



****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.**

Situation Summary

Friday, December 10, 2021 - [Day 639](#)

As of 1:30 PM

COVID-19 by the Numbers

12/10/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	375,099	35,537	132,709	1,472,410	315,421	367,516	391,676	30,519	46,250	100,647	4,861,272	49,458,520	267,184,623
Total Cases Per Capita	15,198	18,543	14,312	14,354	9,770	16,574	11,621	10,944	10,134	11,803	12,114	14,860	3,428
% of Total Cases/Population	15.20%	18.54%	14.31%	14.35%	9.77%	16.57%	11.62%	10.94%	10.13%	11.80%	12.11%	14.86%	3.43%
Recovered**	381,461	31,652	152,445	Not Reported	303,753	360,084	Not Reported	30,086	45,858	98,630	2,606,919	39,879,448	242,054,125
% of total recovered/population	15.46%	16.52%	16.44%	Not Reported	9.41%	16.24%	Not Reported	10.79%	10.05%	11.57%	6.50%	11.98%	3.11%
Total Deaths	5,404	782	371	27,018	5,795	6,006	4,369	361	558	1,194	36,287	790,766	5,277,327
Deaths Per Capita	218.95	408.04	40.01	263.40	179.49	270.86	129.63	129.45	122.27	140.02	90.43	237.59	67.70
% of Total Deaths/Population	0.22%	0.41%	0.04%	0.26%	0.18%	0.27%	0.13%	0.13%	0.12%	0.14%	0.09%	0.24%	0.07%
% of State's Cases	7.72%	0.73%	2.73%	30.29%	6.49%	7.56%	8.06%	0.63%	0.95%	2.07%	9.83%	18.51%	
Currently in Hospitals	274	65	130	667	196	373	320	13	38	47	3,401		
Total Hospital Beds	3,525	206	1,176	19,332	5,977	3,720	6,490	453	614	1,222	66,978		
Currently in ICU	60	18	33	193	59	92	80	4	11	10	861		
ICU Beds Available	92	0	18	521	136	121	195	14	19	22	1,634		
Case Fatality Rate	1.44%	2.20%	0.28%	1.83%	1.84%	1.63%	1.12%	1.18%	1.21%	1.19%	0.75%	1.60%	1.98%
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 State 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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US Data
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County of Riverside
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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.

Vaxxed or not, data suggests people are over Omicron/Delta, and COVID altogether: Morning Brief

- To illustrate an important point about the virus and human behavior, which have played an integral part in propelling the economy for the better part of the last two years. The appearance of the Omicron variant of COVID-19 rocked markets, which up until Thursday's retreat that squashed a 3-day rally, had recouped nearly all of its gains — a reversal so dramatic investors had begun dismissing it as “Omi-whatever.”
- It's still very early days and caution is advised. Yet signs, including price action in major markets, are pointing to the variant being less fatal, even if it's significantly more communicable than Delta. Case counts are already jumping everywhere — even among highly vaccinated populations — so more restrictions on public life (or the unlikely but still non-zero probability of full-on lockdowns) can't be entirely ruled out.
- Amid the battles breaking out over vaccine mandates and the impact on those who have chosen not to be inoculated against COVID, there's strong evidence to suggest that people are “over it”.
- None of this is meant to dismiss the toll the virus continues to take on the globe, even with the presence of vaccines. To be sure, there are many at high risk, who are still cautious or outright paranoid, and with good reason.
- Yet evidence everywhere suggests that vast numbers of people — and not just the mostly maskless hordes gathered to watch Phil Collins and Company at the Garden — are moving beyond living in self-imposed exile to a strategy of risk assessment and mitigation. Holiday gatherings, including office parties, are starting to look a lot like they did pre-COVID.

<https://finance.yahoo.com/news/vaxxed-or-not-data-suggests-people-are-over-omicron-delta-and-covid-altogether-morning-brief-100925219.html>

Which COVID Vaccine Booster is Best? Pfizer vs. Moderna vs. J. Johnson (Update 133) – 16 Min Video

- Roger Seheult, MD of MedCram explains COVID 19 booster data on Moderna, Pfizer-BioNTech, and Johnson & Johnson and the efficacy of each coronavirus booster vs. full vaccination. (This video was recorded on October 27, 2021)
- Topics in the video
 - [00:00](#) Which COVID-19 booster should I take?
 - [00:15](#) Pre-print study looking at outcomes for original vaccines and randomized booster combinations in the US
 - [01:53](#) Side effects for various boosters given to patients with either J&J, Moderna, Pfizer original vaccines
 - [05:46](#) Preliminary booster efficacy data: how well do IgG bind to SARS-CoV-2 spike proteins?
 - [10:29](#) Preliminary data from Pfizer-BioNTech: Efficacy of a booster on top of fully vaccinated people in randomized, placebo-controlled trial
- Links to References:
 - Pfizer And BioNTech Announce Phase 3 Trial Data Showing High Efficacy Of A Booster Dose Of Their COVID-19 Vaccine (Pfizer) <https://www.pfizer.com/news/press-release/press-release-detail/pfizer-and-biontech-announce-phase-3-trial-data-showing>
 - Heterologous SARS-CoV-2 Booster Vaccinations - Preliminary Report (medRxiv) <https://www.medrxiv.org/content/10.1101/2021.10.10.21264827v1.full.pdf>
<https://www.youtube.com/watch?v=YhMIZczq4Ns>

Gov. Hochul orders statewide mask-or-vax mandate with \$1K fines for businesses

- Gov. Kathy Hochul (New York) ordered offices, restaurants and shops statewide to require that staff and customers either show proof of vaccination or wear masks — or face a \$1,000 fine per violation.
- The new mandate on businesses — many of which are struggling to recover from pandemic lockdowns and battling workforce shortages — will take effect Monday and applies statewide.
- Businesses that fail to enforce the rules could be subject to civil and criminal penalties, including a maximum fine of \$1,000 for each violation. It will remain in force until Jan. 15, when it could be extended, officials said. The governor's office said local health departments will be in charge of enforcement.
- The governor pointed to those low vaccination rates to explain her move Friday, which came after days of hesitation and criticism from her allies in the 2022 Democratic gubernatorial primary.
- "I was watching vaccination rates. They're outstanding in some areas," she said, before adding that she'd "talked to a county executive in a county where only 45% of the residents are vaccinated."

<https://nypost.com/2021/12/10/gov-hochul-orders-ny-mask-or-vaccine-mandate-as-covid-surges/>

Omicron variant found in California wastewater

- New evidence is emerging that suggests the COVID-19 omicron variant is widespread in California.
- Scientists testing sewage in California have found genetic markers of the new coronavirus omicron variant in wastewater samples from Sacramento and Merced.
- The discovery was made by researchers from Stanford, the University of Michigan, and Emory University's Marlene Wolfe.
- "We are looking for genetic markers of the virus. It's not virus that's going to infect anybody, but we're looking for those markers that tell us that COVID is present in the population."
- It's not clear where exactly the samples originated, but the data suggests the amount of omicron detected so far indicates that the rate of spread may be about one to two cases per 100,000 people

<https://www.kron4.com/health/coronavirus/omicron-variant-found-in-california-wastewater/>

At least 160 San Diego officers could face termination for not complying with COVID vaccine mandate

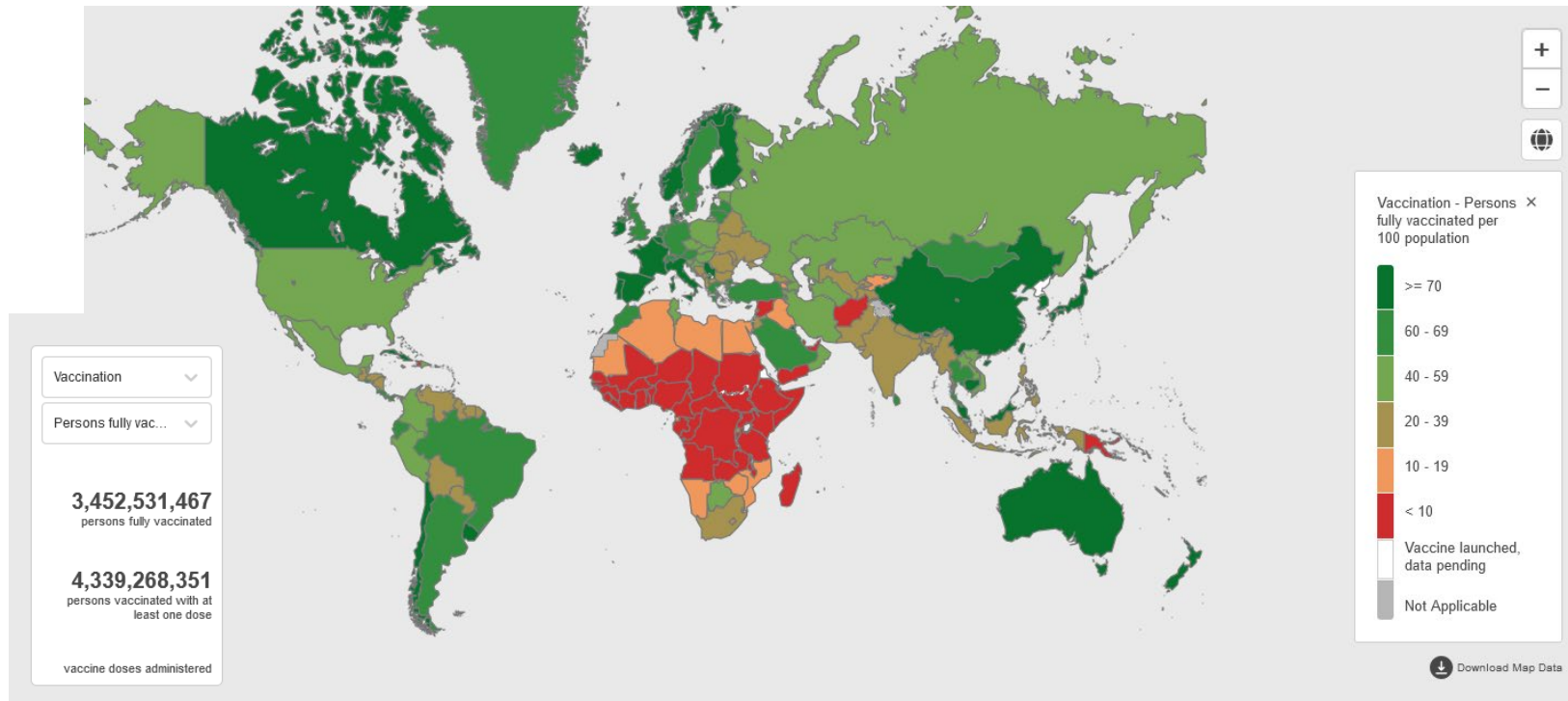
- At least 160 San Diego police officers could face termination for not complying with the city's COVID-19 vaccination mandate unless they abide by the rules within the next 30 days.
- City employees were required to show proof of vaccination or request a medical or religious exemption by Wednesday of this week. The City Council, in a pair of 8-1 votes Monday, moved forward with imposing the mandate despite an impasse with the police union. About 65% of officers were vaccinated as of Thursday, according to the city's latest figures. The remainder included 616 officers who reported that they were unvaccinated and 64 who hadn't provided their vaccination status.
- Some 454 officers requested an exemption, according to the city. That means that, as of this week, at least 160 officers were unvaccinated and did not request an exemption

<https://ktla.com/news/california/at-least-160-san-diego-officers-could-face-termination-for-not-complying-with-covid-vaccine-mandate/>

Global Data

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

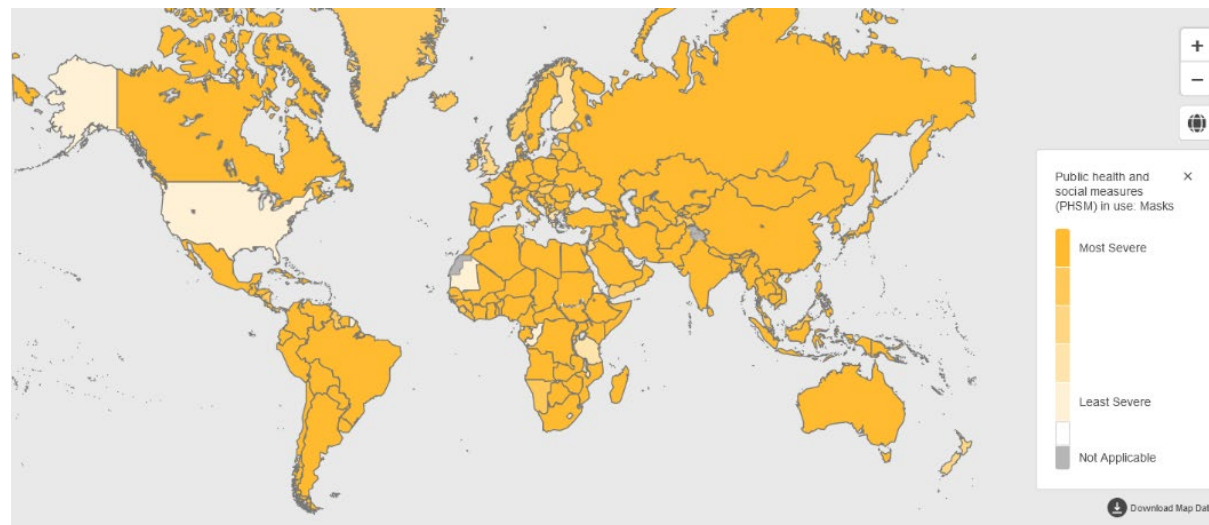
Vaccination status (fully Vax %)



Control measures in place

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

Use of Masks





U. S. Data

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

United States COVID-19 Cases, Deaths, and Laboratory Testing (NAATs) by State, Territory, and Jurisdiction

Maps, charts, and data provided by CDC, updated Mon-Sat by 8 pm ET[†]

<p>TOTAL CASES</p> <p>49,593,113</p> <p>+133,133 New Cases</p>	<p>7 DAY CASE RATE PER 100,000</p> <p>248.2</p>	<p>TOTAL DEATHS</p> <p>791,963</p> <p>+1,196 New Deaths</p>
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CDC | Data as of: December 10, 2021 12:55 PM ET. Posted: December 10, 2021 3:36 PM ET

COVID-19 Vaccinations in the United States

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

<p>Total Vaccine Doses</p> <p>Delivered 591,558,685</p> <p>Administered 480,567,772</p> <p>Learn more about the distribution of vaccines.</p>	<table border="1"> <thead> <tr> <th>At Least One Dose</th> <th>Fully Vaccinated</th> <th>Booster Doses***</th> </tr> <tr> <th>Fully Vaccinated* People</th> <th>Count</th> <th>Percent of US Population</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>201,279,582</td> <td>60.6%</td> </tr> <tr> <td>Population ≥ 5 Years of Age</td> <td>201,269,774</td> <td>64.5%</td> </tr> <tr> <td>Population ≥ 12 Years of Age</td> <td>199,004,510</td> <td>70.2%</td> </tr> <tr> <td>Population ≥ 18 Years of Age</td> <td>185,816,511</td> <td>71.9%</td> </tr> <tr> <td>Population ≥ 65 Years of Age</td> <td>47,726,386</td> <td>87.1%</td> </tr> </tbody> </table>	At Least One Dose	Fully Vaccinated	Booster Doses***	Fully Vaccinated* People	Count	Percent of US Population	Total	201,279,582	60.6%	Population ≥ 5 Years of Age	201,269,774	64.5%	Population ≥ 12 Years of Age	199,004,510	70.2%	Population ≥ 18 Years of Age	185,816,511	71.9%	Population ≥ 65 Years of Age	47,726,386	87.1%	<table border="1"> <thead> <tr> <th>At Least One Dose</th> <th>Fully Vaccinated</th> <th>Booster Doses***</th> </tr> <tr> <th>Fully Vaccinated* People with a Booster Dose**</th> <th>Count</th> <th>Percent of Fully Vaccinated*</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>51,749,171</td> <td>25.7%</td> </tr> <tr> <td>Population ≥ 18 Years of Age</td> <td>51,692,082</td> <td>27.8%</td> </tr> <tr> <td>Population ≥ 50 Years of Age</td> <td>38,048,753</td> <td>39.2%</td> </tr> <tr> <td>Population ≥ 65 Years of Age</td> <td>24,043,915</td> <td>50.4%</td> </tr> </tbody> </table>	At Least One Dose	Fully Vaccinated	Booster Doses***	Fully Vaccinated* People with a Booster Dose**	Count	Percent of Fully Vaccinated*	Total	51,749,171	25.7%	Population ≥ 18 Years of Age	51,692,082	27.8%	Population ≥ 50 Years of Age	38,048,753	39.2%	Population ≥ 65 Years of Age	24,043,915	50.4%
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201.3M
People fully vaccinated

51.7M
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.

***Some COVID-19 vaccine recipients are [recommended to receive booster doses.](#)

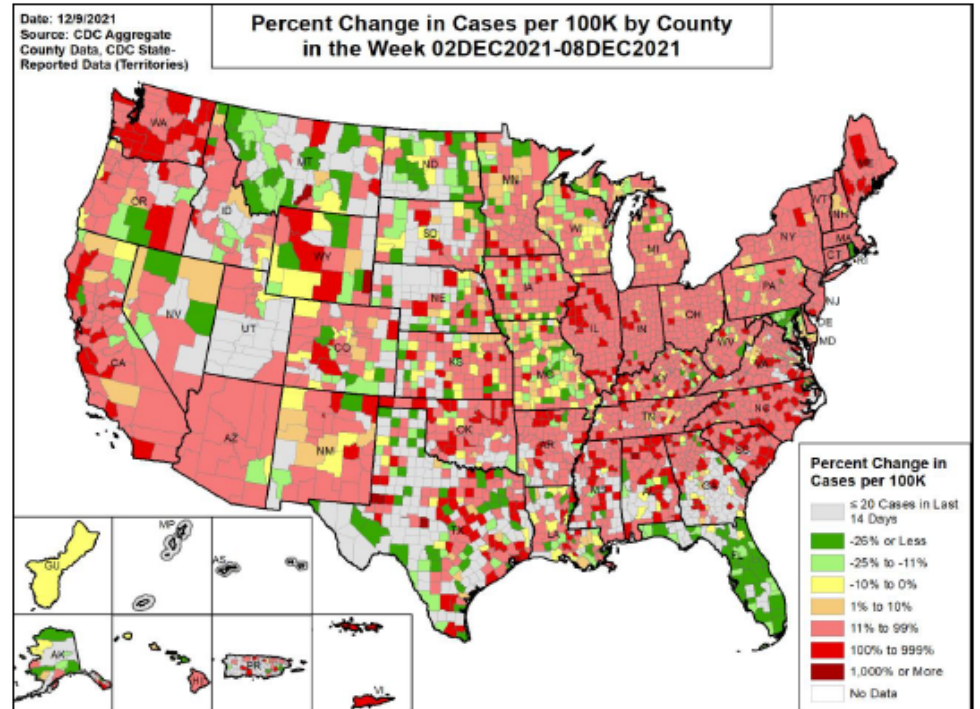
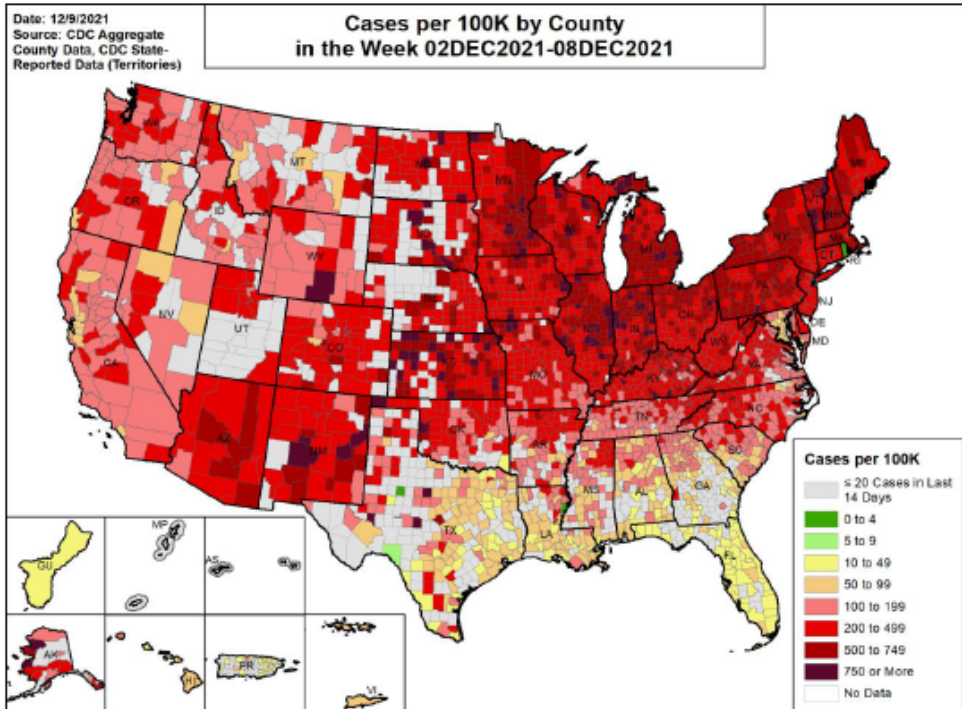
† About these data

CDC | Data as of: December 10, 2021 6:00am ET. Posted: Friday, December 10, 2021 3:36 PM ET

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

Incidence Rate in the Last 7 Days: 249.9 per 100,000

Percent Change from Previous 7 Days: +37.3%



Due to a cyber attack still under investigation, Maryland has not updated county cases or deaths since 12/05/2021.
 RI cases and deaths data has at least 7 days with no reporting in the last week (by the data cutoff time for this report), which may result in missing values and inaccurate cases and death statistics

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



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

248.2

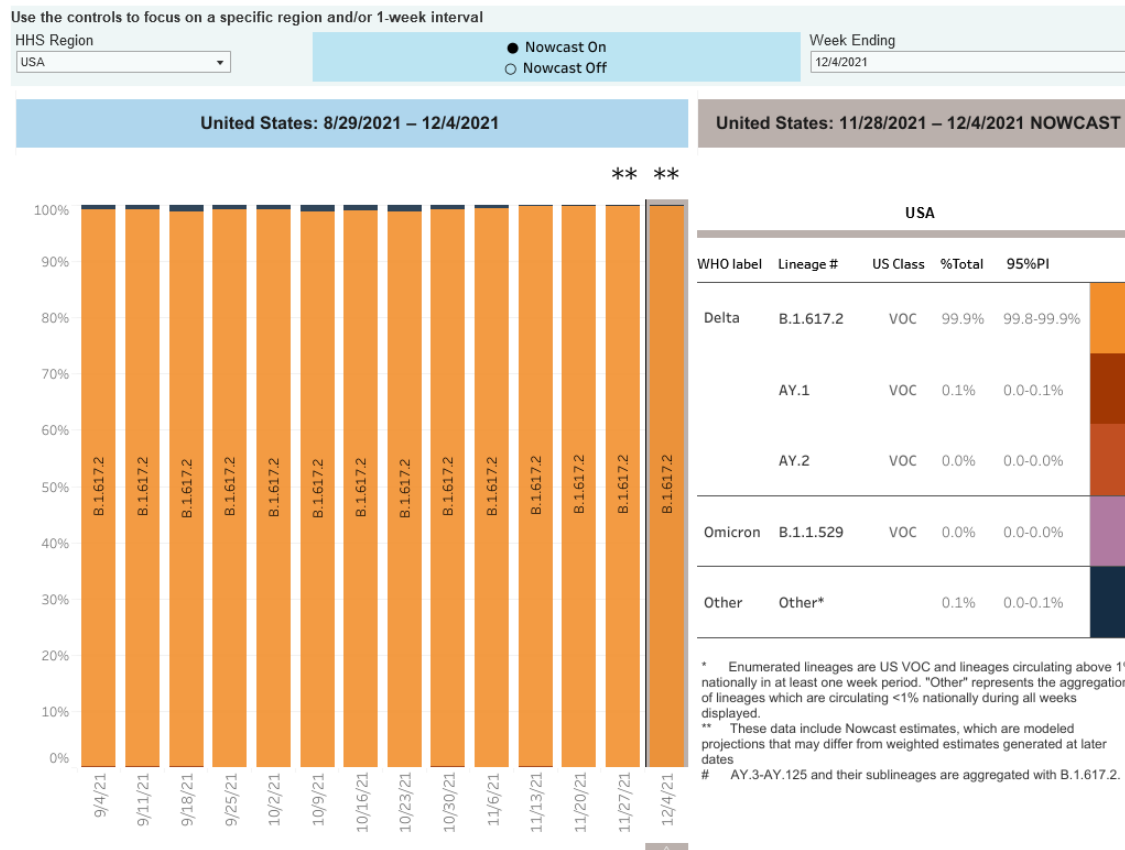
7 DAY PERCENT POSITIVITY

7.5%

CDC | Data as of: December 10, 2021 12:55 PM ET. Posted: December 10, 2021 3:36 PM ET

Variant Proportions

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



COVID-19 By the Numbers as of 11-29-2021













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

COVID-19 RESPONSE BY THE NUMBERS

As of November 29, 2021



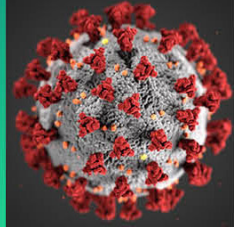
Accessible www.cdc.gov/coronavirus/2019-ncov/cdcresponse/by-the-numbers.html

	9,953	CDC personnel supporting the outbreak response		53.3+ million	Times people have used CDC's online Coronavirus Self-Checker
	1,861	CDC deployers who have conducted 4,259 deployments to 348 cities across the United States and abroad		1.5+ million	Calls and emails to CDC-INFO
	373	COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)		3.5+ billion	Times people have looked for information on CDC websites
	9,207	Documents providing information and guidance for government agencies, businesses, and the public		4.4+ billion	Social media impressions on 17,954 CDC response-related posts
	661+ million	COVID-19 tests conducted by public and private laboratories in the United States		91,881+	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC
	231+ million	People who have received at least one dose of a COVID-19 vaccine		196+ million	People who have been fully vaccinated with a COVID-19 vaccine

[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)

CS316565-A

COVID-19 Science Update



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

[COVID-19 Science Update released: December 3, 2021 Edition 115](#)

[COVID-19 Science Update released: November 19, 2021 Edition 114](#)

[COVID-19 Science Update released: November 15, 2021 Edition 113](#)

[COVID-19 Science Update released: November 5, 2021 Edition 112](#)

[COVID-19 Science Update released: October 29, 2021 Edition 111](#)

[COVID-19 Science Update released: October 22, 2021 Edition 110](#)

[COVID-19 Science Update released: October 15, 2021 Edition 109](#)

[COVID-19 Science Update released: October 8, 2021 Edition 108](#)

[COVID-19 Science Update released: October 1, 2021 Edition 107](#)

[COVID-19 Science Update released: September 24, 2021 Edition 106](#)

[COVID-19 Science Update released: September 17, 2021 Edition 105](#)

[COVID-19 Science Update released: September 10, 2021 Edition 104](#)

[COVID-19 Science Update released: August 20, 2021 Edition 103](#)

[COVID-19 Science Update released: August 13, 2021 Edition 102](#)

[COVID-19 Science Update released: August 6, 2021 Edition 101](#)

CDC What's New & Updated

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

- [12/10/21 EARLY RELEASE: Booster and Additional Primary Dose COVID-19 Vaccinations Among Adults Aged ≥65 Years — United States, August 13, 2021–November 19, 2021](#)
- [12/10/21 EARLY RELEASE: SARS-CoV-2 B.1.1.529 \(Omicron\) Variant — United States, December 1–8, 2021](#)
- [12/10/21 Cases in the U.S.](#)
- [12/10/21 Overall US COVID-19 Vaccine Distribution and Administration Update as of Fri, 10 Dec 2021 06:00:00 EST](#)
- [12/9/21 Omicron Variant: What You Need to Know](#)
- [12/9/21 International Travel](#)
- [12/9/21 COVID-19 Vaccines for People with Disabilities](#)
- [12/9/21 COVID Data Tracker Weekly Review](#)
- [12/9/21 Coronavirus Disease 2019 \(COVID-19\)](#)
- [12/9/21 Travel](#)
- [12/9/21 CDC Expands COVID-19 Booster Recommendations to 16-and-17-year-olds](#)
- [12/9/21 Community-Based Testing Sites for SARS-CoV-2 — United States, March 2020–November 2021](#)
- [12/9/21 Comparative Effectiveness and Antibody Responses to Moderna and Pfizer-BioNTech COVID-19 Vaccines among Hospitalized Veterans — Five Veterans Affairs Medical Centers, United States, February 1–September 30, 2021](#)
- [12/8/21 What to Do if a Child Becomes Sick Or Receives A New COVID-19 Diagnosis At Your Child Care Program](#)
- [12/8/21 Cases & Deaths by County](#)
- [12/8/21 Non-U.S. citizen, Non-U.S. immigrants: Air Travel to the United States](#)
- [12/8/21 Quarantine and Isolation](#)
- [12/8/21 COVID-19 Vaccine Booster Shot](#)
- [12/8/21 Breastfeeding and Caring for Newborns if You Have COVID-19](#)
- [12/8/21 COVID-19 Vaccines for Moderately to Severely Immunocompromised People](#)
- [12/8/21 International Travel During COVID-19](#)
- [12/8/21 Reporting COVID-19 Vaccinations in the United States](#)
- [12/8/21 Staffing Resources](#)
- [12/8/21 Public Service Announcements \(PSAs\)](#)
- [12/8/21 Schools and Childcare Programs](#)

CDC Guidance

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

[Testing Strategies for SARS-CoV-2](#)

This guidance describes and compares different types of SARS-CoV-2 (the virus that causes COVID-19) testing strategies, including their intended use and applications, regulatory requirements, and reporting requirements. Date: 12/6/21

[Public Health Guidance for Potential COVID-19 Exposure Associated with Travel](#)

Find detailed guidance for public health officials about possible COVID-19 travel exposure, risk assessments, and other technical considerations. Date: 12/1/21

[Documenting Vaccinations at Third-Party Clinics in VAMS](#)

Quick reference guide for clinic administrators and healthcare professionals to document vaccinations at third-party clinics, including backdating vaccination events, bulk uploading past vaccinations, and editing or invalidating vaccination records. Date: 11/29/21

[Scheduling Appointments for Recipients](#)

Jurisdiction Contact Center users can register recipients in VAMS and schedule vaccination appointments on their behalf. Date: 11/29/21

[Interim Public Health Recommendations for Fully Vaccinated People](#)

Interim public health recommendations describing the type of activities people who are fully vaccinated can do once fully vaccinated. Date: 11/18/21

[Considerations for Inpatient Obstetric Healthcare Settings](#)

Find information on managing in-patient pregnant women with confirmed or suspected COVID-19, including considerations for newborns and breastfeeding. Date: 11/18/21

[COVID-19 Guidance for Operating Early Care and Education/Child Care Programs](#)

See COVID-19 guidance for operating early care and education/child care programs including mask use, physical distancing and cohorting, and ventilation. Date: 11/9/21

[Interim Considerations: Preparing for the Potential Management of Anaphylaxis after COVID-19 Vaccination](#)

Interim considerations for preparing for the initial assessment and management of anaphylaxis following COVID-19 vaccination. Date: 11/8/21

[Guidance for COVID-19 Prevention in K-12 Schools](#)

See guidance on COVID-19 prevention in kindergarten (K)-12 schools including promoting vaccination, mask use, and physical distancing. Date: 11/4/21

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, and Proclamations.
<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

Doses Administered by County of Residence

26,109,814 (69.3%) *People fully vaccinated*
3,081,829 (8.2%) *People partially vaccinated*



60,762,529 (85.3%) *Doses administered*
222,837 *Average doses per day*

7,277,683 (36.2%) *Booster recipients*



5,601,603 *Doses on hand*
(25 days of inventory)



71,235,345 *Doses Delivered*
27,213,480 *CDC Pharmacy Doses Delivered*

County

(All)



Riverside	3,077,510
Alameda	2,928,970
San Bernardino	2,565,706
Sacramento	2,227,820
Contra Costa	2,067,547
San Francisco	1,680,977
San Mateo	1,438,451
Ventura	1,308,495
Fresno	1,274,500
San Joaquin	981,037
Kern	980,626
Sonoma	852,090
Stanislaus	667,837
Santa Barbara	664,415

See [Data Dictionary](#) for Details.

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?

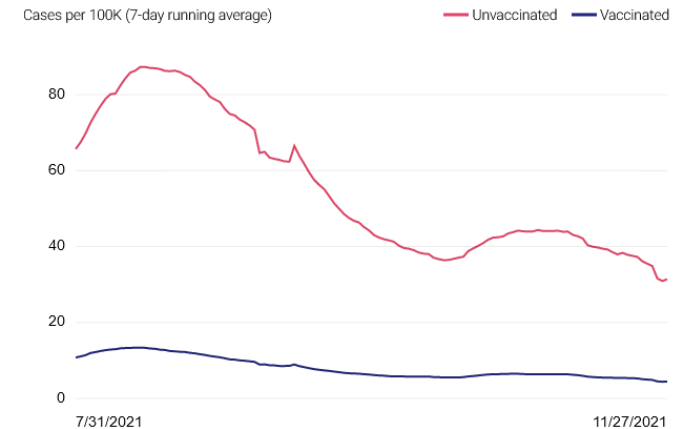
Tracking cases of COVID-19 that occur after vaccination is important for monitoring the immunization campaign. While COVID-19 vaccines are safe and effective, some cases are still expected in persons who have been vaccinated, as no vaccine is 100% effective. If the number or severity of post-vaccination 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>

Cases	Hospitalizations	Deaths
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From November 21, 2021 to November 27, 2021, unvaccinated people were **7.1 times more likely** to get COVID-19 than fully vaccinated people.

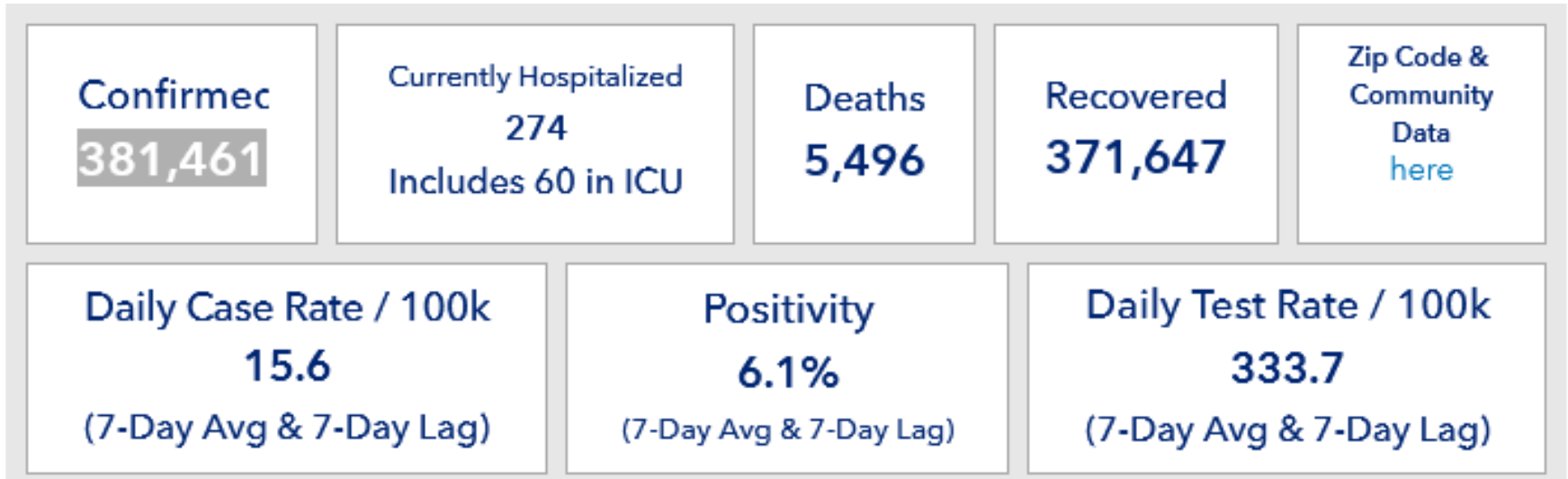


[Unvaccinated and vaccinated cases, hospitalizations, and death source data](#)



Riverside County Data

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



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

RUHS Public Health News:

- Pfizer vaccine doses for children between 5-11 years old to be made available in Riverside County [English](#) / [Spanish](#)
- Booster for Moderna, Johnson & Johnson to be available in Riverside County starting Tuesday [English](#) / [Spanish](#)
- Booster vaccine doses available in Riverside County from Public Health and community partners [English](#) / [Spanish](#)
- Health officials confirm death of 4-year-old is COVID-19 related [English](#) / [Spanish](#)
- [Black barbershops, salons in RivCo join the fight against vaccine hesitancy](#)
- Additional vaccine available for individuals in Riverside County with immunocompromised health [English](#) / [Spanish](#) - August 19, 2021
- COVID-19 vaccine clinics closing in Hemet, Desert Hot Springs, Moreno Valley and Perris [English](#) / [Spanish](#) - August 12, 2021
- Vaccine clinics closing in Riverside and Lake Elsinore as health officials continue focus on mobile teams [English](#) / [Spanish](#) - July 30, 2021

RIVERSIDE COUNTY DAILY COVID-19 REPORT

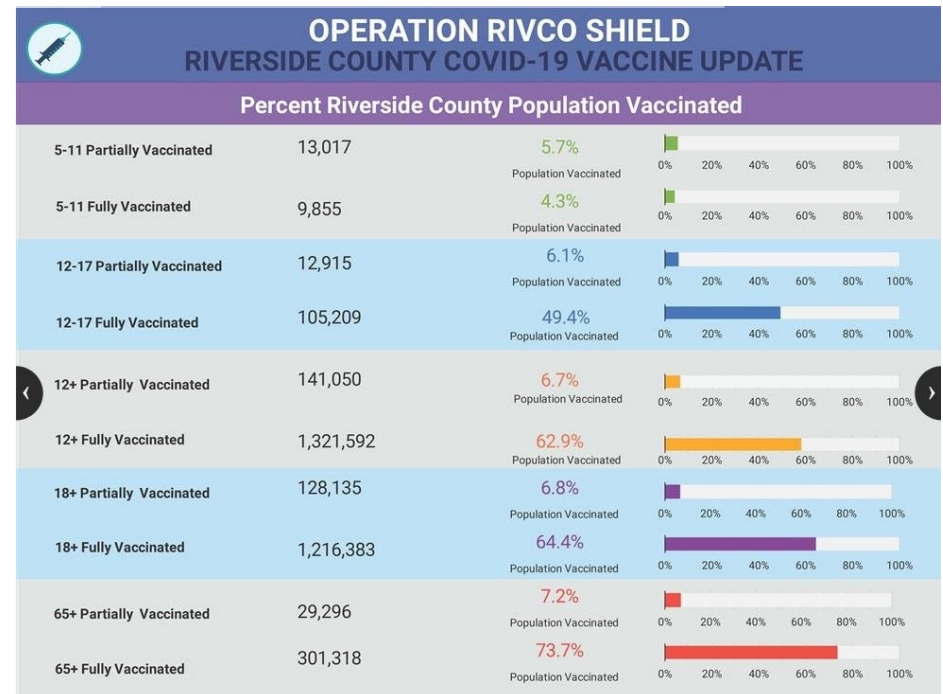
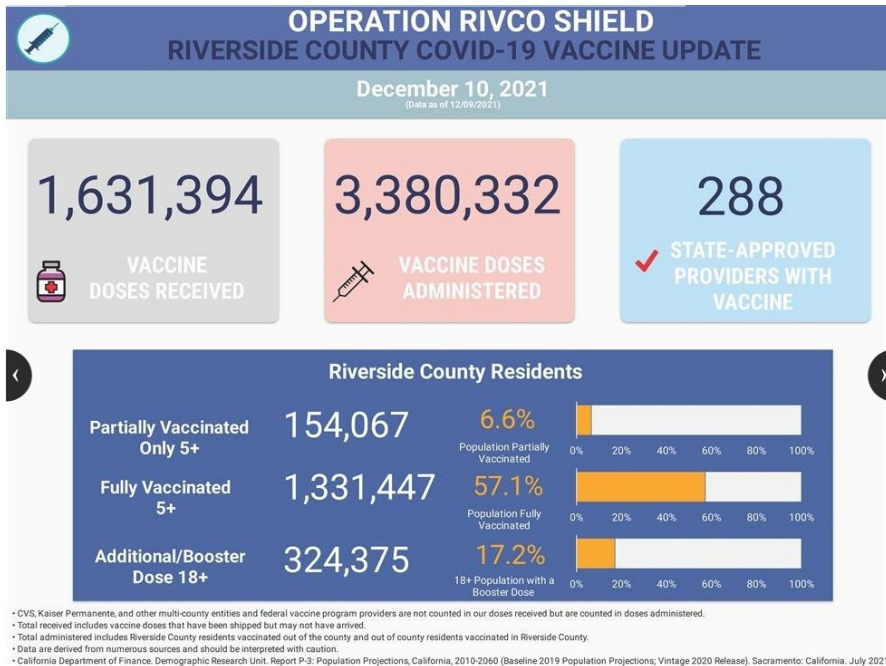
<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/DailyEpidemiologySummary.pdf?x=1636149174537>

COVID-19 Vaccine

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

RUHS Public Health:

- [Pfizer Covid Vaccine Updated EUA – October 20, 2021](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine \(Vaccination Providers\) Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) – October 20, 2021](#)
- [Fact Sheet for Recipients and Caregivers Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) in Individuals 12 Years of Age and Older – October 20, 2021](#)
- [Moderna covid Vaccine Updated Emergency Use Authorization \(EUA\) for Providers and Recipients – October 20, 2021](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine \(Vaccination Providers\) Emergency Use Authorization \(EUA\) of the Moderna Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) – October 20, 2021](#)
- [Fact Sheet for Recipients and Caregivers Emergency Use Authorization \(EUA\) of the Moderna Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) in Individuals 18 Years of Age and Older – October 20, 2021](#)
- [Pfizer Covid Vaccine Updated EUA – October 20, 2021](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine \(Vaccination Providers\) Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) – October 20, 2021](#)
- [Fact Sheet for Recipients and Caregivers Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) in Individuals 12 Years of Age and Older – October 20, 2021](#)



Weather

	Sat 12/11	Sun 12/12	Mon 12/13	Tue 12/14	Wed 12/15	Thu 12/16	Fri 12/17
Orange/San Diego Beaches			PM Rain	Rain Wind High Surf	AM Showers Elevated Surf		Showers
San Diego Coast San Diego, La Jolla, Oceanside			PM Rain	Rain Wind	AM Showers		Showers
San Diego Valleys Alpine, Escondido, Ramona	Frost	Frost	PM Rain	Rain Wind	AM Showers	Frost	Showers
San Diego County Mtns Mt Laguna, Julian, Palomar Mt			PM Rain	Rain Snow Wind	AM Rain/Snow Showers		Showers
San Diego Deserts Anza Borrego, Ocotillo Wells			PM Showers	Rain Wind	AM Showers		
Orange County Coast Laguna and Huntington Beaches			PM Rain	Rain Wind	AM Showers		Showers
Orange County Inland Anaheim, Irvine, Yorba Linda			PM Rain	Rain Wind	AM Showers		Showers
Santa Ana Mountains Silverado, Santiago Peak			PM Rain	Rain Wind	AM Showers		Showers
Inland Empire Ontario, Riverside, Temecula	Frost	Frost	PM Rain	Rain Wind	AM Showers	Frost	Showers
Riverside County Mtns Mt San Jacinto, Idyllwild			PM Rain/Snow	Rain Wind Snow	AM Rain/Snow Showers		Showers
Coachella Valley Palm Springs, Indio			PM Showers	Rain Wind	AM Showers		
San Bernardino Mtns Wrightwood, Big Bear			PM Rain/Snow	Rain Wind Snow	AM Rain/Snow Showers		Showers
High Deserts Victorville, Lucerne Valley	Frost	Frost	PM Showers	Rain Wind	AM Showers	Frost	

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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Latest hazard threat table: <https://www.wrh.noaa.gov/sqx/event/dsstable.php>

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

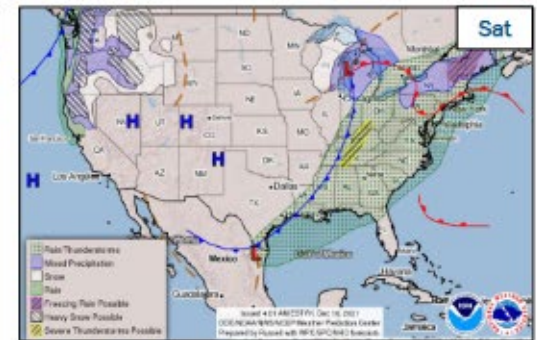
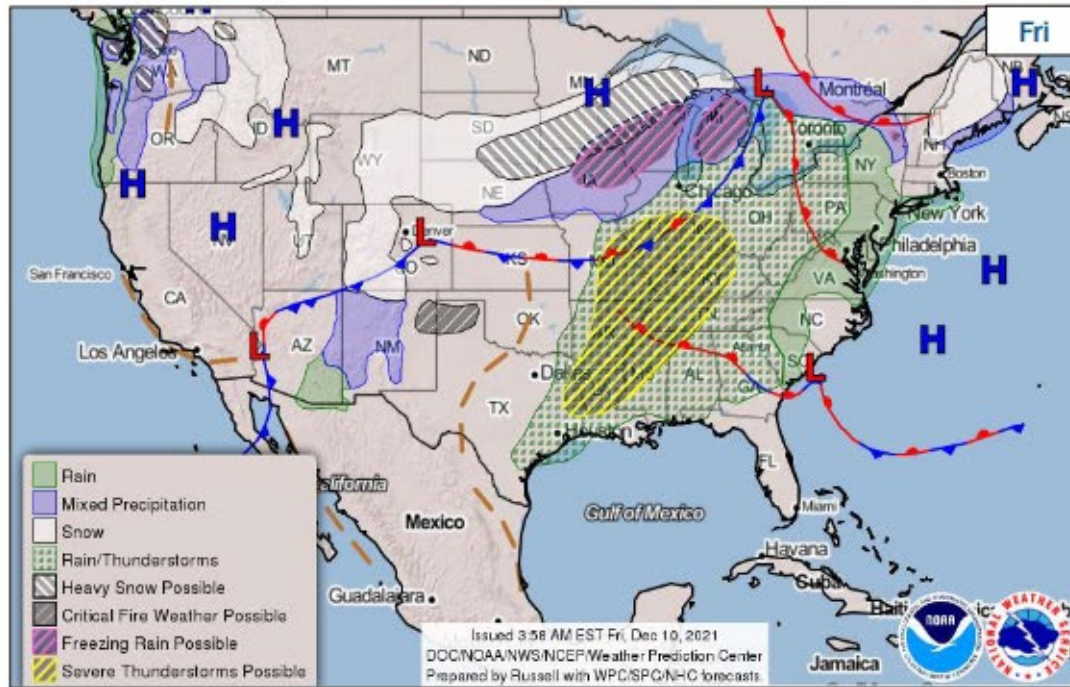
Prepared by Justin Czerniak

justin.czerniak@norccollege.edu

Daily Situation Reports Archive

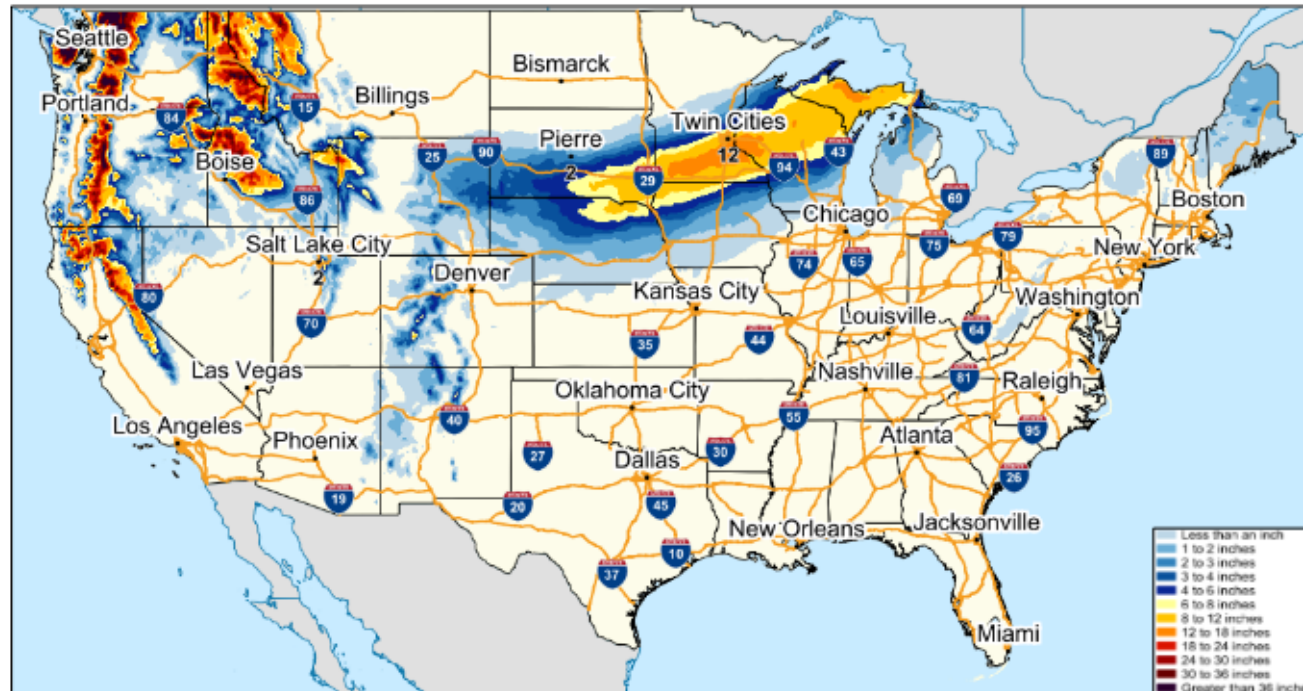
<https://www.norccollege.edu/sep/Pages/reports.aspx>

National Weather Forecast



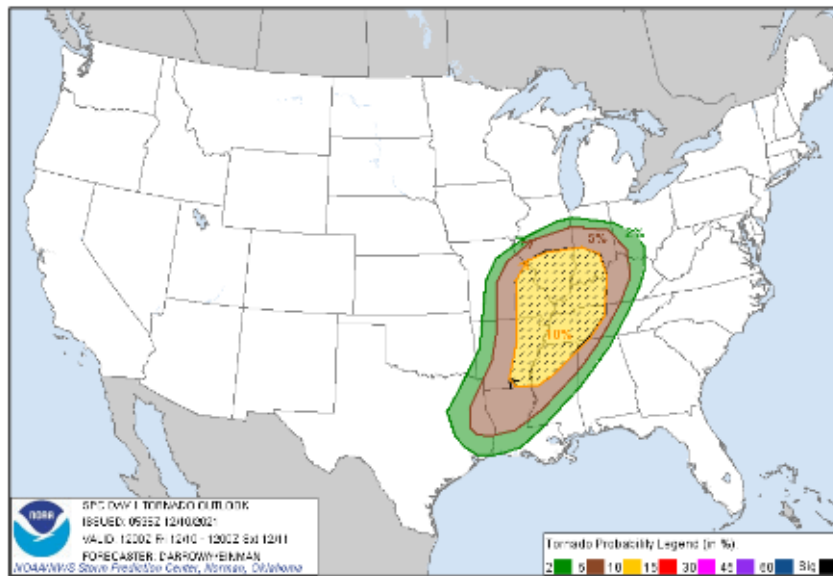
National Watch Center

Forecast Snowfall

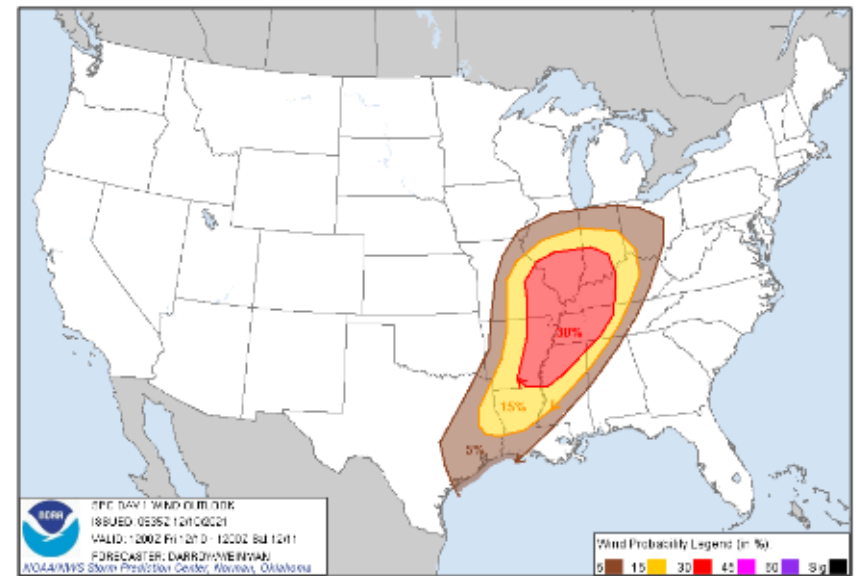


National Watch Center

Severe Weather Outlook



Tornado Outlook



Winds Outlook

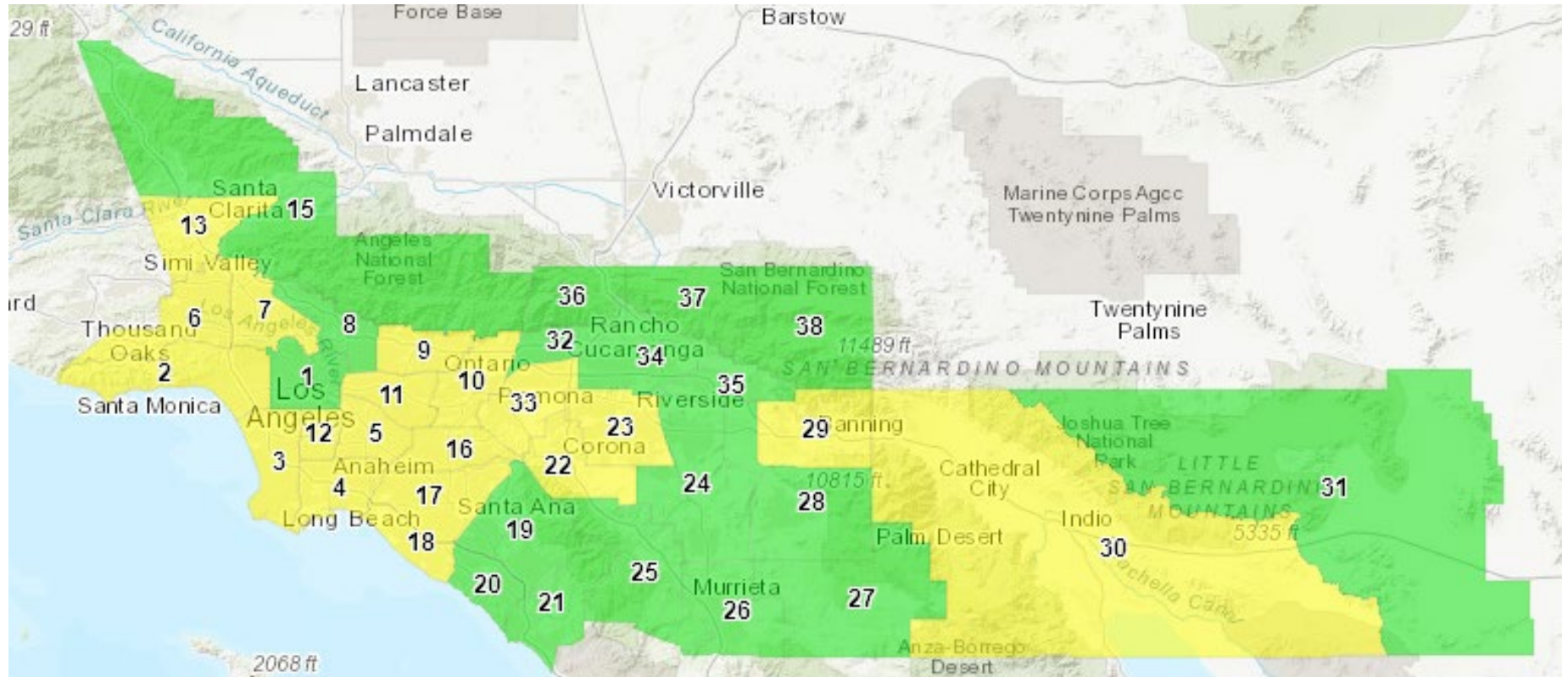


National Watch Center



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)