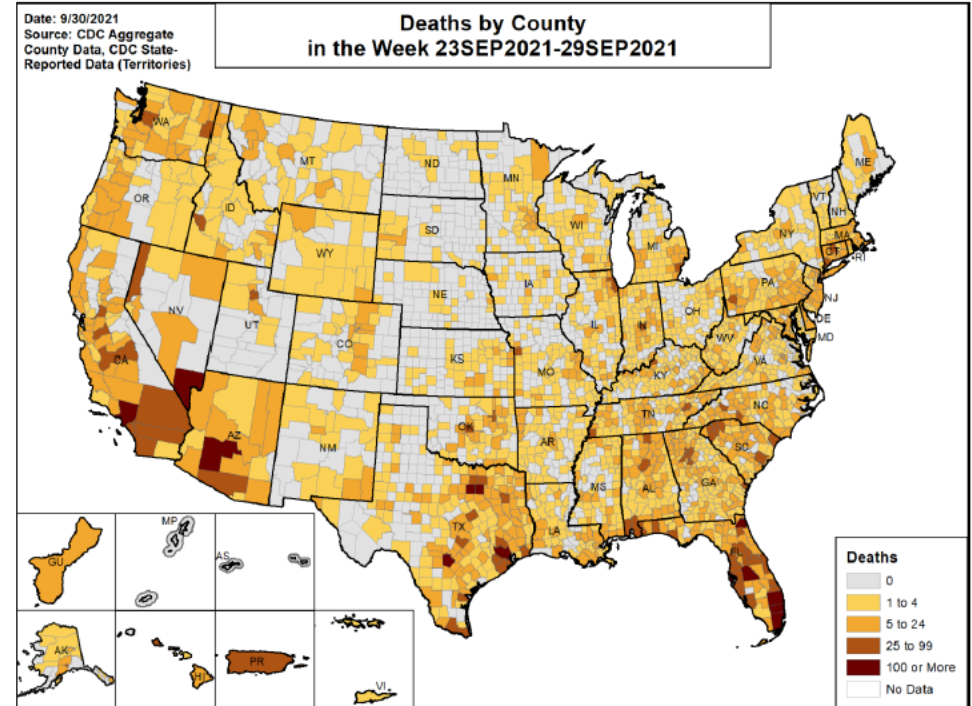
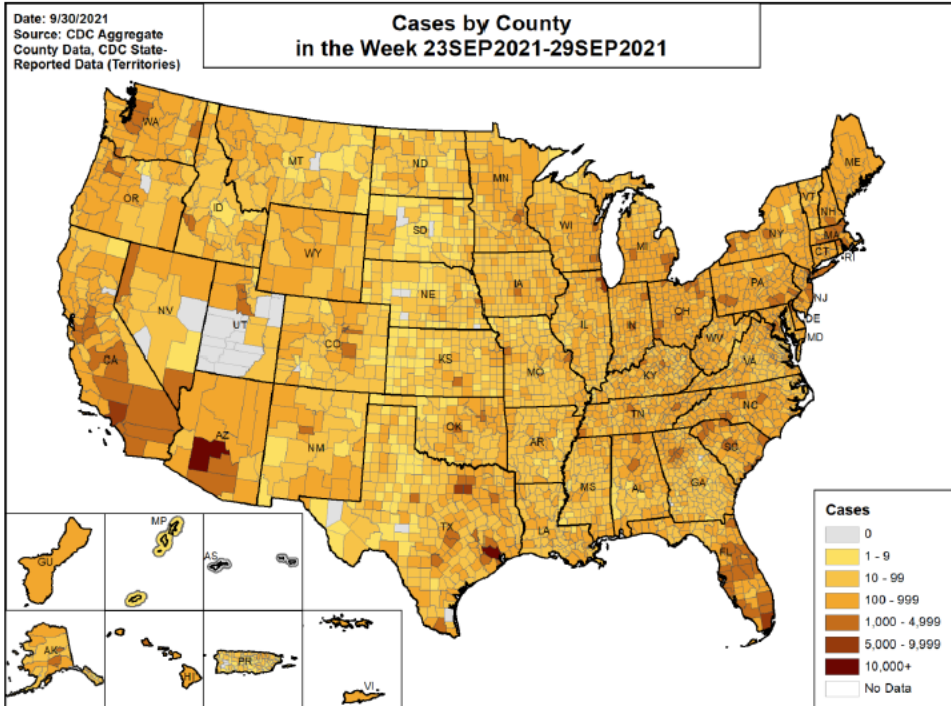
New Cases in Last 7 Days: 744,764

Percent Change from Previous 7 Days: -13.3%

Total Cumulative Deaths: 694,701

New Deaths in Last 7 Days: 10,332

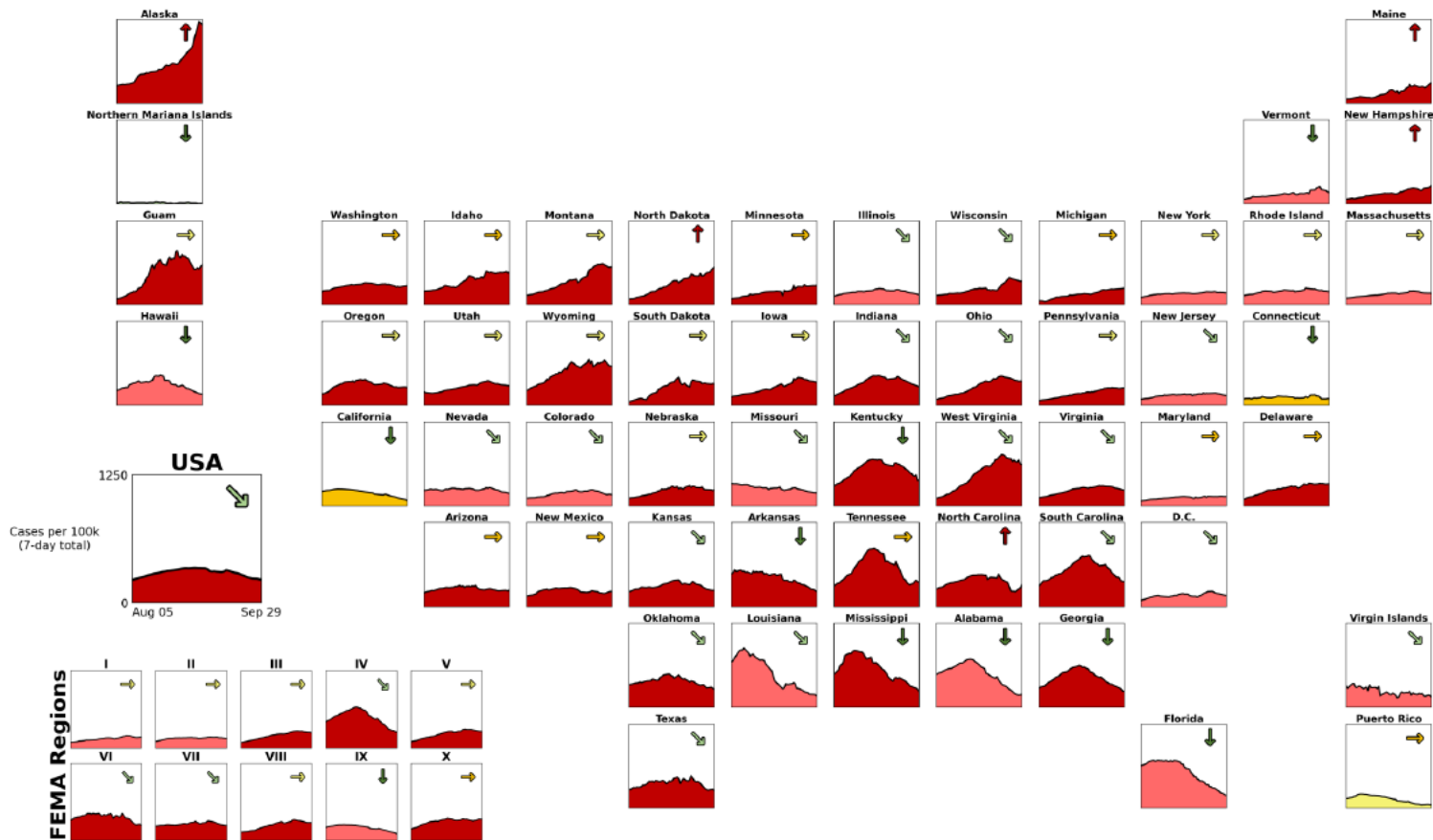
Percent Change from Previous 7 Days: -3.3%



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TRENDS IN CASE INCIDENCE DURING THE LAST 8 WEEKS



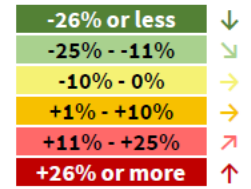
Case incidence categories

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



Weekly % change categories

(arrow based on % change in weekly cases)



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

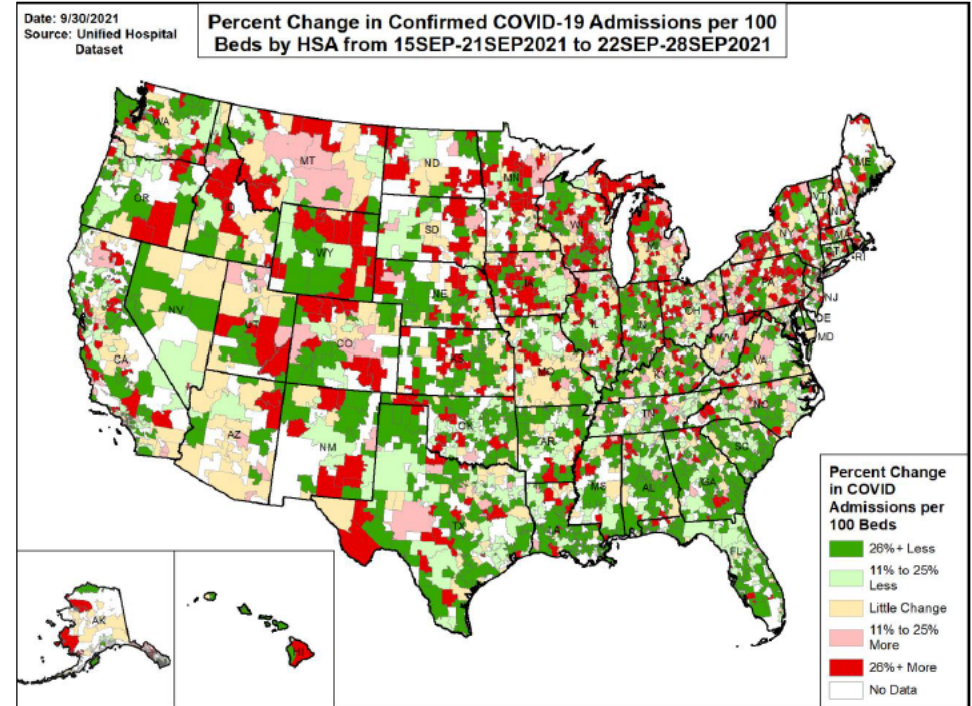
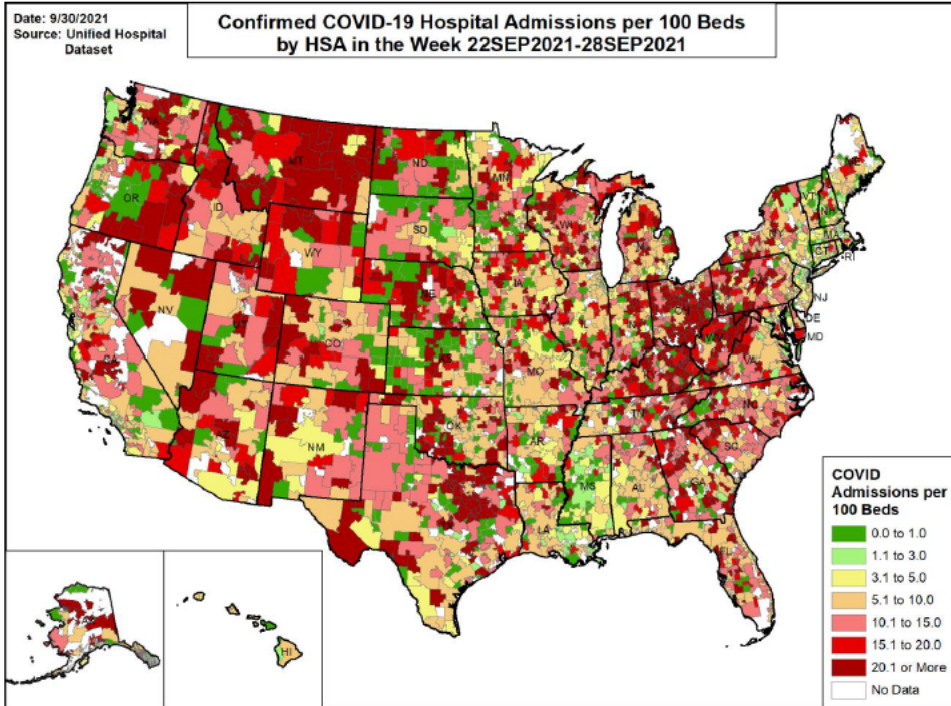
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HOSPITAL ADMISSIONS IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Total Confirmed COVID-19 Hospital Admissions in Last 7 Days:
58,244

Percent Change from Previous 7 Days: -14.9%



Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Confirmed COVID-19 admissions are all confirmed daily admissions reported within the last 7 days. Denominator of per 100 beds calculation is the sum of average staffed inpatient bed count reported by hospitals within the geographic region and 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.

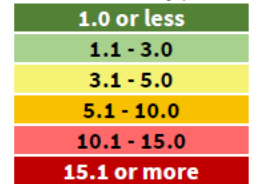
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TRENDS IN HOSPITAL ADMISSIONS PER 100 BEDS DURING THE LAST 8 WEEKS



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



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



Figure depicts confirmed hospital admissions per 100 inpatient beds.

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

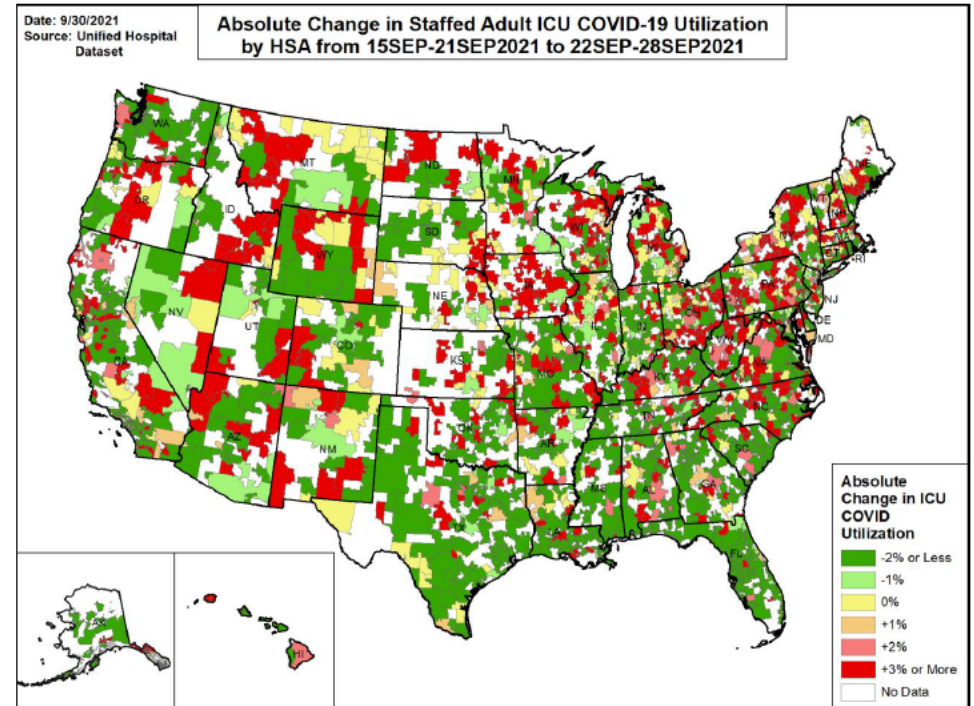
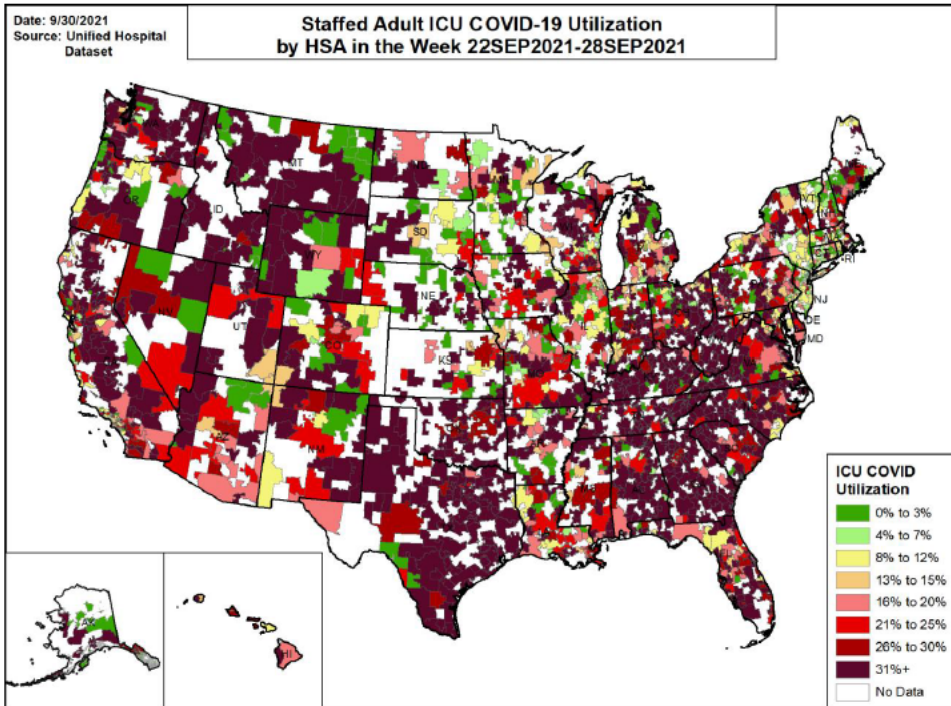
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STAFFED ADULT ICU COVID-19 UTILIZATION IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Average Daily Adult ICU COVID-19 Patients over Last 7 Days:
21,536

Percent Change from Previous 7 Days: -8.1%

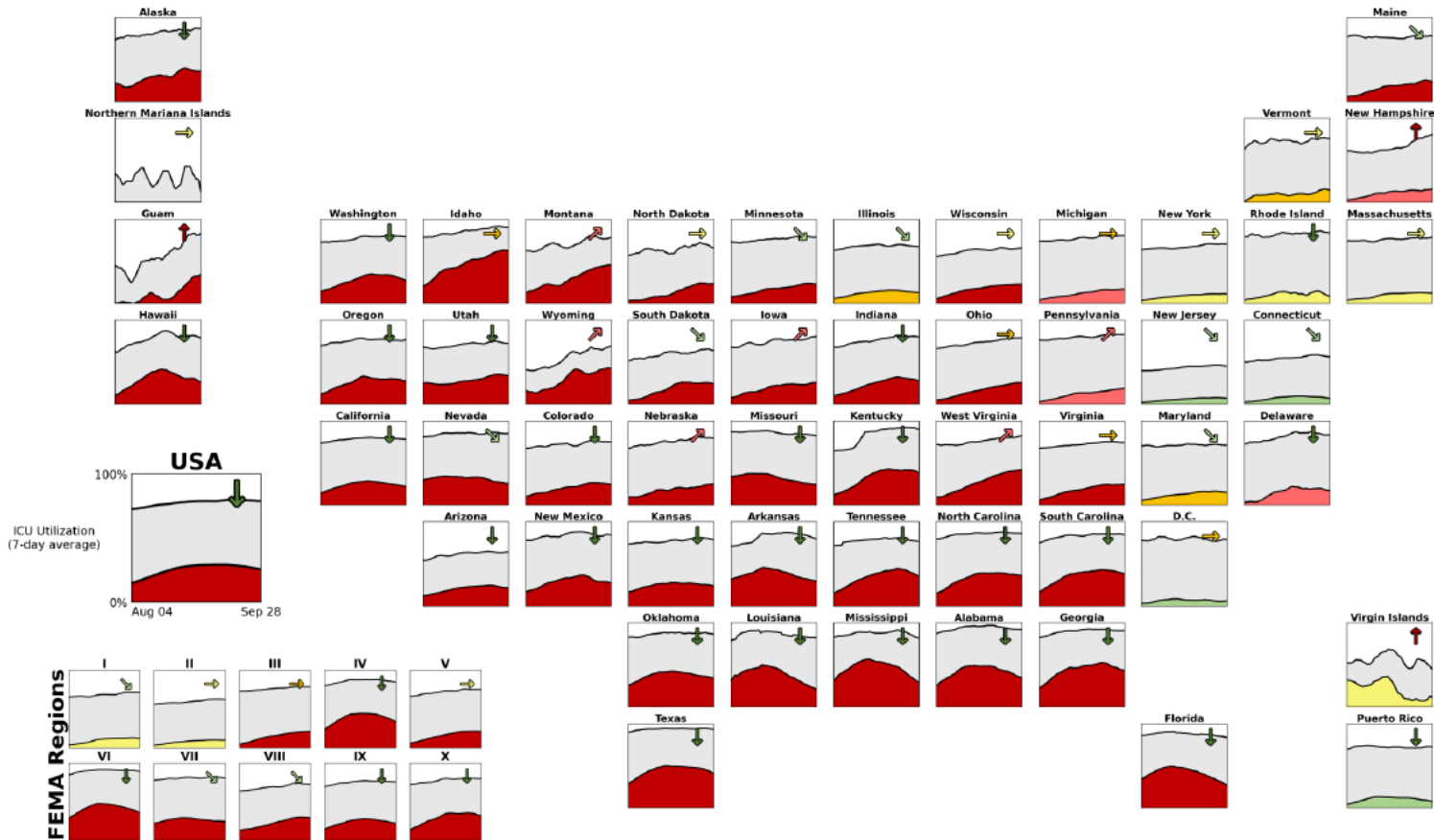


Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Staffed adult ICU COVID-19 utilization indicates average percentage of staffed adult ICU beds occupied by confirmed COVID-19 patients within the given time period. HSA indicates Hospital Service 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.

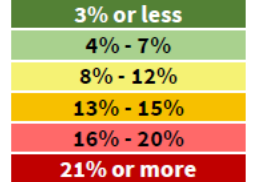
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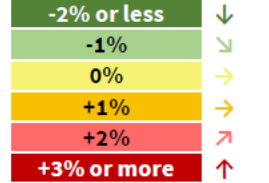
TRENDS IN STAFFED ADULT ICU BED CAPACITY DURING THE LAST 8 WEEKS



Staffed Adult ICU COVID Utilization categories
 (based on average percentage of beds occupied by confirmed COVID-19 patients over the last 7 days)



Weekly absolute change categories
 (arrow based on absolute change in weekly % of ICU beds occupied by confirmed COVID-19 patients)



Color based on ICU confirmed COVID-19 utilization only. Light gray based on overall ICU utilization. Most recent dates may be less reliable due to delayed reporting.

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

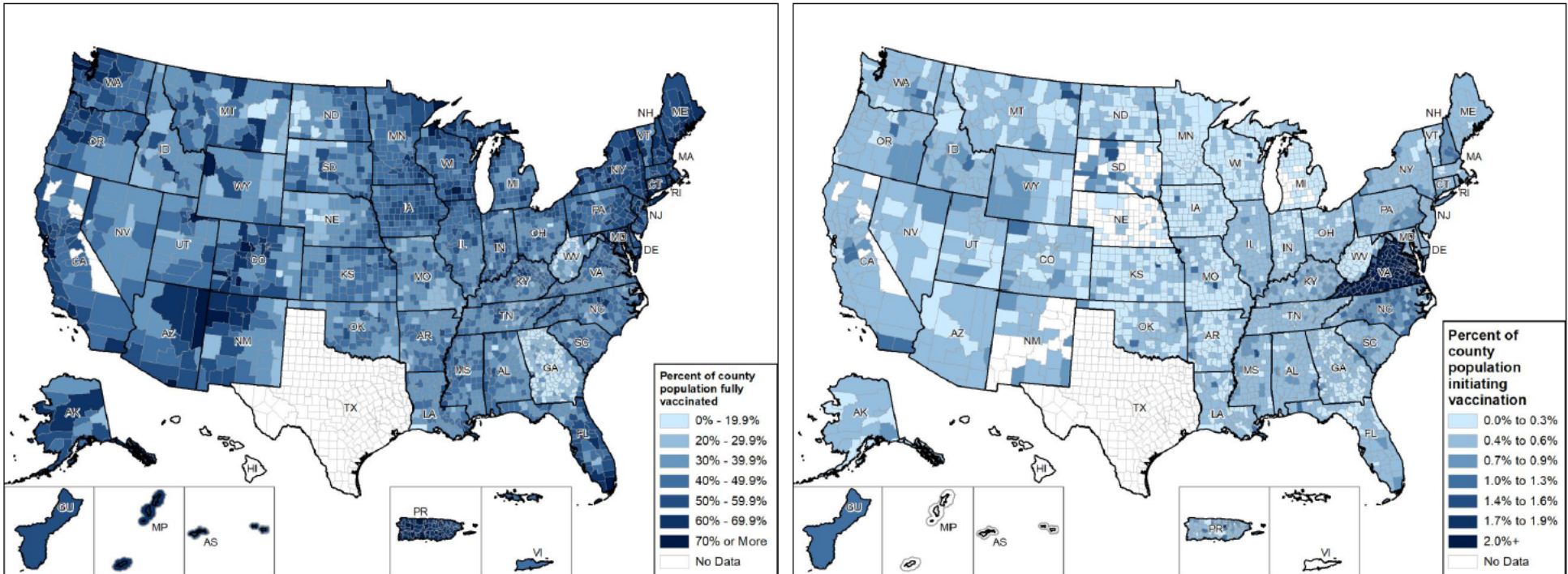
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VACCINATION RATES BY COUNTY

Percent of Population Fully Vaccinated: 55.6%
Percent of Population with at Least 1 Dose: 64.6%

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



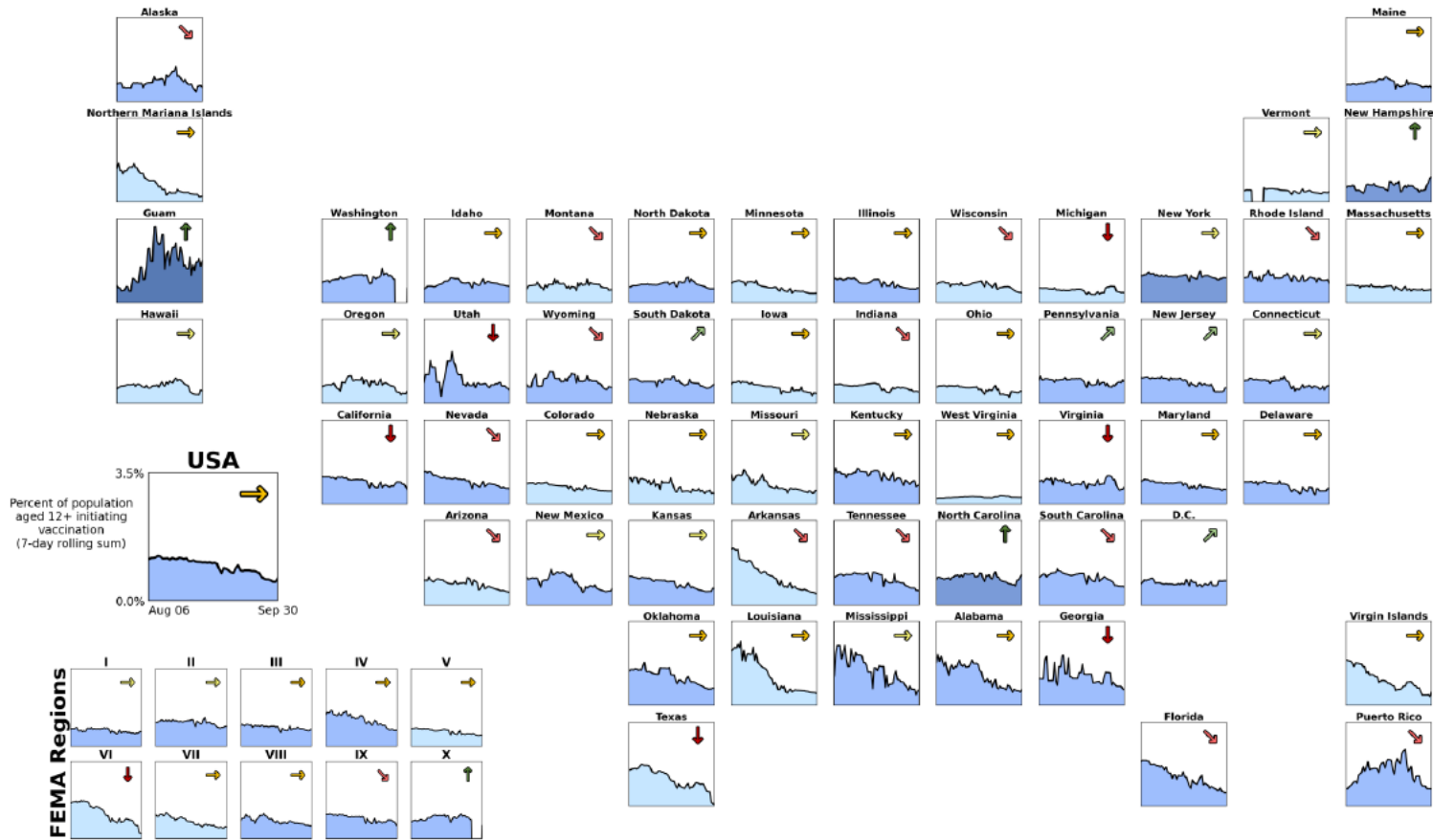
Source: Unified COVID-19 Vaccine Dataset. Fully vaccinated indicates those who received the second dose of Pfizer-BioNTech or Moderna vaccines and those who received one dose of J&J/Janssen COVID-19 vaccine. Initiating vaccination indicates those who have received the first dose of the Pfizer-BioNTech 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.

On 9/28/2021, Texas issued a correction to their vaccination data, resulting in some negative values for doses administered in the past week. As a result, some of the past week's COVID-19 vaccination administration data is unavailable for Texas. 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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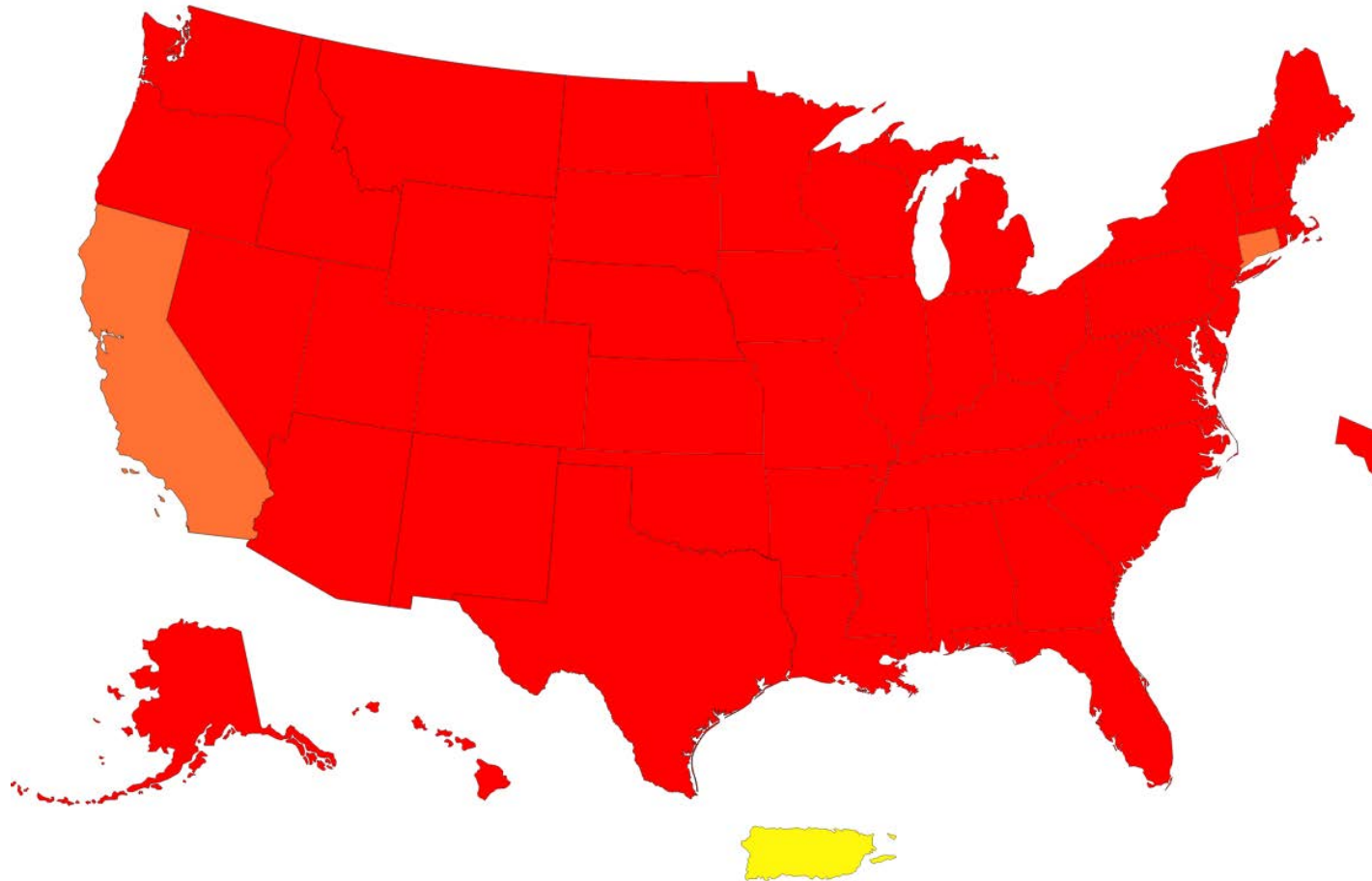


Level of Community Transmission of COVID-19, by State/Territory

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



Territories

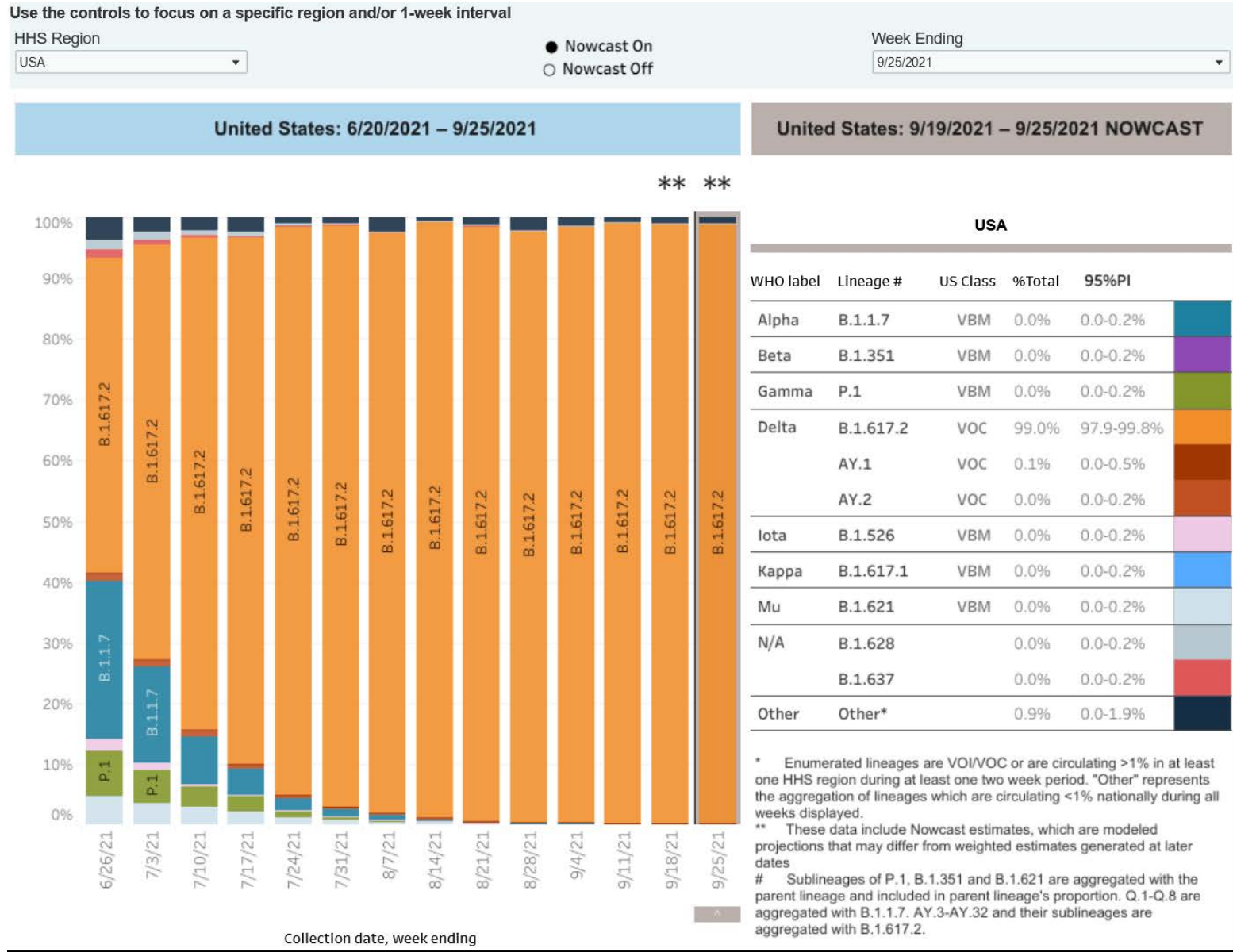


Level of Community Transmission



Variant Proportions

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



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













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

COVID-19 RESPONSE BY THE NUMBERS

As of September 27, 2021



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

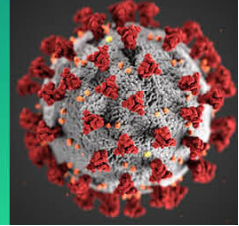
	9,708	CDC personnel supporting the outbreak response		49.11+ million	Times people have used CDC's online Coronavirus Self-Checker
	1,816	CDC deployers who have conducted 4,031 deployments to 339 cities across the United States and abroad		1.4+ million	Calls and emails to CDC-INFO
	351	COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)		3.3+ billion	Times people have looked for information on CDC websites
	8,312	Documents providing information and guidance for government agencies, businesses, and the public		4.1+ billion	Social media impressions on 16,306 CDC response-related posts
	570+ million	COVID-19 tests conducted by public and private laboratories in the United States		86,131+	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC
	213+ million	People who have received at least one dose of a COVID-19 vaccine		183+ million	People who have been fully vaccinated with a COVID-19 vaccine



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: 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](#)

[COVID-19 Science Update released: June 11, 2021 Edition 93](#)

[COVID-19 Science Update released: June 4, 2021 Edition 92](#)

CDC What's New & Updated

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

- 10/1/21 [Cases in the U.S.](#)
- 10/1/21 [EARLY RELEASE: COVID-19 Outbreaks at Youth Summer Camps — Louisiana, June–July 2021](#)
- 10/1/21 [EARLY RELEASE: Multicomponent Strategies to Prevent SARS-CoV-2 Transmission — Nine Overnight Youth Summer Camps, United States, June–August 2021](#)
- 10/1/21 [Overall US COVID-19 Vaccine Distribution and Administration Update as of Fri, 01 Oct 2021 06:00:00 EST](#)
- 10/1/21 [COVID Data Tracker Recent Updates - 2021-09-30 - The COVID Data Tracker homepage stats bar now shows the percent of the 12+ population with at least one dose of a COVID-19 vaccine](#)
- 10/1/21 [COVID Data Tracker Recent Updates - 2021-09-30 - 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](#)
- 10/1/21 [COVID Data Tracker Recent Updates - 2021-09-30 - A new Vaccine Effectiveness tab shows vaccine effectiveness against hospitalizations and infections](#)
- 9/30/21 [COVID-19 Science Update released: October 1, 2021 Edition 107](#)
- 9/30/21 [Health Equity in Action](#)
- 9/30/21 [COVID-19 Vaccines for People with Underlying Medical Conditions](#)
- 9/30/21 [Healthcare Facilities That Have Implemented COVID-19 Electronic Case Reporting](#)
- 9/30/21 [Contact Tracing](#)
- 9/30/21 [COVID Data Tracker Weekly Review](#)
- 9/30/21 [Safety Monitoring of an Additional Dose of COVID-19 Vaccine — United States, August 12–September 19, 2021](#)
- 9/30/21 [Pediatric COVID-19 Cases in Counties With and Without School Mask Requirements — United States, July 1–September 4, 2021](#)
- 9/30/21 [COVID-19–Related School Closures and Learning Modality Changes — United States, August 1–September 17, 2021](#)
- 9/30/21 [Association Between K–12 School Mask Policies and School-Associated COVID-19 Outbreaks — Maricopa and Pima Counties, Arizona, July–August 2021](#)
- 9/29/21 [Data-driven Communication about COVID-19 Vaccines in West Virginia](#)
- 9/29/21 [Overview of COVID-19 Quarantine for K-12 Schools](#)
- 9/29/21 [COVID-19 County Check Tool: Understanding Community Transmission Levels in Your County](#)
- 9/29/21 [COVID-19 Vaccine Booster Shot](#)
- 9/29/21 [Reporting COVID-19 Vaccinations in the United States](#)
- 9/29/21 [Staffing Resources](#)
- 9/29/21 [Possible Side Effects After Getting a COVID-19 Vaccine](#)
- 9/29/21 [How CDC Is Making COVID-19 Vaccine Recommendations](#)
-

CDC Guidance

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

[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

[Interim Guidelines for COVID-19 Antibody Testing](#)

CDC has developed interim guidance for how healthcare providers, laboratories, and public health staff should use antibody tests for COVID-19. These tests look for the presence of antibodies, which are specific proteins made in response to infections.

Date: 9/20/21

[COVID-19 Vaccination Program Operational Guidance](#)

Operational guidance for COVID-19 Vaccination Program jurisdictions operations. Date: 9/19/21

[Strategies for Optimizing the Supply of N95 Respirators](#)

Learn how to optimize the supply of N95 respirators, based on conventional capacity, contingency capacity, or crisis capacity during COVID-19. Date: 9/15/21

[Ending Isolation and Precautions for People with COVID-19: Interim Guidance](#)

Healthcare professionals, find information and recommendations for ending isolation and precautions when caring for people with laboratory-confirmed COVID-19, including children and adults, people who are severely ill, and people who are infected but never develop symptoms. Evidence supports ending isolation and precautions for people with COVID-19 using a symptom-based strategy. Date: 9/13/21

[Strategies for Optimizing the Supply of Eye Protection](#)

Learn how to optimize eye protection for doctors during COVID-19, including guidance on safely reusing safety goggles, glasses, and face shields. Date: 9/12/21

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>




Statewide

23,893,202 (70.4%) People fully vaccinated
2,749,856 (8.1%) People partially vaccinated

 **49,486,002 (86.3%) Doses administered**
74,454 Average doses per day

 **5,429,853 Doses on hand**
(73 days of inventory)

 **57,359,115 Doses Delivered**
19,823,850 CDC Pharmacy Doses Delivered

See [Data Dictionary](#) for Details.

Doses Administered by County of Residence

County:

Los Angeles	12,719,164
San Diego	4,443,633
Orange	4,105,200
Santa Clara	2,903,116
Riverside	2,568,312
Alameda	2,344,676
San Bernardino	2,135,724
Sacramento	1,814,671
Contra Costa	1,665,769
San Francisco	1,331,819
San Mateo	1,139,432
Ventura	1,080,765
Fresno	1,036,701
San Joaquin	807,203
Kern	796,484
Sonoma	693,530
Stanislaus	551,415
Santa Barbara	546,209
Monterey	537,696
Solano	528,571



Data: 9/30/2021 11:59pm | Posted: 10/1/2021

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.

What is the Current Data on Post-Vaccination Cases in California?

For the week of September 19-September 25, 2021 the average daily COVID-19 case rate among unvaccinated Californians age 16 or older is 57.41 per 100,000 and the average daily COVID-19 case rate among fully vaccinated Californians age 16 or older is much lower at 7.12 per 100,000.

Between January 01, 2021 and September 25, 2021 in California,

- Out of over 23.7 million fully vaccinated individuals, 171,300 post-vaccination cases (0.7%) have been identified.
- At least 4,859 individuals identified as post-vaccination COVID-19 cases were hospitalized. However, it is important to note that approximately 65% of cases have missing hospitalization data. It is also important to note that a post-vaccine case may have been hospitalized for a condition unrelated to COVID-19 reason but were tested for COVID-19 upon admission.
- Among post-vaccination cases identified, at least 729 people have died. However, it is unknown if the primary cause of death in these cases was COVID-19 or if there were other contributory or alternate causes.



Riverside County Data

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

Total Tests 4,153,873	Confirmed 354,624	Currently Hospitalized 347 Includes 99 in ICU	Deaths 5,004	Recovered 344,690
Case Rate / 100k 19.3 (7-Day Avg & 7-Day Lag)		Positivity 6.2% (7-Day Avg & 7-Day Lag)		COVID-19 Data for Zip Codes and Communities here

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](#)
- [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 – August 23, 2021](#)
- [Moderna covid Vaccine Updated Emergency Use Authorization \(EUA\) for Providers and Recipients – August 18, 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 \(Covid-19\) – August 18, 2021](#)

RIVERSIDE COUNTY DAILY COVID-19 REPORT

<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/DailyEpidemiologySummary.pdf?x=1633123581148>



Oct 1, 2021 -

RIVERSIDE COUNTY COVID-19 CASES

TOTAL CASES

354,624

NEW REPORTED
CASES
663

TOTAL DEATHS
5,004

NEW DEATHS
10

TOTAL RECOVERED
344,690

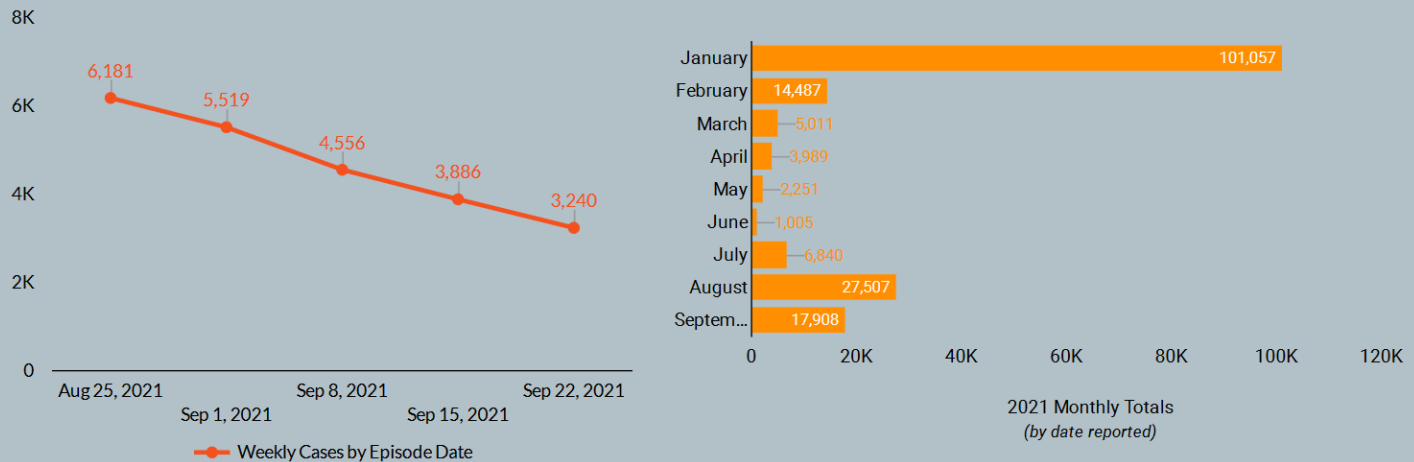
PROBABLE CASES*
15,058

CURRENT HOSPITALIZED
(includes ICU)
347

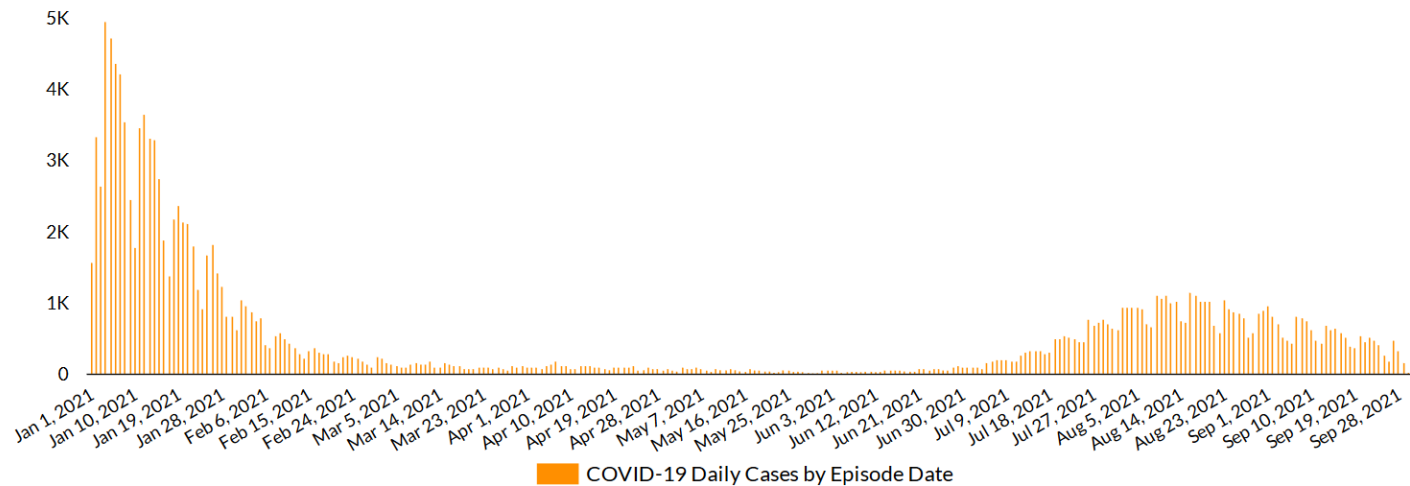
CURRENT ICU
99

DOUBLING TIME
275.3

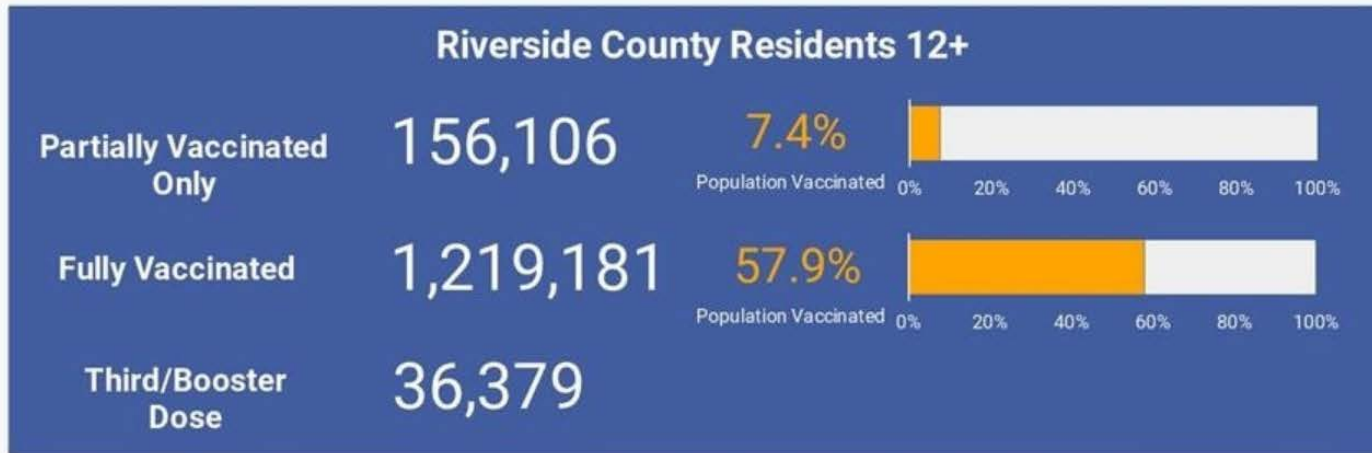
Recent COVID-19 in Riverside County



Cumulative COVID-19 Cases in Riverside County




OPERATION RIVCO SHIELD
RIVERSIDE COUNTY COVID-19 VACCINE UPDATE
 October 1, 2021
(Data as of 9/30/2021)



- 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.

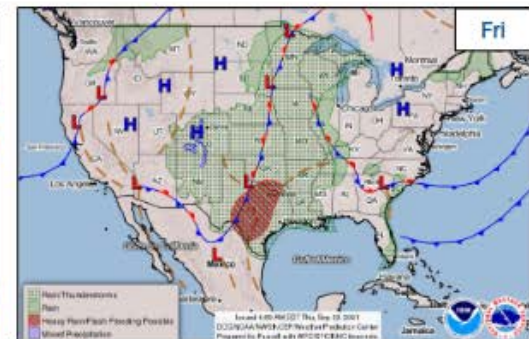
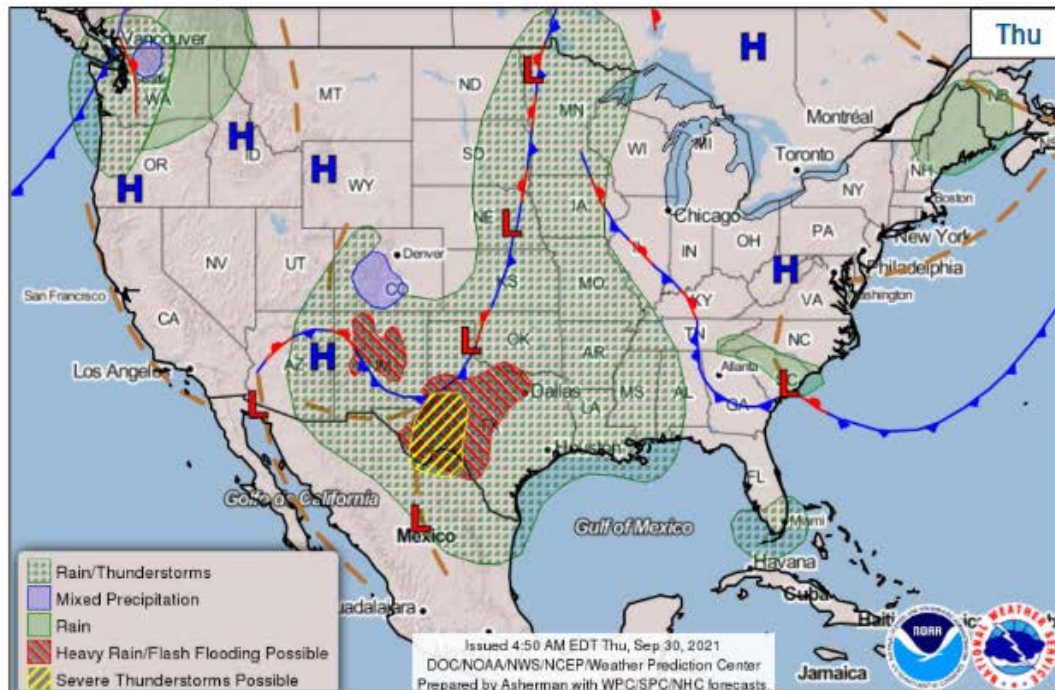
Weather

 National Weather Service San Diego, California		<h2 style="margin: 0;">Weather Risk Outlook</h2> <div style="text-align: center; border: 1px solid white; padding: 2px; font-weight: normal;">1:30 PM Friday, Oct 1, 2021</div>						
County	Zone	Fri 10/1	Sat 10/2	Sun 10/3	Mon 10/4	Tue 10/5	Wed 10/6	Thu 10/7
San Diego	Beach/Marine	None	None	None	None	Slight Chance Showers	None	None
	Coast	None	None	None	None	Slight Chance Showers	None	None
	Valleys	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	None	Slight Chance Showers	None	None
	Mountains	None	None	None	None	Chance of Showers	None	Breezy
	Desert	Fire Weather	Fire Weather	Heat Fire Weather	Heat Fire Weather	Chance of Showers	None	Breezy
Orange	Beach	None	None	None	None	Slight Chance Showers	None	None
	Coast	None	None	None	None	Slight Chance Showers	None	None
	Inland	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	None	Slight Chance Showers	None	None
	Mountains	None	None	None	None	Slight Chance Showers	None	None
Riverside	Inland Empire	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	None	Slight Chance Showers	None	None
	Mountains	None	None	None	None	Chance of Showers	None	Breezy
	Desert	Fire Weather	Fire Weather	Heat Fire Weather	Heat Fire Weather	Chance of Showers	None	Breezy
San Bernardino	Inland Empire	Heat Fire Weather	Heat Fire Weather	Heat Fire Weather	None	Slight Chance Showers	None	None
	Mountains	None	None	None	None	Chance of Showers	None	Breezy
	Desert	Fire Weather	Fire Weather	Heat Fire Weather	None	Slight Chance Showers	None	Breezy
		Impact Threat Levels		None	Minor	Moderate	High	Extreme

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

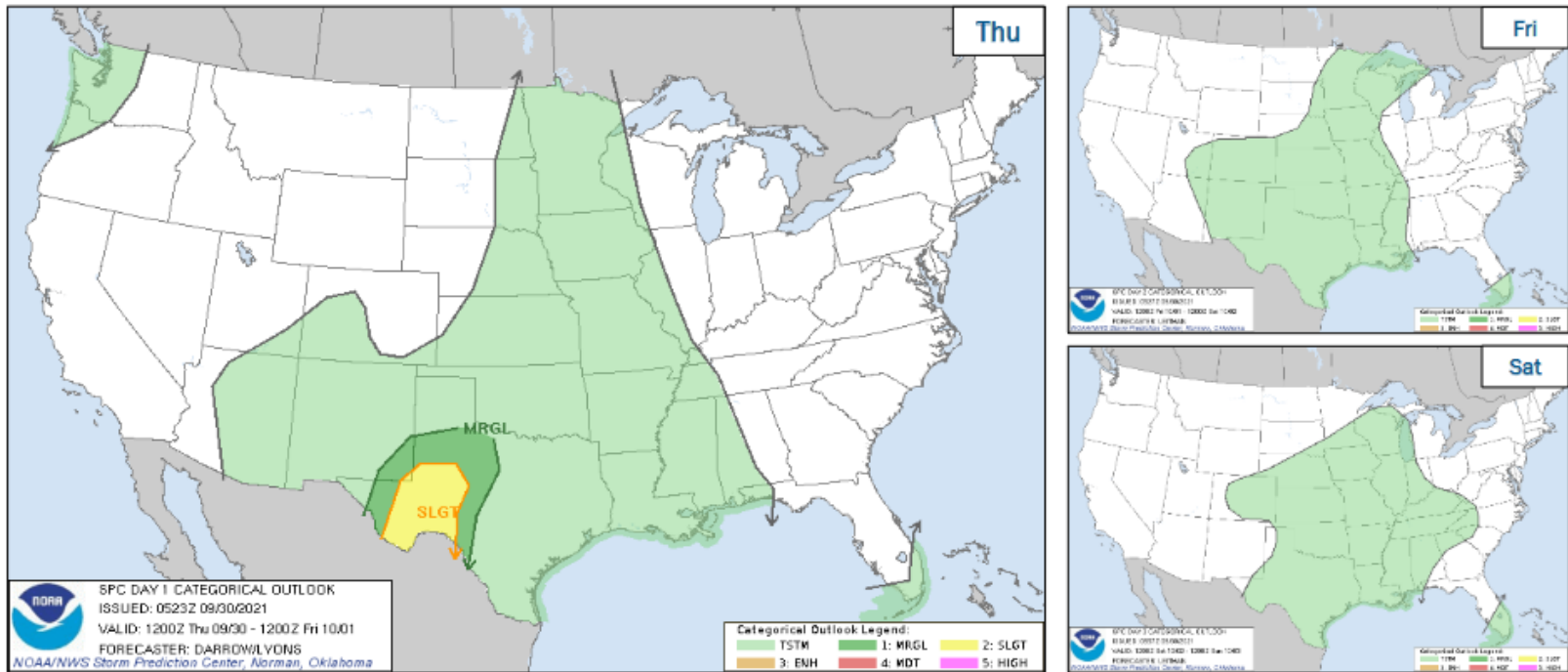
<https://www.weather.gov/forecastpoints#>

National Weather Forecast



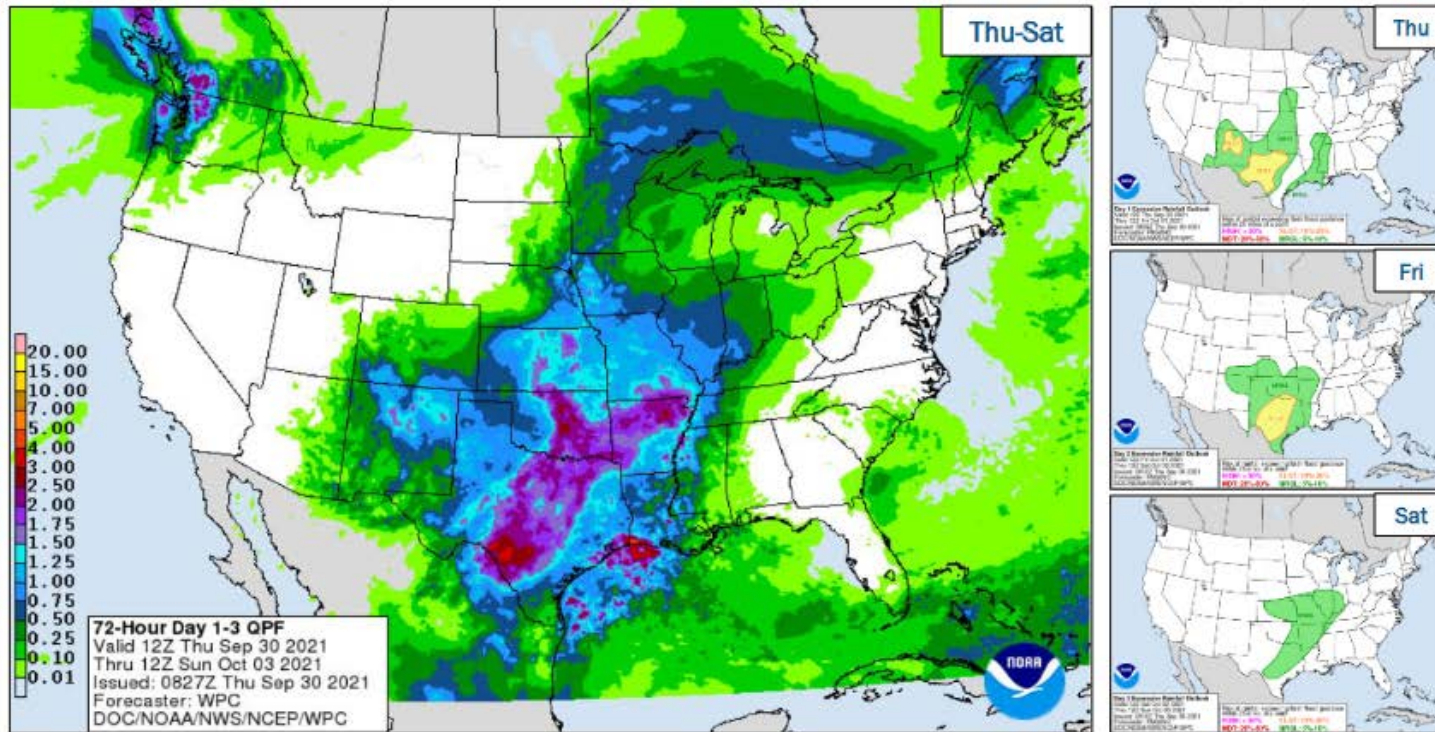
National Watch Center

Severe Weather Outlook



National Watch Center

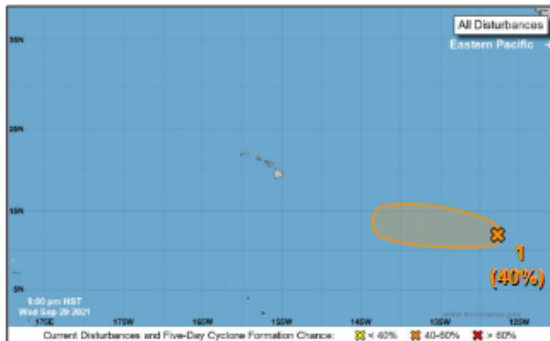
Precipitation & Excessive Rainfall



National Watch Center

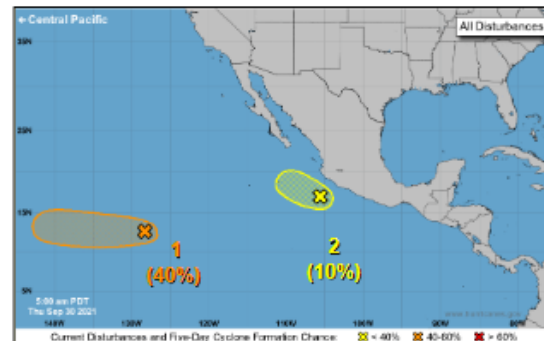
Tropical Outlook – Five Day

Central Pacific



Disturbance 1 (See Eastern Pacific)

Eastern Pacific



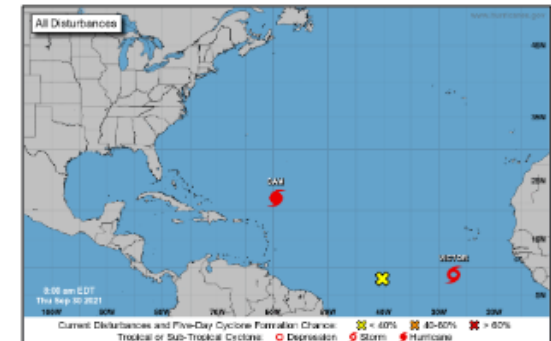
Disturbance 1 (as of 8:00 a.m. ET)

- 1,500 miles SW of the southern tip of Baja California peninsula
- Tropical depression could form over the weekend or early next week
- Formation chance through 48 hours: Low (20%); 5 days: Medium (40%)

Disturbance 2 (as of 8:00 a.m. ET)

- A couple of hundred miles SSW of Manzanillo, Mexico
- Formation chance through 48 hours: Low (10%); 5 days: Low (10%)

Atlantic



Hurricane Sam (CAT 4) (Advisory #31A as of 8:00 a.m. ET)

- 355 miles NE of northern Leeward Islands
- Maximum sustained winds 145 mph
- Moving NW at 12 mph
- Will continue to pass well NE of northern Leeward Islands this morning and pass east of Bermuda early Saturday

Tropical Storm Victor (Advisory #4 as of 8:00 a.m. ET)

- 550 miles SSW of Cabo Verde Islands
- Moving WNW at 13 mph
- Maximum sustained winds 45 mph
- Could become a hurricane on Friday

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

- Located over the tropical Atlantic about midway between the Cabo Verde Islands and Lesser Antilles
- Formation chance: 48 hours: Low (Near 0%); 5 days: Low (Near 0%)

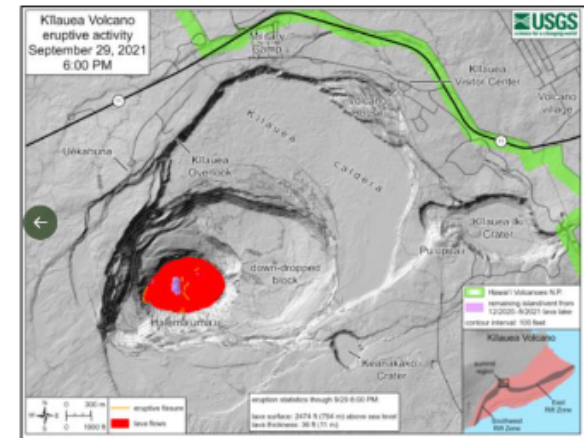
National Watch Center



Kilauea Volcano– HI

Kilauea Volcano, HI

- USGS detected an eruption had commenced at 9:20 pm ET on Sep 29 in Kilauea volcano within the closed area of Hawaii Volcanoes National Park
- Aviation Color Code raised from ORANGE to RED (eruption is imminent, underway, or suspected with significant emission of volcanic ash)
- Alert Level raised from WATCH to WARNING (hazardous eruption is imminent, underway or suspected)
- Activity is confined to Halema'uma'u crater and hazards will be reassessed as the eruption progresses
- Vog (volcanic smog) observed downwind of Kilauea; vog creates the potential for airborne health hazards, damages agricultural crops and other plants, and affects livestock



ALERT-LEVEL TERMS.	
When the volcano alert-level is changed, a Volcano Activity Notice (VAN) is issued.	
NORMAL	Volcano is in typical background, noneruptive state <i>or, after a change from a higher level,</i> volcanic activity has ceased and volcano has returned to noneruptive background state.
ADVISORY	Volcano is exhibiting signs of elevated unrest above known background level <i>or, after a change from a higher level,</i> volcanic activity has decreased significantly but continues to be closely monitored for possible renewed increase.
WATCH	Volcano is exhibiting heightened or escalating unrest with increased potential of eruption, timeframe uncertain, OR eruption is underway but poses limited hazards.
WARNING	Hazardous eruption is imminent, underway, or suspected.

AVIATION COLOR CODES	
When the volcano color code changes, a Volcano Observatory Notification for Aviation (VONA) is issued.	
GREEN	Volcano is in typical background, non-eruptive state <i>or, after a change from a higher level,</i> volcanic activity has ceased and volcano has returned to noneruptive background state.
YELLOW	Volcano is exhibiting signs of elevated unrest above known background level <i>or, after a change from a higher level,</i> volcanic activity has decreased significantly but continues to be closely monitored for possible renewed increase.
ORANGE	Volcano is exhibiting heightened or escalating unrest with increased potential of eruption, timeframe uncertain, OR eruption is underway with no or minor volcanic-ash emissions (ash-plume height specified, if possible).
RED	Eruption is imminent with significant emission of volcanic ash into the atmosphere likely OR eruption is underway or suspected with significant emission of volcanic ash into the atmosphere (ash-plume height specified, if possible).

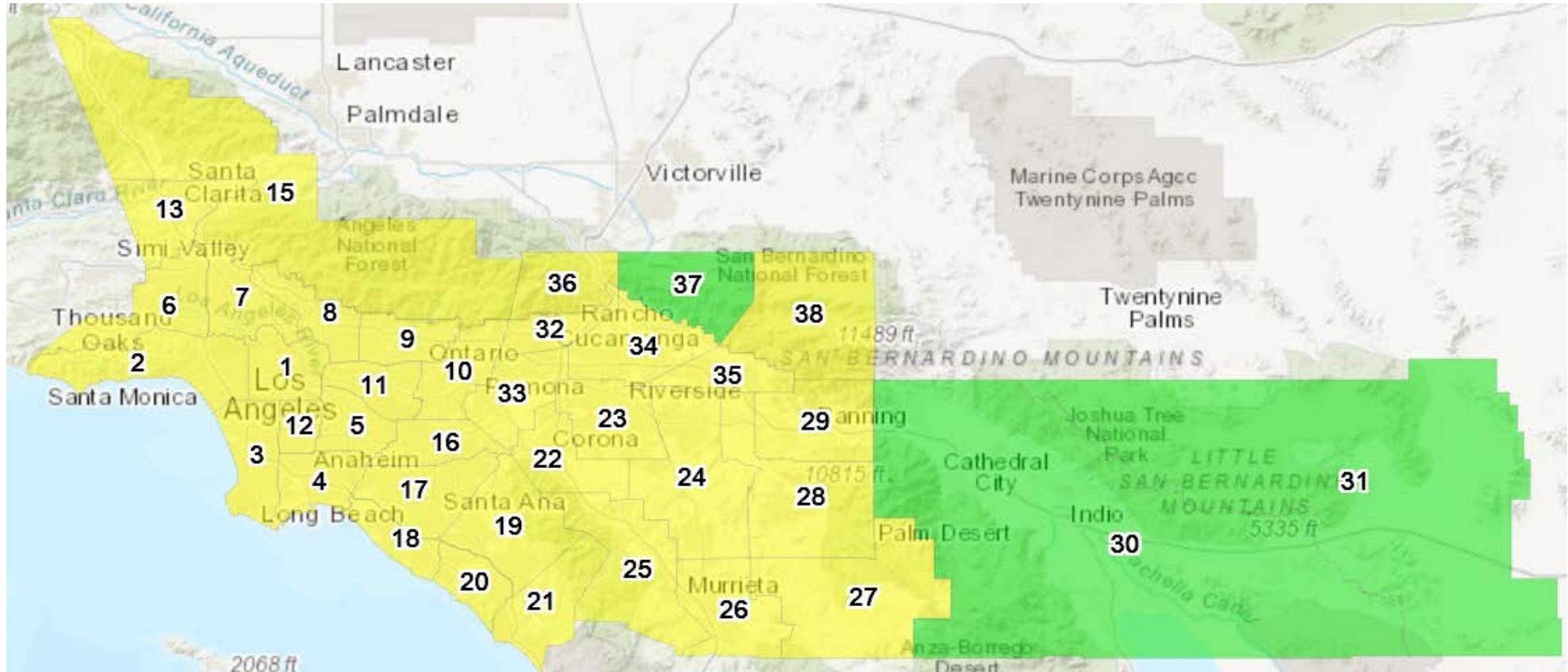


National Watch Center



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)