



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

Daily Situation Summary

Friday, September 24, 2021

As of 1:00 PM

COVID-19 by the Numbers

09/24/2021	Riverside	Imperial	Kern	Los Angeles*	Orange	San Bernardino	San Diego	San Luis Obispo	Santa Barbara	Ventura	California	United States	Global
Total Cases	342,890	31,238	115,753	1,384,490	294,213	337,896	351,132	27,387	41,678	93,974	4,440,858	42,501,643	229,858,719
Total Cases Per Capita	13,893	16,300	12,483	13,497	9,113	15,238	10,418	9,821	9,132	11,020	11,066	12,788	2,961
% of Total Cases/Population	13.89%	16.30%	12.48%	13.50%	9.11%	15.24%	10.42%	9.82%	9.13%	11.02%	11.07%	12.79%	2.96%
Recovered**	340,282	27,755	122,604	Not Reported	279,753	334,346	Not Reported	26,332	41,075	92,123	2,418,952	33,035,133	208,267,216
% of total recovered/population	13.79%	14.48%	13.22%	Not Reported	8.67%	15.08%	Not Reported	9.44%	9.00%	10.80%	6.03%	9.94%	2.68%
Total Deaths	4,830	755	292	25,930	5,366	5,528	4,027	315	504	1,122	32,643	680,688	4,713,543
Deaths Per Capita	195.69	393.95	31.49	252.79	166.21	249.30	119.48	112.96	110.44	131.57	81.34	204.81	60.71
% of Total Deaths/Population	0.20%	0.39%	0.03%	0.25%	0.17%	0.25%	0.12%	0.11%	0.11%	0.13%	0.08%	0.20%	0.06%
% of State's Cases	7.72%	0.70%	2.61%	31.18%	6.63%	7.61%	7.91%	0.62%	0.94%	2.12%	10.45%	18.49%	
Currently in Hospitals	422	23	280	956	308	404	418	36	49	76	5,782		
Total Hospital Beds	3,479	236	1,241	19,352	5,970	3,638	6,507	442	614	1,164	66,893		
Currently in ICU	117	8	75	345	76	130	137	7	14	17	1,633		
ICU Beds Available	71	3	18	541	146	106	173	15	22	38	1,620		
Case Fatality Rate	1.41%	2.42%	0.25%	1.87%	1.82%	1.64%	1.15%	1.15%	1.21%	1.19%	0.74%	1.60%	2.05%
Population*	2,468,145	191,649	927,251	10,257,557	3,228,519	2,217,398	3,370,418	278,862	456,373	852,747	40,129,160	332,345,359	7,763,643,000
% of Population	6.15%	0.48%	2.31%	25.56%	8.05%	5.53%	8.40%	0.69%	1.14%	2.13%	12.07%	4.28%	

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

The date for which case statistics and hospital data were reported. Hospital COVID data are self-reported through a portal managed by the California Hospital Association and pulled at 2pm. COVID case statistics are reported by local health departments to CalREDIE and are pulled at 2pm. Hospital data and case statistics are integrated by the California Department of Technology and made available through the Open Data Portal the following morning. CA Open Data Portal is at least 24 Hours behind although a backlog of new case reports at the State level has ostensibly been cleared, some County dashboards still contain notes that indicate data are missing. *California Demographics from State Database Blueprint Data Chart 12-15-20 & census.gov. (**Many County sites do not report recovery rates or are only updating once a week)

News
More detail on page 2

Global Data
More detail on page 6

US Data
More detail on page 14

State Data
More detail on page 31

County of Riverside
More detail on page 34

Weather
More detail on page 42

Air Quality
More detail on page 51

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.

Novavax applies to WHO for emergency listing of COVID-19 vaccine

- Sept 23 (Reuters) - Novavax Inc and its partner Serum Institute of India have applied to the World Health Organization for an emergency use listing of Novavax's COVID-19 vaccine, potentially clearing the way for the shot to ship to many poorer countries, the company said on Thursday.
- Novavax has been prioritizing regulatory submissions to low- and middle-income countries after falling behind in the race for authorization in the United States and Europe, which have already vaccinated most of their residents.
- A WHO listing would allow Novavax to ship to multiple developing nations that rely on WHO guidance for their regulatory decisions.
- Novavax and India's Serum Institute, the world's largest vaccine producer, have together committed to providing more than 1.1 billion doses to the COVAX facility.
- The Novavax shot is a protein-based vaccine, and was shown to be more than 90% effective, including against a variety of concerning variants of the coronavirus in a large, late-stage U.S.-based clinical trial.

<https://finance.yahoo.com/news/1-novavax-applies-emergency-listing-134624830.html>

Whether COVID-19 boosters get approved or not, Pfizer and Moderna have already made their money

- The FDA on Wednesday authorized BioNTech and Pfizer's COVID-19 booster for certain groups of people in the U.S.
- It's likely that millions of COVID-19 booster shots will be administered in the U.S. in the coming months, but that doesn't mean companies like Moderna Inc. and Pfizer Inc. will report an unexpected revenue windfall this year.
- The agreements that both companies already signed with the U.S. government for additional doses back in June and July have already been factored into annual consensus by Wall Street analysts.
- Pfizer is expected to generate \$9.6 billion in sales of the vaccine in the third quarter and \$11.4 billion in sales in the fourth quarter, for a total of \$32.8 billion in COVID-19 vaccine sales in 2021, according to a FactSet consensus.
- Sales projections for Moderna's shot are much lower for the year. They are expected to come in at \$6.9 billion in the third quarter and \$7.1 billion in the fourth quarter, for a total of \$20.0 billion in 2021.
- The sales figures include the primary series of shots and the booster doses

<https://www.marketwatch.com/story/whether-the-fda-approves-a-covid-19-booster-shot-or-not-pfizer-and-moderna-have-already-made-their-money-11632337602?siteid=yhoof2>

Johnson & Johnson Says Its Booster Shot Provides Increased Protection From COVID-19

- People who receive a Johnson & Johnson COVID-19 vaccine booster shot are better protected against the coronavirus for a longer period of time, according to the pharmaceutical company's latest trial results.
- The one-dose Johnson & Johnson vaccine has been found to be 66% protective against moderate and severe disease overall worldwide and 72% protective against such cases in the U.S. But when a person receives a booster shot two months after getting the pharmaceutical company's one-dose vaccine, the protection against COVID-19 increased to 94%.
- A booster shot at six months provided a 12-fold increase in antibodies.

<https://www.npr.org/2021/09/21/1039168781/johnson-johnson-booster-shot-provides-increased-protection-from-covid>

Moderna chief executive sees pandemic over in a year – newspaper

- Moderna Inc Chief Executive Stéphane Bancel thinks the coronavirus pandemic could be over in a year as increased vaccine production ensures global supplies, he told the Swiss newspaper Neue Zuercher Zeitung.
- "If you look at the industry-wide expansion of production capacities over the past six months, enough doses should be available by the middle of next year so that everyone on this earth can be vaccinated. Boosters should also be possible to the extent required," he told the newspaper in an interview. Vaccinations would soon be available even for infants.
- "Those who do not get vaccinated will immunize themselves naturally, because the Delta variant is so contagious. In this way we will end up in a situation similar to that of the flu. You can either get vaccinated and have a good winter. Or you don't do it and risk getting sick and possibly even ending up in hospital."
- Asked if that meant a return to normal in the second half of next year, he said: "As of today, in a year, I assume."
- Bancel expected governments to approve booster shots for people already vaccinated because patients at risk who were vaccinated last autumn "undoubtedly" needed a refresher.
- Its booster shot had half the dose of the original dose, which meant more of them would be available. "We are currently testing Delta-optimized variants in clinical trials. They will form the basis for the booster vaccination for 2022. We are also trying out Delta plus Beta."

<https://finance.yahoo.com/news/moderna-chief-executive-sees-pandemic-055132723.html>

California's job growth tripled the nation's, even as the Delta variant spread

- California last month added jobs at three times the rate of the nation, as teachers returned to classrooms, entertainment venues reopened, and vacationers traveled despite a surge in COVID-19 infections.
- Payroll jobs in the state grew in August by 104,300 to a total of 16.63 million, accounting for 44% of U.S. job growth, [officials reported](#). At 0.6%, California's monthly job growth was triple the 0.2% national pace.

https://www.latimes.com/business/story/2021-09-17/california-jobs-august-2021-unemployment?utm_id=37949&sfmc_id=3160688

Colleges Seek Virtual Mental Health Services

- "We've seen that a lot of schools are focusing more on their services and making sure that they have an offering for health and well-being such as telehealth and teletherapy," said Seli Fakorzi, director of mental health operations at TimelyMD, a telehealth provider. "Campuses are now thinking about whether they're offering enough services that provide virtual and in-person support."
- In [June 2020](#), TimelyMD found that 85 percent of college students said they were experiencing increased stress and anxiety due to the pandemic and uncertainty about continuing their education. Another poll from the Beginning College Survey of Student Engagement found that 53 percent of first-year students reported a [substantial increase in mental and emotional exhaustion](#). Because of the increased need for services, institutions are [beefing up their mental health resources](#) for the fall semester. Given the wide range of student needs and living and learning situations -- on and off campus, in person, remote, hybrid -- many institutions are using technology to provide counseling and support services for all who seek them.
- "More and more students are engaging with our virtual programming, whether that's actually seeing a therapist remotely or participating in a workshop that they wouldn't normally be able to do," Said Chris Chamberlin, dean of students at Cooper Union. "I also think we've continued to do a number of things virtually that we could have done in person because we also know people learn differently and people engage differently."

<https://www.insidehighered.com/news/2021/09/20/colleges-expand-mental-health-services-students>

Americans are using alcohol to cope with pandemic stress: Nearly 1 in 5 report 'heavy drinking'

- More than 18 months into the COVID-19 outbreak in the U.S., nearly 1 in 5 Americans is consuming an unhealthy amount of alcohol, a new survey suggests. The survey was conducted online from March 30 to April 7 among 6,006 U.S. adults ages 21 and older. Of those, 1,003 adults reported "heavy drinking."
- "Heavy drinking" was defined as having had two heavy drinking days in a single week at least twice in the previous 30 days. A "heavy drinking day" was defined as four or more drinks containing alcohol for women and five or more drinks containing alcohol for men.

<https://www.yahoo.com/lifestyle/americans-using-alcohol-cope-covid-110147779.html>

How Menlo College hit a nearly 100% COVID-19 vaccination rate

- The 1,000 students, faculty and staff milling about Menlo College in Atherton have one thing in common: Nearly all are fully vaccinated against COVID-19.
- Only one member of the community was granted a religious exemption, noted Vice President
- "Few other communities, if any, can boast a 100% vaccination rate. That we reached our goal shows that Menlo students and employees all understand the importance of keeping our campus, and our larger community, as safe as possible," said Menlo College President Steven Weiner in a statement.
- The school set out on a vaccination campaign in April, when it announced that it would require proof of vaccination for all community members by the start of the fall semester — ahead of Stanford University and the University of California system. Once the FDA gave Pfizer's COVID-19 vaccine full approval, the school made vaccination mandatory for all staff, faculty, students and contractors — including security staff, dining hall staff and ASL interpreters.
- Student Body President Mia Shuman said the college promoted vaccinations by asking students to post on social media when they got their shots. The school also called students who didn't submit their proof of vaccination to check in.
- Shuman, a senior, said she was not surprised Menlo College was able to achieve this milestone, as the community is "tight knit" and everyone wants to "take care of each other." Still, in the larger context of the U.S., where only a little over half of Americans overall are vaccinated, it is impressive, she said.
- The majority of our community wanted nothing more than to reclaim the familiar, in-person experience that is the hallmark of our college, which had been missing for the last 18 months.
- Colleges have the legal authority to require proof of vaccination for students they already mandate that students be vaccinated against measles, mumps and rubella, meningitis, and other vaccine-preventable communicable diseases.

<https://www.almanacnews.com/news/2021/09/17/how-menlo-college-hit-a-nearly-100-covid-19-vaccination-rate>

9 Lions And Tigers At The National Zoo Are Being Treated For COVID

- Humans aren't the only ones who have to worry about COVID-19. A number of lions and tigers at the Smithsonian's National Zoo in Washington, D.C., are now being treated for the virus.
- Six African lions, a Sumatran tiger and two Amur tigers have tested presumptive positive for the virus that causes COVID-19 and are undergoing treatment, the zoo said in a news release Thursday.

<https://www.npr.org/sections/coronavirus-live-updates/2021/09/17/1038295149/national-zoo-tigers-lions-covid-coronavirus>

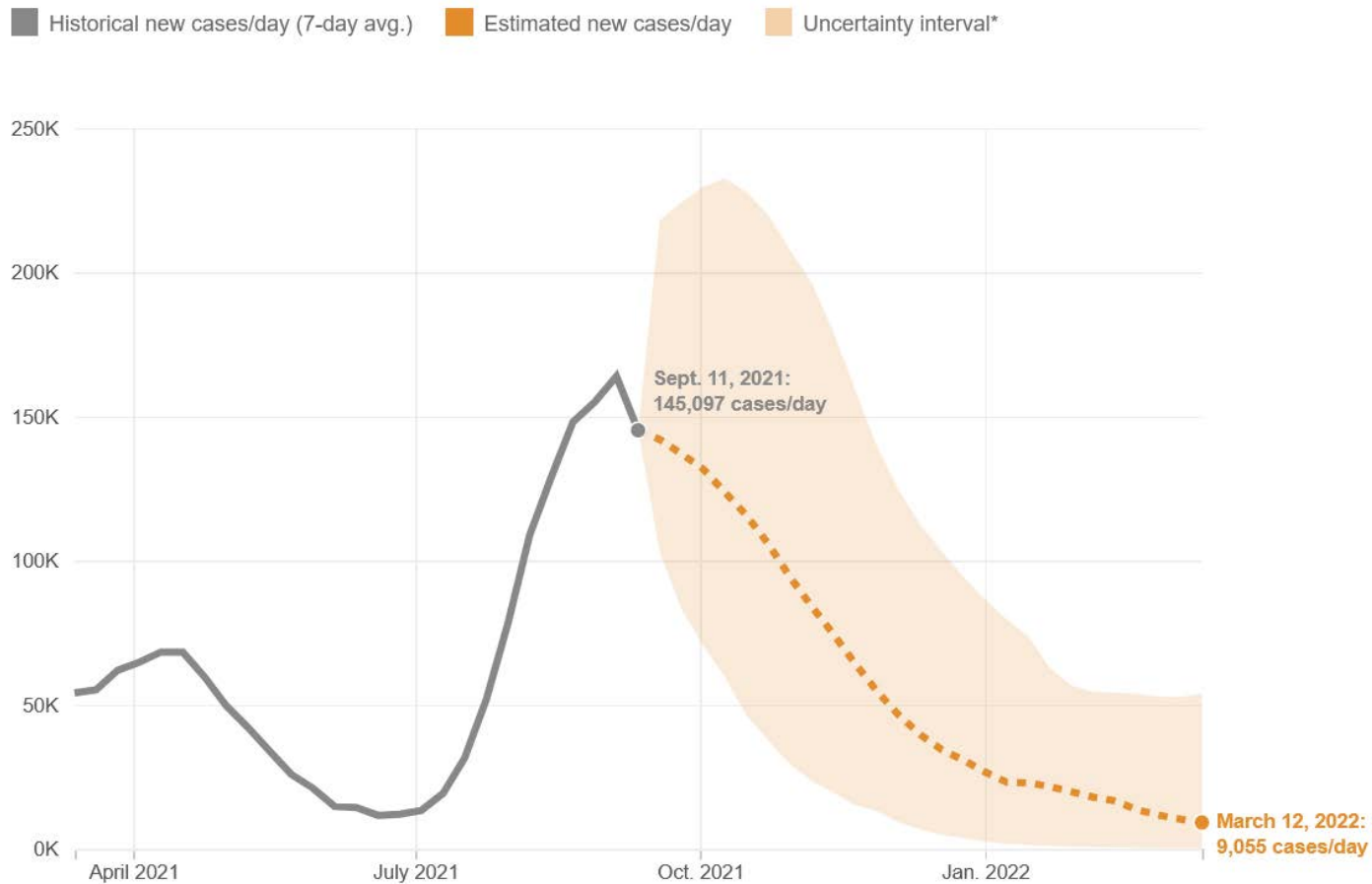
Is The Worst Over? Models Predict A Steady Decline In COVID Cases Through March

- Americans may be able to breathe a tentative sigh of relief soon, according to researchers studying the trajectory of the pandemic.
- The delta surge appears to be peaking nationally, and cases and deaths will likely decline steadily now through the spring without a significant winter surge, according to a new analysis shared with NPR by a consortium of researchers advising the Centers for Disease Control and Prevention.

<https://www.npr.org/sections/health-shots/2021/09/22/1039272244/is-the-worst-over-modelers-predict-a-steady-decline-in-covid-cases-through-march>

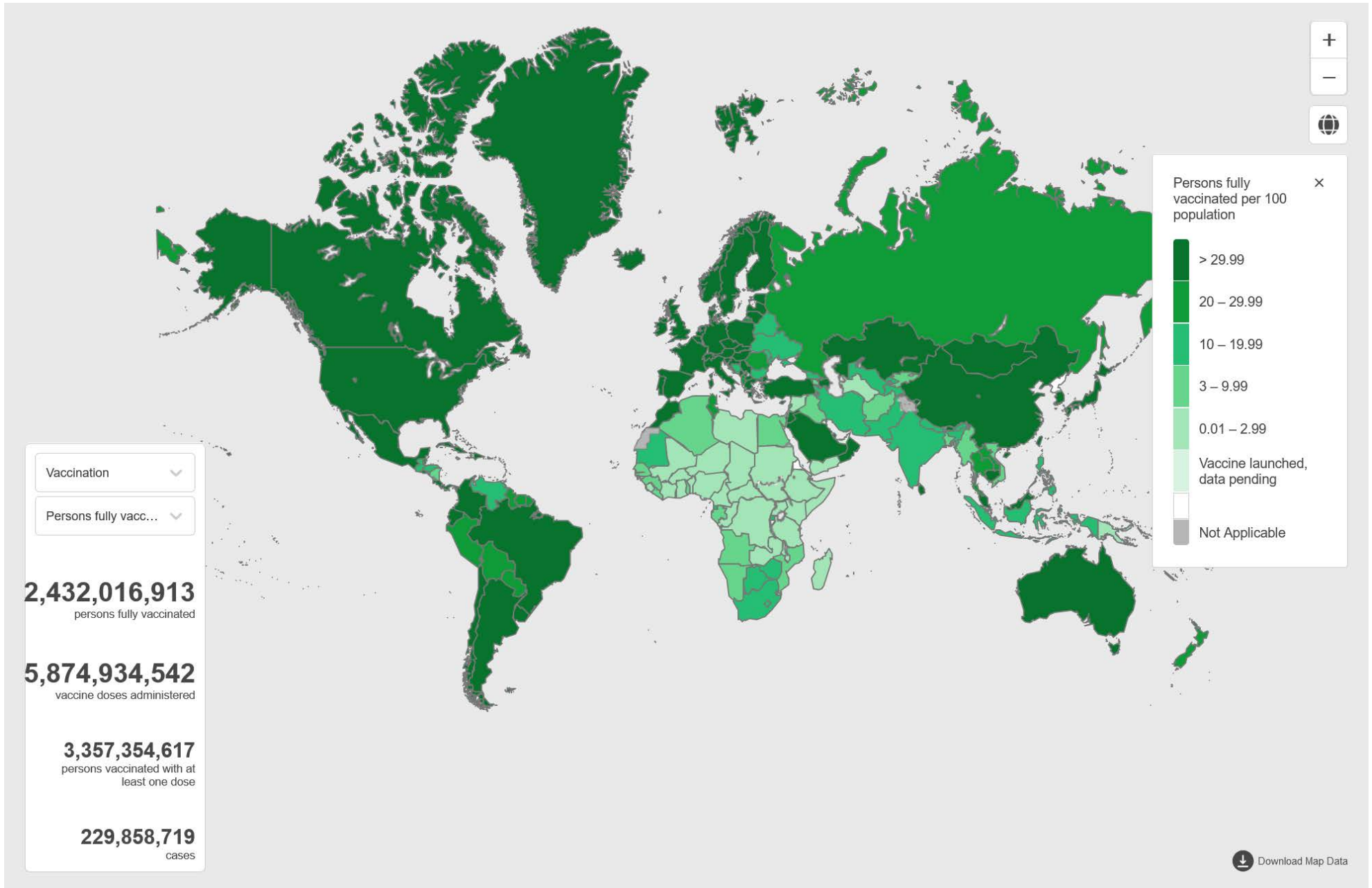
Infections Projected To Drop To About 9,000 Per Day By March

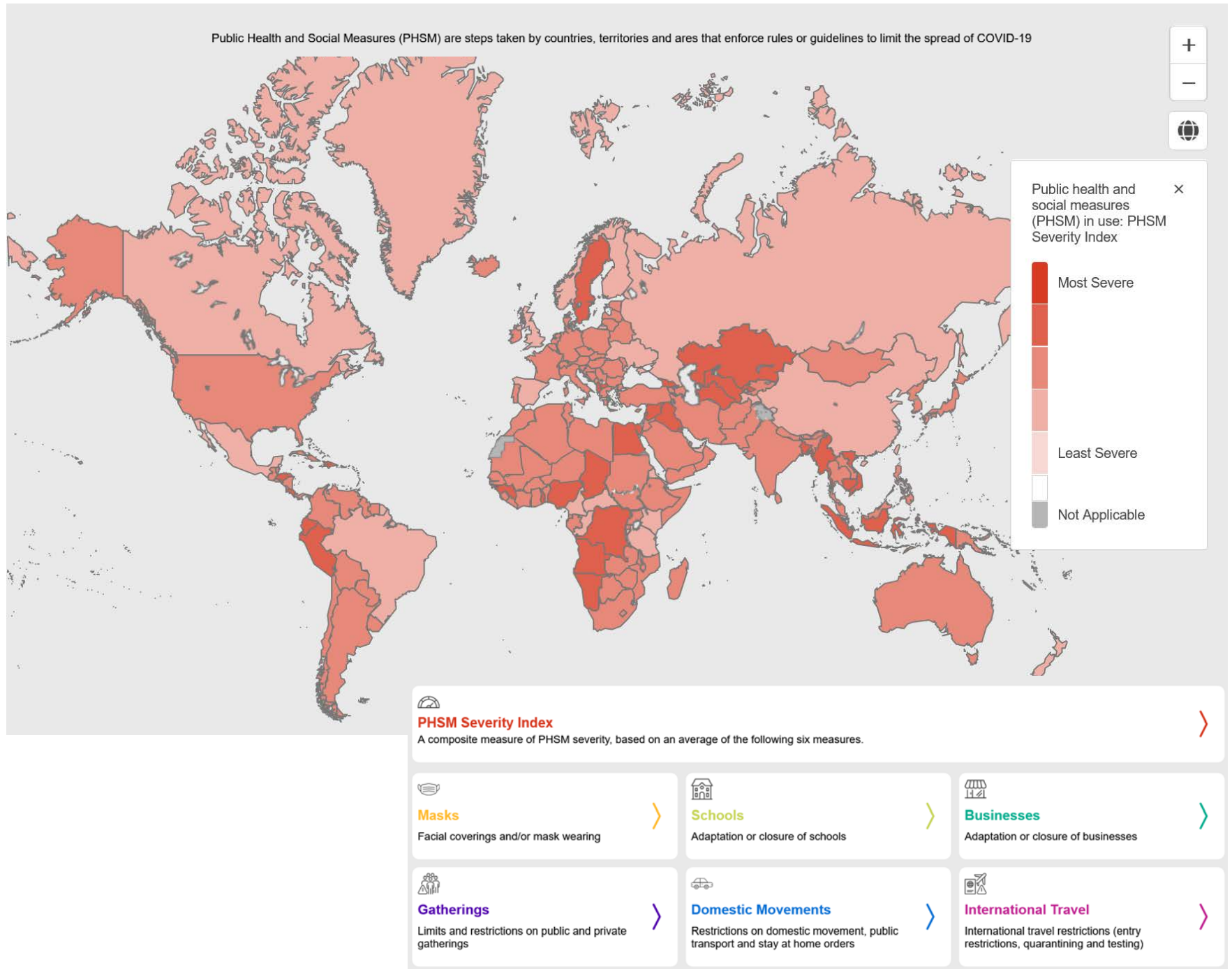
This scenario assumes childhood vaccinations take off and no new, more-transmissible variants emerge.

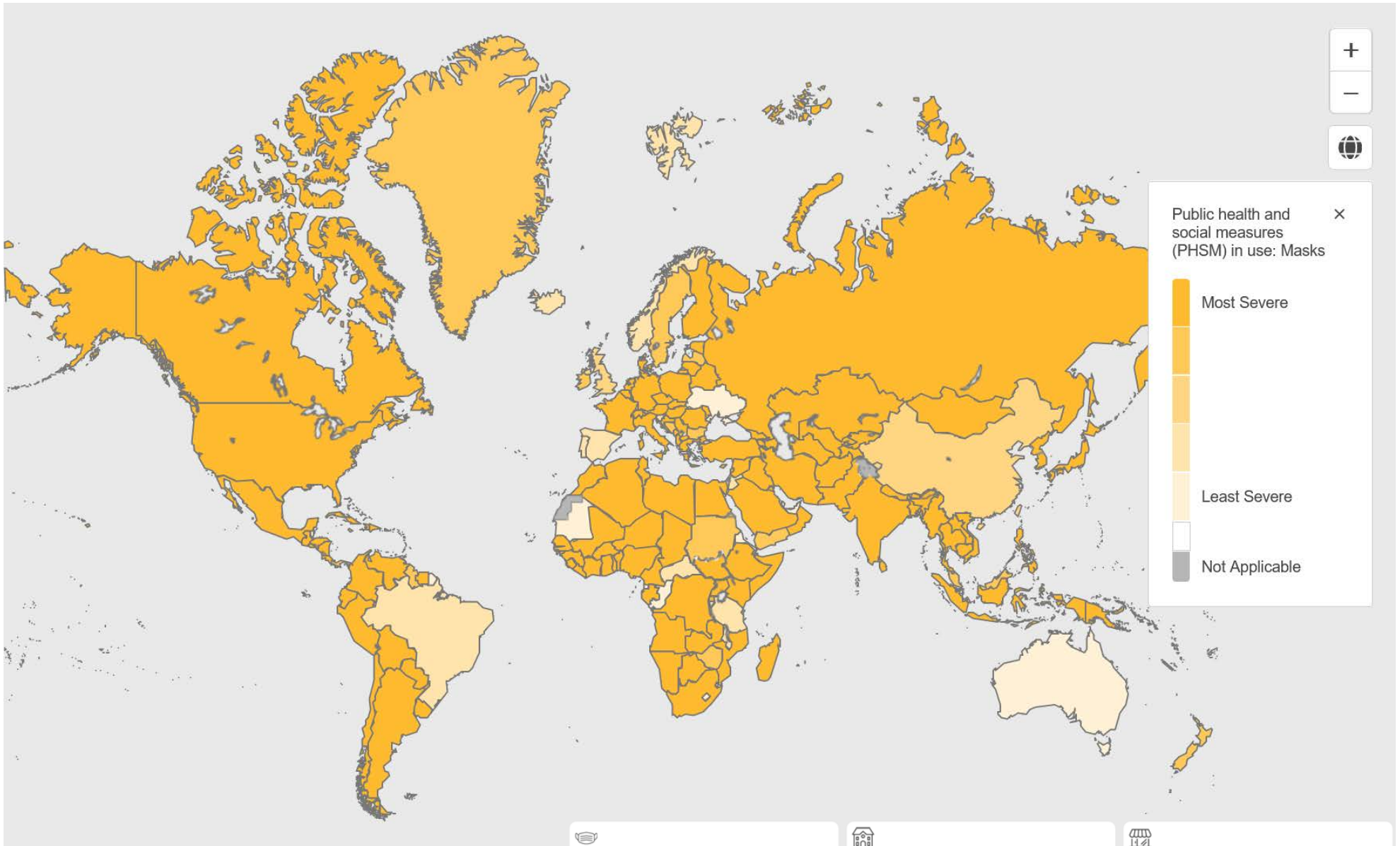








Global Data

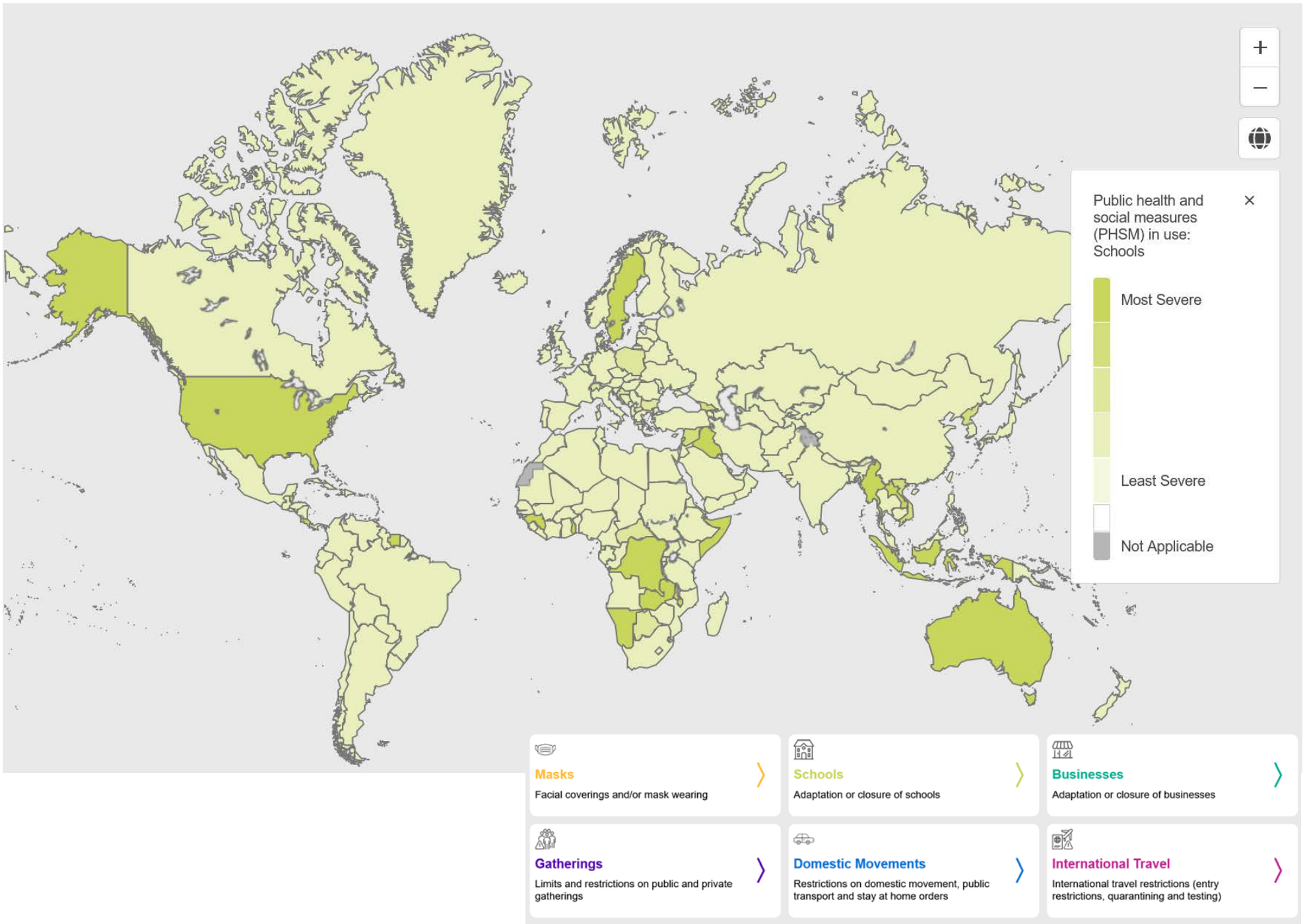
vaccine doses - <https://covid19.who.int/>

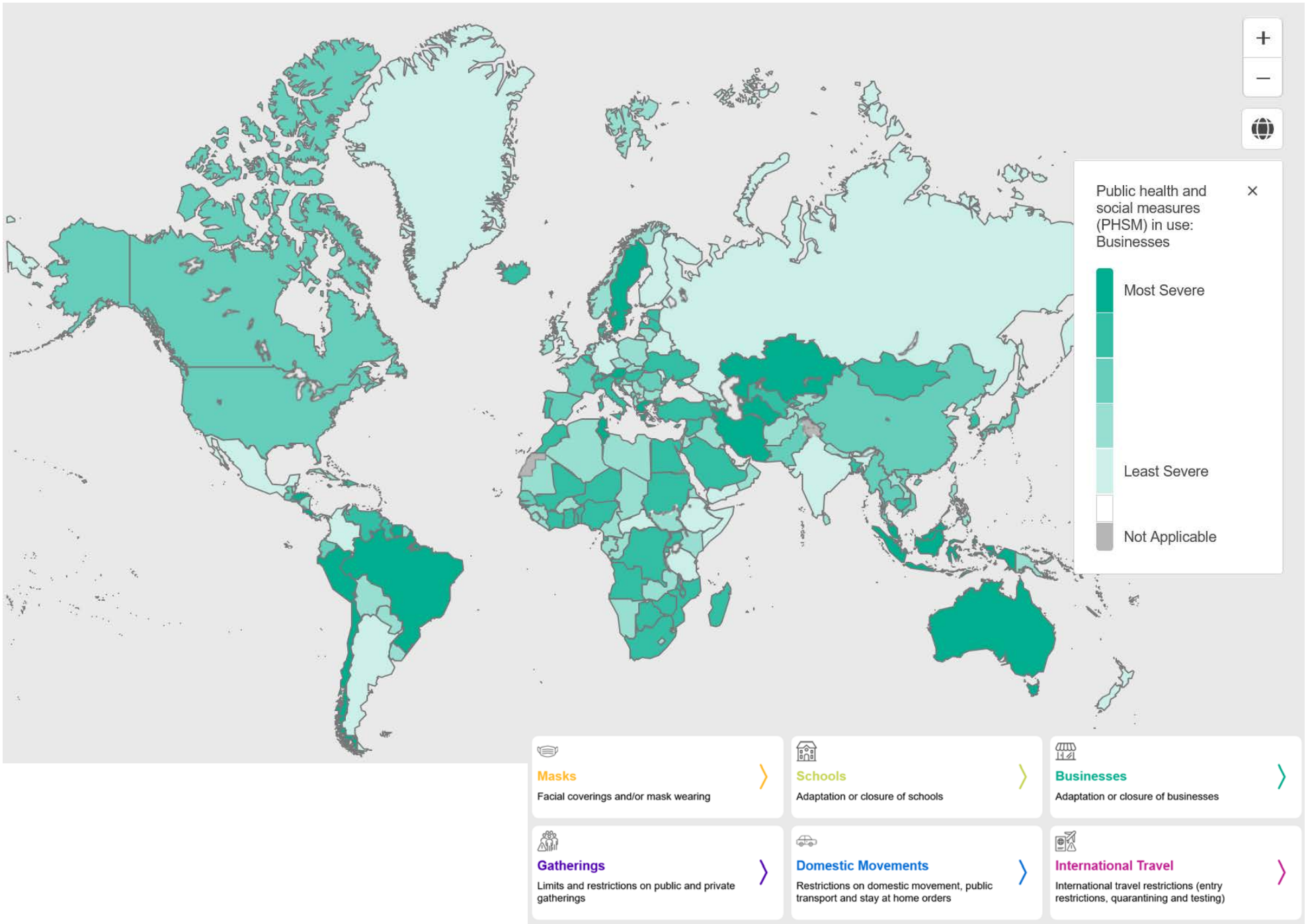


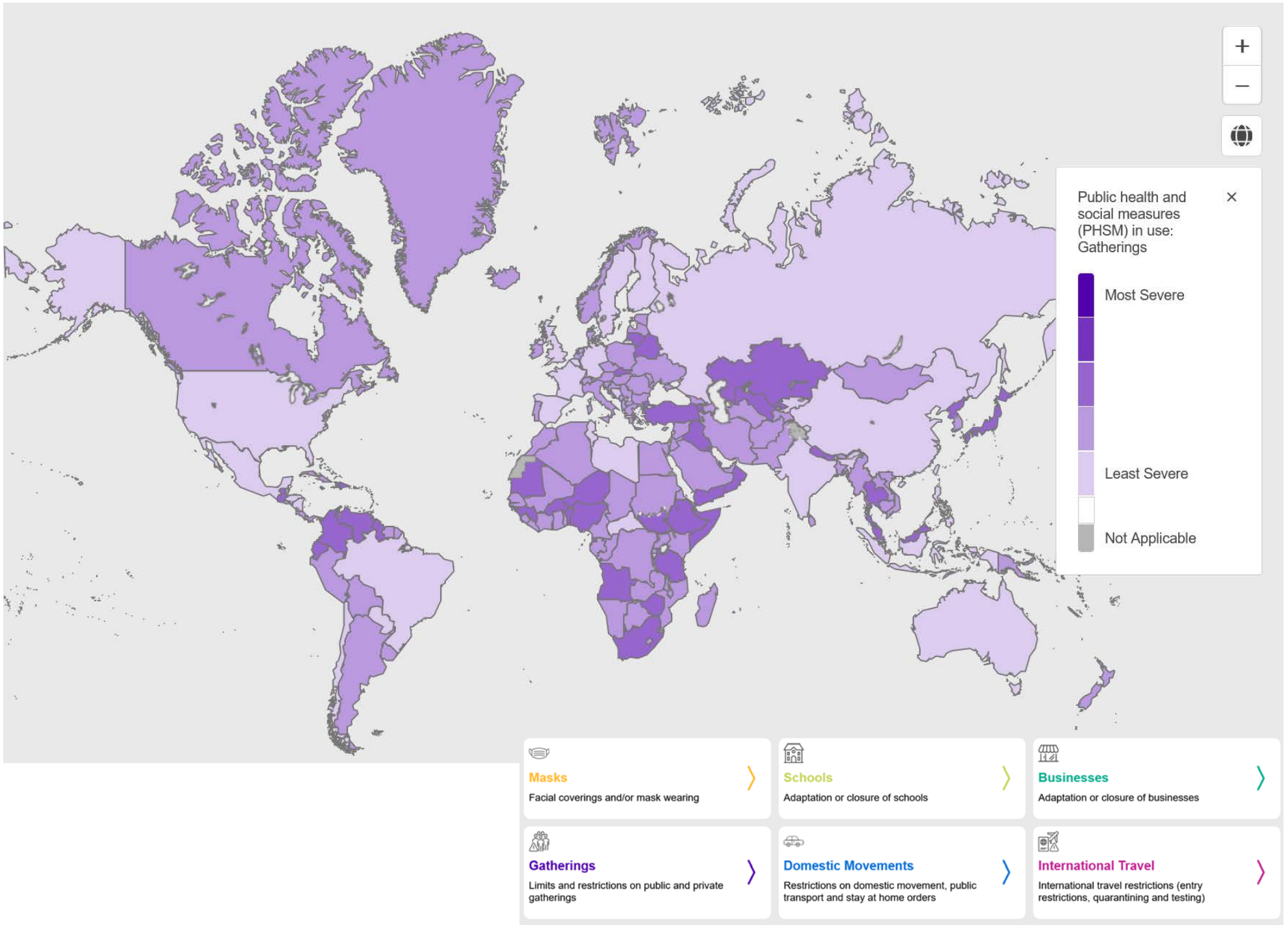


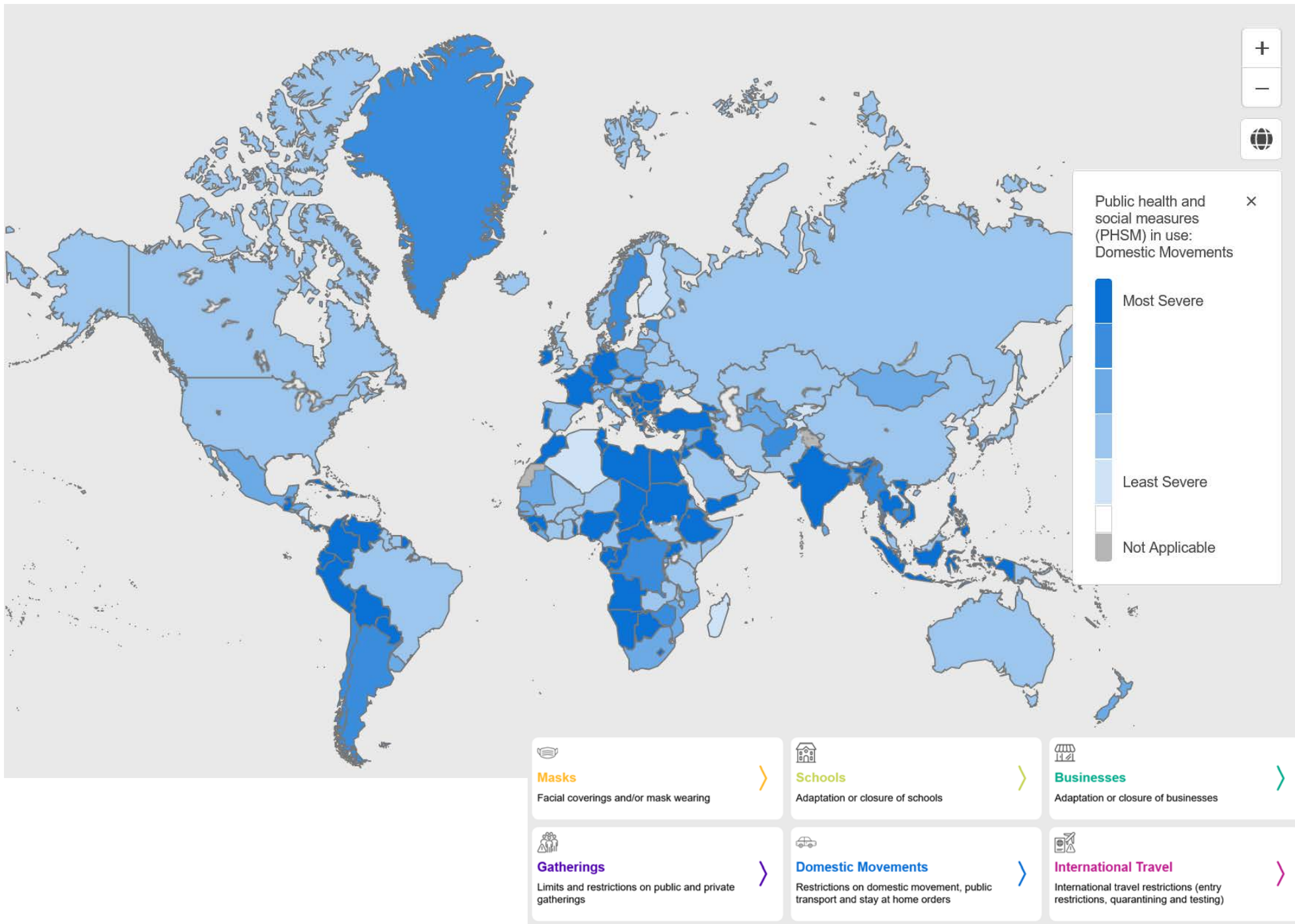


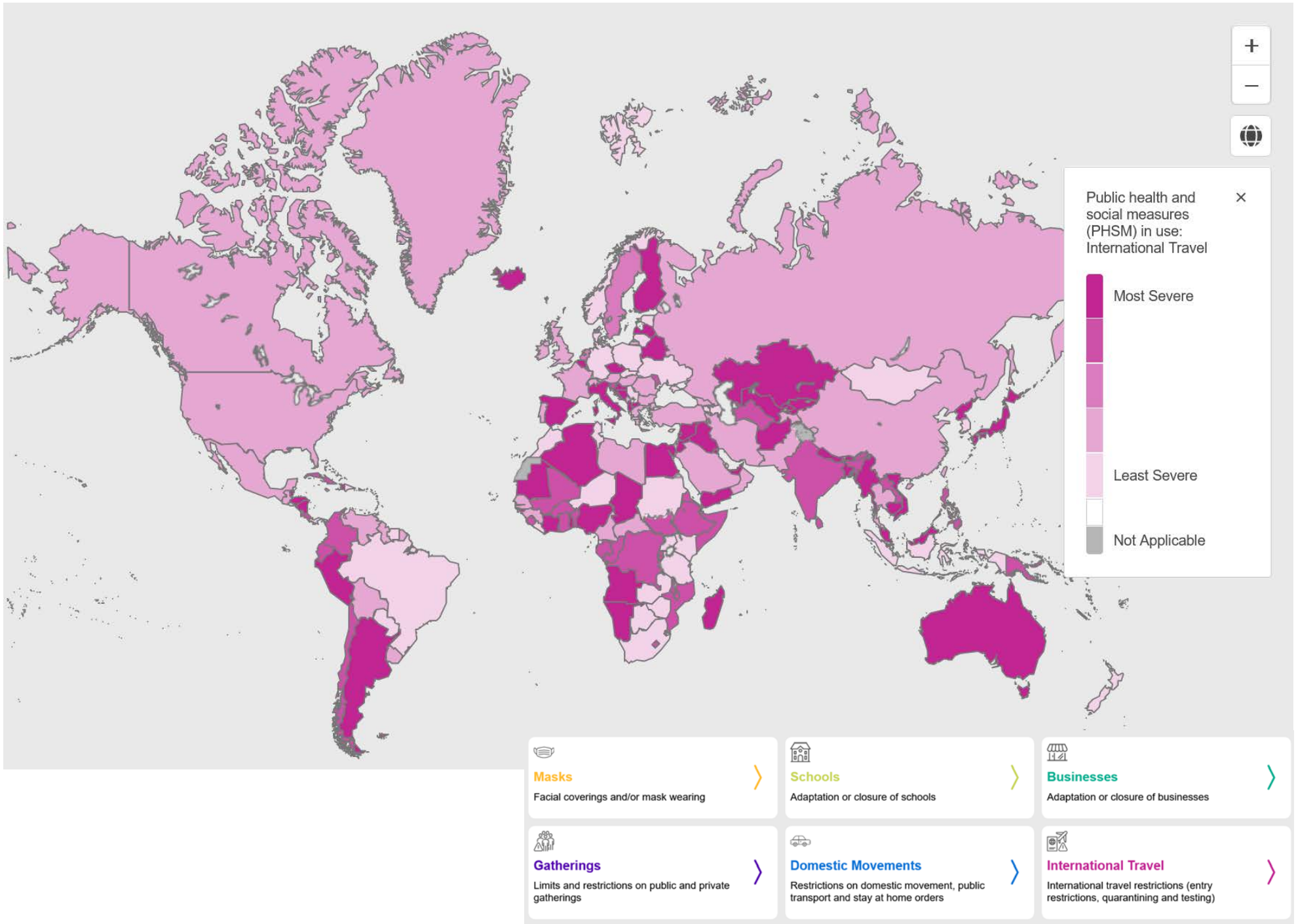
 <p>Masks</p> <p>Facial coverings and/or mask wearing</p>	 <p>Schools</p> <p>Adaptation or closure of schools</p>	 <p>Businesses</p> <p>Adaptation or closure of businesses</p>
 <p>Gatherings</p> <p>Limits and restrictions on public and private gatherings</p>	 <p>Domestic Movements</p> <p>Restrictions on domestic movement, public transport and stay at home orders</p>	 <p>International Travel</p> <p>International travel restrictions (entry restrictions, quarantining and testing)</p>













U. S. Data

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

United States COVID-19 Cases and Deaths by State

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

TOTAL CASES

42,501,643

+120,770 New Cases

7 DAY CASE RATE PER 100,000

256.3

TOTAL DEATHS

680,688

+1,961 New Deaths

CDC | Data as of: September 23, 2021 9:36 PM ET. Posted: September 23, 2021 10:30 PM ET

COVID-19 Vaccinations in the United States

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

Total Vaccine Doses

Delivered 469,561,625

Administered 387,821,704

Learn more about the [distribution of vaccines](#).

182.6M

People fully vaccinated

2.37M

People received an additional dose since August 13th, 2021

People Vaccinated

At Least One Dose

Fully Vaccinated

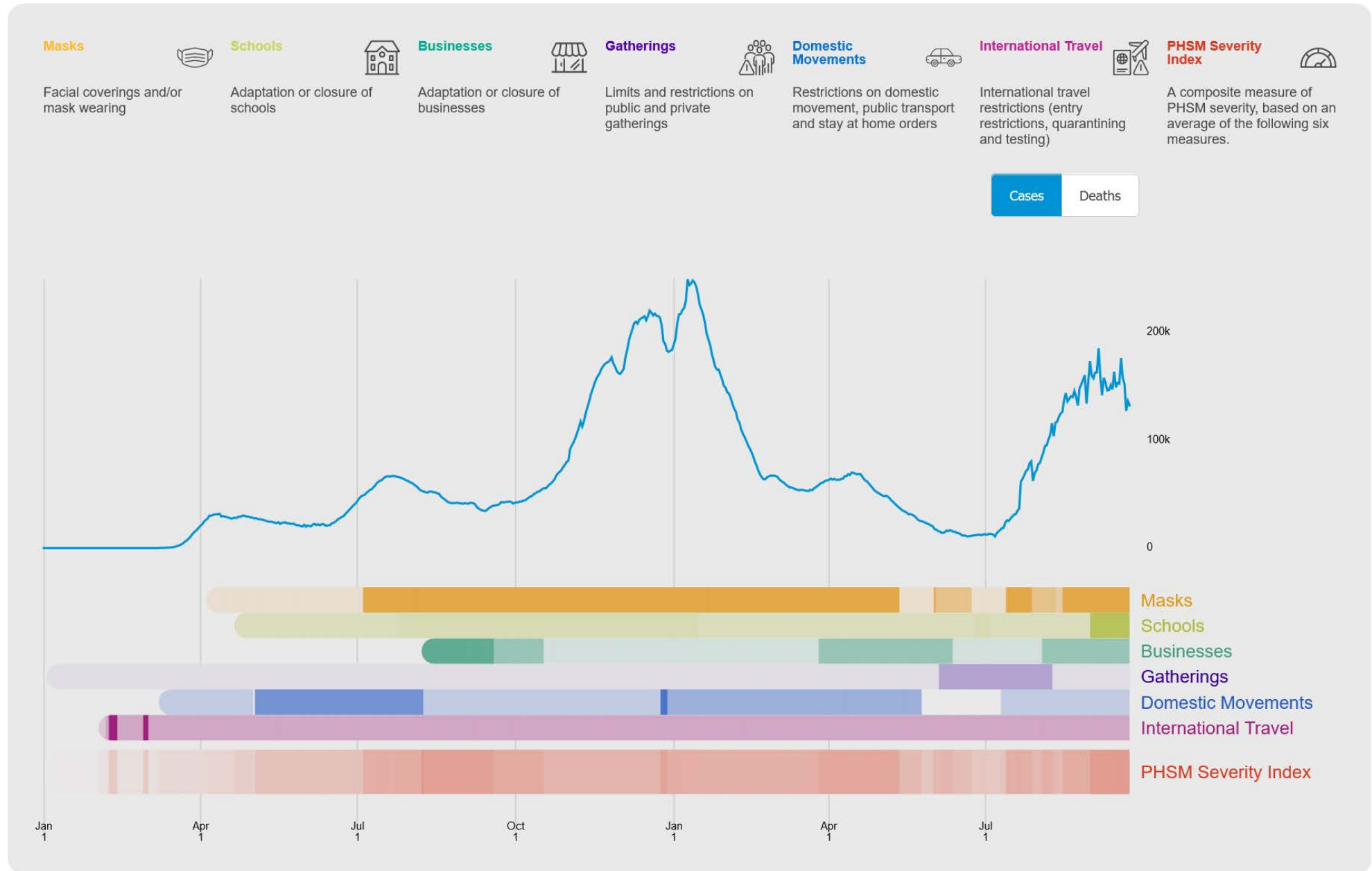
	At Least One Dose	Fully Vaccinated
Total	212,564,346	182,587,334
% of Total Population	64%	55%
Population ≥ 12 Years of Age	212,333,450	182,454,123
% of Population ≥ 12 Years of Age	74.9%	64.3%
Population ≥ 18 Years of Age	198,128,553	170,933,572
% of Population ≥ 18 Years of Age	76.7%	66.2%
Population ≥ 65 Years of Age	51,033,584	45,422,053
% of Population ≥ 65 Years of Age	93.3%	83%

About these data

CDC | Data as of: September 23, 2021 6:00am ET. Posted: Thursday, September 23, 2021 10:30 PM ET

USA - Public health and social measures (PHSM) in use

<https://covid19.who.int/region/amro/country/us/measures>



COVID-19 Community Profile Report 09-23-2021

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

NUMBER OF NEW CASES AND DEATHS IN THE LAST 7 DAYS

Total Cumulative Cases: 42,501,643

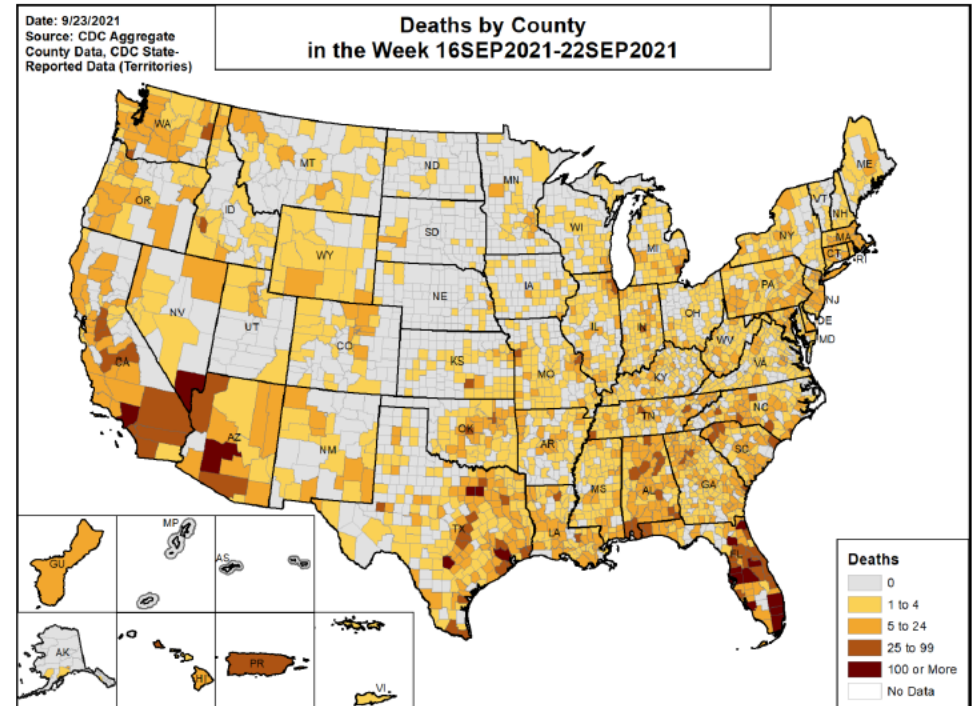
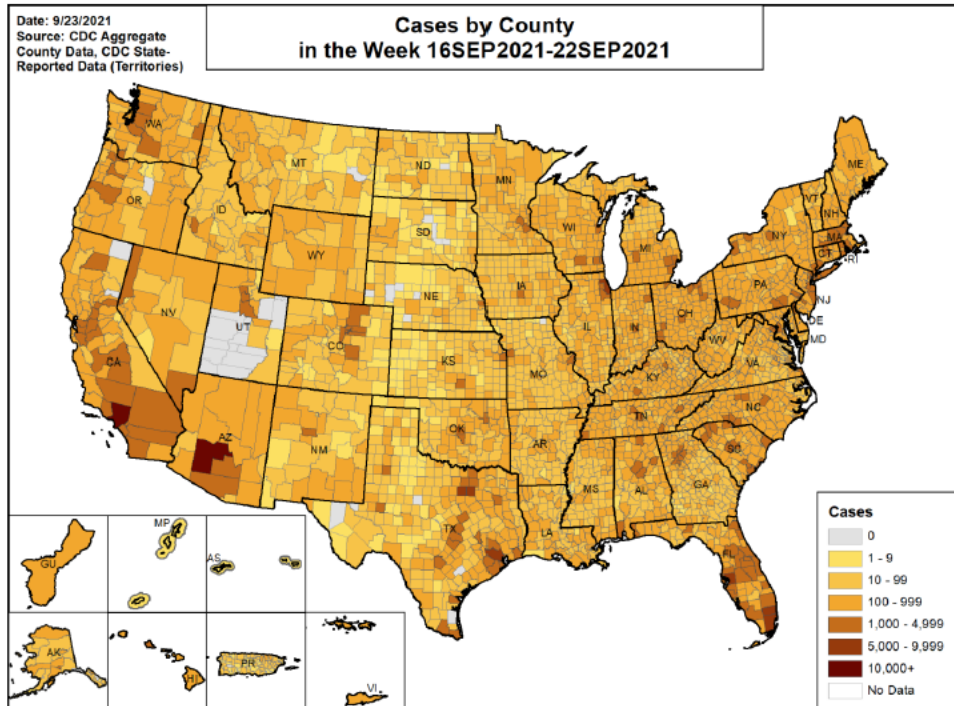
New Cases in Last 7 Days: 850,730

Percent Change from Previous 7 Days: -17.1%

Total Cumulative Deaths: 680,688

New Deaths in Last 7 Days: 10,898

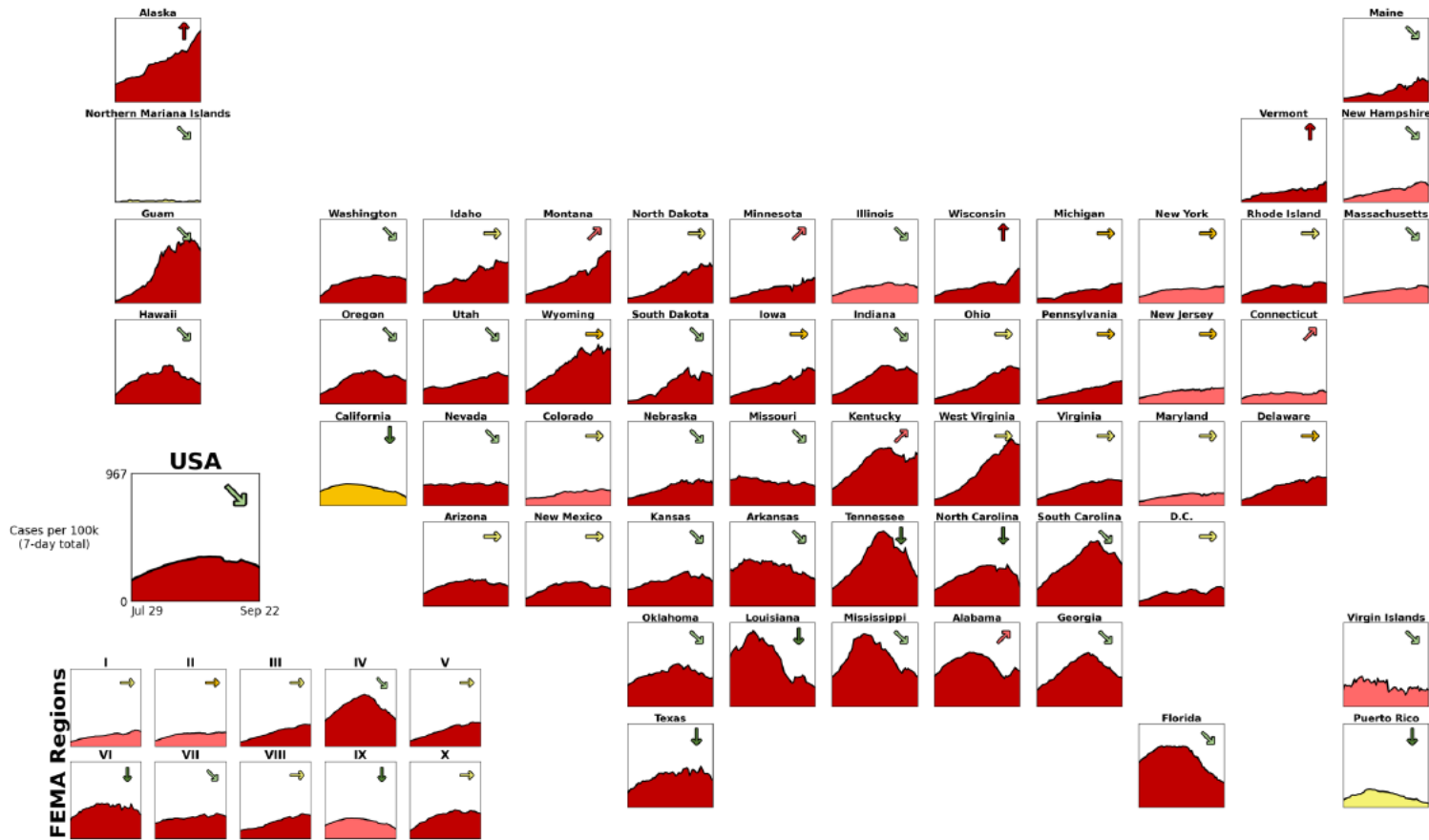
Percent Change from Previous 7 Days: +0.7%



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TRENDS IN CASE INCIDENCE DURING THE LAST 8 WEEKS



Case incidence categories

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



Weekly % change categories

(arrow based on % change in weekly cases)



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

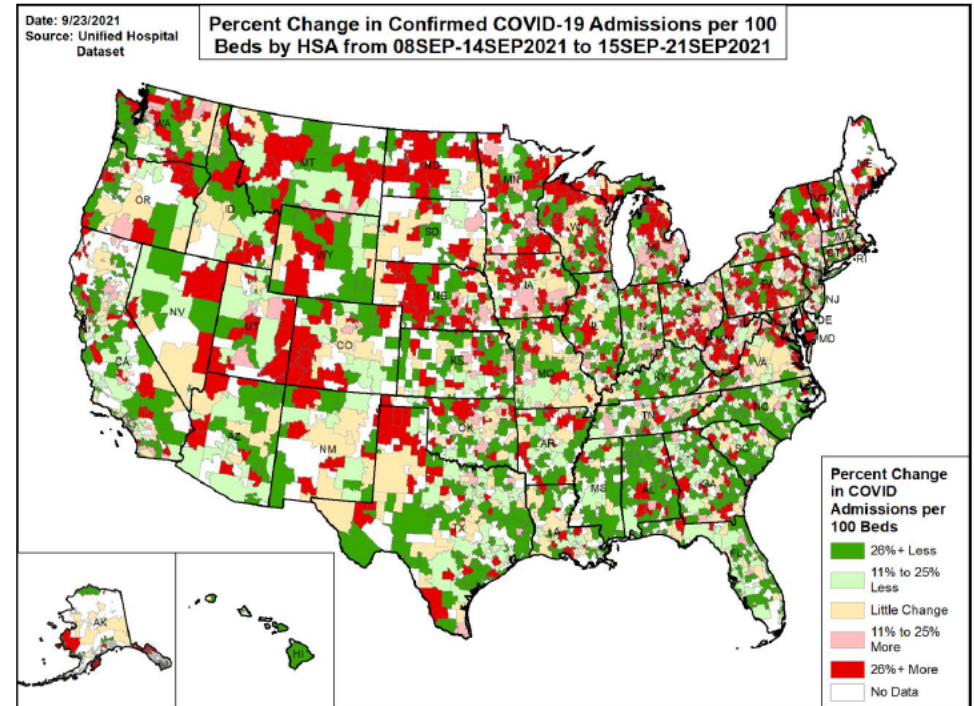
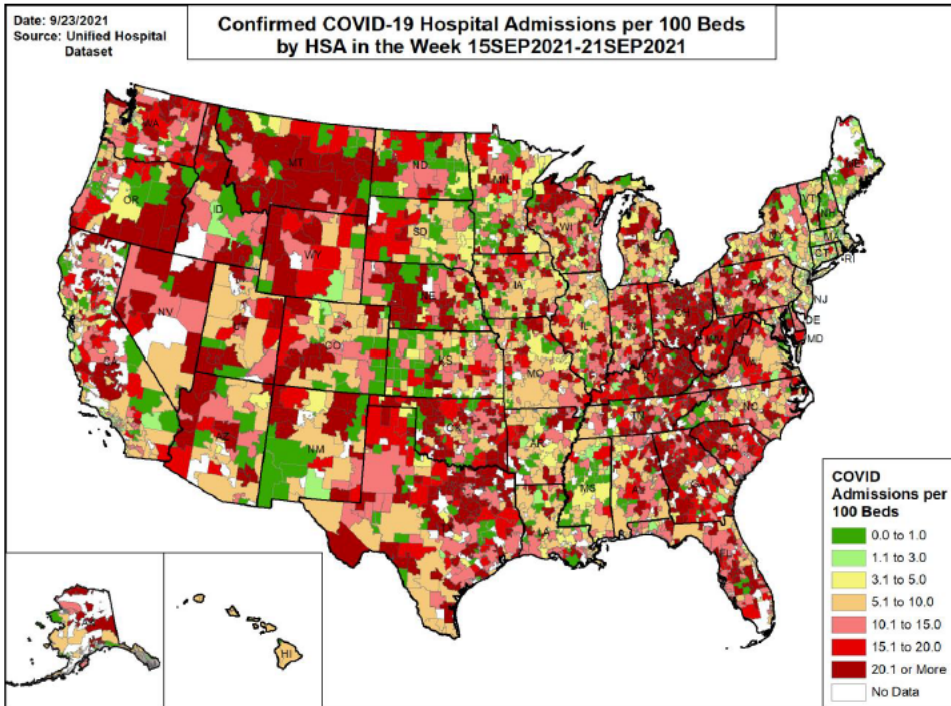
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HOSPITAL ADMISSIONS IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Total Confirmed COVID-19 Hospital Admissions in Last 7 Days:
67,449

Percent Change from Previous 7 Days: -14.4%

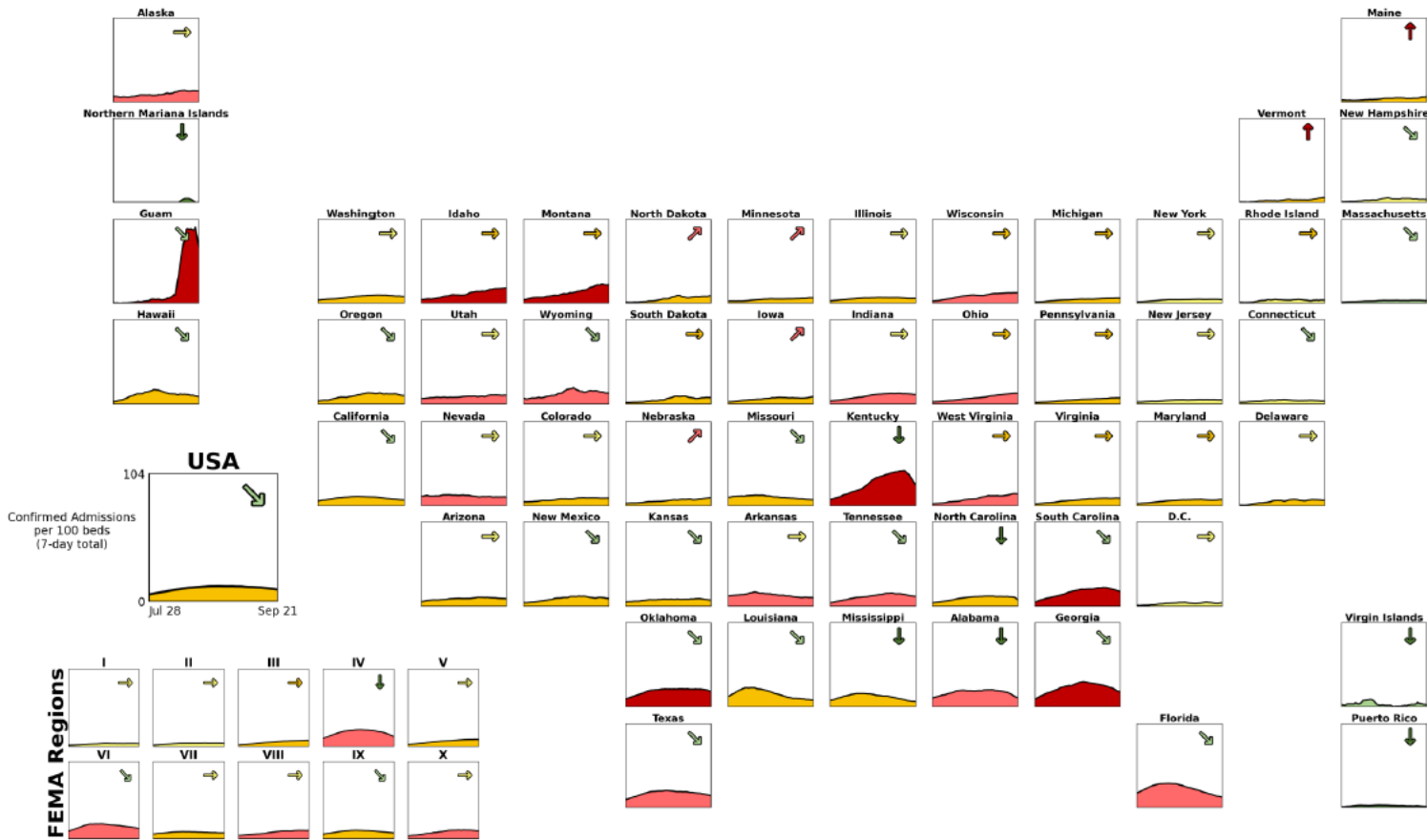


Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Confirmed COVID-19 admissions are all confirmed daily admissions reported within the last 7 days. Denominator of per 100 beds calculation is the sum of average staffed inpatient bed count reported by hospitals within the geographic region and time period. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate.

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



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



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



Figure depicts confirmed hospital admissions per 100 inpatient beds.

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

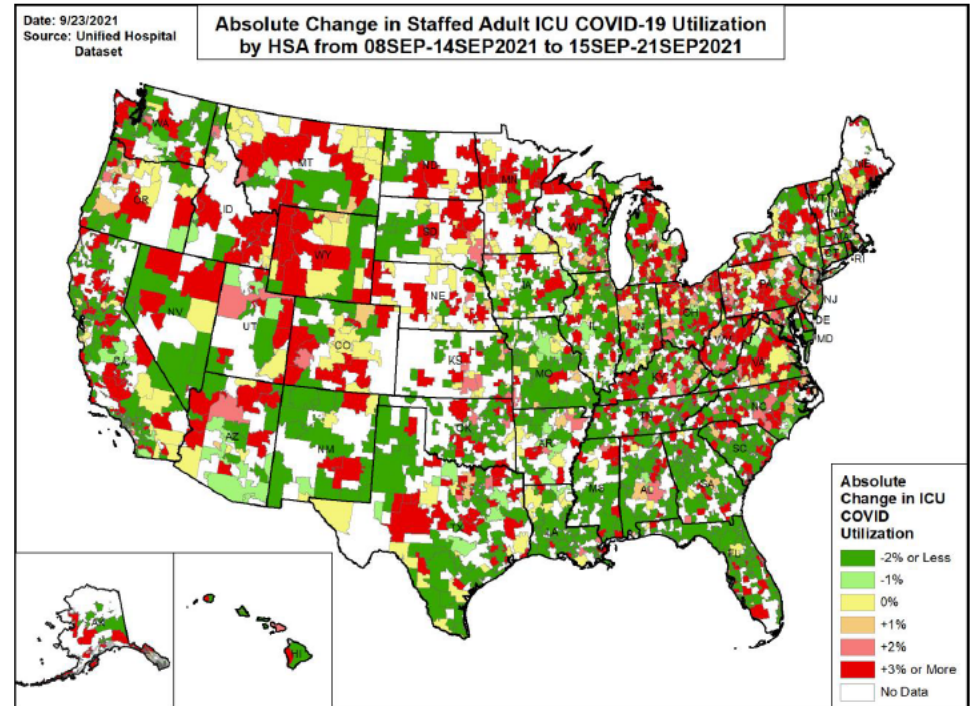
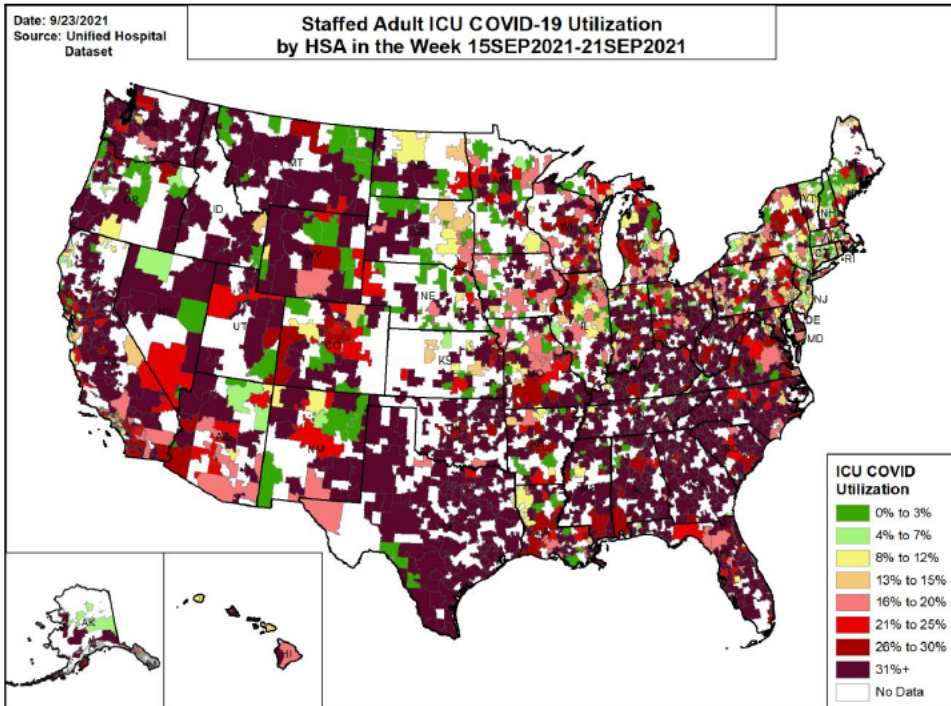
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STAFFED ADULT ICU COVID-19 UTILIZATION IN THE LAST 7 DAYS AND COMPARISON TO THE PREVIOUS 7 DAYS

Average Daily Adult ICU COVID-19 Patients over Last 7 Days:
23,419

Percent Change from Previous 7 Days: -5.1%

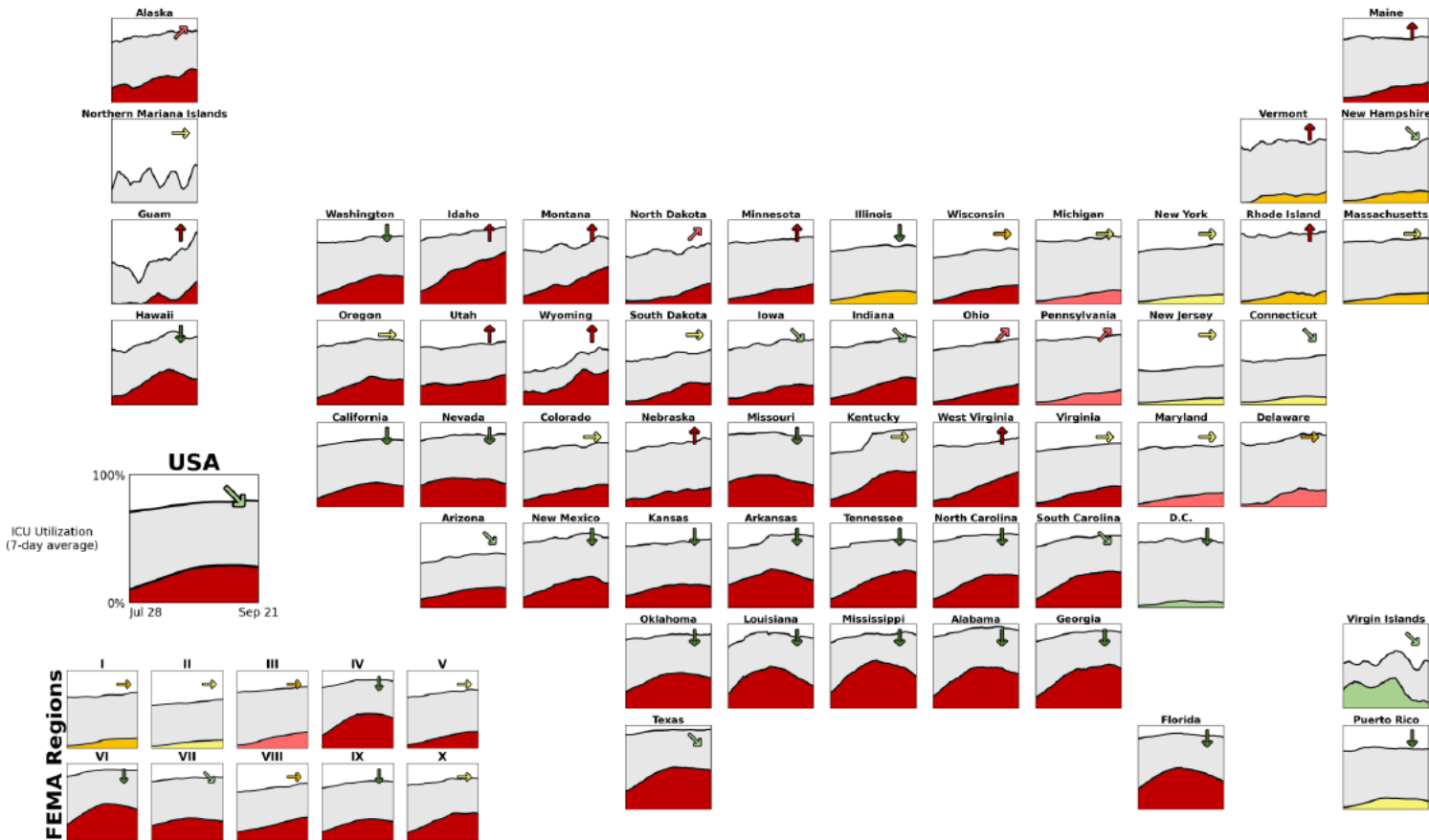


Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Staffed adult ICU COVID-19 utilization indicates average percentage of staffed adult ICU beds occupied by confirmed COVID-19 patients within the given time period. HSA indicates Hospital Service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

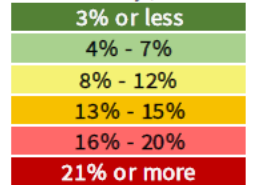
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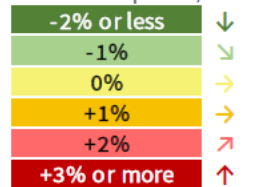
TRENDS IN STAFFED ADULT ICU BED CAPACITY DURING THE LAST 8 WEEKS



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



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



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

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

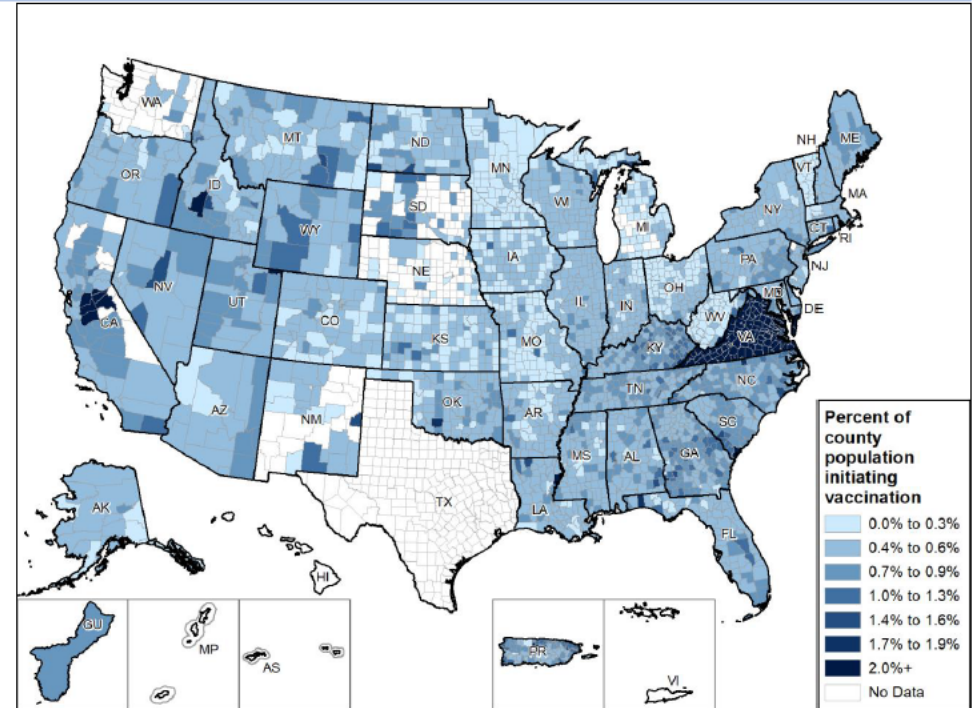
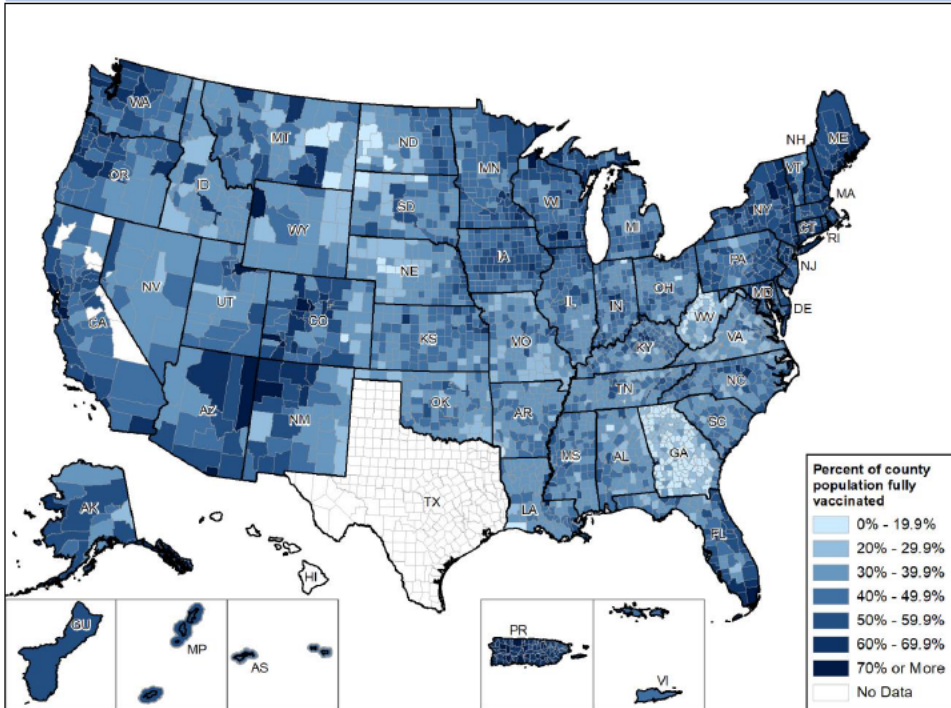
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VACCINATION RATES BY COUNTY

Percent of Population Fully Vaccinated: 55.0%
Percent of Population with at Least 1 Dose: 64.0%

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



Source: Unified COVID-19 Vaccine Dataset. Fully vaccinated indicates those who received the second dose of Pfizer-BioNTech or Moderna vaccines and those who received one dose of J&J/Janssen COVID-19 vaccine. Initiating vaccination indicates those who have received the first dose of the Pfizer-BioNTech or Moderna vaccines and those who have received a dose of the J&J/Janssen vaccine in the last week. Values reflect total by report date, not administered date. In instances where the number of people fully vaccinated is greater than those with at least one dose for a specific county, the county will have "no data" on the map of population initiating vaccination; see COVID Data Tracker for further information. The following states have $\leq 80\%$ completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties and CBSAs: VT (74%), VA (72%), WV (60%), GA (57%), FM (0%), AS (0%), TX (0%), PW (0%), HI (0%), MH (0%), MP (0%)

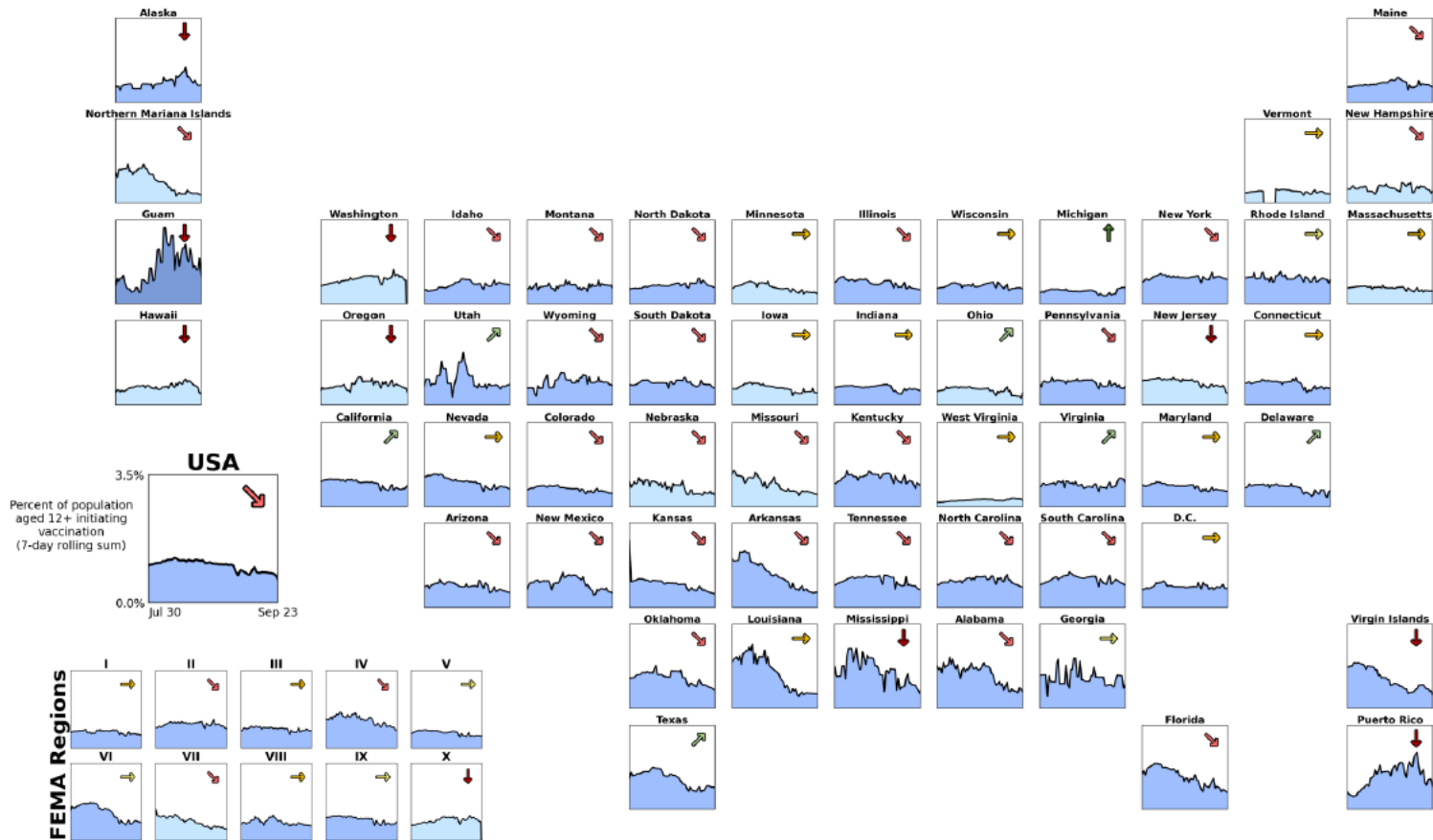
Idaho provides vaccine data only for vaccine recipients who are 18 years and older, in line with state laws. COVID-19 vaccination administration data are unavailable for the Idaho population aged less than 18 years.

On 9/23/2021, Washington state issued a correction to their vaccination data, resulting in negative values for doses administered in the past week. As a result, the past week's COVID-19 vaccination administration data is unavailable for Washington state.

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



Percent of population 12+ initiating vaccination

(based on percent of population in last 7 days)

- +0.5% or less
- +0.6% - +1.0%
- +1.1% - +1.5%
- +1.6% - +2.0%
- +2.1% - +2.5%
- +2.6% - +3.0%
- +3.1% or more

Weekly absolute change categories

(arrow based on absolute change in percent of population)

- 0.26% or less ↓
- 0.25% - -0.11% ↘
- 0.10% - +0.01% →
- +0.02% - +0.10% ↗
- +0.11% - +0.25% ↗
- +0.26% or more ↑

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

Idaho provides vaccine data only for vaccine recipients who are 18 years and older, in line with state laws. COVID-19 vaccination administration data are unavailable for the Idaho population aged less than 18 years. On 9/23/2021, Washington state issued a correction to their vaccination data, resulting in negative values for doses administered in the past week. As a result, the past week's COVID-19 vaccination administration data is unavailable for Washington state.

INITIAL PUBLIC RELEASE // SUBJECT TO CHANGE

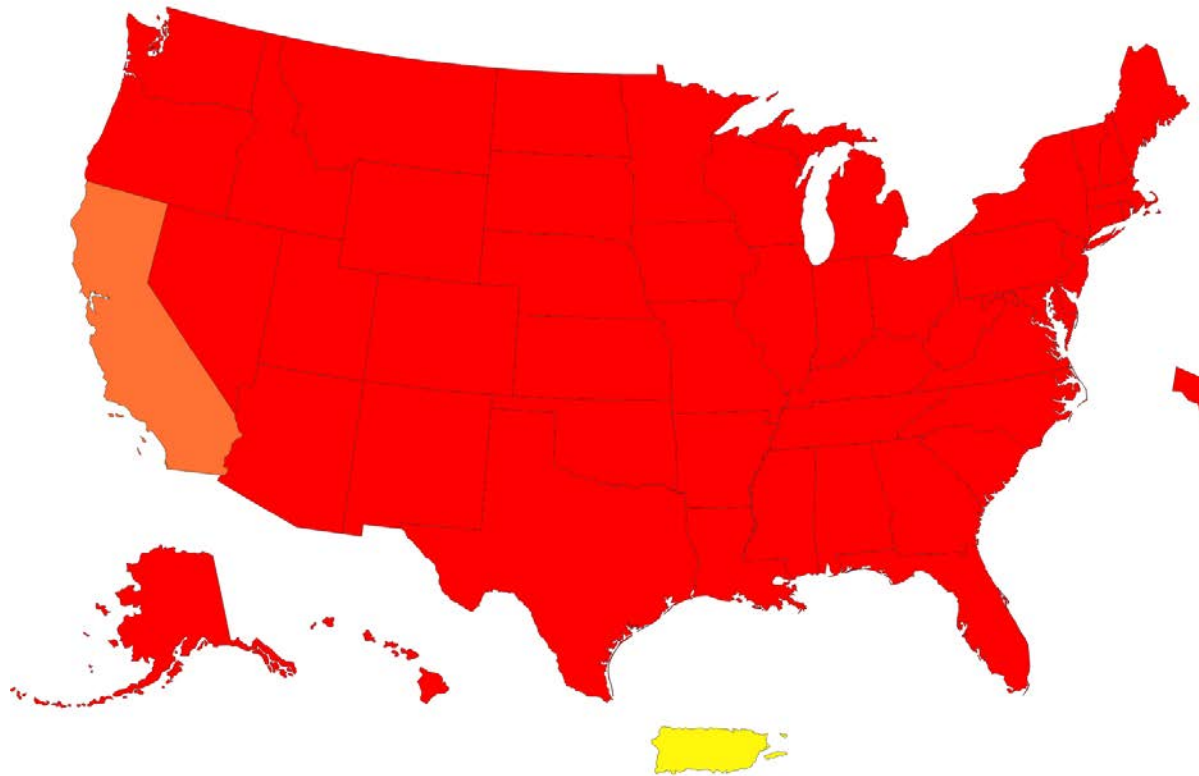


Level of Community Transmission of COVID-19, by State/Territory

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

UNITED STATES LEVEL OF COMMUNITY TRANSMISSION High	7 DAY CASE RATE PER 100,000 256.3	7 DAY PERCENT POSITIVITY 7.56%
CDC Data as of: September 23, 2021 9:36 PM ET. Posted: September 23, 2021 10:30 PM ET		

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



Territories



Level of Community Transmission



Variant Proportions

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

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

HHS Region

USA

Nowcast On

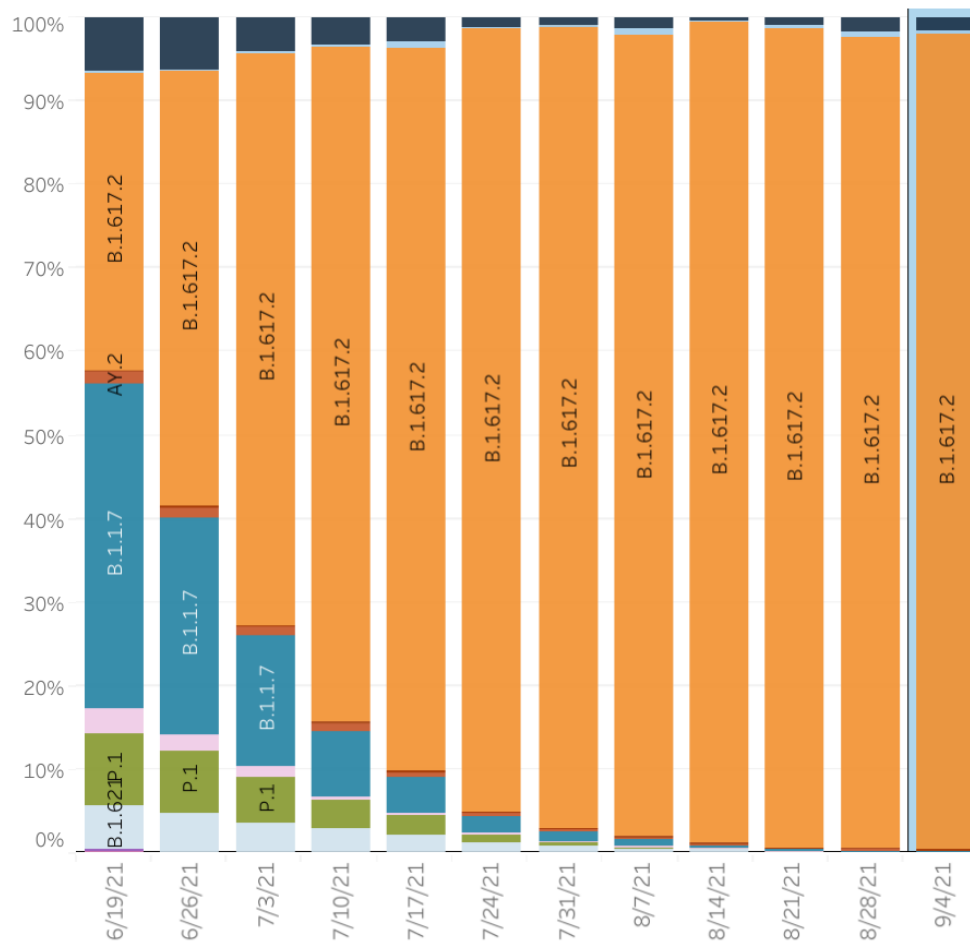
Nowcast Off

Week Ending

9/4/2021

United States: 6/13/2021 – 9/4/2021

United States: 8/29/2021 – 9/4/2021



USA

WHO label Lineage # US Class %Total 95%CI

WHO label	Lineage #	US Class	%Total	95%CI
Alpha	B.1.1.7	VBM	0.1%	0.1-0.3%
Beta	B.1.351 †	VBM	0.0%	NA
Gamma	P.1 †	VBM	0.0%	0.0-0.1%
Delta	B.1.617.2	VOC	97.7%	96.7-98.4%
	AY.2	VOC	0.1%	0.0-0.3%
	AY.1	VOC	0.1%	0.0-0.2%
Eta	B.1.525 †	VBM	0.0%	NA
Iota	B.1.526 †	VBM	0.0%	NA
Kappa	B.1.617.1 †	VBM	0.0%	NA
Mu	B.1.621	VBM	0.1%	0.0-0.2%
N/A	B.1.1.194		0.3%	0.2-0.6%
	B.1.617.3 †	VBM	0.0%	NA
Other	Other*		1.6%	1.1-2.3%

* Enumerated lineages are VOI/VOC/VBM or are circulating >1% in at least one HHS region during at least one two week period. "Other" represents lineages which are circulating <1% nationally during all weeks displayed.

† Fewer than 10 observations of this variant during the selected time/location context

Sublineages of P.1, B.1.351 and B.1.621 are aggregated with the parent lineage and included in parent lineage's proportion. Q.1-Q.8 are aggregated with B.1.1.7. AY.3-AY.25 and their sublineages are aggregated with B.1.617.2.

Unweighted Proportions of Variants of Concern and Other Lineages by State or Jurisdiction

State	B.1.1.7	B.1.351	P.1	B.1.617.2	AY.1	AY.2	B.1.526	B.1.617.1	B.1.621	Other	Total Available Sequences
Alabama	0.65%		0.29%	94.69%	0.12%	0.04%			0.04%	4.16%	2,449
Arizona	0.25%		0.51%	95.66%	0.10%	0.30%			0.15%	2.93%	1,980
Arkansas			0.14%	96.97%		0.43%			0.29%	2.16%	693
California	0.21%		0.27%	96.75%	0.60%	0.64%	0.00%	0.00%	0.27%	1.23%	32,509
Colorado	0.26%	0.13%	0.10%	97.87%	0.13%	0.20%			0.29%	0.95%	3,051
Connecticut	0.24%		0.12%	97.94%		0.12%			0.36%	1.21%	827
Delaware				98.55%	0.21%				0.62%	0.62%	484
District of Columbia				99.21%	0.20%					0.59%	507
Florida	0.55%		0.44%	93.21%	0.01%	0.08%	0.02%		0.59%	5.10%	13,307
Georgia	0.18%		0.18%	96.86%	0.01%	0.10%			0.29%	2.37%	7,259
Idaho	0.15%			98.46%					0.31%	1.08%	649
Illinois	0.18%		0.09%	95.34%	0.09%	0.22%			0.26%	3.78%	2,273
Indiana	0.46%		0.09%	95.78%						3.67%	1,091
Iowa	0.29%			94.43%	0.29%					4.99%	341
Kansas				97.57%		0.15%			0.15%	2.13%	658
Kentucky	0.36%		0.12%	97.17%	0.06%	0.36%			0.12%	1.81%	1,662
Louisiana	1.81%		0.07%	92.26%						5.86%	1,383
Maryland	0.28%		0.22%	97.48%	0.06%	0.11%			0.34%	1.45%	1,789
Massachusetts	0.04%		0.30%	98.11%	0.12%	0.09%			0.33%	0.97%	9,143
Michigan			0.17%	95.91%		0.34%			0.17%	3.41%	587
Minnesota			0.07%	98.66%		0.05%	0.02%		0.02%	1.17%	4,117
Mississippi	0.10%		0.21%	96.27%			0.10%			3.32%	965
Missouri	0.07%		0.15%	95.52%		0.07%			0.07%	4.11%	1,338
Nebraska				98.45%						1.55%	322
Nevada	0.14%		0.07%	97.26%	0.14%	0.62%				1.78%	1,462
New Hampshire				98.62%						1.38%	363
New Jersey	0.06%		0.06%	97.69%	0.09%	0.09%			0.72%	1.25%	3,199
New Mexico	0.34%			97.74%						1.92%	886
New York	0.14%		0.25%	97.71%	0.41%	0.08%			0.52%	0.80%	3,622
North Carolina	0.25%		0.16%	97.26%	0.01%	0.03%	0.06%		0.21%	1.99%	6,689
Ohio			0.12%	97.51%			0.06%		0.12%	2.19%	1,644
Oklahoma				92.18%						7.62%	499
Oregon	0.87%		0.58%	96.36%	0.22%	0.36%	0.07%		0.29%	1.24%	1,374
Pennsylvania	0.24%		0.12%	98.61%			0.12%		0.06%	0.84%	1,658
Rhode Island			0.82%	97.42%					0.10%	1.65%	970
South Carolina	0.31%			96.62%		0.09%			0.18%	2.81%	2,276
Tennessee	0.33%		0.08%	94.59%	0.05%	0.11%			0.19%	4.64%	3,661
Texas	0.41%	0.01%	0.35%	93.93%	0.05%	0.12%			0.32%	4.73%	10,368
Utah			0.15%	95.71%		0.59%			0.59%	2.96%	676
Vermont	0.17%		0.08%	99.58%					0.08%		1,191
Virginia	0.27%		0.18%	98.40%	0.14%	0.27%	0.05%		0.05%	0.64%	2,188
Washington	0.31%		0.20%	98.68%	0.09%	0.16%	0.02%		0.31%	0.22%	4,462
West Virginia	0.10%		0.41%	97.82%		0.21%			0.10%	1.35%	965
Wisconsin	0.07%		0.07%	97.54%					0.30%	2.01%	1,342

Variant proportions are based on representative CDC sequence data (NS3 + CDC-funded contract sequencing) collected over a 4-week period ending August 28, 2021 for states with at least 300 sequences.

Updated Sep. 21, 2021

COVID-19 By the Numbers as of 09-20-2021













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

COVID-19 RESPONSE BY THE NUMBERS

As of September 20, 2021



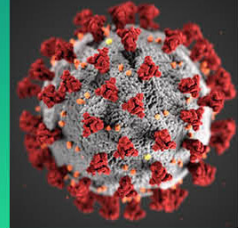
Accessible www.cdc.gov/coronavirus/2019-ncov/cdcresponse/by-the-numbers.html

	9,679	CDC personnel supporting the outbreak response		48.8+ million	Times people have used CDC's online Coronavirus Self-Checker
	1,809	CDC deployers who have conducted 4,007 deployments to 337 cities across the United States and abroad		1.3+ million	Calls and emails to CDC-INFO
	345	COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)		3.3+ billion	Times people have looked for information on CDC websites
	8,816	Documents providing information and guidance for government agencies, businesses, and the public		4.1+ billion	Social media impressions on 16,306 CDC response-related posts
	559+ million	COVID-19 tests conducted by public and private laboratories in the United States		85,000+	Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC
	212+ million	People who have received at least one dose of a COVID-19 vaccine		181+ million	People who have been fully vaccinated with a COVID-19 vaccine

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: September 17, 2021 Edition 105](#)

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

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

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

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

[COVID-19 Science Update released: July 30, 2021 Edition 100](#)

[COVID-19 Science Update released: July 23, 2021 Edition 99](#)

[COVID-19 Science Update released: July 16, 2021 Edition 98](#)

[COVID-19 Science Update released: July 9, 2021 Edition 97](#)

[COVID-19 Science Update released: July 2, 2021 Edition 96](#)

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

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

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

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

[COVID-19 Science Update released: May 28, 2021 Edition 91](#)

CDC What's New & Updated

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

- [9/24/21 Studies Show More COVID-19 Cases in Areas Without School Masking Policies](#)
- [9/24/21 EARLY RELEASE: Pediatric COVID-19 Cases in Counties With and Without School Mask Requirements — United States, July 1–September 4, 2021](#)
- [9/24/21 EARLY RELEASE: COVID-19–Related School Closures and Learning Modality Changes — United States, August 1–September 17, 2021](#)
- [9/24/21 EARLY RELEASE: Association Between K–12 School Mask Policies and School-Associated COVID-19 Outbreaks — Maricopa and Pima Counties, Arizona, July–August 2021](#)
- [9/24/21 CDC Statement on ACIP Booster Recommendations](#)
- [9/24/21 COVID Data Tracker Recent Updates - 2021-09-23 - New bivariate map on the Vaccination Equity tab displays vaccination coverage by metro/non-metro status, by county](#)
- [9/24/21 COVID Data Tracker Recent Updates - 2021-09-23 - The Vaccination Among Pregnant People tab now shows the percent of people fully vaccinated prior to and during pregnancy, over time and by race/ethnicity](#)
- [9/24/21 COVID Data Tracker Recent Updates - 2021-09-23 - State-level metrics and links to new county datasets available on data.cdc.gov have been added to the County View tab](#)
- [9/23/21 What Tribal Communities Need to Know About COVID-19 Vaccines](#)
- [9/23/21 Frequently Asked Questions about COVID-19 Vaccination](#)
- [9/23/21 COVID Data Tracker Weekly Review](#)
- [9/23/21 Cases in the U.S.](#)
- [9/23/21 Decreased Incidence of Infections Caused by Pathogens Transmitted Commonly Through Food During the COVID-19 Pandemic — Foodborne Diseases Active Surveillance Network, 10 U.S. Sites, 2017–2020](#)
- [9/23/21 Increasing Access to HIV Testing Through Direct-to-Consumer HIV Self-Test Distribution — United States, March 31, 2020–March 30, 2021](#)
- [9/23/21 Outbreak of SARS-CoV-2 B.1.617.2 \(Delta\) Variant Infections Among Incarcerated Persons in a Federal Prison — Texas, July–August 2021](#)
- [9/23/21 Use of Pfizer-BioNTech COVID-19 Vaccine in Persons Aged ≥16 Years: Recommendations of the Advisory Committee on Immunization Practices — United States, September 2021](#)
- [9/23/21 Comparative Effectiveness of Moderna, Pfizer-BioNTech, and Janssen \(Johnson & Johnson\) Vaccines in Preventing COVID-19 Hospitalizations Among Adults Without Immunocompromising Conditions — United States, March–August 2021](#)
- [9/23/21 Overall US COVID-19 Vaccine Distribution and Administration Update as of Thu, 23 Sep 2021 06:00:00 EST](#)
- [9/22/21 ACIP Presentation Slides: Sept 22-23, 2021 Meeting](#)
- [9/22/21 Publications](#)
- [9/22/21 COVIDVaxView Data Sources](#)
- [9/22/21 COVIDVaxView](#)
- [9/22/21 COVID-19 Vaccination Coverage and Vaccine Confidence](#)
- [9/22/21 Contact Tracing Resources for Health Departments](#)

CDC Guidance

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

[Operational Considerations for Adapting a Contact Tracing Program to Respond to the COVID-19 Pandemic in non-US Settings](#)

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

Date: 9/21/21

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

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

Date: 9/20/21

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

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

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

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

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

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

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

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

[Using Antibody Tests for COVID-19](#)

CDC has developed interim guidance for how healthcare providers, laboratories, and public health staff should use antibody tests. This guidance also has advice useful for people taking antibody tests, employers, healthcare workers, and people operating group residential facilities. Date: 9/9/21

[Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 \(COVID-19\) Pandemic](#)

Use this guidance to prevent infection among patients suspected to have COVID-19 in healthcare settings. Date: 9/9/21

California Takes Action to Combat COVID-19

<https://www.gov.ca.gov/california-takes-action-to-combat-covid-19/>



State Data

<https://covid19.ca.gov/>
<https://update.covid19.ca.gov/#top>
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/ncov2019.aspx#>
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/CovidDataAndTools.aspx>

Safely reopening California

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

Blueprint for a Safer Economy – COVID-19 and Equity

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

California Healthy Places Index

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

Safe Schools for All

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

CDPH

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

CDPH Statewide Guidance

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



Office of Governor
GAVIN NEWSOM

Press Releases, Executive Orders, Media Advisories,
Proclamations, and “On the Record” Column
<https://www.gov.ca.gov/newsroom/>

Data models

<https://covid19.ca.gov/data-and-tools/>

Cal/OSHA

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

Vaccines

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

News Releases

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

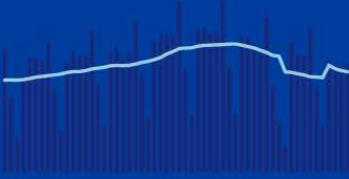
As of September 24, California has confirmed a total of 4,448,666 COVID-19 cases and 68,087 deaths.

VACCINES ADMINISTERED

48,899,173 total

74,300 daily avg

77.9% of population vaccinated



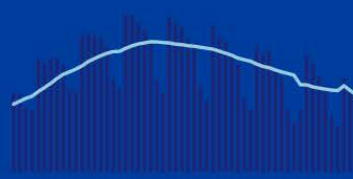
Past 8 weeks

CASES

4,448,666 total

7,925 daily avg

18.7 new cases (per 100k)



Past 8 weeks

DEATHS

68,087 total

100 daily avg

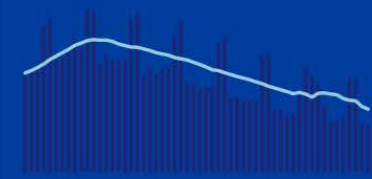
0.2 new deaths (per 100k)



Past 8 weeks

TESTS


3.2% test positivity





Past 8 weeks

Statewide

23,678,300 (69.8%) *People fully vaccinated*
2,768,022 (8.2%) *People partially vaccinated*

 **48,899,173 (86.2%)** *Doses administered*
70,129 *Average doses per day*

 **6,031,113** *Doses on hand*
(86 days of inventory)

 **56,718,515** *Doses Delivered*
19,592,830 *CDC Pharmacy Doses Delivered*

See [Data Dictionary](#) for Details.

Doses Administered by County of Residence

County

Los Angeles	12,563,735
San Diego	4,394,993
Orange	4,058,261
Santa Clara	2,879,215
Riverside	2,533,965
Alameda	2,321,018
San Bernardino	2,108,567
Sacramento	1,785,989
Contra Costa	1,645,988
San Francisco	1,315,116
San Mateo	1,129,015
Ventura	1,069,377
Fresno	1,021,662
San Joaquin	796,403
Kern	783,173
Sonoma	686,539
Stanislaus	543,479
Santa Barbara	540,306
Monterey	531,520
Solano	521,897



Data: 9/23/2021 11:59pm | Posted: 9/24/2021

Post-Vaccine COVID-19 Cases

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

What Is a Post-Vaccination COVID-19 Case?

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

How Are Post-Vaccination COVID-19 Cases Identified?

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

Why are we Tracking Post-Vaccination Cases?

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

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

For the week of September 5-September 11, the average daily COVID-19 case rate among unvaccinated Californians age 16 or older is 62.83 per 100,000 and the average daily COVID-19 case rate among fully vaccinated Californians age 16 or older is much lower at 7.95 per 100,000.

Between January 01, 2021 and September 19, 2021 in California:

- Out of over 23.5 million fully vaccinated individuals, 159,253 post-vaccination cases (0.7%) have been identified.
- At least 4,252 individuals identified as post-vaccination COVID-19 cases were hospitalized. However, it is important to note that approximately 65% of cases have missing hospitalization data. It is also important to note that a post-vaccine case may have been hospitalized for a condition unrelated to COVID-19 reason but were tested for COVID-19 upon admission.
- Among post-vaccination cases identified, at least 622 people have died. However, it is unknown if the primary cause of death in these cases was COVID-19 or if there were other contributory or alternate causes.



Riverside County Data

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

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

Total Tests 4,054,834	Confirmed 351,034*	Currently Hospitalized 425 Includes 120 in ICU	Deaths 4,933*	Recovered 340,282*
Case Rate / 100k 23.6 (7-Day Avg & 7-Day Lag)	Positivity 6.8% (7-Day Avg & 7-Day Lag)		COVID-19 Data for Zip Codes and Communities here	

RUHS Public Health News:

- Health officials confirm death of 4-year-old is COVID-19 related [English](#) / [Spanish](#)
- [Black barbershops, salons in RivCo join the fight against vaccine hesitancy](#)
- Additional vaccine available for individuals in Riverside County with immunocompromised health [English](#) / [Spanish](#) - August 19, 2021
- COVID-19 vaccine clinics closing in Hemet, Desert Hot Springs, Moreno Valley and Perris [English](#) / [Spanish](#) - August 12, 2021
- Vaccine clinics closing in Riverside and Lake Elsinore as health officials continue focus on mobile teams [English](#) / [Spanish](#) - July 30, 2021

COVID-19 Vaccine

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

RUHS Public Health:

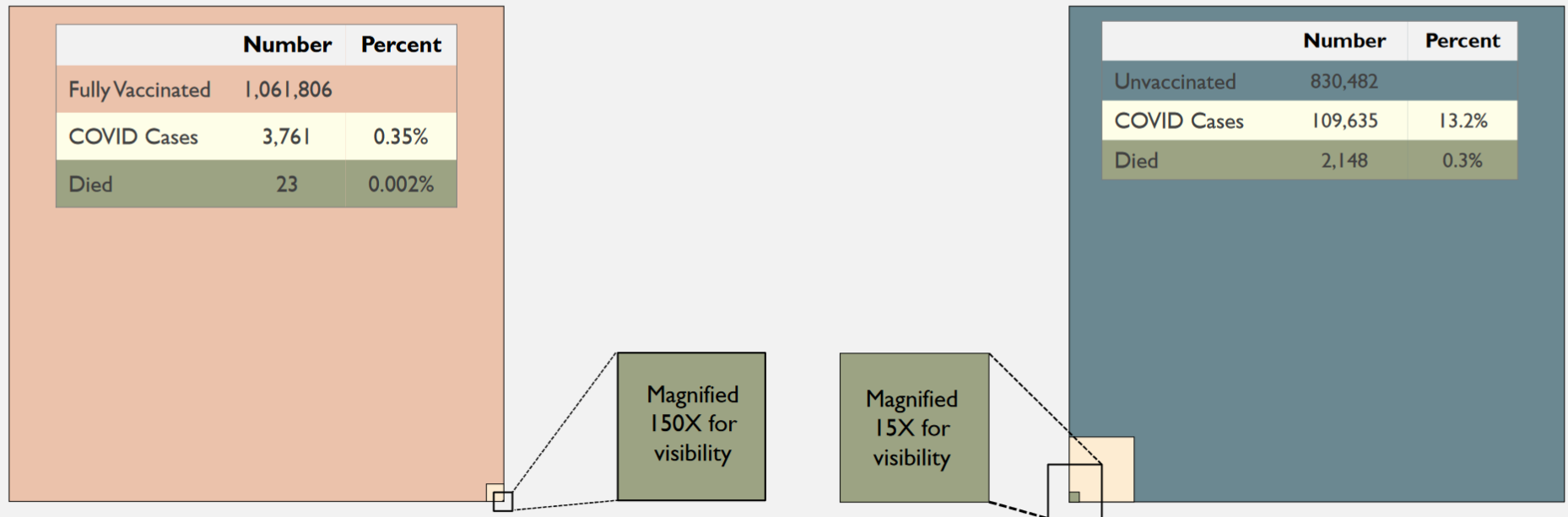
- [Pfizer Covid Vaccine Updated EUA – August 23, 2021](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine \(Vaccination Providers\) Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) – August 23, 2021](#)
- [Fact Sheet for Recipients and Caregivers Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) in Individuals 12 Years of Age and Older – August 23, 2021](#)
- [Moderna covid Vaccine Updated Emergency Use Authorization \(EUA\) for Providers and Recipients – August 18, 2021](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine \(Vaccination Providers\) Emergency Use Authorization \(EUA\) of the Moderna Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) – August 18, 2021](#)
- [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 – August 18, 2021](#)
- [Pfizer Covid Vaccine Updated EUA – August 18, 2021](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine \(Vaccination Providers\) Emergency Use Authorization \(EUA\) of the Pfizer-Biontech Covid-19 Vaccine to Prevent Coronavirus Disease 2019 \(Covid-19\) – August 18, 2021](#)

COVID Epidemiology Status Report Riverside University Health System Public Health - Epidemiology
Wednesday, August 19, 2021

<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/Condensed%20EPE%20Report.pdf?x=1632502211890>

COVID AMONG FULLY VACCINATED VS. UNVACCINATED PEOPLE 12+ IN RIVERSIDE COUNTY

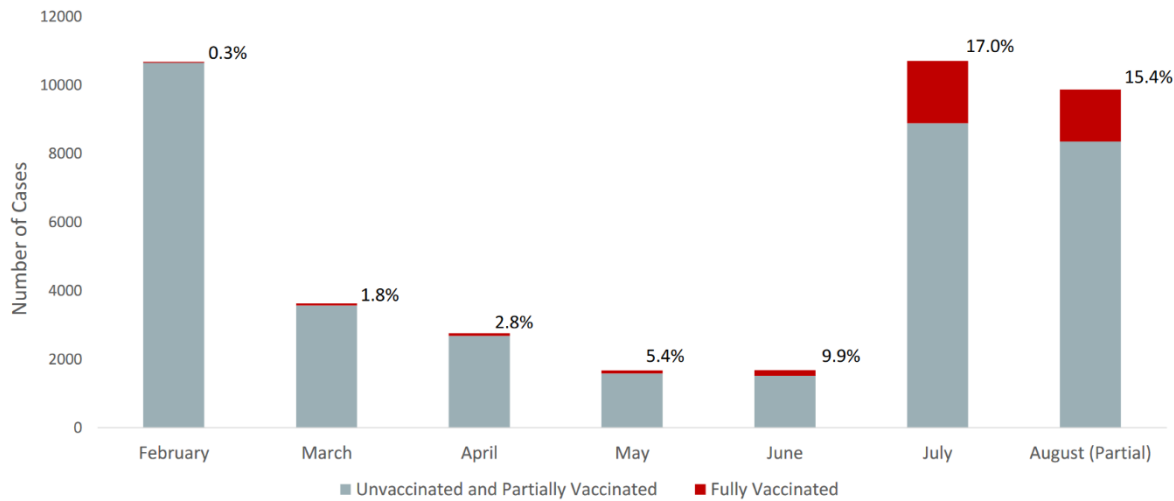
Unvaccinated individuals are **37 times** more likely to get COVID than those who are fully vaccinated.
Unvaccinated individuals are **120 times** more likely to die from COVID than those who are fully vaccinated.



Source: CalREDIE & Snowflake Data
 Data accessed: 08/17/2021

COVID-19 CASES, AMONG RIVERSIDE RESIDENTS 12+ BY MONTH AND VACCINATION STATUS, FEB-AUG 2021

As the fully vaccinated rate increases, it is expected that the percent of post-vaccination cases will increase.



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

VACCINATION STATUS BY AGE GROUP 0-17 YEARS RIVERSIDE COUNTY AUGUST 2021

COVID Cases by Vaccination Status 0-17 years						
Month	0-5 Unvaccinated	6-11 Unvaccinated	12-17 Unvaccinated	12-17 Fully Vaccinated	Total 0-17 Unvaccinated	Total 0-17 Fully Vaccinated
January	2431	3405	4065	0	9901	0
February	424	552	699	0	1675	0
March	145	163	232	0	540	0
April	119	168	177	0	464	0
May	68	74	125	0	267	0
June	54	86	124	1	264	1
July	388	614	884	33	1886	33
August	408	783	1042	26	2233	26
Total	4037	5845	7348	60	17230	60



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

Source: CalREDIE
Data Accessed: 8/17/2021

RIVERSIDE COUNTY DAILY COVID-19 REPORT

<https://www.rivcoph.org/Portals/0/Documents/CoronaVirus/Reports/DailyEpidemiologySummary.pdf?x=1632502211890>



Sep 22, 2021

RIVERSIDE COUNTY COVID-19 CASES

TOTAL CASES

351,034

NEW REPORTED CASES

576

TOTAL DEATHS

4,933

NEW DEATHS

12

TOTAL RECOVERED

340,282

PROBABLE CASES*

15,058

CURRENT HOSPITALIZED
(includes ICU)

434

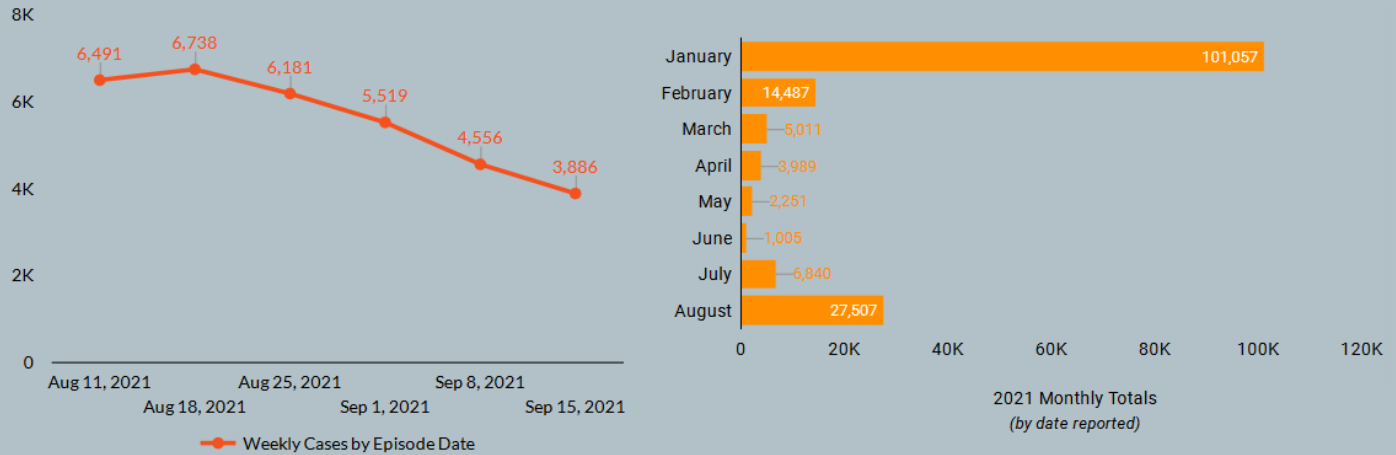
CURRENT ICU

125

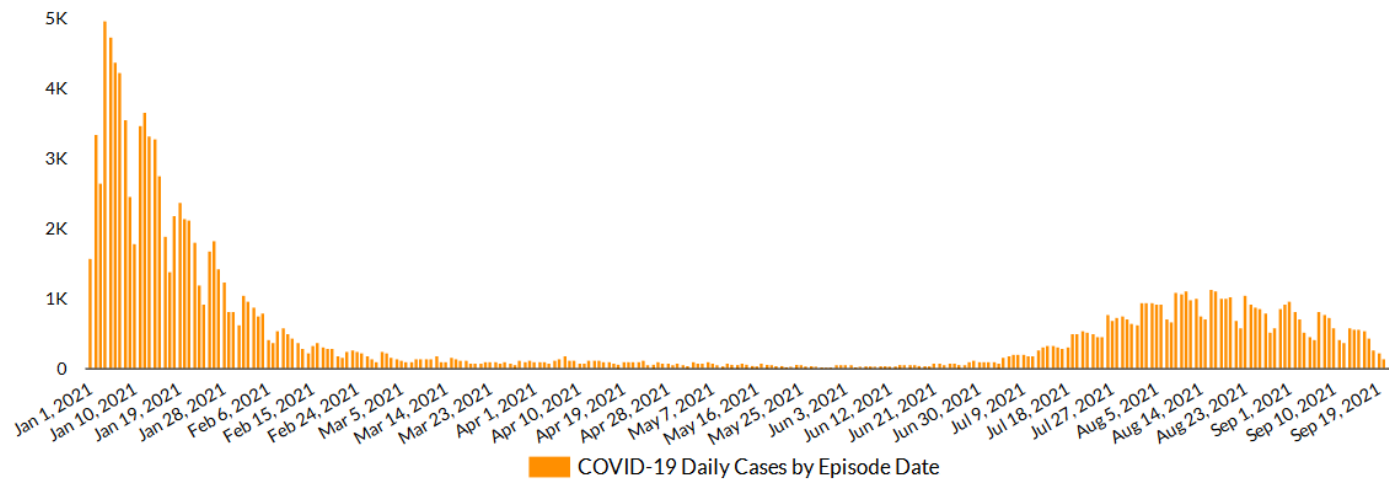
DOUBLING TIME

267.0

Recent COVID-19 in Riverside County

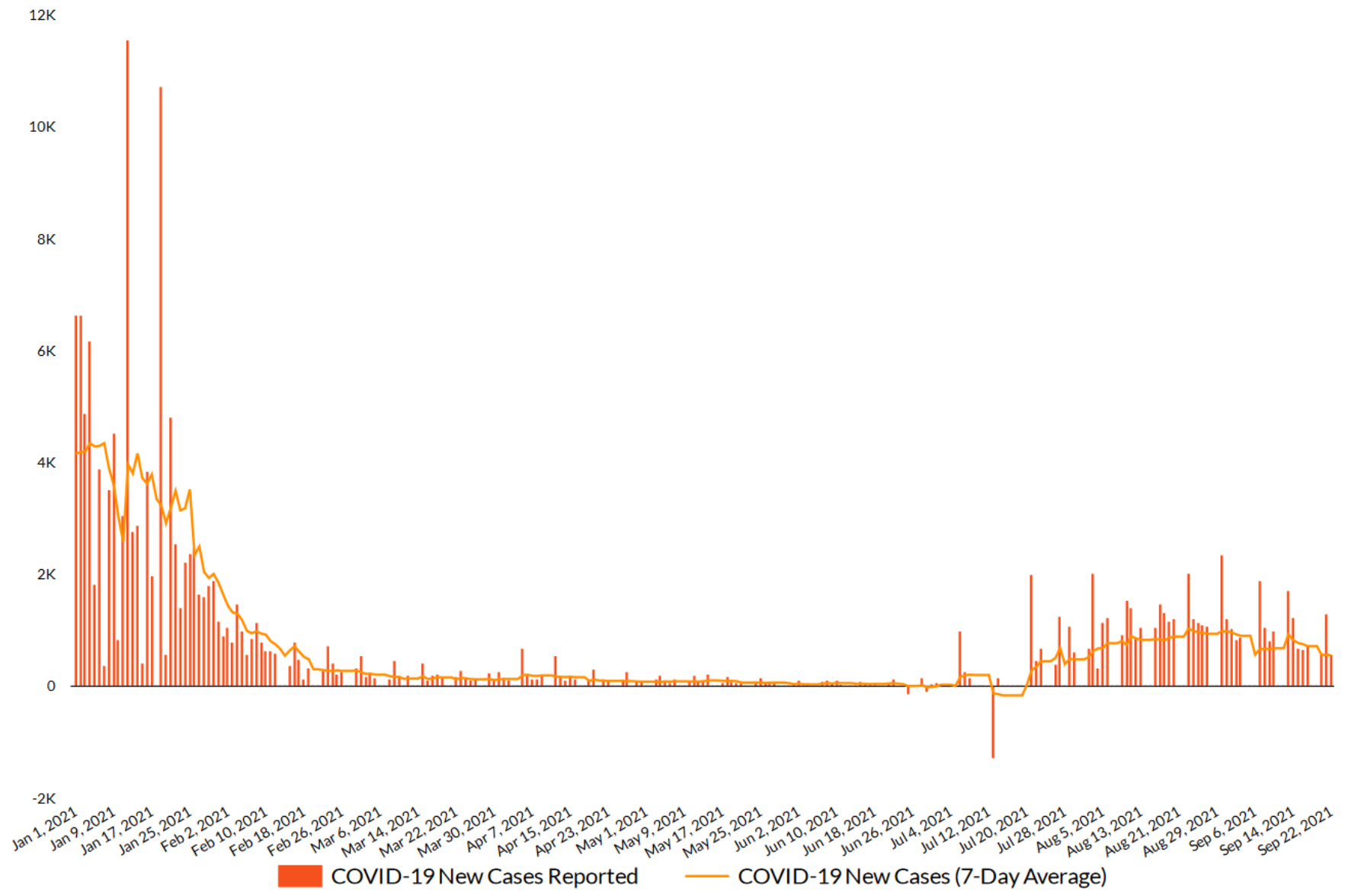


Cumulative COVID-19 Cases in Riverside County



RIVERSIDE COUNTY NEW REPORTED COVID-19 CASES IN 2021 DAILY REPORT

Sep 22, 2021

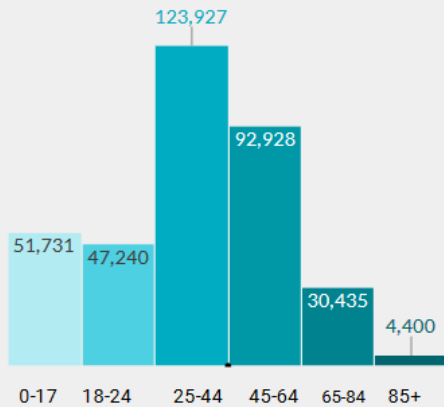


RIVERSIDE COUNTY COVID-19 TOTAL CASE & DEATH DEMOGRAPHICS (COUNTS)

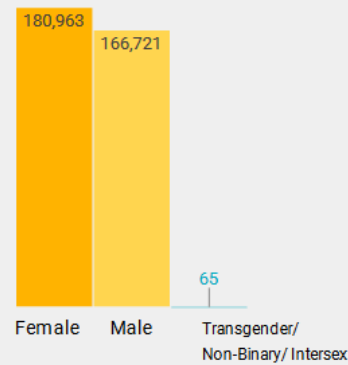


COVID-19 TOTAL CASE COUNT

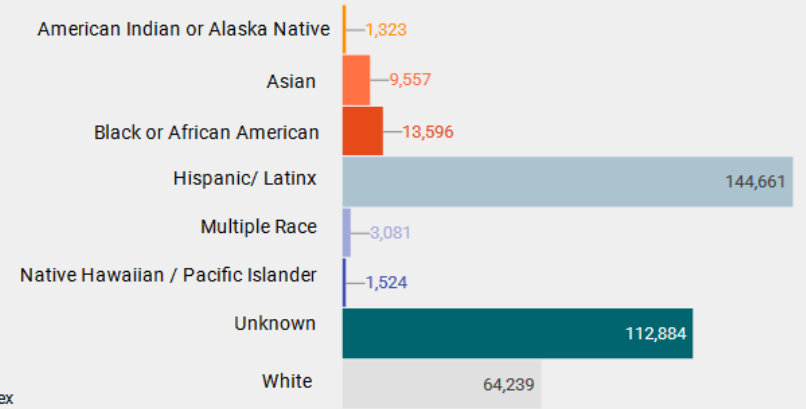
COVID-19 Cases by Age Group



COVID-19 Cases by Sex

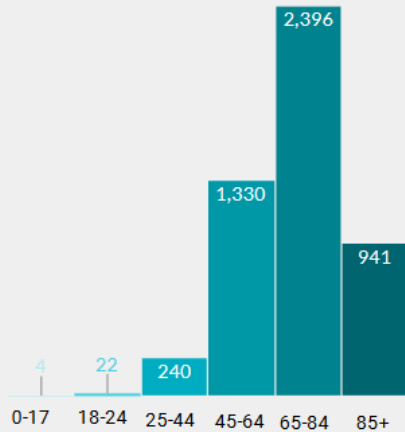


COVID-19 Cases by Race/Ethnicity

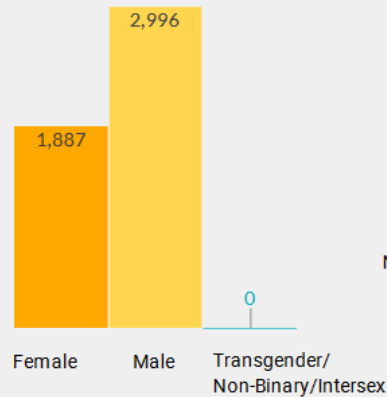


COVID-19 TOTAL DEATH COUNT

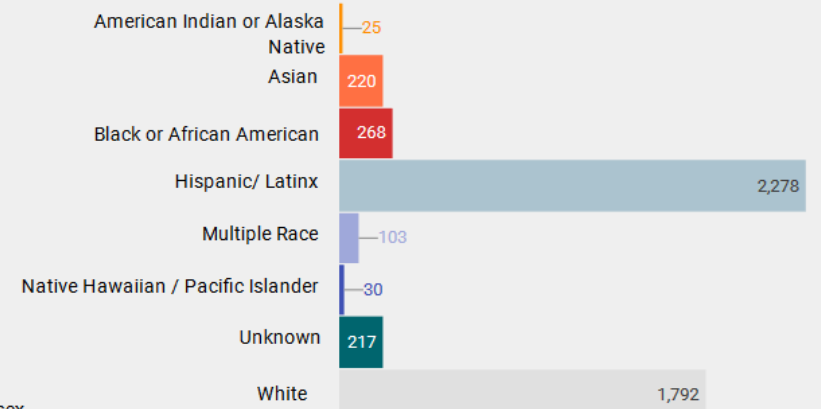
COVID-19 Deaths by Age Group



COVID-19 Deaths by Sex



COVID-19 Deaths by Race/Ethnicity

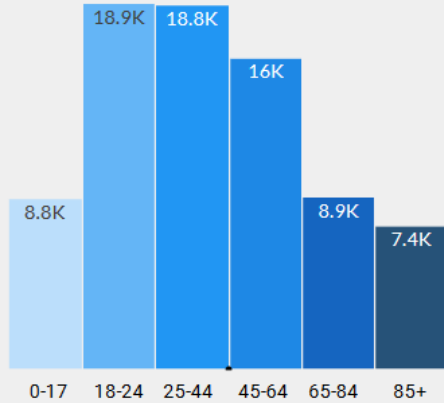


COVID-19 CASE RATE DEMOGRAPHICS CALIFORNIA AND RIVERSIDE COUNTY



RIVERSIDE COUNTY

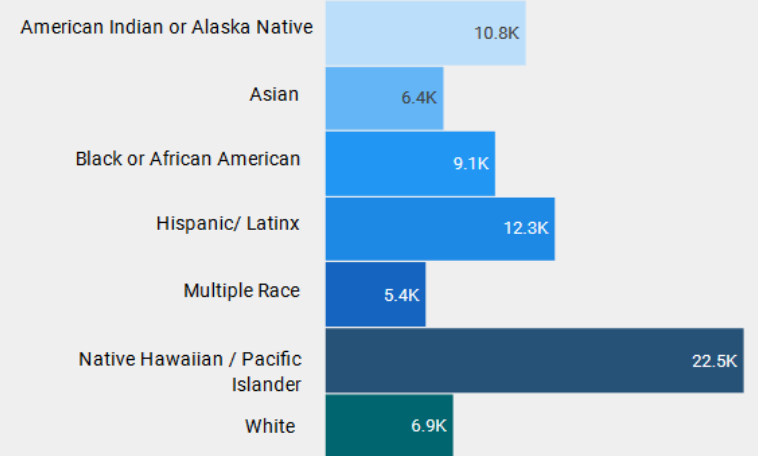
COVID-19 Riverside County Case Rates (per 100,000) by Age Group - Riverside County



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

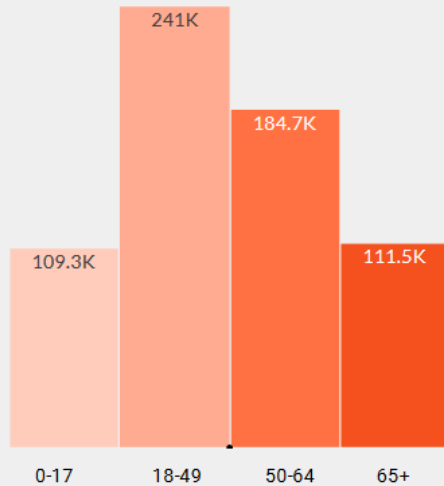


COVID-19 Riverside County Case Rates (per 100,000) by Race/Ethnicity

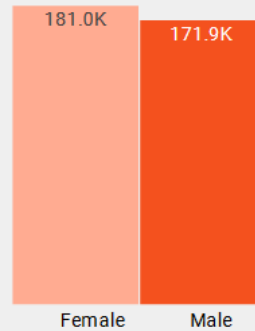


CALIFORNIA

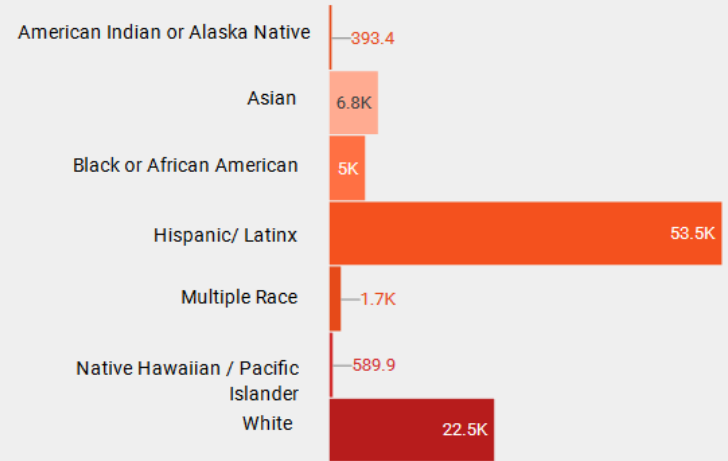
COVID-19 California Case Rates (per 100,000) by Age Group



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



OPERATION RIVCO SHIELD

RIVERSIDE COUNTY COVID-19 VACCINE UPDATE

September 24, 2021
(Data as of 9/23/2021)

1,441,472



VACCINE
DOSES RECEIVED

2,750,495

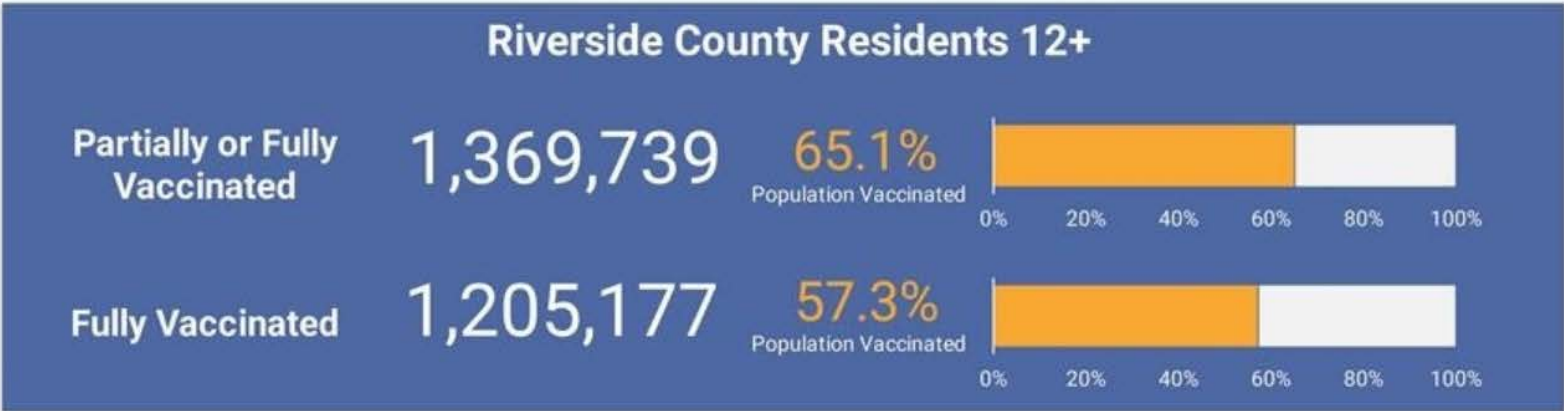


VACCINE DOSES
ADMINISTERED

263




STATE-APPROVED
PROVIDERS WITH
VACCINE



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

Weather

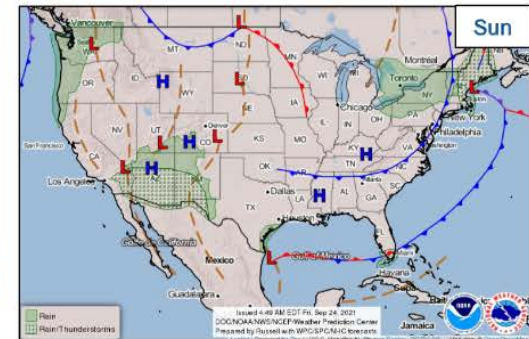
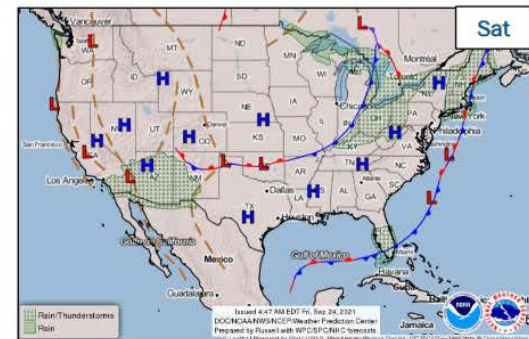
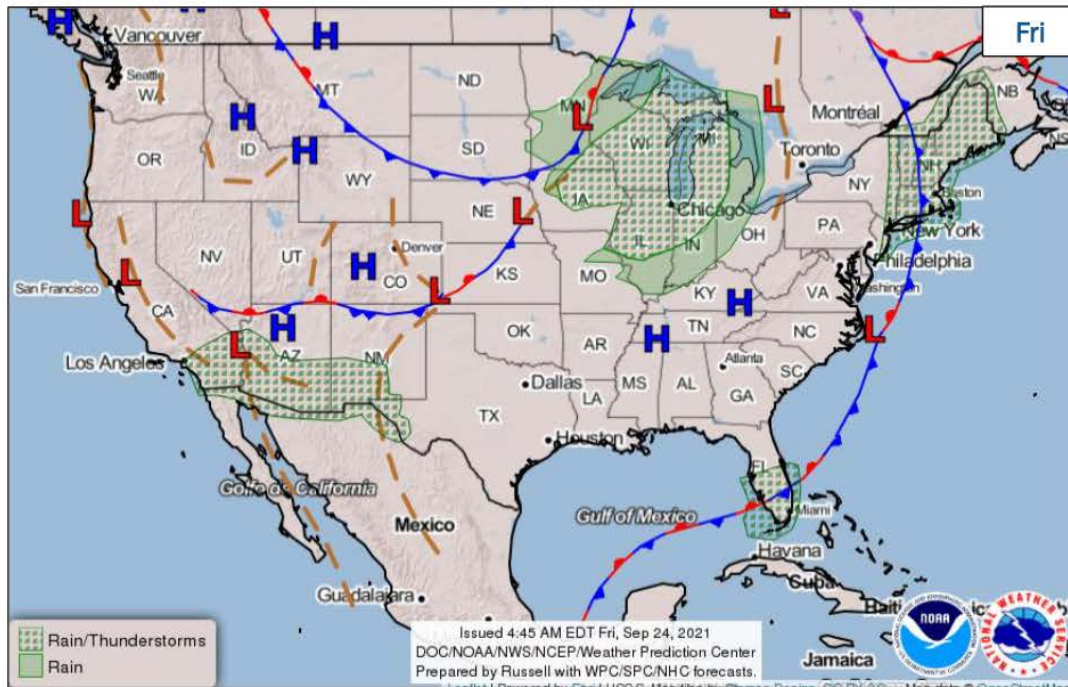
 National Weather Service San Diego, California		<h2 style="text-align: center;">Weather Risk Outlook</h2> <div style="text-align: center; border: 1px solid white; padding: 2px;">12:30 PM Friday, Sep 24, 2021</div>						
County	Zone	Fri 9/24	Sat 9/25	Sun 9/26	Mon 9/27	Tue 9/28	Wed 9/29	Thu 9/30
San Diego	Beach/Marine	Slight Chance T-Storms	None	None	None	None	None	None
	Coast	Slight Chance T-Storms	None	None	None	None	None	None
	Valleys	Slight Chance T-Storms	Slight Chance T-Storms	None	None	None	None	None
	Mountains	Slight Chance T-Storms	Slight Chance T-Storms	Slight Chance T-Storms	None	Breezy	None	None
	Desert	Slight Chance T-Storms	Slight Chance T-Storms	Slight Chance T-Storms	None	Breezy	None	None
Orange	Beach	Slight Chance T-Storms	None	None	None	None	None	None
	Coast	Slight Chance T-Storms	None	None	None	None	None	None
	Inland	Slight Chance T-Storms	Slight Chance T-Storms	None	None	None	None	None
	Mountains	Slight Chance T-Storms	Slight Chance T-Storms	None	None	None	None	None
Riverside	Inland Empire	Slight Chance T-Storms	Slight Chance T-Storms	None	None	None	None	None
	Mountains	Slight Chance T-Storms	Slight Chance T-Storms	Slight Chance T-Storms	None	Breezy	None	None
	Desert	Slight Chance T-Storms	Slight Chance T-Storms	None	None	Breezy	None	None
San Bernardino	Inland Empire	Slight Chance T-Storms	Slight Chance T-Storms	None	None	None	None	None
	Mountains	Slight Chance T-Storms	Slight Chance T-Storms	Slight Chance T-Storms	None	Breezy	None	None
	Desert	Slight Chance T-Storms	Slight Chance T-Storms	None	None	Breezy	None	None

Impact Threat Levels
 None
 Minor
 Moderate
 High
 Extreme

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

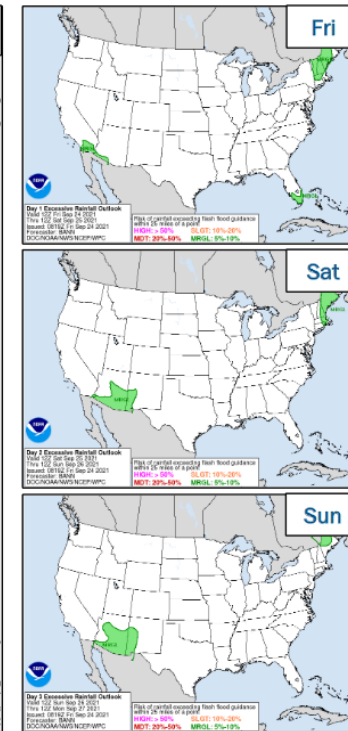
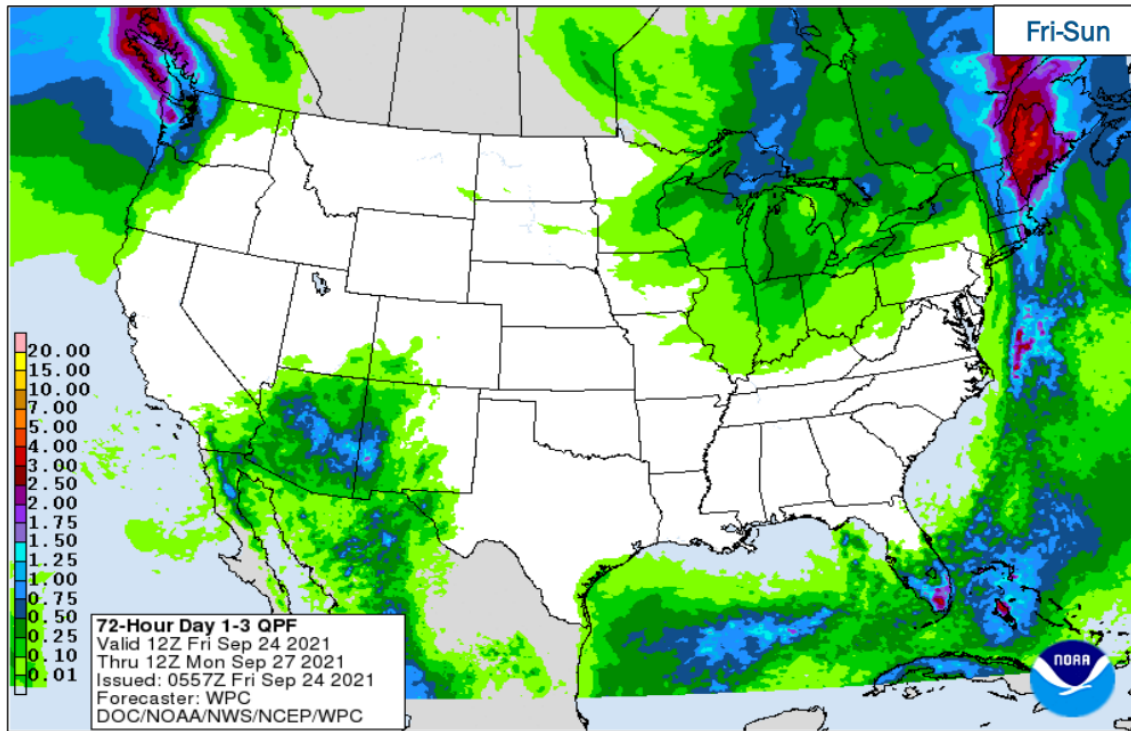
<https://www.weather.gov/forecastpoints#>

National Weather Forecast



National Watch Center

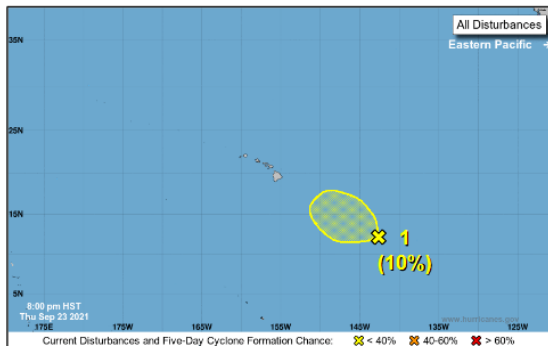
Precipitation & Excessive Rainfall



National Watch Center

Tropical Outlook – Five Day

Central Pacific



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

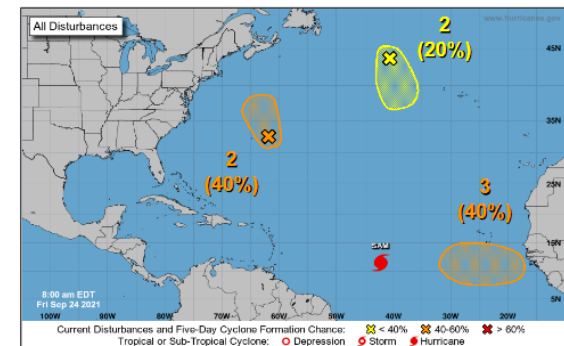
- Located about 1,000 miles SE of Hilo, Hawaii
- Formation chance: 48 hours: Low (10%); 5 days: Low (10%)

Eastern Pacific



No significant reporting at this time

Atlantic



Hurricane Sam (Advisory 7 as of 5:00 a.m. ET)

- See previous slide

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

- Located a few hundred miles east of Bermuda
- Formation chance: 48 hours: Medium (40%); 5 days: Medium (40%)

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

- 600 miles WNW of the westernmost Azores
- There is a brief window this system could become a subtropical or tropical cyclone
- Formation chance: 48 hours: Low (20%); 5 days: Low (20%)

Disturbance 3 (as of 8:00 a.m. ET)

- Expected to move off the west coast of Africa
- Formation chance: 48 hours: Low (near 0%); 5 days: Med (40%)

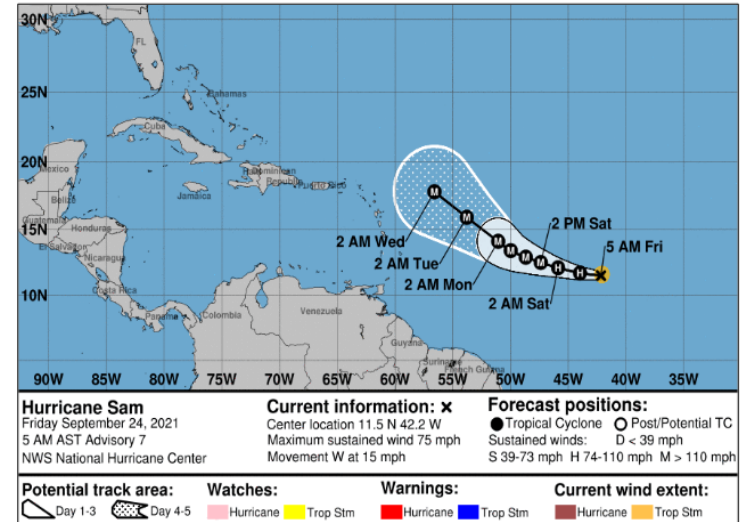
National Watch Center



Hurricane Sam – Atlantic

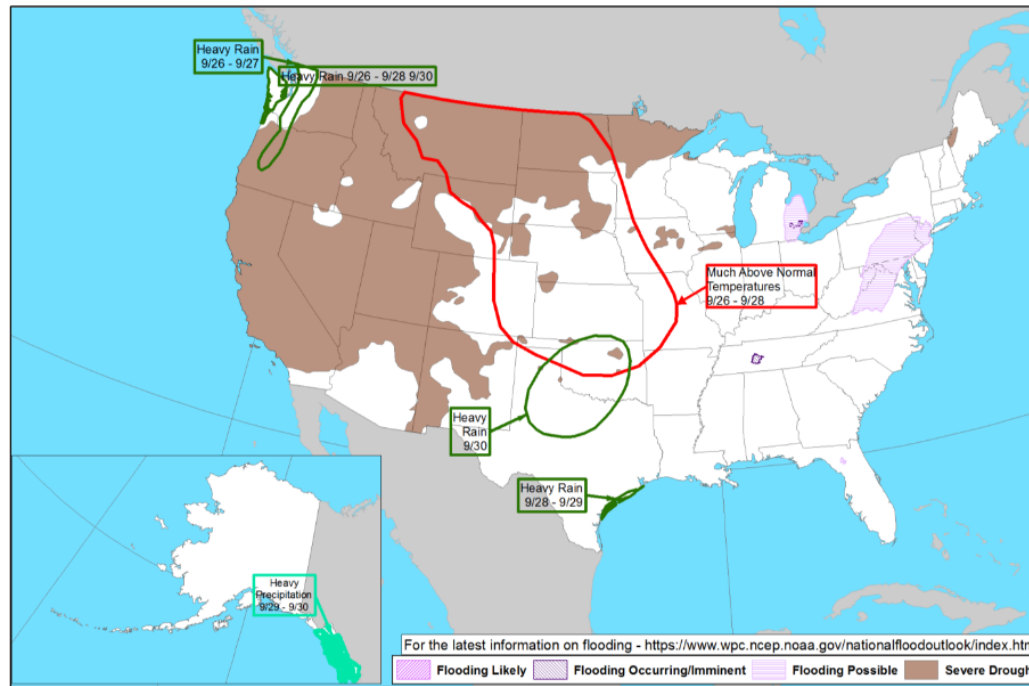
Situation (Advisory 7 as of 5:00 a.m. ET)

- 1,470 miles ESE of the northern Leeward Islands
- Moving W at 15 mph
- Maximum sustained winds 75 mph
- Hurricane-force winds extend outward 15 miles
- Tropical-storm-force winds extend outward up to 60 miles
- Likely to become a major hurricane tonight or early Saturday



National Watch Center

Hazards Outlook – Sep 26-30



National Watch Center

Wildfire Summary

Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities/ Injuries
					Threatened	Damaged	Destroyed	
Caldor (El Dorado, CA) FINAL	5413-FM-CA	220,877 (+1,299)	76%	M: 420	H: 1,340	H: 53	H: 782	0/19
				V: 0	O: 44	O: 28	O: 221	
Schneider Springs (Yakima, WA) FINAL	5415-FM-WA	105,523 (+78)	32% (+1)	M: 240	H: 1,658*	H: 0	H: 0	0/16
				V: 0	O: 0	O: 0	O: 0	



*Structures are a mix of residential, commercial, and other minor structures
 (Evacuations: M = Mandatory / V = Voluntary; Structures: H = Homes and Mixed Commercial/Residential / O = Non-residential Commercial/Other Minor Structures)



National Watch Center

Fawn Fire – California

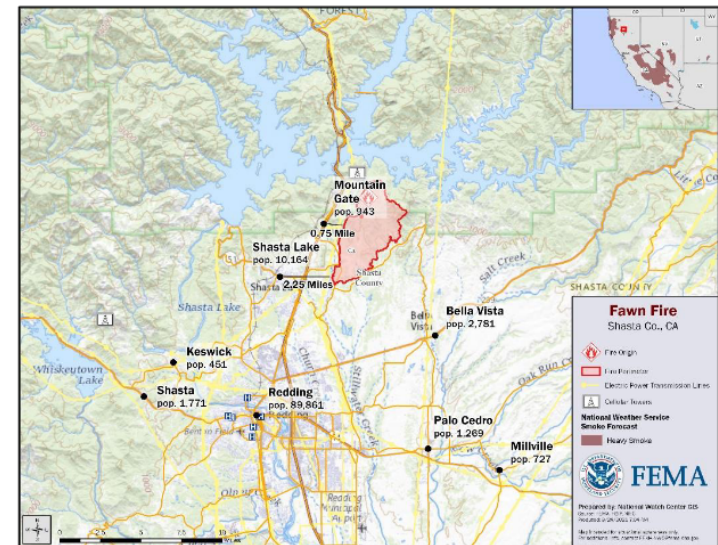
Fire Name (County, ST)	FMAG #	Acres Burned	Percent Contained	Evacuations	Structures (Homes / Other)			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Fawn (Shasta County, CA)	5417-FM-CA	5,159	5%	M: 2,500	H: 1,900	H: 0	H: 0	0 / 0
				V: 342	O: 100	O: 0	O: 0	

Situation:

- The fire began on Sep 22, and is threatening the communities of Shasta Lake City, Mountain Gate, Jones Valley, and Redding (combined population 13,500)
- Also threatening the I-5 and Ca-299 Highways, the Bella Vista water system, PG&E high voltage transmission lines, and cell phone towers that support 911 functions
- Forecasted weather conditions for the area include reduced relative humidity, high temperatures, and winds that will continue to support fire spread

Response:

- CA EOC at Full Activation (COVID-19)
- FEMA Region IX RWC and NWC continue to monitor
- FMAG was approved on Sep 23, 2021



National Watch Center



National Fire Activity *(as of Sep 22)*

National Preparedness Level

PL 4

Initial Attack Activity <i>(24-hour period)</i>	Light <i>(65 fires)</i>
New large fires:	1 (-1)
Large fires contained:	2 (-1)
Uncontained large fires:	49 (-11)
Cumulative Acres Burned	5,988,174 (+378,309)
Total Responders <i>(2021 Fire Season)</i>	16,067 (-2,728)
Type 1 IMTs deployed	9 of 16
Type 2 IMTs deployed	17 (+2) of 33

Preparedness Levels Legend

PL 1	Minimal fire activity; many resources available
PL 2	Large wildland fires burning throughout country; resources mobilized from other areas
PL 3	Wildfire activity ongoing throughout 25% of county; National Interagency Coordination Center (NICC) sets priorities, allocates resources, and mobilizes assets at national level
PL 4	High levels of fire activity and areas are competing for firefighting resources; 60% of the nations wildland firefighting resources committed
PL 5	Extremely high levels of fire activity; 80% of nations firefighting resources committed

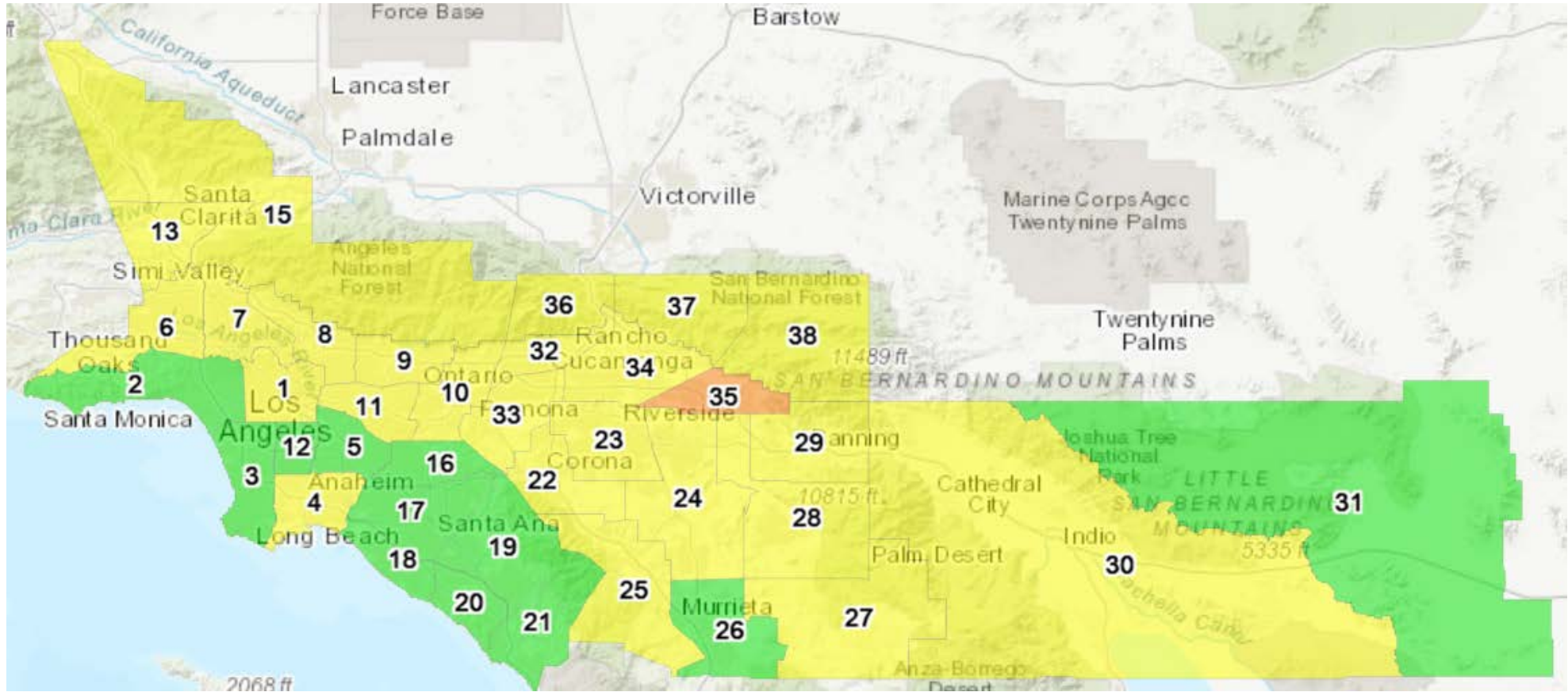


FEMA

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)