



**\*\*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, January 7, 2022 - Day 667 of the Pandemic

### As of 3:00 PM

### COVID-19 by the Numbers

01/07/2022	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	410,155	38,411	137,773	1,686,203	358,052	401,938	451,154	33,667	51,912	112,762	5,424,507	58,689,973	296,496,809
Total Cases Per Capita	16,618	20,042	14,858	16,439	11,090	18,127	13,386	12,073	11,375	13,223	13,518	17,573	3,744
% of Total Cases/Population	16.62%	20.04%	14.86%	16.44%	11.09%	18.13%	13.39%	12.07%	11.37%	13.22%	13.52%	17.57%	3.74%
Recovered**	<a href="#">390,880</a>	<a href="#">33,834</a>	<a href="#">157,855</a>	<a href="#">Not Reported</a>	<a href="#">311,519</a>	<a href="#">379,455</a>	<a href="#">Not Reported</a>	<a href="#">31,635</a>	<a href="#">54,092</a>	<a href="#">104,923</a>	<a href="#">2,751,778</a>	<a href="#">42,089,198</a>	<a href="#">257,901,697</a>
% of total recovered/population	15.84%	17.65%	17.02%	Not Reported	9.65%	17.11%	Not Reported	11.34%	11.85%	12.30%	6.86%	12.60%	3.26%
Total Deaths	5,504	800	387	27,394	5,894	6,056	4,476	367	571	1,211	37,074	831,729	5,462,631
Deaths Per Capita	223.00	417.43	41.74	267.06	182.56	273.11	132.80	131.61	125.12	142.01	92.39	249.04	68.98
% of Total Deaths/Population	0.22%	0.42%	0.04%	0.27%	0.18%	0.27%	0.13%	0.13%	0.13%	0.14%	0.09%	0.25%	0.07%
% of State's Cases	7.56%	0.71%	2.54%	31.08%	6.60%	7.41%	8.32%	0.62%	0.96%	2.08%	9.24%	19.79%	
Currently in Hospitals	791	64	167	2,902	779	862	837	34	75	196	9,279		
Total Hospital Beds	3,508	194	1,134	19,164	5,974	3,736	6,521	447	614	1,204	66,821		
Currently in ICU	126	25	31	426	122	166	156	9	8	31	1,500		
ICU Beds Available	65	0	28	455	130	98	195	16	31	24	1,541		
Case Fatality Rate	1.34%	2.08%	0.28%	1.62%	1.65%	1.51%	0.99%	1.09%	1.10%	1.07%	0.68%	1.42%	1.84%
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	333,976,981	7,918,710,000
% of State Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	0.69%	1.14%	2.13%	12.02%	4.22%	

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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**Global Data**  
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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.

### **Israel Approves 4th Covid Vaccine Dose for People 60 and Over**

- Prime Minister Naftali Bennett announced that Israel would offer a fourth dose of the coronavirus vaccine to medical workers and people age 60 and above, making it the first country to broadly roll out an additional booster.  
<https://www.nytimes.com/video/world/middleeast/100000008143010/israel-covid-vaccine-boosters.html>

### **Hong Kong bans flights from 8 countries, tightens COVID curbs**

- Hong Kong has announced a two-week ban on incoming flights from eight countries and tightened coronavirus restrictions after detecting cases of the Omicron variant.
- Carrie Lam, the chief executive of Hong Kong, told reporters on Wednesday that incoming flights from Australia, Canada, France, India, Pakistan, the Philippines, the United Kingdom and the United States, including interchanges, would be banned from January 8 to January 21.  
<https://www.aljazeera.com/news/2022/1/5/hong-kong-bans-flights-from-8-countries-tightens-covid-curbs>

### **Supreme Court hears vaccine mandate cases**

- The Supreme Court spent about three and half hours total on both cases, in what was a marathon session for a court that rarely hosts oral arguments on Friday.
- What comes next was only briefly alluded to during Friday's session. The cases before the Supreme Court are in an emergency posture, meaning that the court is not being asked to do a full review on the merits on each case.
- For the Occupational Safety and Health Administration's (OSHA) testing-or-vaccine rules, states are asking the court to put on hold an appeals court order that allows the mandate to be implemented, and in the health care worker case, the administration is asking the justices to lift lower court orders freezing the requirement in several states while the lawsuit plays out.
- So it's unclear how quickly we will hear from the court, how much explanation it will give for why it's doing what it is doing, or even if there will be a heads up that the decision is coming.  
<https://www.cnn.com/politics/live-news/biden-covid-vaccine-mandates-supreme-court-01-07-22/index.html>

### **WHO chief warns Omicron not 'mild'**

- The more infectious Omicron coronavirus variant appears to produce less severe disease than the globally dominant Delta strain, but it should not be categorised as "mild", said WHO Director-General Tedros Adhanom Ghebreyesus.  
<https://www.aljazeera.com/news/2022/1/6/morrison-denies-djokovic-singled-out-over-covid>

### **Amazon cuts paid Covid leave time for workers following changes to CDC guidance**

- Amazon said all U.S. workers who test positive for Covid-19 and those required to quarantine will now be eligible for one week, or up to 40 hours, of paid leave.
- Previously, Amazon offered up to two weeks of paid Covid leave.
- Amazon's decision follows the U.S. Centers for Disease Control and Prevention's updated recommendations last week that asymptomatic people with Covid-19 isolate for five days instead of ten days.  
<https://www.cnn.com/2022/01/07/amazon-cuts-paid-covid-leave-for-workers-as-cdc-guidance-shifts.html>

## WHO: Record weekly jump in COVID-19 cases, fewer deaths

- “Last week, the highest number of COVID-19 cases were reported so far in the pandemic,” WHO Director-General Tedros Adhanom Ghebreyesus said on Thursday. He said the figure was certainly an underestimate because of a backlog in testing around the year-end holidays.
- The United Nations health agency, in its weekly report on the pandemic, said the weekly count amounted to 9,520,488 new cases – with 41,178 deaths recorded last week compared with 44,680 in the week before that.  
<https://www.aljazeera.com/news/2022/1/6/who-record-weekly-jump-in-covid-19-cases-but-fewer-deaths>

## Weekly epidemiological update on COVID-19 - 6 January 2022-

<https://www.who.int/publications/m/item/weekly-epidemiological-update-on-covid-19---6-january-2022>

WHO Region	New cases in last 7 days (%)	Change in new cases in last 7 days *	Cumulative cases (%)	New deaths in last 7 days (%)	Change in new deaths in last 7 days *	Cumulative deaths (%)
Europe	5 390 588 (57%)	65%	103 190 471 (36%)	22 817 (55%)	-6%	1 674 758 (31%)
Americas	3 263 069 (34%)	100%	104 698 449 (36%)	10 787 (26%)	-18%	2 411 818 (44%)
Western Pacific	329 598 (3%)	38%	11 391 761 (4%)	2 769 (7%)	-10%	156 515 (3%)
Africa	294 373 (3%)	7%	7 350 001 (3%)	1 159 (3%)	22%	156 451 (3%)
South-East Asia	135 147 (1%)	78%	45 034 821 (16%)	2 454 (6%)	-9%	721 940 (13%)
Eastern Mediterranean	107 713 (1%)	40%	17 201 367 (6%)	1 192 (3%)	-7%	316 141 (6%)
Global	9 520 488 (100%)	71%	288 867 634 (100%)	41 178 (100%)	-10%	5 437 636 (100%)

## WHO: Campaign to vaccinate 70% of the world Population to end the acute phase of the pandemic in 2022.

- During the COVID-19 Update on 01-06-2022 Dr Tedros Adhanom Ghebreyesus calls for every country to share resources and be equitable to end the acute phase of the pandemic.  
<https://fb.watch/aonXrqf43F/> Time stamp 3:32
- **Related – Dr. Mike Ryan on tactics and strategies to counter COVID-19 on 12-29-2021**  
"The acute phase of the pandemic, the pandemic that's been associated with the tragedy of deaths & hospitalizations, that can end in 2022." <https://fb.watch/aomJF72Wbf/>
- **Related – Dr. Tedros Adhanom Ghebreyesus on equitable distribution of vaccines on 11-12-2021**  
"Every day, there are 6 times more boosters administered globally than primary COVID-19 vaccine doses in low-income countries. This is a scandal that must stop now" [https://fb.watch/aon5swgm\\_Z/](https://fb.watch/aon5swgm_Z/)

## Moderna CEO sees another round of COVID booster jobs in fall

- Moderna Inc. Chief Executive Officer Stephane Bancel said another round of vaccine boosters against Covid-19 will probably be needed this fall, even if immunity to the rapidly spreading omicron variant becomes widespread.
- Highly infectious omicron may move the world rapidly to an endemic phase where most people are exposed to the virus, the vaccine CEO said at a presentation late Thursday at a health-care conference hosted by Goldman Sachs Group Inc. Yet it's not yet clear how long protection from the current round of boosters will hold before fading, nor can scientists yet predict the potential impact of future mutations on the severity of the disease, he said.
- "Assuming omicron is an acceleration to the endemic phase, I still believe we're going to need boosters in the fall of '22 and forward," Bancel said in a presentation. However, boosters given this month or in the last quarter of 2021 will probably hold until spring begins in the Northern Hemisphere, he said.
- Moderna is continuing to work on an omicron-specific shot and expects to start human trials very soon, Bancel said. The company will also continue to look at shots tailored for a combination of different strains, he said.
- Moderna and competitors Pfizer Inc. and BioNTech SE have an interest in nudging policymakers toward regular Covid shots. Countries around the world have rushed forward with booster drives in an attempt to slow omicron's spread, even as it remains unclear how long the boosters will protect against infection. Israel has started offering a fourth dose of the vaccine to people aged 60 and over as the country grapples with record numbers of new cases.

<https://www.aljazeera.com/economy/2022/1/7/moderna-ceo-sees-another-round-of-covid-boosters-in-fall>

## Why Cloth Masks Might Not Be Enough as Omicron Spreads

- With infections surging due to the fast-spreading Omicron variant, including among the vaccinated, physicians are now urging people to ditch cloth face masks, which they say may not provide enough protection against the virus. Instead, they recommend pairing cloth masks with surgical models or moving on to stronger respirator masks.
- The Mayo Clinic began on Thursday requiring all patients and visitors to wear surgical masks or N95 or KN95 masks. Anyone wearing a single-layer, homemade cloth mask, gaiter or bandanna, or a mask with a vent, will be provided a medical-grade mask to wear over it.
- "If you really want no exposure, you have to wear the right type of mask," says Monica Gandhi, an infectious disease specialist at the University of California, San Francisco. Dr. Gandhi recommends N95 masks, which are certified in the U.S., or the KN95, KF94 and FFP2 masks, which are certified in China, South Korea and Europe respectively. If those aren't available, she recommends double masking—a multilayered cloth mask tightly on top of a surgical mask. Surgical masks are made of polypropylene, which has electrostatic charge characteristics that block the virus.
- "If everyone is just wearing a cloth mask or just a surgical mask, it won't make any difference" with this highly-transmissible variant, she says. Others in the field say high-quality surgical masks, worn properly, offer protection, but they would also like more data and research on how they stand up against Omicron.
- "Any mask is better than no mask. But cloth masks and then surgical masks are not as good as N95-caliber masks," says Ranu Dhillon, a physician at Brigham and Women's Hospital.

<https://www.wsj.com/articles/cloth-face-mask-omicron-11640984082>

		PERSON NOT INFECTED IS WEARING			
		Nothing	Cloth mask	Surgical mask	N95
PERSON INFECTED IS WEARING	Nothing	15 min.	20 min.	30 min.	2.5 hours
	Cloth mask	20 min.	27 min.	40 min.	3.3 hours
	Surgical mask	30 min.	40 min.	1 hour	5 hours
	N95	2.5 hours	3.3 hours	5 hours	25 hours

It will take 25 hours for an infectious dose of Covid-19 to transmit between people wearing non-fitted N95 respirators. If they're using tightly sealed N95s—where only 1% of particles enter the facepiece—they will have 2,500 hours of protection.

Note: Results published in Spring 2021. The CDC expects the Omicron variant to spread more easily.  
Source: ACGIH's Pandemic Response Task Force



## California Department of Public Health (CDPH) made changes to isolation and quarantine periods

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Guidance-on-Isolation-and-Quarantine-for-COVID-19-Contact-Tracing.aspx>

The new CDPH's updated periods of isolation and quarantine override Cal/OSHA's ETS workplace exclusion periods. These are not applicable to healthcare personnel.

### **If you test Positive for COVID-19 you are to be in isolation regardless of vaccination status, previous infection or lack of symptoms.**

- ✓ Say home for at least 5 days
- ✓ Isolation can end after day 5 if symptoms are not present or are resolving and a diagnostic specimen\* collected on day 5 or later tests negative.
- ✓ If unable to test or choosing not to test, and symptoms are not present or are resolving, isolation can end after day 10.
- ✓ If fever is present, isolation should be continued until fever resolves.
- ✓ If symptoms, other than fever, are not resolving continue to isolate until symptoms are resolving or until after day 10.
- ✓ Wear a well-fitting mask around others for a total of 10 days, especially in indoor settings (see Section below on masking for additional information)

### **If you are Exposed to Someone with COVID-19 (Quarantine) Unvaccinated; OR Vaccinated and booster-eligible but have not yet received their booster dose.**

- ✓ Say home for at least 5 days after your last contact with a person who has COVID-19.
- ✓ Test on day 5.
- ✓ Quarantine can end after day 5 if symptoms are not present and a diagnostic specimen collected on day 5 or later tests negative.
- ✓ If unable to test or choosing not to test, and symptoms are not present, quarantine can end after day 10.
- ✓ Wear a well-fitting mask around others for a total of 10 days, especially in indoor settings (see Section below on masking for additional information).
- ✓ Strongly encouraged to get vaccinated or boosted.
- ✓ If testing positive, follow isolation recommendations above.
- ✓ If symptoms develop, test and stay home.

#### **In a workplace setting, asymptomatic employees in this category are not required to stay home from work if:**

- ✓ A negative diagnostic test is obtained within 3-5 days after last exposure to a case
- ✓ Employee wears a well-fitting mask around others for a total of 10 days
- ✓ Employee continues to have no symptoms.

### **If you are Exposed to Someone with COVID-19 (No Quarantine) if you are Boosted; OR Vaccinated, but not yet booster-eligible.**

- ✓ Test on day 5.
- ✓ Wear a well-fitting mask around others for 10 days, especially in indoor settings (see Section below on masking for additional information)
- ✓ If testing positive, follow isolation recommendations above.
- ✓ If symptoms develop, test and stay home.

## Employees in LA County must wear medical-grade masks, health officials say

- Employees in Los Angeles County who work indoors alongside others will be required to wear medical-grade masks starting Jan. 17, according to a new county health order.
- Under the new order issued Wednesday, employers must start providing employees who work indoors next to others "with well-fitting medical grade masks, surgical masks, or higher-level respirators, such as N95 or KN95 masks."
- Employers will be required to provide the masks, and employees will be required to wear them, according to the order.
- The county Department of Public Health issued the new order amid a staggering increase in COVID-19 infections as the highly-contagious omicron variant continues to spread rapidly.

<https://abc7.com/medical-grade-mask-n95-k95-la-county-mandate/11430277/>

## California schools are hurtling toward crisis. But omicron surge isn't the only problem

- If California genuinely wants to keep schools open, state leaders need to appreciate the depth of the crisis unfolding in its communities. [School districts are buckling](#) under staffing shortages caused by the explosive omicron variant and the internal strife over fragmented public health policies, once again [putting unions and districts at odds](#). Without further action, our children will [suffer](#) disproportionately, as they have throughout the pandemic.
- COVID infection rates in California [reached an all-time high](#) this week. With vital public spaces such as schools open, [hundreds of teachers and even more students are testing positive](#) and being forced into quarantine in Sacramento alone, causing widespread absences among credentialed staff.
- The failings of the latest coronavirus surge have familiar roots: toxic labor relations and an abdication of responsibility by state officials. Nowhere is that clearer than in the capital city.

<https://www.sacbee.com/opinion/editorials/article257109827.html>

## California COVID surge could ease next month

- The California surge in coronavirus cases has shut down schools and sidelined thousands of police, firefighters, teachers and health care workers but officials are hoping it will be short-lived.
- "My hope is that, you know, by the time we get to February, we're on the downside of seeing that massive amount of community transmission," Los Angeles County Public Health Director Barbara Ferrer said Thursday.
- California's number of confirmed COVID-19 cases has soared five-fold in two weeks and hospitalizations have doubled. Los Angeles County, the state's largest with 10 million residents, reported more than 37,000 new cases on Thursday, which was the highest level since the pandemic started.
- "We do see this as a surge that will be, it is our hope and belief, short-lived," Los Angeles Police Chief Michel Moore said Thursday as the city announced that the virus had sidelined more than 800 police and fire personnel.

<https://www.pressdemocrat.com/article/news/official-california-covid-surge-could-ease-next-month/>

## Orange County reports third COVID-19 death of a child younger than 5

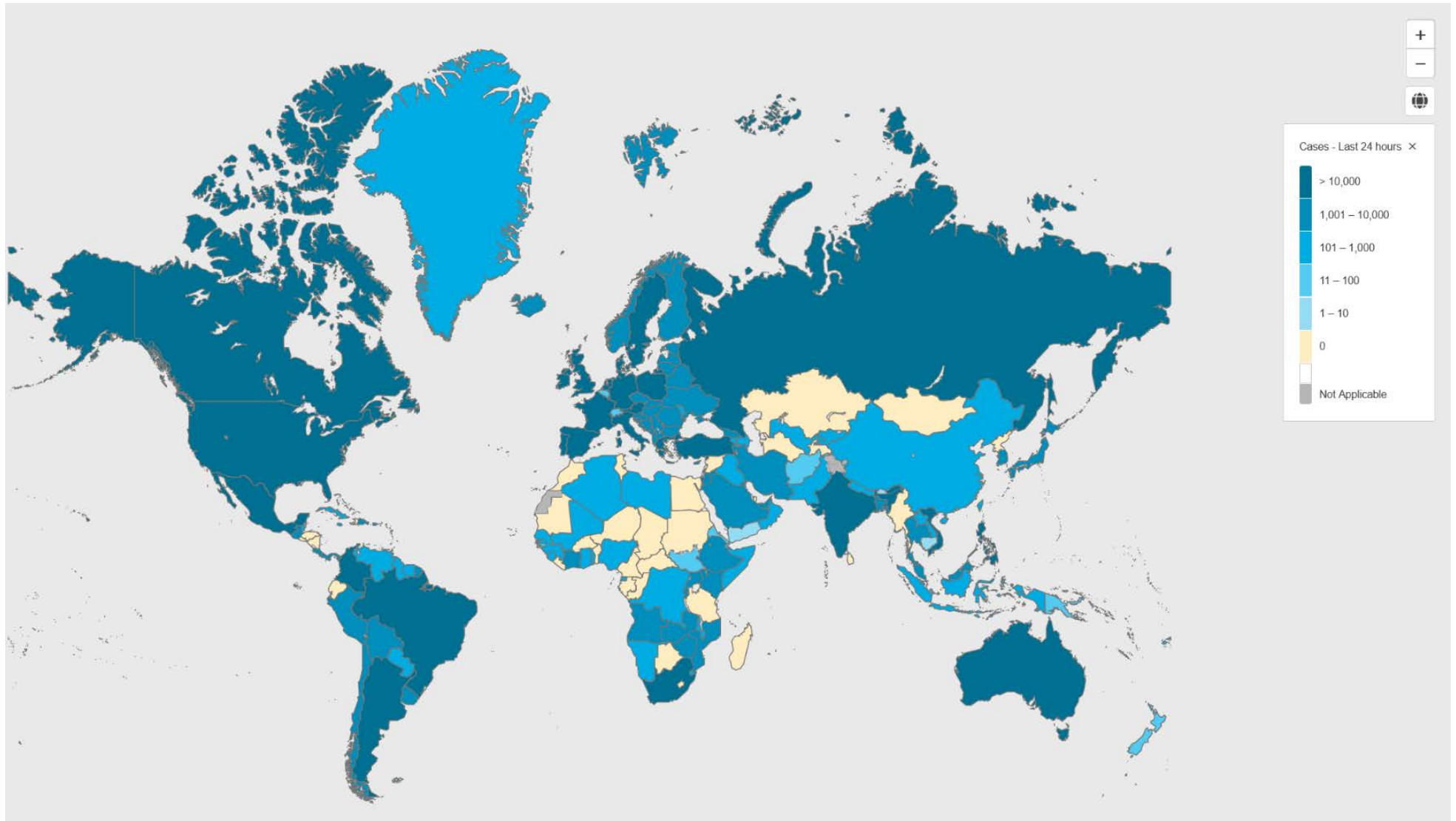
- "We have lost another precious young life to this terrible virus; it is our third pediatric death in Orange County since the start of the pandemic," said Dr. Clayton Chau, the county's health officer. "This is yet another somber reminder that we must continue to do everything we can to protect our loved ones, especially our little ones under 5 years of age who are not able to be vaccinated."

<https://www.latimes.com/california/story/2022-01-06/orange-county-third-pediatric-covid-death-young-child>

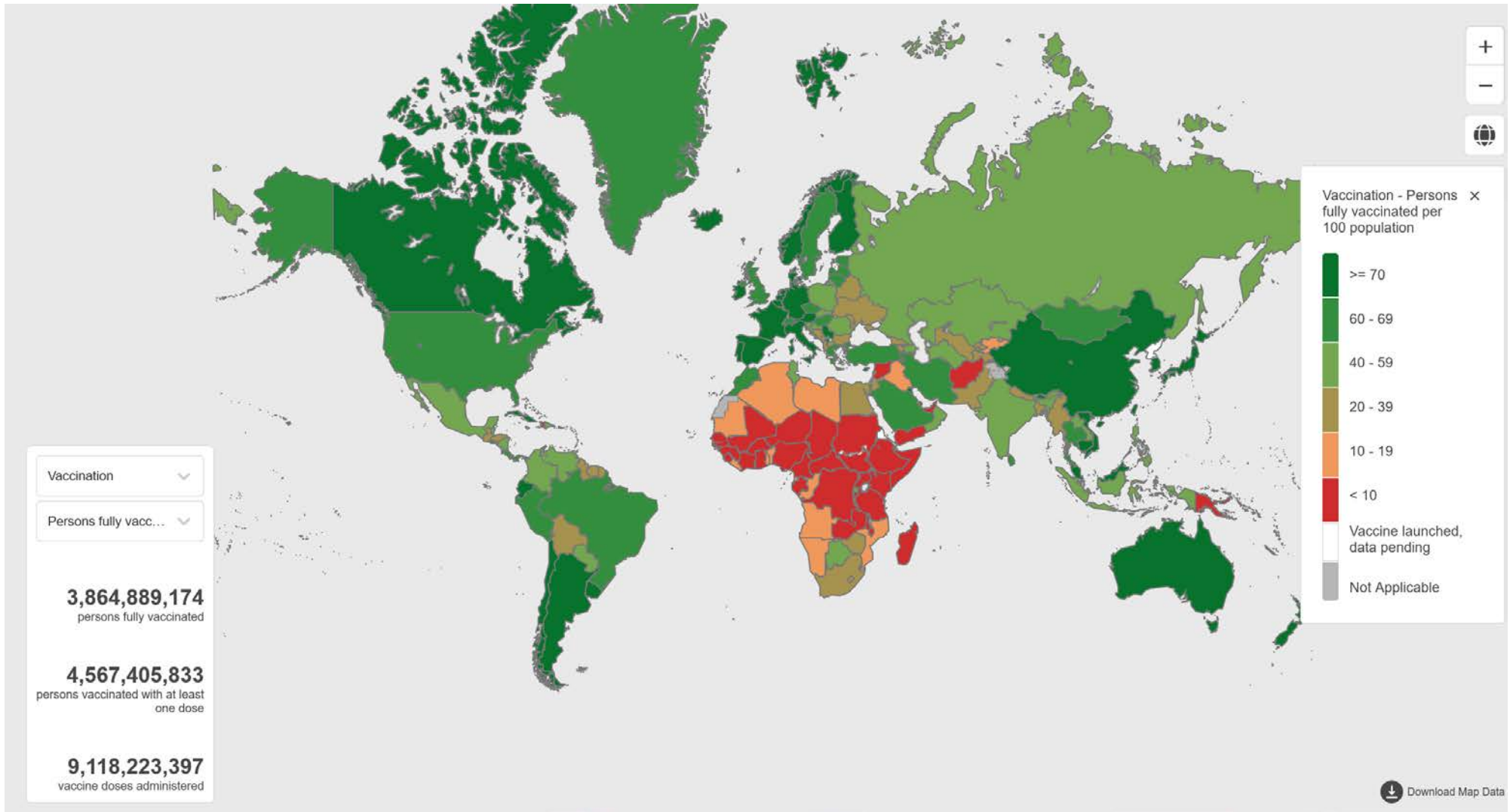
# Global Data

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

Cases in the last 24 Hours



# Global Vaccination (persons fully vaccinated)



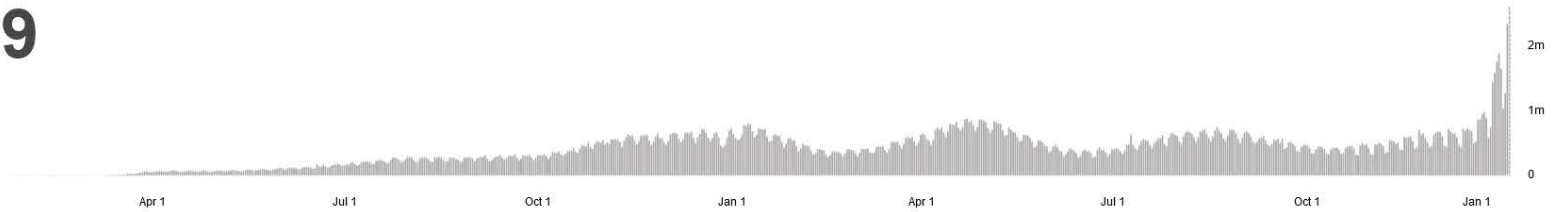
Globally, as of 5:13pm CET, 6 January 2022, there have been **296,496,809 confirmed cases** of COVID-19, including **5,462,631 deaths**, reported to WHO. As of **5 January 2022**, a total of **9,118,223,397 vaccine doses** have been administered.

## Global Situation

Daily 
  Weekly

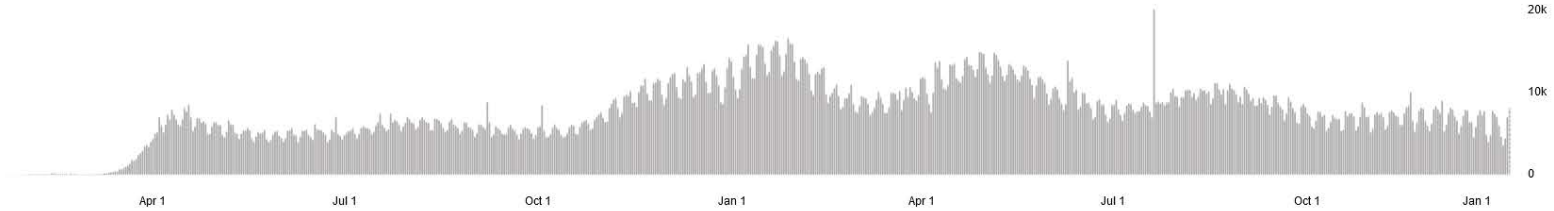
# 296,496,809

confirmed cases



# 5,462,631

deaths

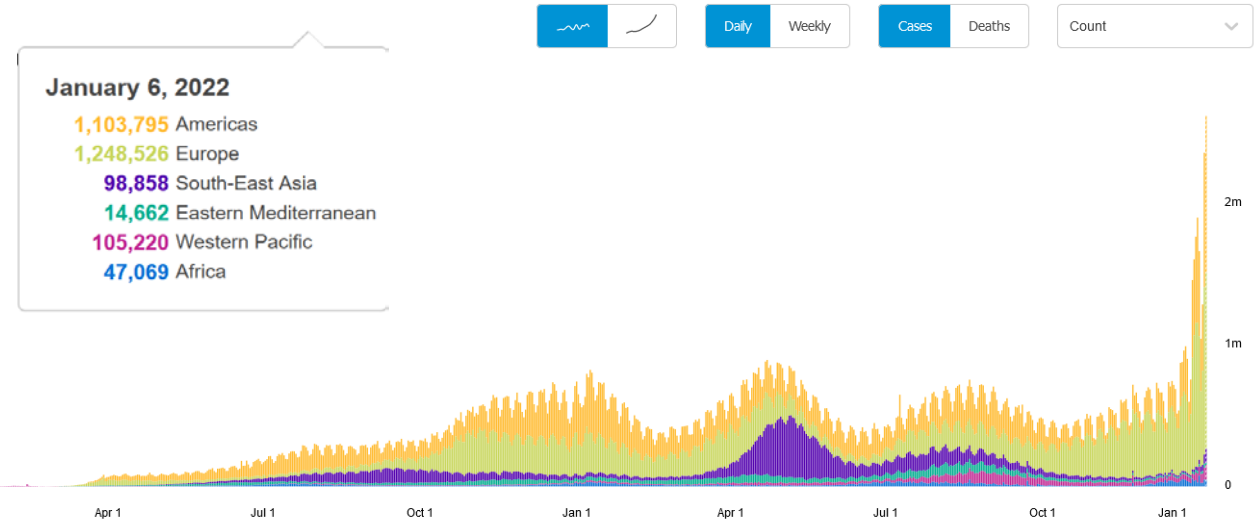


Source: World Health Organization  
 Data may be incomplete for the current day or week.

## Situation by WHO Region

Americas	107,842,650 confirmed
Europe	106,892,008 confirmed
South-East Asia	45,279,804 confirmed
Eastern Mediterranean	17,277,716 confirmed
Western Pacific	11,710,428 confirmed
Africa	7,493,439 confirmed

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





# Tracking SARS-CoV-2 variants

<https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/>

## Currently designated variants of concern (VOCs)\*:

WHO label	Pango lineage*	GISAID clade	Nextstrain clade	Additional amino acid changes monitored*	Earliest documented samples	Date of designation
Alpha	B.1.1.7	GRY	20I (V1)	+S:484K +S:452R	United Kingdom, Sep-2020	18-Dec-2020
Beta	B.1.351	GH/501Y.V2	20H (V2)	+S:L18F	South Africa, May-2020	18-Dec-2020
Gamma	P.1	GR/501Y.V3	20J (V3)	+S:681H	Brazil, Nov-2020	11-Jan-2021
Delta	B.1.617.2	G/478K.V1	21A, 21I, 21J	+S:417N +S:484K	India, Oct-2020	VOI: 4-Apr-2021 VOC: 11-May-2021
Omicron*	B.1.1.529	GRA	21K, 21L 21M	+S:R346K	Multiple countries, Nov-2021	VUM: 24-Nov-2021 VOC: 26-Nov-2021

\* Includes all descendent lineages. See the [cov-lineages.org](https://cov-lineages.org) and the [Pango network](https://pangodb.org/) websites for further details.

\* See TAG-VE [statement](#) issued on 26 November 2021

° Only found in a subset of sequences

## Lineage List

All Fields Search for lineage...

Lineage	Most common countries	Earliest date	# designated	# assigned	Description	WHO Name
A	United States of America 27.0%, United_Arab_Emirates 13.0%, China 9.0%, Germany 8.0%, Japan 5.0%	2019-12-30	1698	2235	Root of the pandemic lies within lineage A. Many sequences originating from China and many global exports; including to South East Asia Japan South Korea Australia the USA and Europe represented in this lineage	
A.1	United States of America 81.0%, Australia 9.0%, Canada 6.0%, United Kingdom 1.0%, Iceland 1.0%	2020-01-01	2699	3031	USA lineage	
A.2	Spain 70.0%, United Kingdom 6.0%, Panama 5.0%, United States of America 4.0%, Portugal 2.0%	2020-02-17	1107	1268	Mostly Spanish lineage now includes South and Central American sequences, other European countries and Kazakhstan.	
A.2.2	Australia 92.0%, New_Zealand 3.0%, Canada 2.0%, United States of America 2.0%, United Kingdom 1.0%	2020-03-17	473	549	Australian lineage	
A.2.3	United Kingdom 99.0%, Spain 0.0%, China 0.0%, Finland 0.0%	2020-02-26	167	203	Scottish lineage	

Prepared by Justin Czerniak  
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## SARS-CoV-2 Lineage List

[https://cov-lineages.org/lineage\\_list.html](https://cov-lineages.org/lineage_list.html)

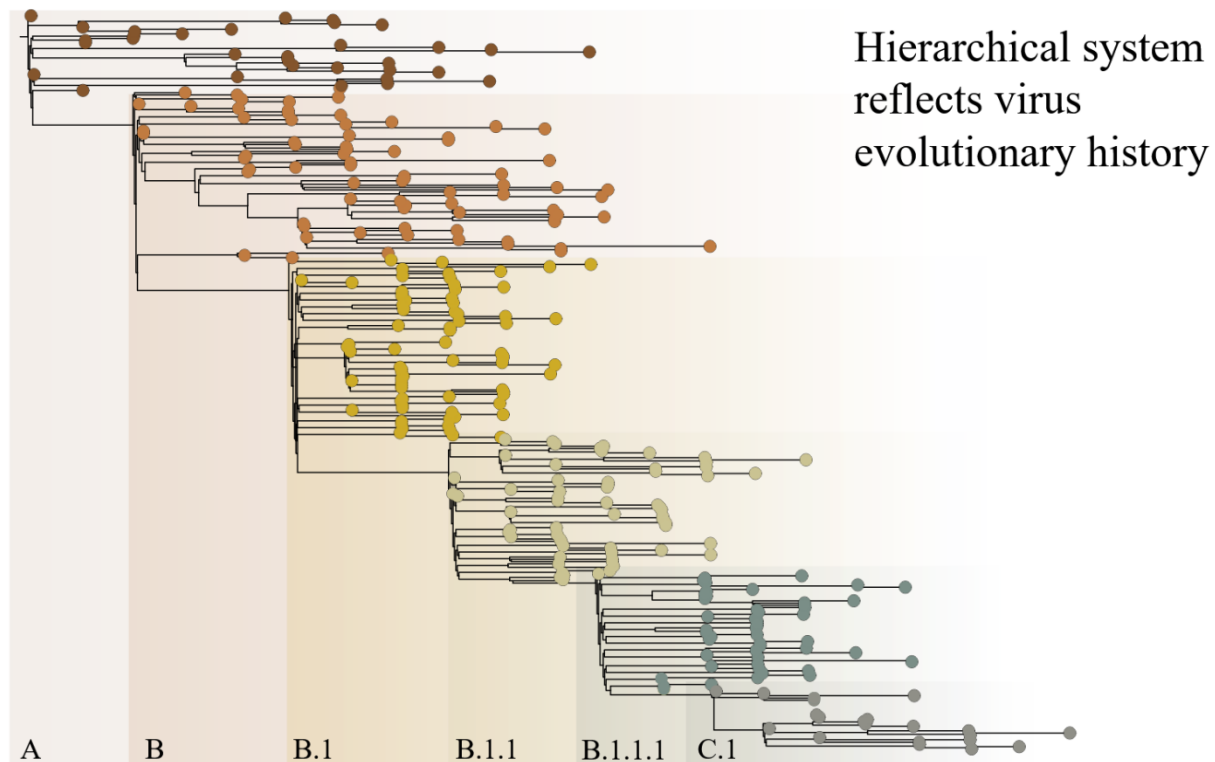
# The Pango Nomenclature System

<https://www.pango.network/>

Pango is a rule-based system for naming SARS-CoV-2 genetic lineages. It provides a shared, common terminology for everyone who is investigating or discussing the transmission and spread of the virus.

Pango is a dynamic and flexible system that can adapt to the changing nature of the pandemic and to growth in the generation of SARS-CoV-2 genomic data. The Pango nomenclature is used by researchers and public health agencies worldwide and you may have come across Pango lineage names, such as B.1.1.7 or B.1.351, in the news. Pango lineages are designed to support epidemic surveillance and outbreak investigation, and capture the leading edge of ongoing transmission at a high resolution.

Each Pango lineage defines a group of SARS-CoV-2 genome sequences and is created according to two guiding principles. First, Pango lineages signify groups or clusters of infections with shared ancestry. If the whole pandemic can be thought of as a vast branching tree of transmission, then Pango lineages represent the individual branches within that tree. Second, Pango lineages are intended to highlight epidemiologically-relevant events, such as the appearance of the virus in a new location, a rapid increase in cases, or the evolution of viruses with new phenotypes.







# U. S. Data

[https://covid.cdc.gov/covid-data-tracker/#cases\\_casesper100klast7days](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<sup>†</sup>

[View Footnotes and Download Data](#)

<p>TOTAL CASES</p> <p><b>57,898,239</b></p> <p>+705,264 New Cases</p>	<p>7 DAY CASE RATE PER 100,000</p> <p><b>1,236.4</b></p>	<p>TOTAL DEATHS</p> <p><b>829,740</b></p> <p>+1,577 New Deaths</p>
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CDC | Data as of: January 6, 2022 3:56 PM ET. Posted: January 6, 2022 8:33 PM ET

## COVID-19 Vaccinations in the United States

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

Total Vaccine Doses	At Least One Dose	Fully Vaccinated	Booster Doses***
Delivered <b>632,575,655</b> Administered <b>515,162,867</b>	<b>Fully Vaccinated* People</b>	Count	Percent of US Population
<a href="#">Learn more about the distribution of vaccines.</a>	Total	207,016,514	62.4%
	Population ≥ 5 Years of Age	207,006,442	66.3%
	Population ≥ 12 Years of Age	202,375,514	71.4%
	Population ≥ 18 Years of Age	188,777,814	73.1%
	Population ≥ 65 Years of Age	48,079,504	87.7%

**207.0M**

People fully vaccinated

**73.0M**

People received a booster dose\*\*

The percent of the population coverage metrics are capped at 95%. [Learn how CDC estimates vaccination coverage.](#)

\*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.](#)

Total Vaccine Doses	At Least One Dose	Fully Vaccinated	Booster Doses***
Delivered <b>632,575,655</b> Administered <b>515,162,867</b>	<b>Fully Vaccinated* People with a Booster Dose**</b>	Count	Percent of Fully Vaccinated*
<a href="#">Learn more about the distribution of vaccines.</a>	Total	72,991,028	35.3%
	Population ≥ 18 Years of Age	72,344,151	38.3%
	Population ≥ 50 Years of Age	49,191,993	50.1%
	Population ≥ 65 Years of Age	28,668,993	59.6%

**207.0M**

People fully vaccinated

**73.0M**

People received a booster dose\*\*

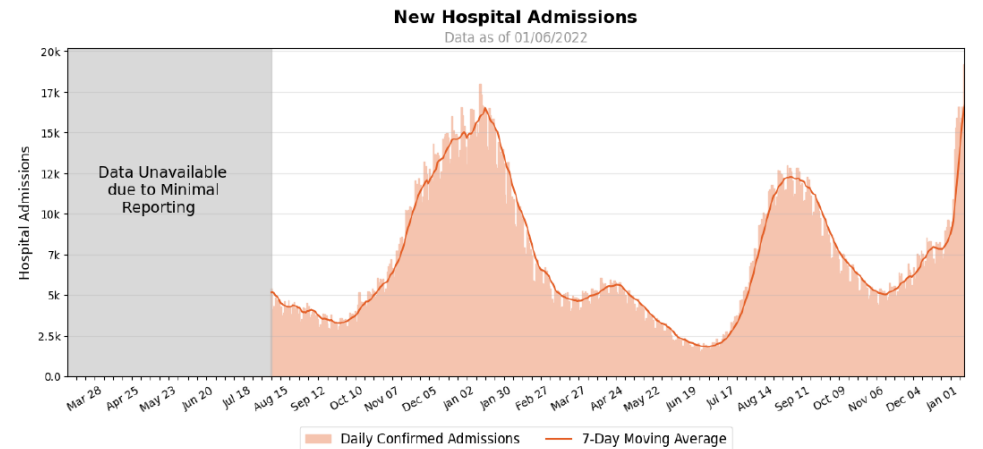
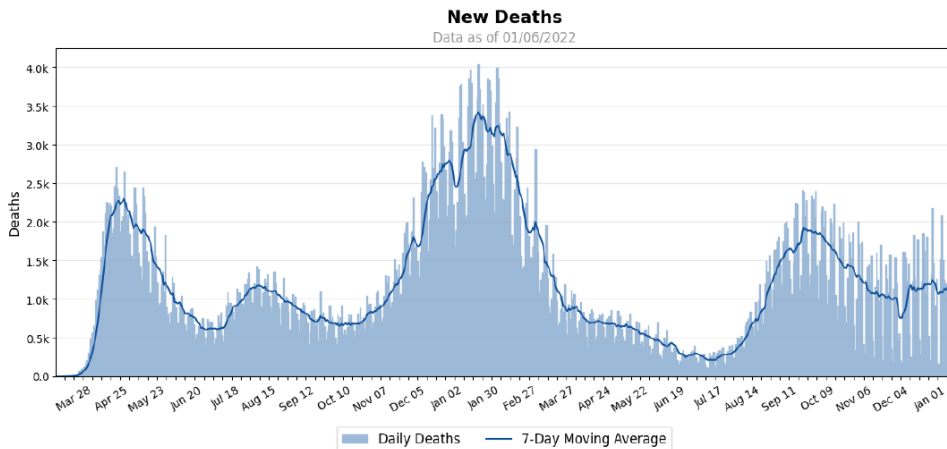
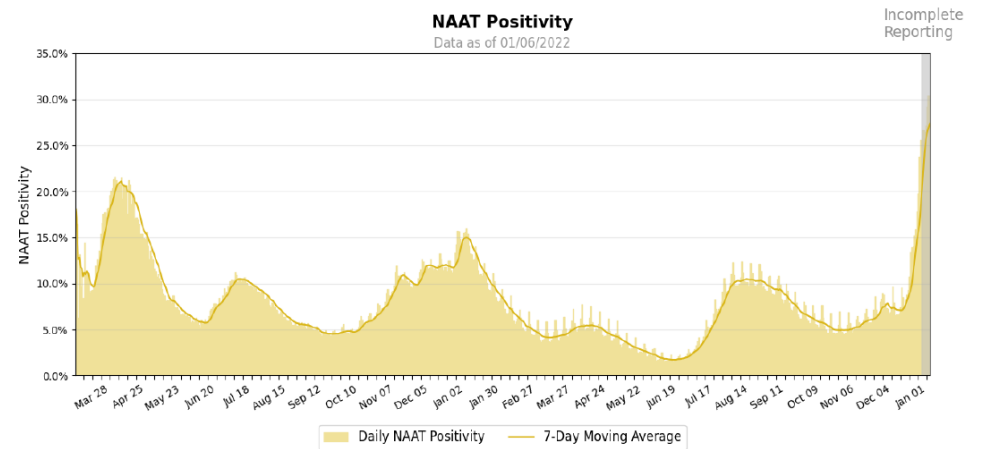
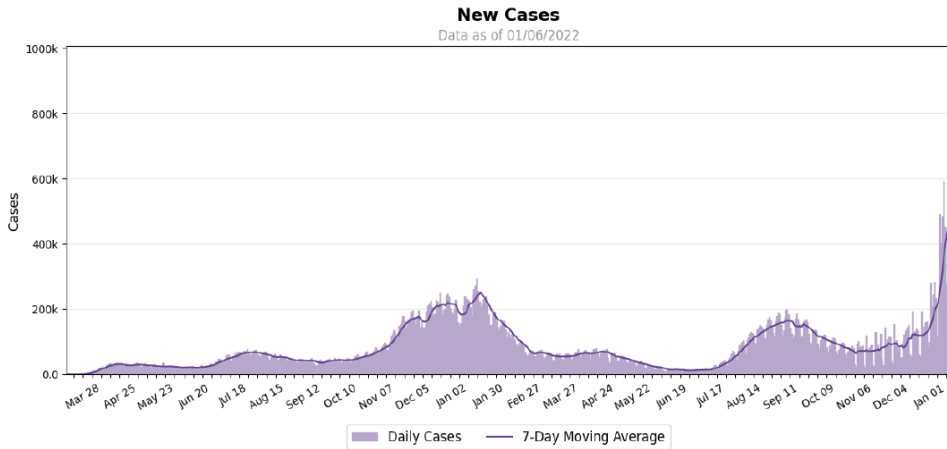
The percent of the population coverage metrics are capped at 95%. [Learn how CDC estimates vaccination coverage.](#)

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

# NATIONAL TIME SERIES



Source: CDC state-reported data (cases and deaths), Unified Testing Dataset, Unified Hospital Dataset.

**INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE**

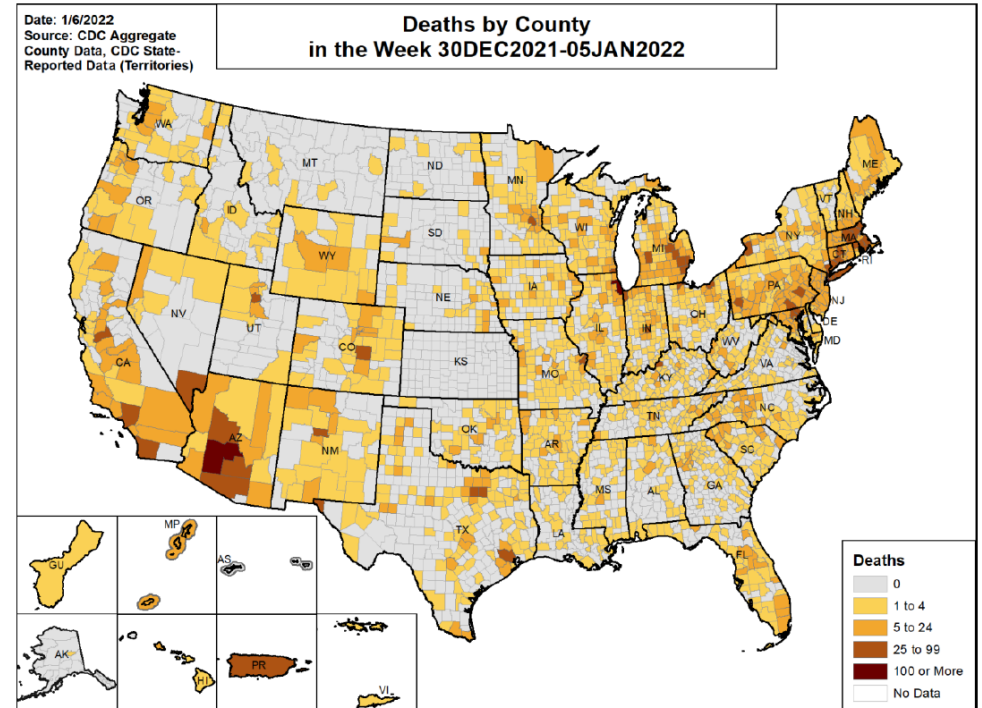
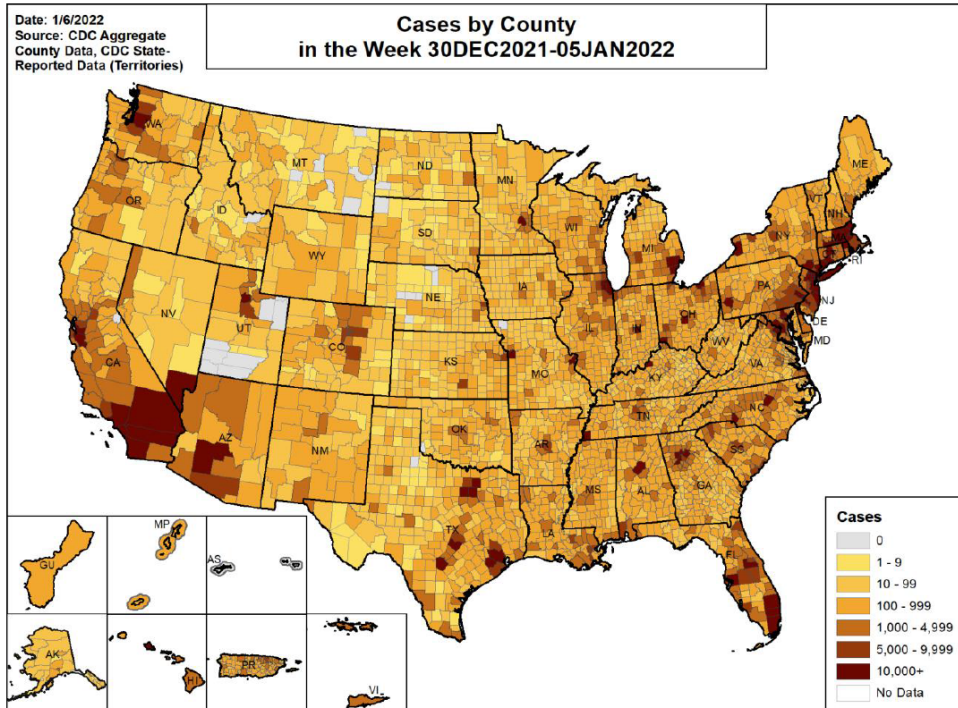




# NUMBER OF NEW CASES AND DEATHS IN THE LAST 7 DAYS

**Total Cumulative Cases:** 57,898,239  
**New Cases in Last 7 Days:** 4,104,738  
**Percent Change from Previous 7 Days:** +85.7%

**Total Cumulative Deaths:** 829,740  
**New Deaths in Last 7 Days:** 8,720  
**Percent Change from Previous 7 Days:** +14.4%



KS 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 death statistics.

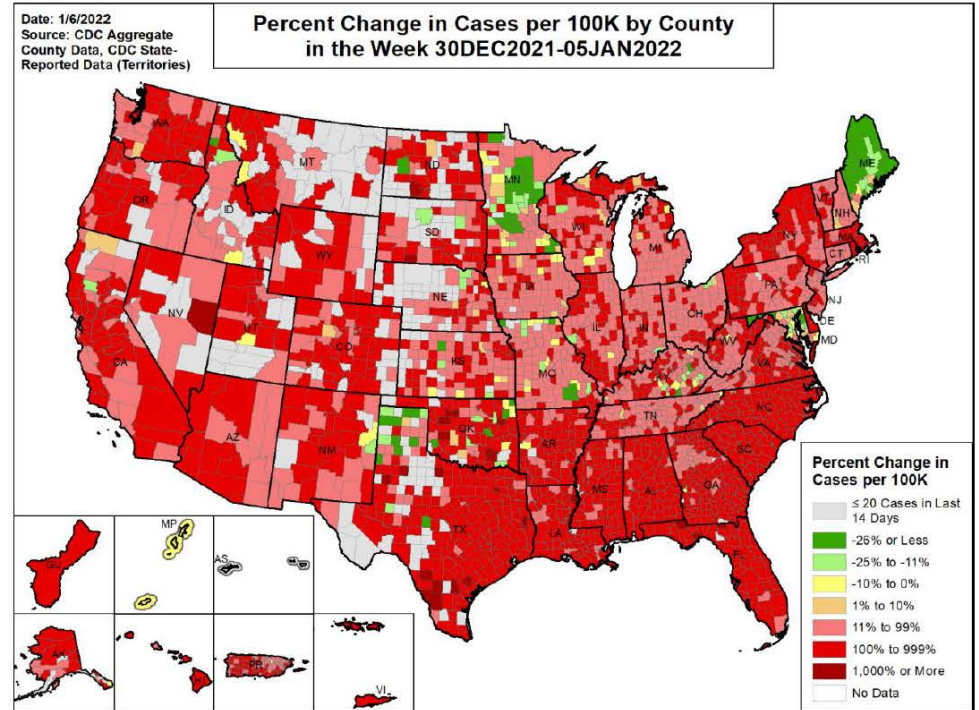
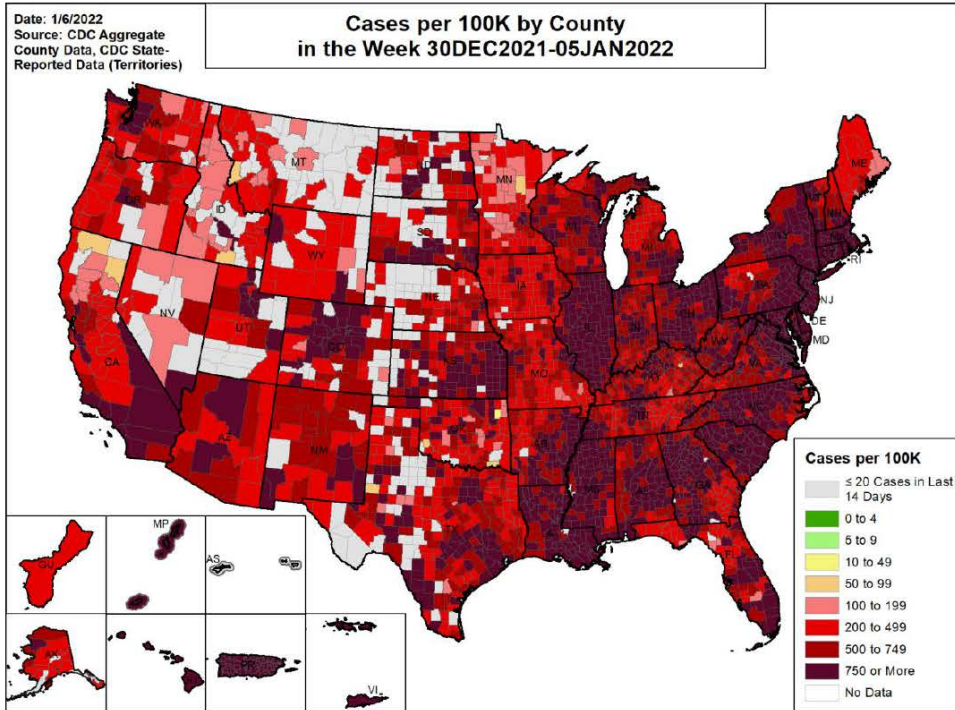
INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



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

Incidence Rate in the Last 7 Days: 1,236.3 per 100,000

Percent Change from Previous 7 Days: +85.7%



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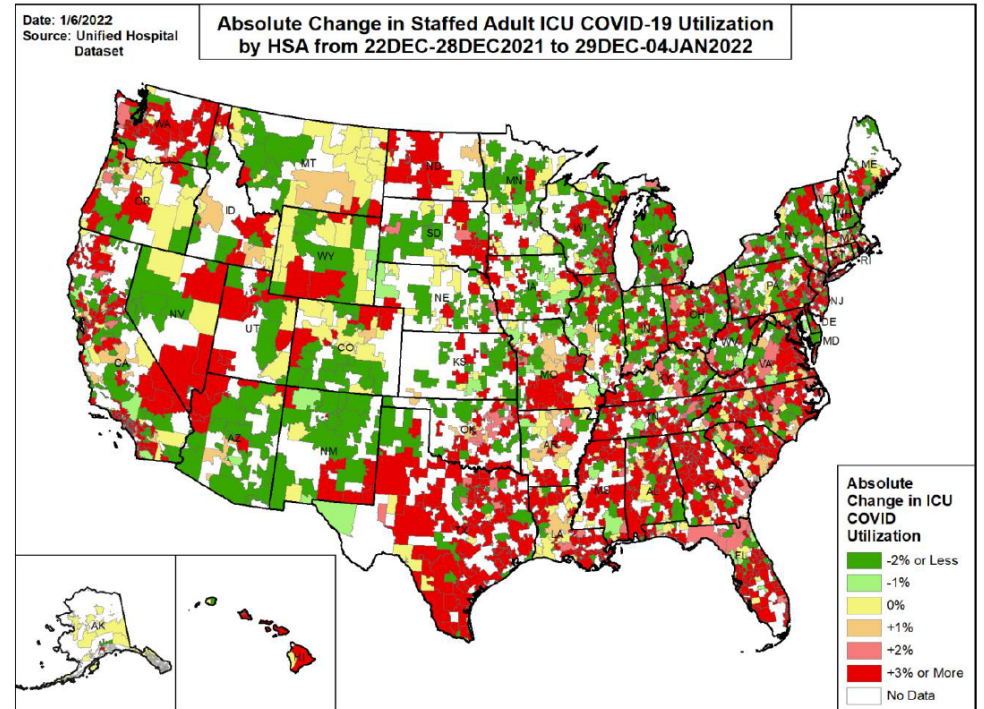
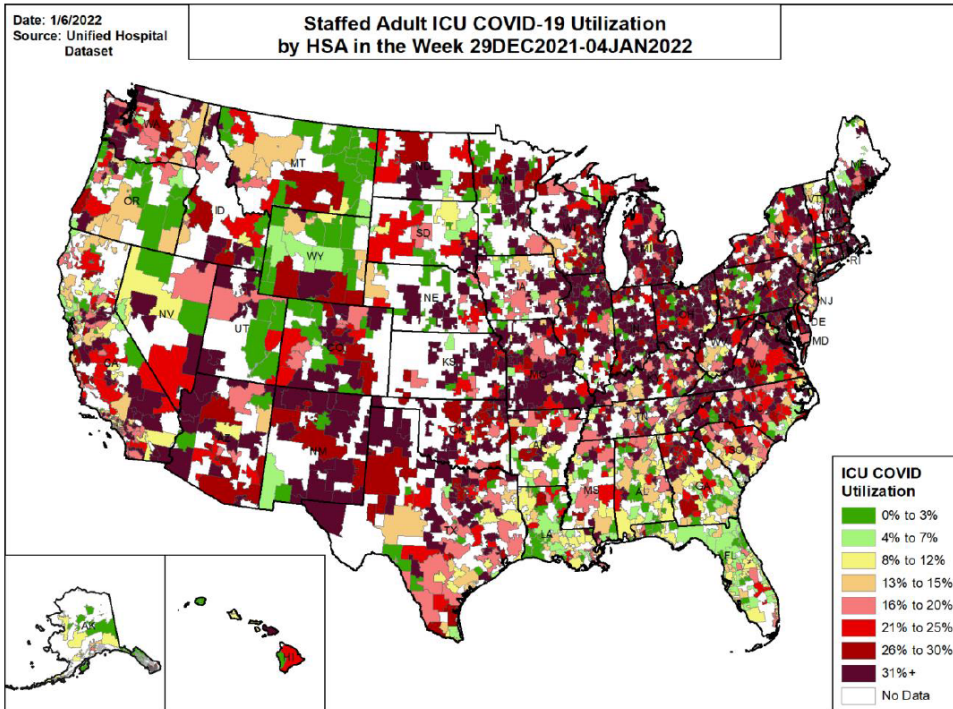




# STAFFED ADULT ICU COVID-19 UTILIZATION IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Average Daily Adult ICU COVID-19 Patients over Last 7 Days:  
18,936

Percent Change from Previous 7 Days: +15.5%



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.

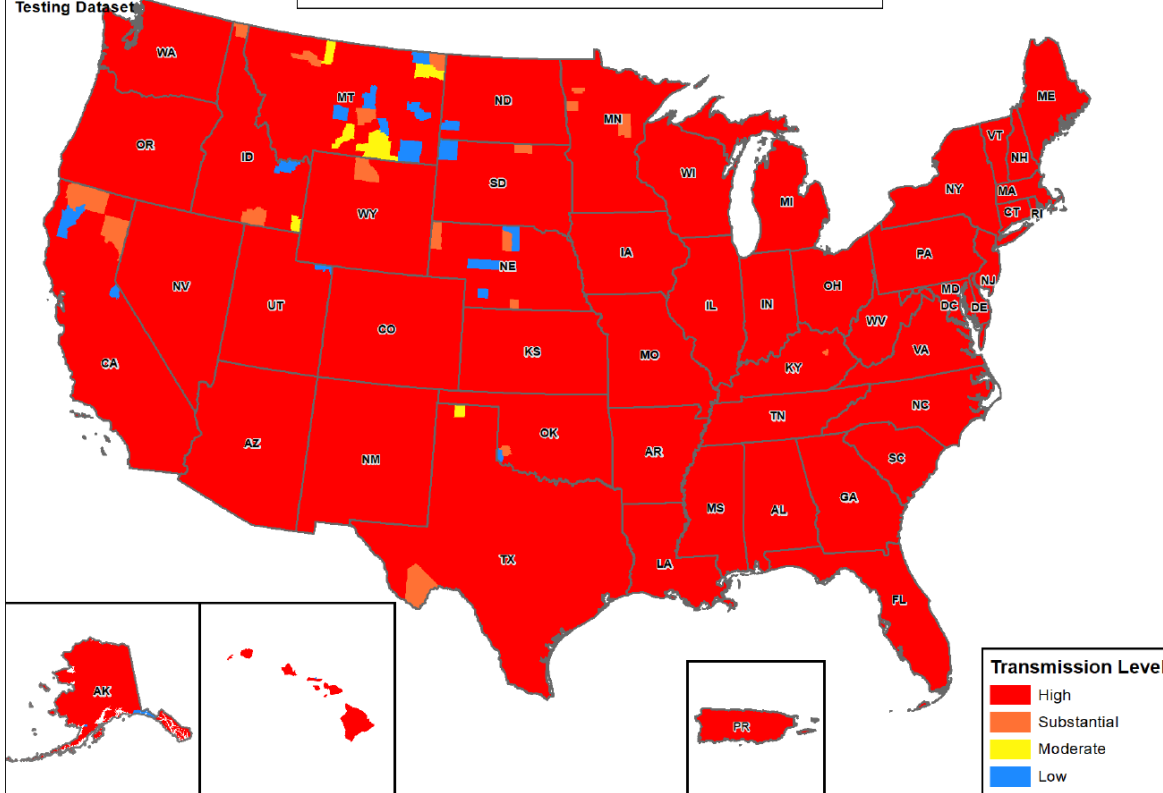
INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



# COMMUNITY TRANSMISSION LEVEL

Date: 1/6/2022  
 Source: CDC Aggregate County Data, Unified Testing Dataset

## Community Transmission Level by County 05JAN2022



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

Notes: Cases data from December 30-January 5, test positivity data from December 28-January 3. Combined Transmission Level is the higher threshold among cases and testing thresholds. See Data Sources/Methods slides for additional details.

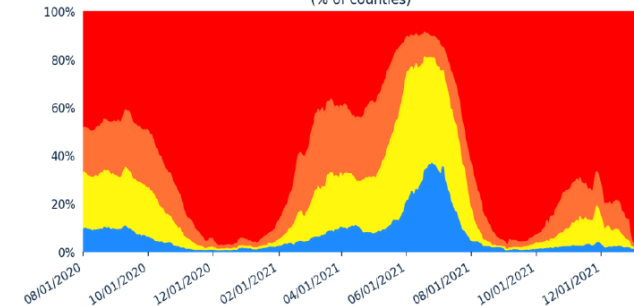
## Counties by Community Transmission Indicator

Cases per 100k	0 to 9	10 to 49	50 to 99	100 +
# of counties (change)	32 (↓19)	9 (↓50)	33 (↓156)	3146 (↑225)
% of counties (change)	1.0% (↓0.6%)	0.3% (↓1.6%)	1.0% (↓4.8%)	97.7% (↑7.0%)
Test Positivity	0.0% to 4.9%	5.0% to 7.9%	8.0% to 9.9%	10.0% +
# of counties (change)	153 (↓126)	84 (↓163)	70 (↓164)	2913 (↑453)
% of counties (change)	4.8% (↓3.9%)	2.6% (↓5.1%)	2.2% (↓5.1%)	90.5% (↑14.1%)

## Counties by Combined Transmission Level

Category	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
# of counties (change)	22 (↓9)	6 (↓35)	18 (↓84)	3174 (↑128)
% of counties (change)	0.7% (↓0.3%)	0.2% (↓1.1%)	0.6% (↓2.6%)	98.6% (↑4.0%)
% of population (change)	0.0% (↓0.0%)	0.0% (↓0.1%)	0.1% (↓0.5%)	99.9% (↑0.6%)

Combined Transmission Levels Over Time  
 (% of counties)



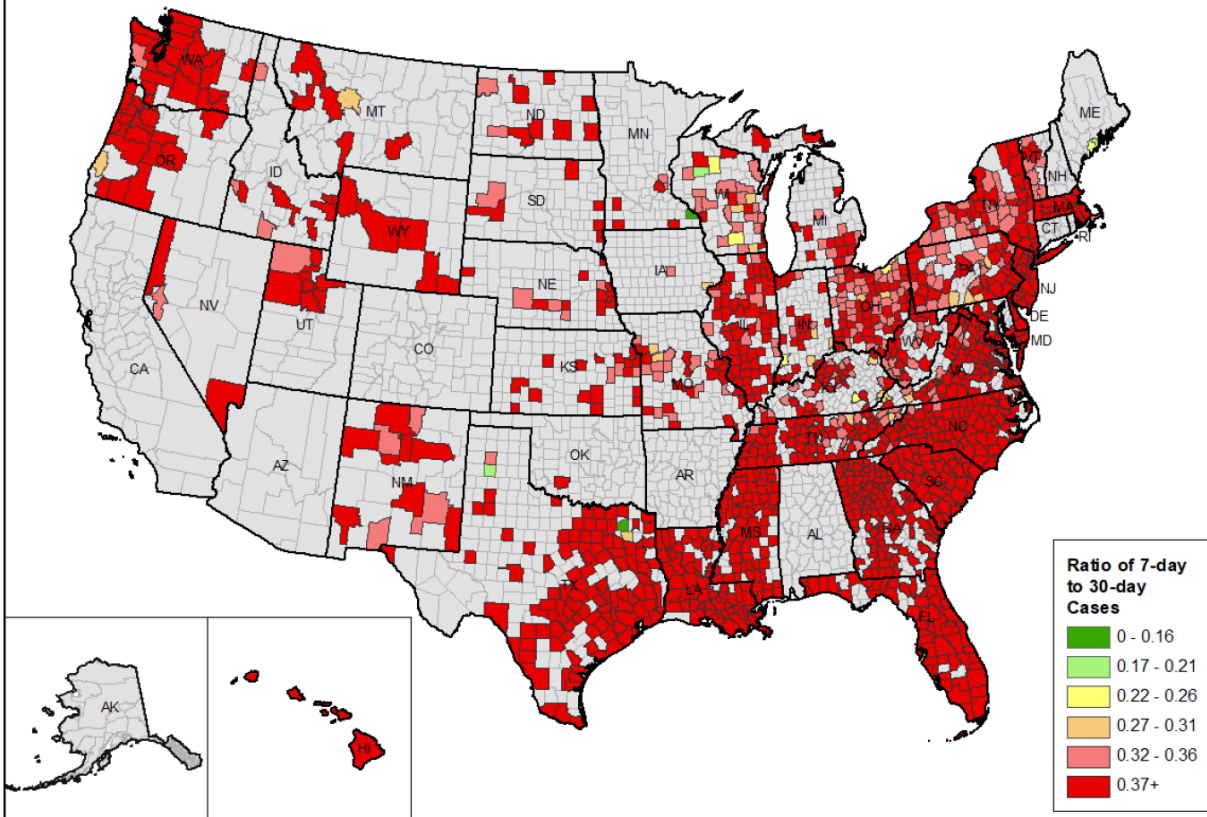
INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE



# AREA OF CONCERN CONTINUUM - RAPID RISER COUNTIES

Date: 1/6/2022  
 Source: CDC Aggregate  
 County Data

## Counties with Rapid Rise in Cases in the Last 14 Days



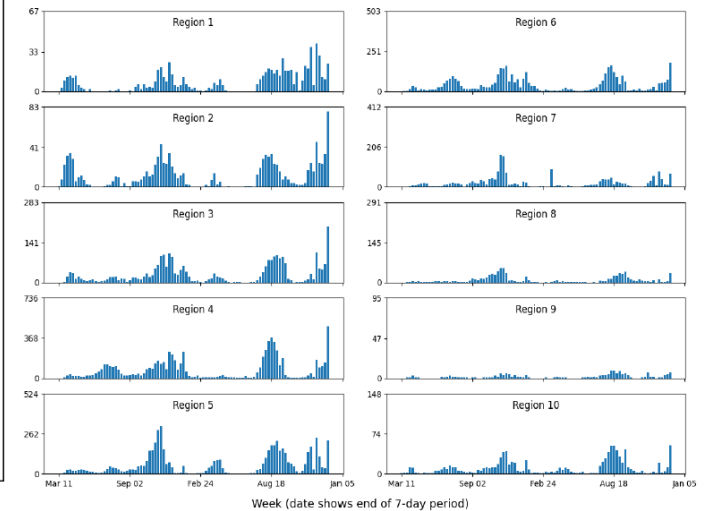
This map shows counties that have seen a rapid rise in cases within the last 14 days by meeting the following **Rapid Riser County** criteria:

- >100 new cases in last 7 days
- >0% change in 7-day incidence
- >60% change in 3-day incidence
- 7-day incidence / 30-day incidence ratio >0.31
- one or both of the following triggering criteria:
  - (a) >60% change in 3-day incidence,
  - (b) >60% change in 7-day incidence

The color indicates *current* acceleration in cases (ratio of 7-day to 30-day cases). Counties in **light red** and **red** are continuing to see accelerating cases in the most recent week, while those in **dark green** and **green** may have seen declines in the most recent week.

The bar charts below show the history of rapid riser counties by FEMA region and week, indicating when different geographic areas have seen the greatest acceleration in cases.

# of Distinct Rapid Riser Counties by Week and FEMA Region  
 (vertical axis scaled to number of counties in region)



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

[https://covid.cdc.gov/covid-data-tracker/#cases\\_community](https://covid.cdc.gov/covid-data-tracker/#cases_community)

UNITED STATES LEVEL OF COMMUNITY TRANSMISSION

**High**

7 DAY CASE RATE PER 100,000

1,236.4

7 DAY PERCENT POSITIVITY

27.24%

CDC | Data as of: January 6, 2022 3:56 PM ET. Posted: January 6, 2022 8:33 PM ET

## Variant Proportions

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



# COVID-19 By the Numbers

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

## COVID-19 RESPONSE BY THE NUMBERS As of January 03, 2022



Accessible [www.cdc.gov/coronavirus/2019-ncov/cdcresponse/by-the-numbers.html](https://www.cdc.gov/coronavirus/2019-ncov/cdcresponse/by-the-numbers.html)

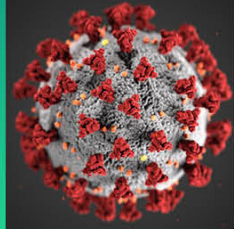
	<b>10,000</b>	CDC personnel supporting the outbreak response		<b>57.11+ million</b>	Times people have used CDC's online Coronavirus Self-Checker
	<b>1,883</b>	CDC deployers who have conducted <b>4,370</b> deployments to <b>352</b> cities across the United States and abroad		<b>1.5+ million</b>	Calls and emails to CDC-INFO
	<b>387</b>	COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)		<b>3.7+ billion</b>	Times people have looked for information on CDC websites
	<b>9,590</b>	Documents providing information and guidance for government agencies, businesses, and the public		<b>4.5+ billion</b>	Social media impressions on <b>18,777</b> CDC response-related posts
	<b>712+ million</b>	COVID-19 tests conducted by public and private laboratories in the United States		<b>95,942+</b>	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC
	<b>243+ million</b>	People who have received at least one dose of a COVID-19 vaccine		<b>205+ million</b>	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

# COVID-19 Science Update



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

[COVID-19 Science Update released: December 17, 2021 Edition 117](#)

[COVID-19 Science Update released: December 10, 2021 Edition 116](#)

[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](#)

## CDC What's New & Updated

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

- [1/7/22EARLY RELEASE: Risk for Newly Diagnosed Diabetes 30 Days After SARS-CoV-2 Infection Among Persons Aged 18 years — United States, March 1, 2020–June 28, 2021](#)
- [1/7/22EARLY RELEASE: Effectiveness of BNT162b2 \(Pfizer-BioNTech\) mRNA Vaccination Against Multisystem Inflammatory Syndrome in Children Among Persons Aged 12–18 Years — United States, July–December 2021](#)
- [1/6/22COVID-19 Vaccine Booster Shot](#)
- [1/6/22COVID-19 Vaccines for Moderately to Severely Immunocompromised People](#)
- [1/6/22Staffing Resources](#)
- [1/6/22Information about the Moderna COVID-19 Vaccine](#)
- [1/6/22Different COVID-19 Vaccines](#)
- [1/6/22Infection Prevention and Control Assessment Tool for Nursing Homes Preparing for COVID-19](#)
- [1/6/22COVID Data Tracker Weekly Review](#)
- [1/6/22CDC Media Telebriefing: Update on COVID-19](#)
- [1/6/22Cases in the U.S.](#)
- [1/6/22Risk Factors for Severe COVID-19 Outcomes Among Persons Aged ≥18 Years Who Completed a Primary COVID-19 Vaccination Series — 465 Health Care Facilities, United States, December 2020–October 2021](#)
- [1/6/22Receipt of COVID-19 Vaccine During Pregnancy and Preterm or Small-for-Gestational-Age at Birth — Eight Integrated Health Care Organizations, United States, December 15, 2020–July 22, 2021](#)
- [1/6/22Overall US COVID-19 Vaccine Distribution and Administration Update as of Thu, 06 Jan 2022 06:00:00 EST](#)
- [1/5/22Overview of COVID-19 Isolation for K-12 Schools](#)
- [1/5/22Overview of COVID-19 Quarantine for K-12 Schools](#)
- [1/5/22Responding to COVID-19 Cases in K-12 Schools: Resources for School Administrators](#)
- [1/5/22What You Should Know About COVID-19 Testing in Schools](#)
- [1/5/22Guidance for COVID-19 Prevention in Kindergarten \(K\)-12 Schools](#)
- [1/5/22Information about the Pfizer-BioNTech COVID-19 Vaccine](#)
- [1/5/22Schools and Childcare Programs](#)
- [1/5/22CDC Expands Booster Shot Eligibility and Strengthens Recommendations for 12-17 Year Olds](#)
- [1/4/22Stay Up to Date with Your Vaccines](#)
- [1/4/22COVID-19 Forecasts: Deaths](#)
- [1/4/22Previous COVID-19 Forecasts: Hospitalizations](#)
- [1/4/22CDC Science Agenda for COVID-19](#)
- [1/4/22COVID-19 Forecasts: Cases](#)
- [1/4/22Test for Current Infection \(Viral Test\)](#)
- [1/4/22Coronavirus Disease 2019 \(COVID-19\)](#)
- [1/4/22CDC Recommends Pfizer Booster at 5 Months, Additional Primary Dose for Certain Immunocompromised Children](#)
- [1/3/22What We Know About Quarantine and Isolation](#)

## **CDC Guidance**

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

### [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: 1/5/22

### [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: 1/5/22

### [Operational Considerations for the Identification of Healthcare Workers and Inpatients with Suspected COVID-19 in non-U.S. Healthcare Settings](#)

This document is provided by CDC and is intended for use in non-US healthcare settings. This document provides guidance on the identification or screening of healthcare workers and inpatients with suspected COVID-19. Date: 12/29/21

### [Guidance for Institutions of Higher Education \(IHEs\)](#)

See guidance for Institutes of Higher Education (IHE), including guidance for in-person learning during COVID-19, and offering and promoting vaccines. Date: 12/28/21

### [Contact Tracing for COVID-19](#)

This section provides steps and consideration that jurisdictions can use to develop a protocol for the tracing of close contacts. Date: 12/28/21

### [Care for Breastfeeding People](#)

Find guidance for healthcare workers on managing breastfeeding people, infants, and children, including those with confirmed or suspected COVID-19. Date: 12/28/21

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

Explore SARS-CoV-2 testing strategies, including their intended use and applications, regulatory requirements, and reporting requirements. (138) Date: 12/27/21

### [Considerations for Case Investigation and Contact Tracing in K-12 Schools and Institutions of Higher Education \(IHEs\)](#)

Learn what administrators of K-12 schools and institutions of higher education should know about COVID-19 case investigation and contact tracing. Date: 12/27/21



# 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/>



Office of Governor  
**GAVIN NEWSOM**



## Indoor masking required until February 15

To fight the surge in new COVID-19 infections, CDPH has extended the mask mandate. Everyone in California should wear a mask in indoor public spaces and workplaces until February 15, 2022.

Press Releases, Executive Orders,  
Media Advisories, and Proclamations.  
<https://www.gov.ca.gov/newsroom/>

## Tracking COVID-19

<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/>

## California Healthy Places Index

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

## CDPH Statewide Guidance

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

## 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>

## Update for January 7, 2022



Updated January 7, 2022 at 9:36 AM, with data from January 6, 2022.

# Vaccinations administered in California, by county of residence.

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

## Statewide

**26,956,555 (71.5%) People 5+ fully vaccinated**  
**3,185,841 (8.5%) People 5+ partially vaccinated**

**65,841,193 (85.8%) Doses administered**  
**139,277 Average doses per day**



**10,583,011 (49.5%) Booster recipients**



**6,086,407 Doses on hand**  
**(44 days of inventory)**

**76,715,855 Doses Delivered**



**30,285,340 CDC Pharmacy Doses Delivered**

See [Data Dictionary](#) for Details.

## Doses Administered by County of Residence

County

(All) ▼



Los Angeles	16,990,418
San Diego	5,901,506
Orange	5,431,816
Santa Clara	3,986,810
Riverside	3,298,224
Alameda	3,207,540
San Bernardino	2,758,530
Sacramento	2,406,087
Contra Costa	2,244,724
San Francisco	1,838,220
San Mateo	1,570,566
Ventura	1,410,632
Fresno	1,373,013
San Joaquin	1,057,987
Kern	1,052,944
Sonoma	929,310
Santa Barbara	714,197
Stanislaus	708,989
Monterey	708,962
Solano	693,216

Today's administration data is incomplete due to data processing latency. This report will be updated as soon as the data becomes available.

Data: 1/6/2022 11:59pm | Posted: 1/7/2022

## 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.

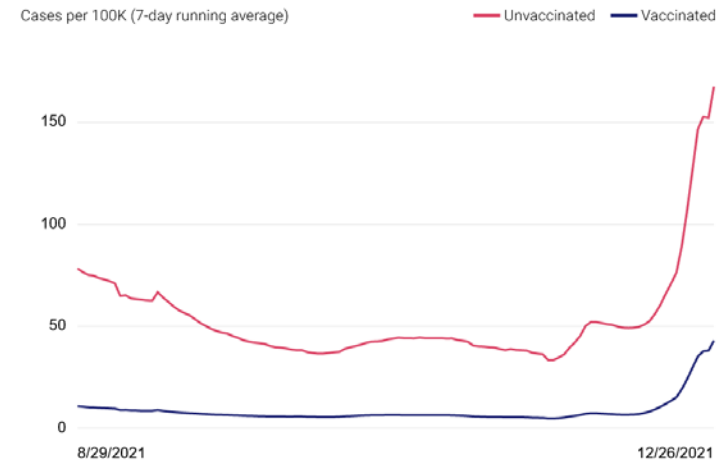
### Why are we Tracking Post-Vaccination Cases?

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.

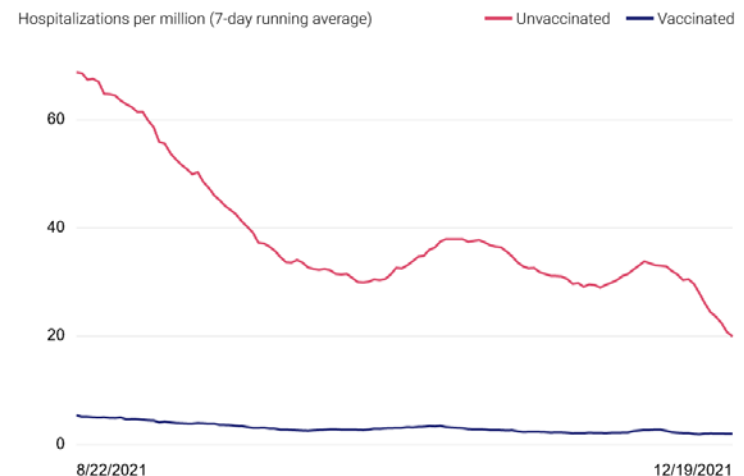
## Unvaccinated and vaccinated data

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

From December 20, 2021 to December 26, 2021, unvaccinated people were **3.9 times more likely** to get COVID-19 than fully vaccinated people.



From December 13, 2021 to December 19, 2021, unvaccinated people were **10.1 times more likely** to be hospitalized with COVID-19 than fully vaccinated people.



## Regional ICU Capacity

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Regional-ICU-Capacity.aspx>

### Regional ICU Capacity (Data as of 1/06/2022)

Region	% of Staffed Adult ICU Beds Available	% COVID+ in Adult ICU Beds	Number of Consecutive Days Under 10 % *	Date Health Order Effective	Date Health Order Set to Expire **
California Statewide	18.5	26.5	--	--	--
Bay Area	20.6	18.3	--	--	--
Greater Sacramento	14.7	23.8	--	--	--
Northern California	26	20.9	--	--	--
San Joaquin Valley	13.6	25.6	--	--	--
Southern California	18.9	29.6	--	--	--

\* Must be under 10% for 3 consecutive days to trigger Health Order.

\*\* The region will be reevaluated seven days from the date the Health Order was triggered.





## Riverside County Data

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

<b>Confirmed</b> <b>410,526</b>	<b>Currently Hospitalized</b> <b>772</b> Includes 123 in ICU	<b>Deaths</b> <b>5,620</b>	<b>Recovered</b> <b>390,880</b>	<b>Zip Code &amp; Community Data</b> <a href="#">here</a>
<b>Daily Case Rate / 100k</b> <b>82.0</b> (7-Day Avg & 7-Day Lag)	<b>Positivity</b> <b>21.3%</b> (7-Day Avg & 7-Day Lag)		<b>Daily Test Rate / 100k</b> <b>505.8</b> (7-Day Avg & 7-Day Lag)	

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

### RUHS Public Health News:

- Health officials in Riverside County report first case of Omicron variant [English](#) / [Spanish](#)
- [RUHS Public Health: Guidance on the use of masks in CA 12.14.21](#)
- 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](#)

# RIVERSIDE COUNTY DAILY COVID-19 REPORT

<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/DailyEpidemiologySummary.pdf?x=1641576035800>



Jan 7, 2022 -

## RIVERSIDE COUNTY COVID-19 CASES

**TOTAL CASES**  
412,225

**NEW REPORTED CASES**  
1,699

**TOTAL DEATHS**  
5,631

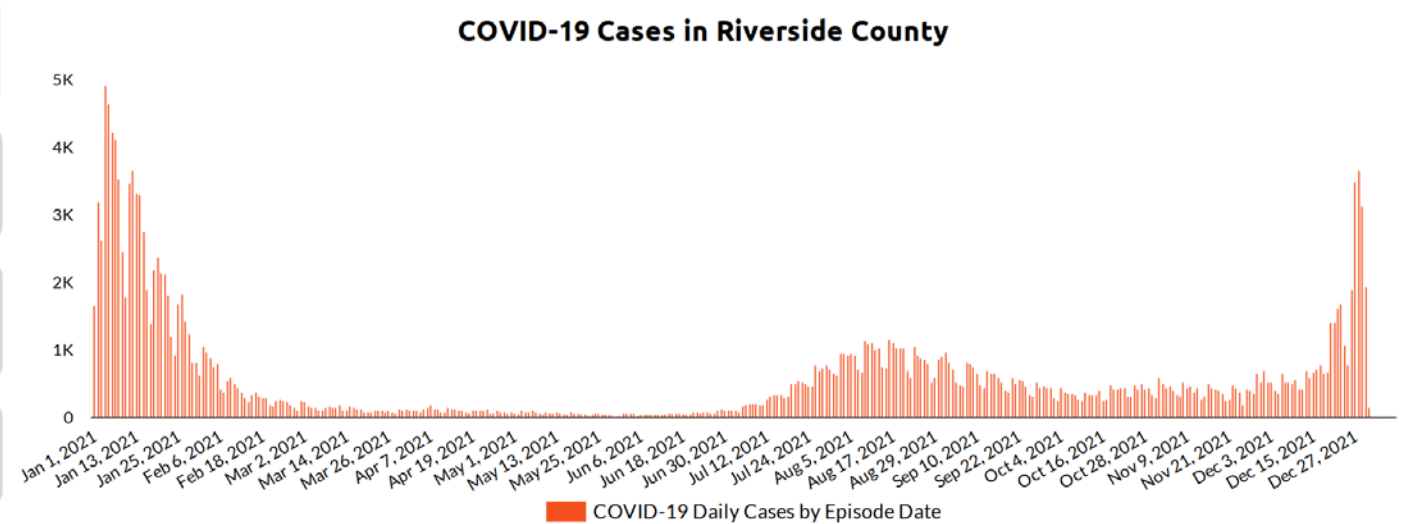
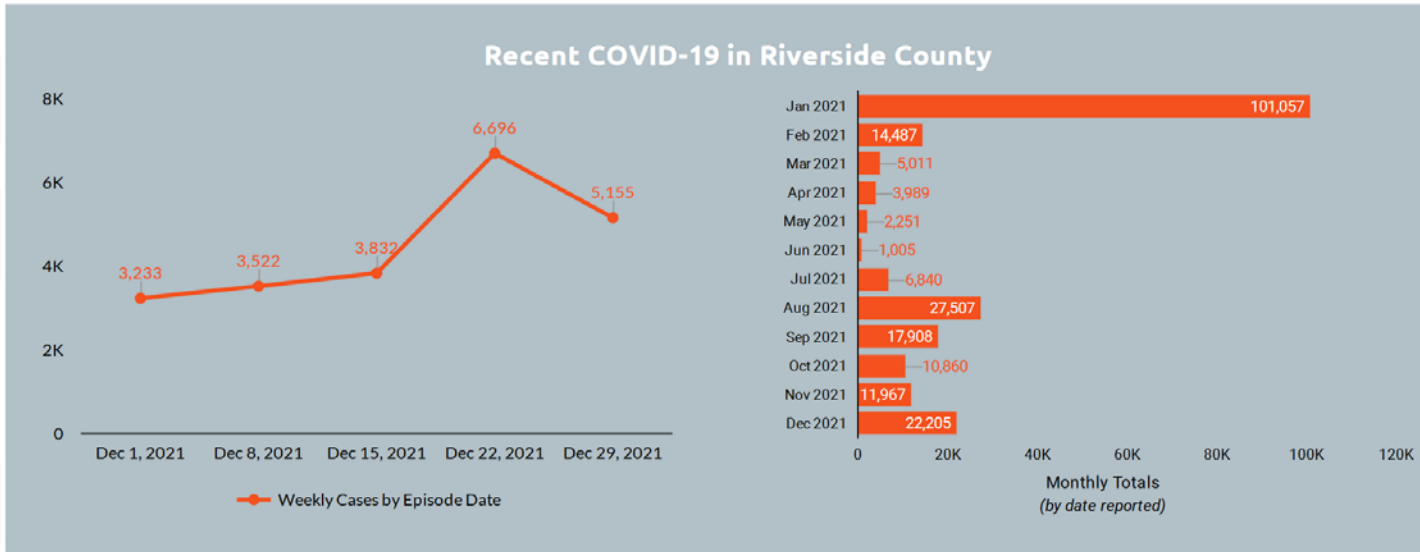
**NEW DEATHS**  
11

**TOTAL RECOVERED**  
391,646

**PROBABLE CASES\***  
18,018

**CURRENT HOSPITALIZED (includes ICU)**  
791

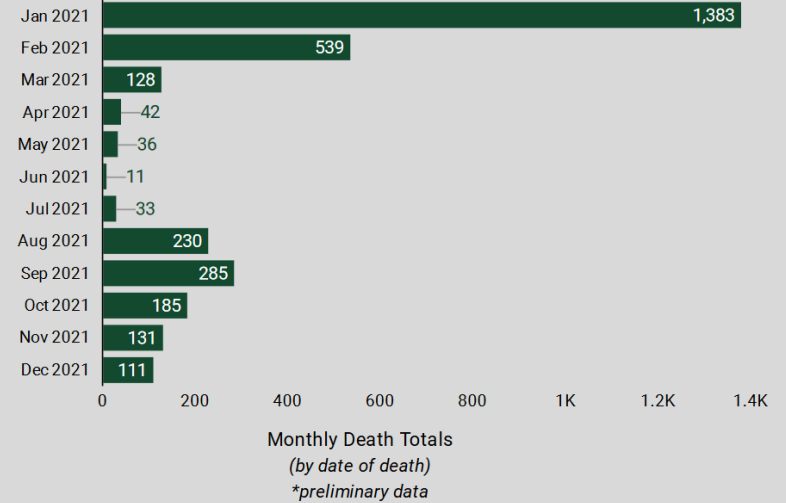
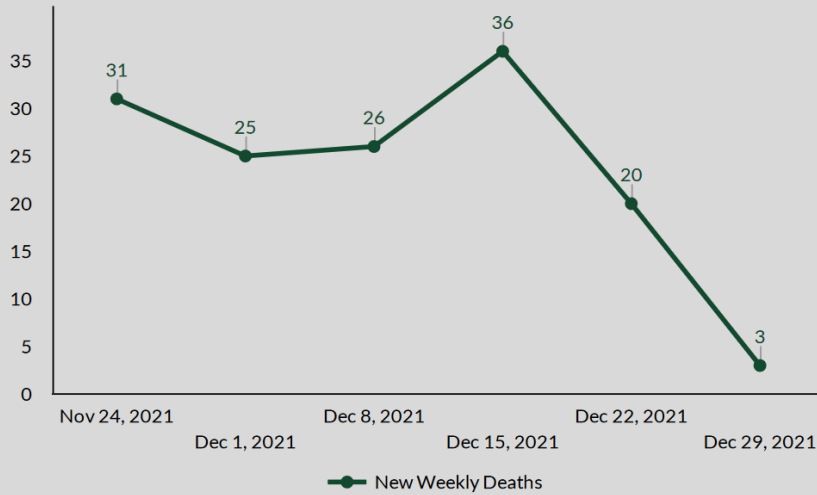
**CURRENT ICU**  
126



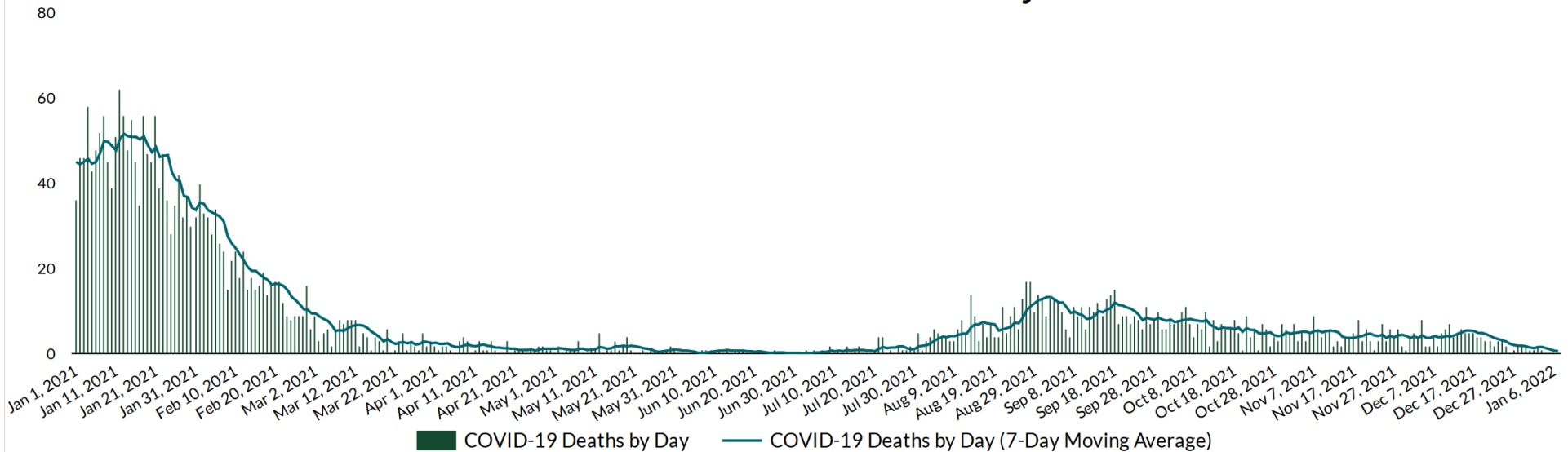
# RIVERSIDE COUNTY COVID-19 DEATHS



## Recent COVID-19 Deaths in Riverside County



## COVID-19 Deaths in Riverside County

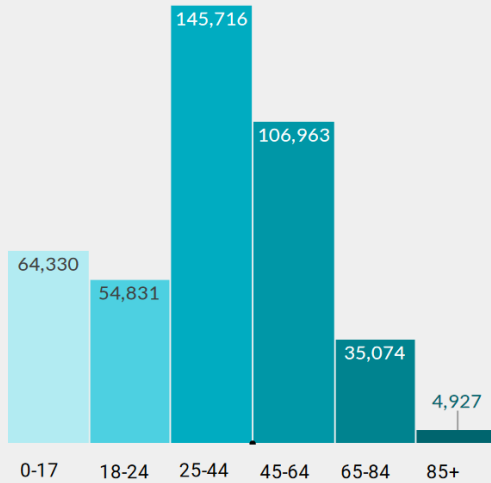


# RIVERSIDE COUNTY COVID-19 TOTAL CASE & DEATH DEMOGRAPHICS (COUNTS)

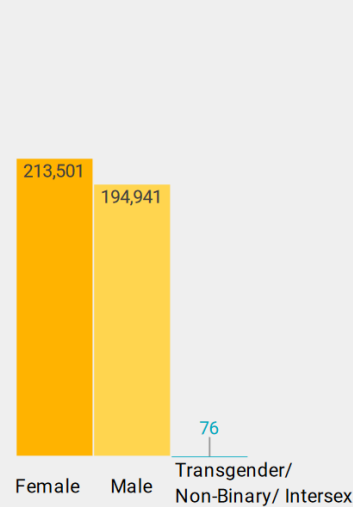


## COVID-19 TOTAL CASE COUNT

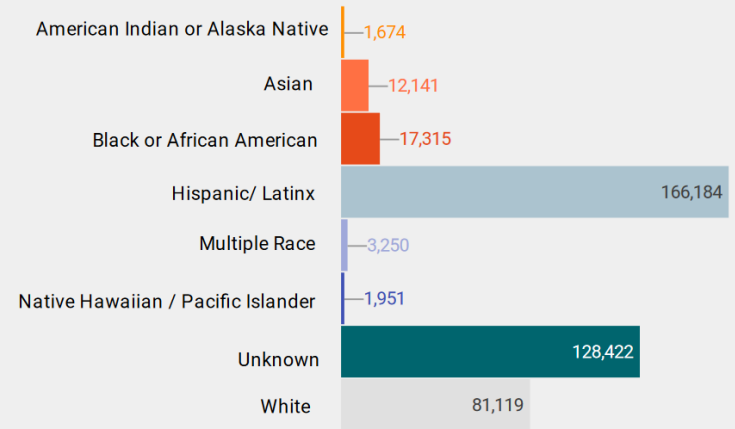
COVID-19 Cases by Age Group



COVID-19 Cases by Sex

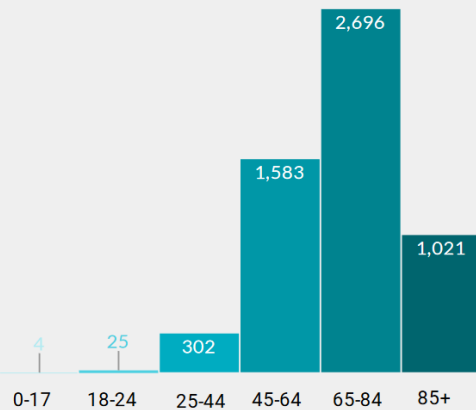


COVID-19 Cases by Race/Ethnicity

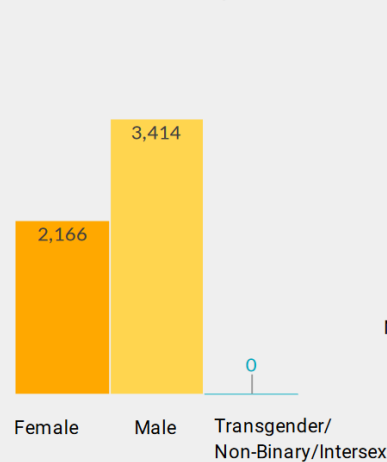


## COVID-19 TOTAL DEATH COUNT

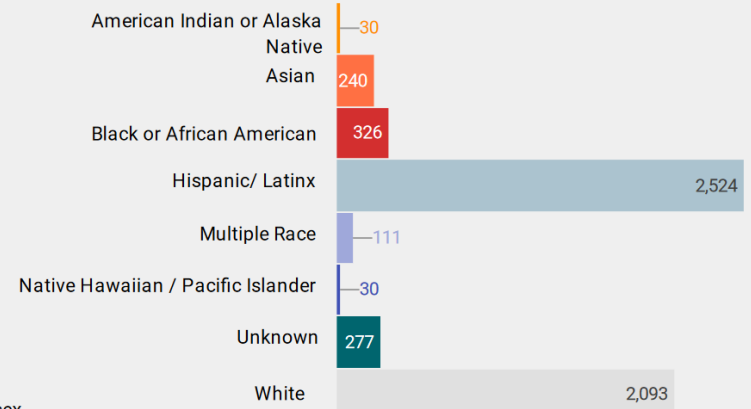
COVID-19 Deaths by Age Group



COVID-19 Deaths by Sex



COVID-19 Deaths by Race/Ethnicity



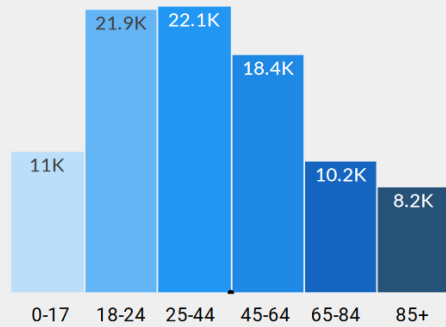


# COVID-19 CASE RATE DEMOGRAPHICS CALIFORNIA AND RIVERSIDE COUNTY

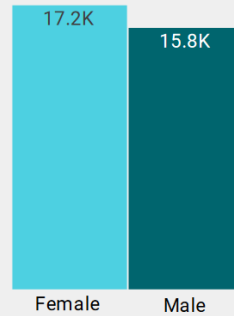


## RIVERSIDE COUNTY

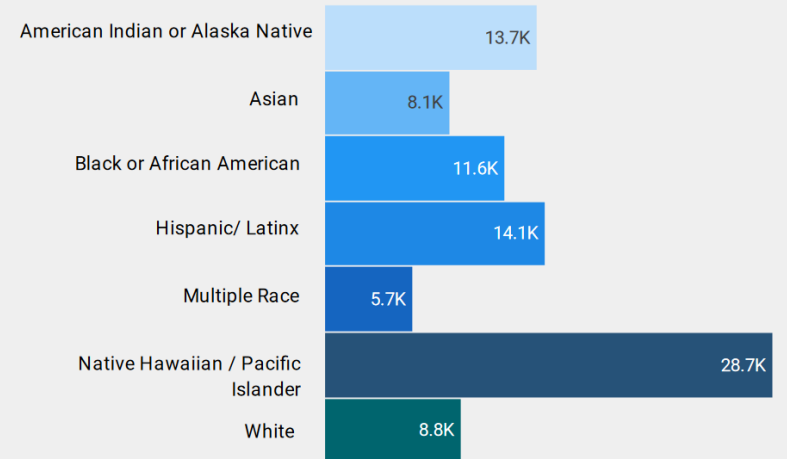
COVID-19 Riverside County Case Rates (per 100,000) by Age Group - Riverside County



COVID-19 Riverside County Case Rates (per 100,000) by Sex

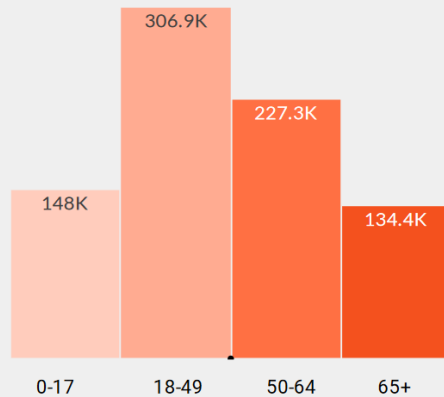


COVID-19 Riverside County Case Rates (per 100,000) by Race/Ethnicity

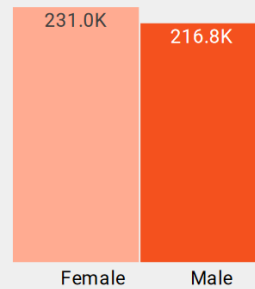


## CALIFORNIA

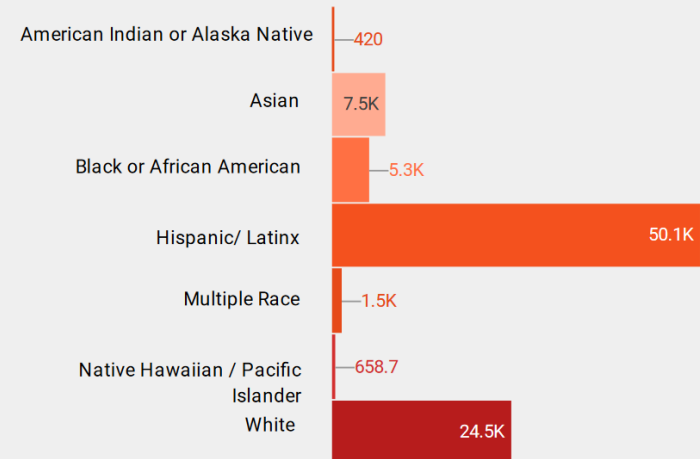
COVID-19 California Case Rates (per 100,000) by Age Group



COVID-19 California Case Rates (per 100,000) by Sex



COVID-19 California Case Rates (per 100,000) by Race/Ethnicity



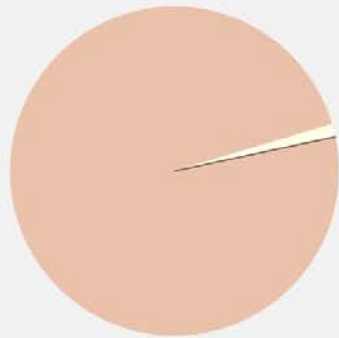
\* California data lags behind one day

## Vaccination Status of COVID-19 Cases

<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/Condensed%20EPE%20Report.pdf?x=1641576035801>

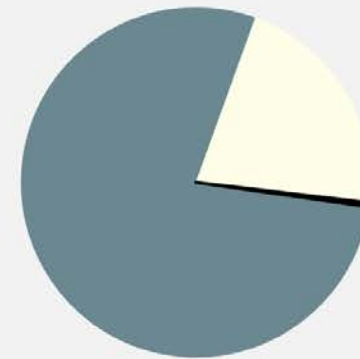
### COVID AMONG FULLY VACCINATED VS. UNVACCINATED RESIDENTS 5+ IN RIVERSIDE COUNTY JAN-DEC 2021

1.3% of the **vaccinated** population are cases compared to **27.3%** of the **unvaccinated** population.



■ Fully Vaccinated ■ COVID Cases ■ Died

	Number	Percent
Fully Vaccinated	1,487,496	
COVID Cases	19,186	1.3%
Died	112	0.008%



■ Unvaccinated ■ COVID Cases ■ Died

	Number	Percent
Unvaccinated	616,543	
COVID Cases	168,060	27.3%
Died	2,861	0.5%



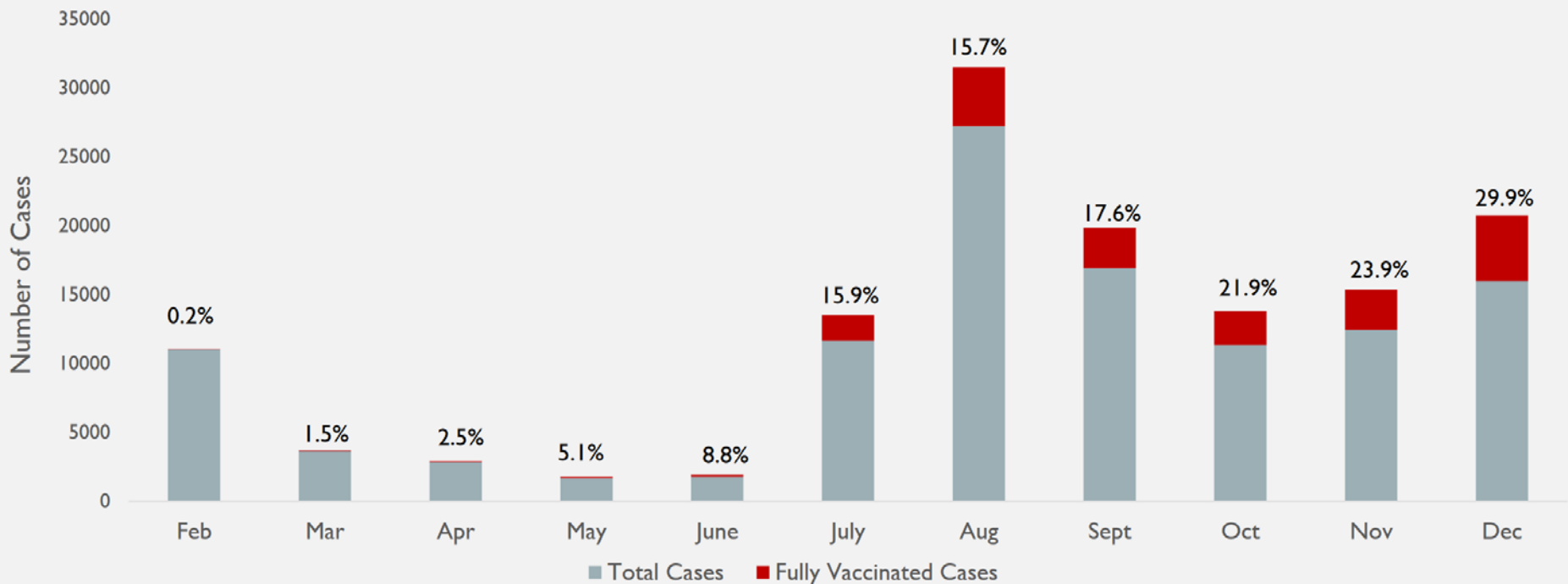
<https://www.rivcoph.org/coronavirus>

Source: CalREDIE & Snowflake Data  
Data as of: 12/26/2021 Page 2 of 7

## COVID-19 CASES, AMONG RIVERSIDE RESIDENTS 5+ BY MONTH AND VACCINATION STATUS, FEB-DEC 2021

“Because vaccines are not 100% effective, as the number of people who are fully vaccinated goes up, the number of vaccine breakthrough infections will also increase.” (CDC, 2021)

Cases among **vaccinated** individuals have **continued to rise** as overall cases have increased.



Note: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/effectiveness/why-measure-effectiveness/breakthrough-cases.html>  
<https://www.rivcoph.org/coronavirus>

Source: Snowflake, CalREDIE  
 Data as of 12/26/2021

## VACCINATION STATUS BY AGE GROUP 0-17 YEARS RIVERSIDE COUNTY JUNE-DEC, 2021

In December 2021, **80.4%** of all cases among **adolescents** 12-17 years were unvaccinated.

**8,715** unvaccinated cases ages 12-17 years were eligible for a vaccine.

COVID Cases by Vaccination Status 0-17 years					
Month	Unvaccinated			Fully Vaccinated	
	0-4	5-11	12-17	5-11	12-17
June	47	90	128	0	2
July	303	688	920	1	28
Aug	865	2653	2903	1	117
Sept	570	1697	1781	0	89
Oct	395	1155	974	0	97
Nov	413	1118	949	0	128
Dec	505	1265	1060	5	258
<b>Total</b>	<b>3098</b>	<b>8666</b>	<b>8715</b>	<b>7</b>	<b>719</b>

Note: Tuesday November 2<sup>nd</sup>, 2021 children ages 5-11 became vaccine eligible



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

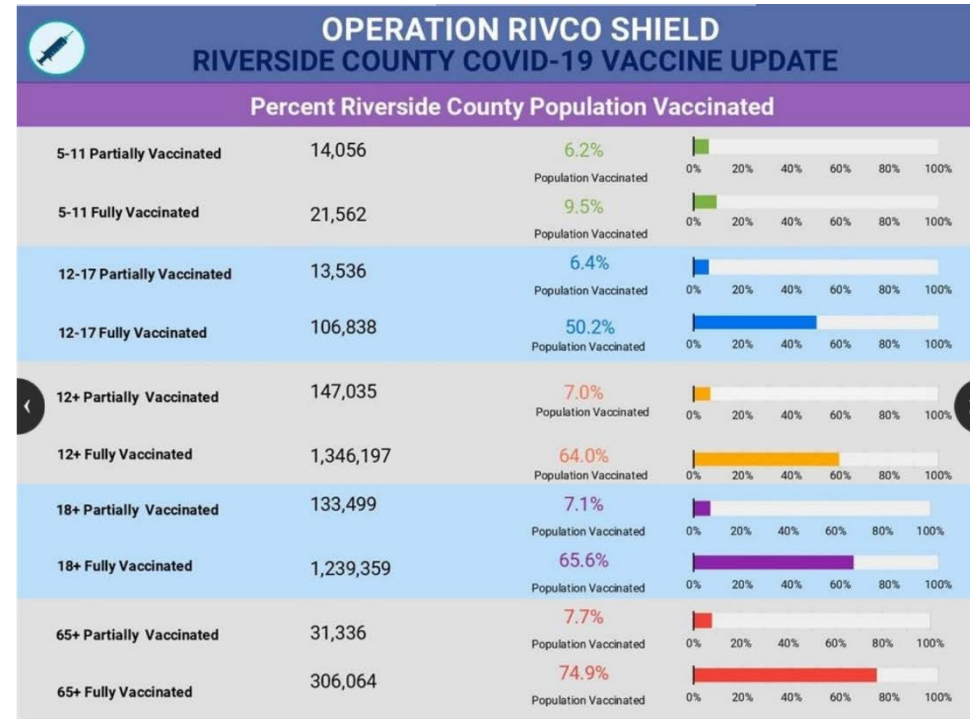
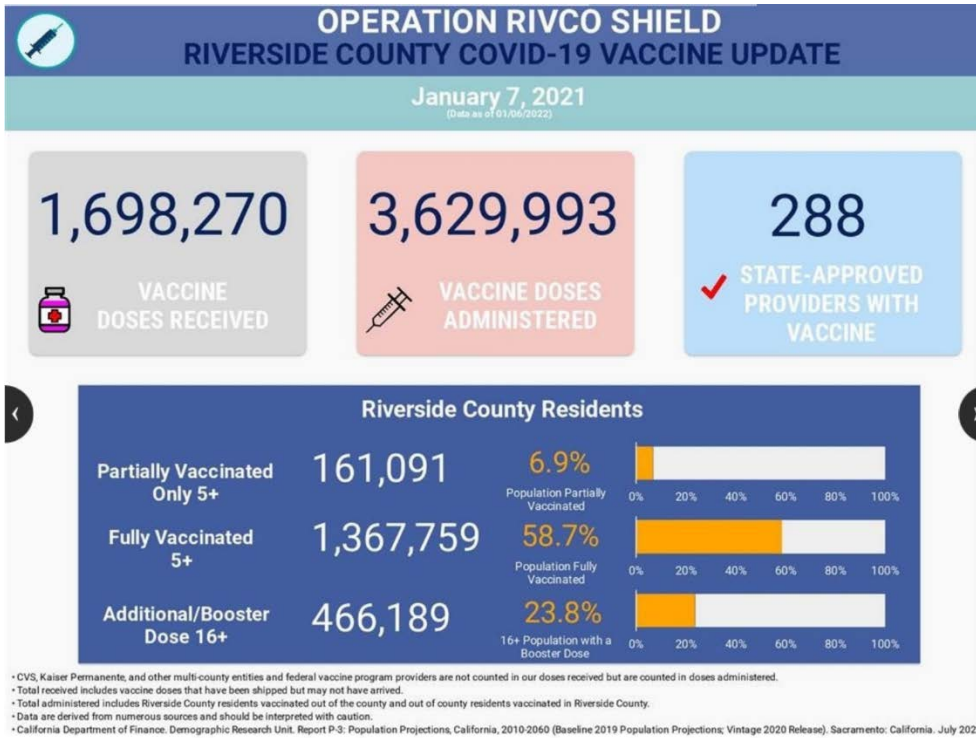
Source: CalREDIE  
CDC- vaccine eligibility  
Data Accessed: 12/26/2021 Page 7 of 7

# 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](#)





# Weather

	Sat 1/8	Sun 1/9	Mon 1/10	Tue 1/11	Wed 1/12	Thu 1/13	Fri 1/14
<b>Orange/San Diego Beaches</b>			Showers	Rip Currents High Surf	Rip Currents High Surf	Rip Currents High Surf	
<b>San Diego Coast</b> San Diego, La Jolla, Oceanside			Showers				
<b>San Diego Valleys</b> Alpine, Escondido, Ramona	Patchy Fog		Showers				
<b>San Diego County Mtns</b> Mt Laguna, Julian, Palomar Mt			Showers				
<b>San Diego Deserts</b> Anza Borrego, Ocotillo Wells			Showers				
<b>Orange County Coast</b> Laguna and Huntington Beaches			Showers				
<b>Orange County Inland</b> Anaheim, Irvine, Yorba Linda	Patchy Fog		Showers				
<b>Santa Ana Mountains</b> Silverado, Santiago Peak			Showers				
<b>Inland Empire</b> Ontario, Riverside, Temecula	Patchy Fog		Showers				
<b>Riverside County Mtns</b> Mt San Jacinto, Idyllwild			Showers				
<b>Coachella Valley</b> Palm Springs, Indio			Showers				
<b>San Bernardino Mtns</b> Wrightwood, Big Bear			Showers				
<b>High Deserts</b> Victorville, Lucerne Valley			Showers				

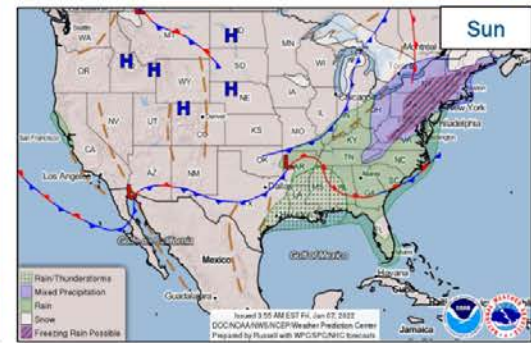
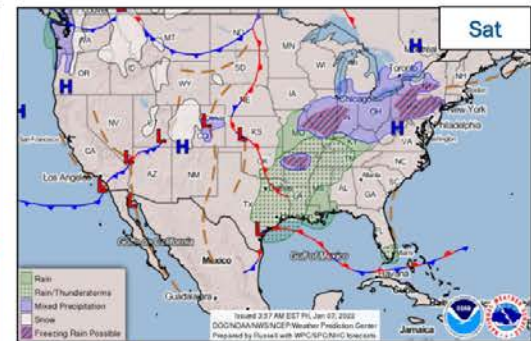
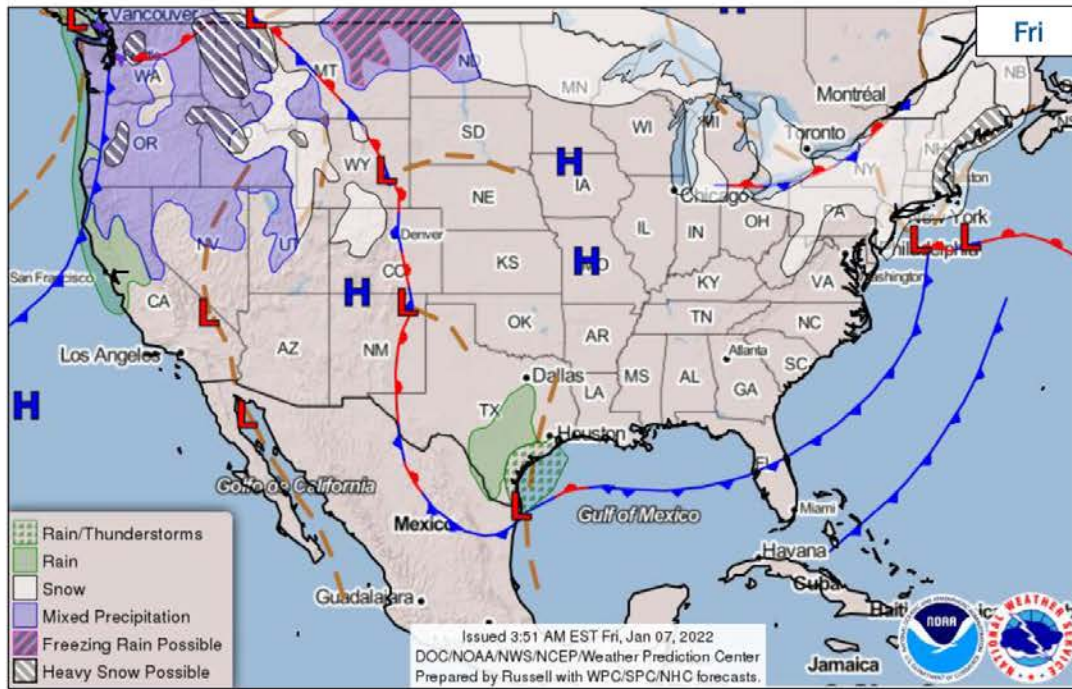
  

<b>Risk Levels</b>	Little to None	Minor	Moderate	Major	Extreme
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Latest hazard threat table: <https://www.wrh.noaa.gov/sgx/event/dsstable.php>

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

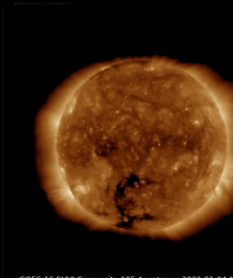
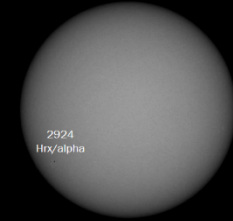
# National Weather Forecast



National Watch Center

# Space Weather Summary/Outlook

Space Weather Type	Past 48 Hours	Forecast: Jan 5	Forecast: Jan 6
Solar Flare (Radio Blackout)   <b>R Scale</b>	None	1%	1%
Solar Radiation Storms   <b>S Scale</b>	None	1%	1%
Geomagnetic Storms   <b>G Scale</b>	None	None	None



GOES-16 SLM Composite 195 Angstroms 2022-01-04 18:24:28

Currently quiet across the R, S, and G scales.

The solar wind is returning to an ambient-like state after a few Days of positive polarity CH HSS influence.

There is one numbered region on the disk.

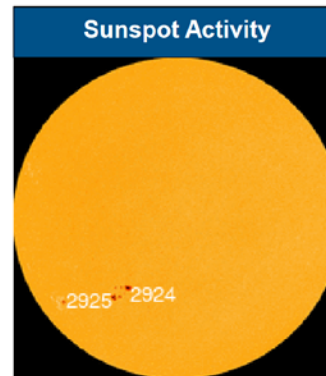
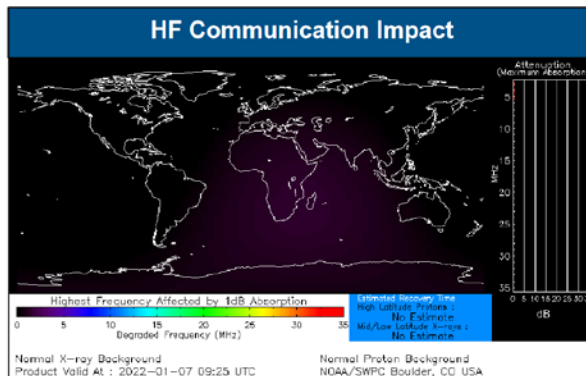
Significant solar activity is unlikely for the forecast period. However, a slight chance for R1-R2 (Minor-Moderate) radio blackouts exists 7 Jan with the possible return of old region 2907.

National Watch Center

## Space Weather Outlook

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	None	None	None	None

For further information on NOAA Space Weather Scales refer to: <http://www.swpc.noaa.gov/noaa-scales-explanation>  
 For further information on Sunspot Activity refer to: <https://www.swpc.noaa.gov/phenomena/sunspotsolar-cycle>



National Watch Center

