Tracking Coronavirus in Maricopa County, Ariz.

Maricopa County is at a **high risk** level.

See why Full national risk map ›

The risk of getting Covid-19 is based on cases per capita and test positivity.

LOW MEDIUM HIGH VERY HIGH EXTREMELY HIGH

New reported cases by day

TOTAL ON MAR. 30 **269** 14-DAY CHANGE **–46%**

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About this data

Cases have decreased over the past two weeks but are still high. The numbers of **hospitalized Covid patients** and **deaths** in the Maricopa County area have also fallen. The **test positivity rate** in Maricopa County is relatively low, suggesting that testing capacity is meeting current demand.

Updated March 31

Add **Maricopa County** to your personalized dashboard, and sign up for a daily email with the latest case counts in places important to you ›

How to protect yourself and others

Based on the **substantial outbreak** in Maricopa County right now, here's how to lower your personal risk of getting Covid-19 and protect your community, according to public health experts.

These recommendations were developed for unvaccinated individuals. We developed this advice with experts at Johns Hopkins Bloomberg School of Public Health and Resolve to Save Lives, an initiative of Vital Strategies. If you or someone in your household is older or has other risk factors for severe Covid-19, you may need to take extra precautions. If you are fully vaccinated, you may choose to follow the Centers for Disease Control and Prevention's recommendations for fully vaccinated people since your risk of getting sick is much lower, but you should be mindful that it may still be possible for you to transmit Covid-19 to others.

Indoor activities pose a high risk right now. +

Avoid nonessential travel. +

Avoid events with more than a handful of people. +

Outdoor activities are a good substitute. +

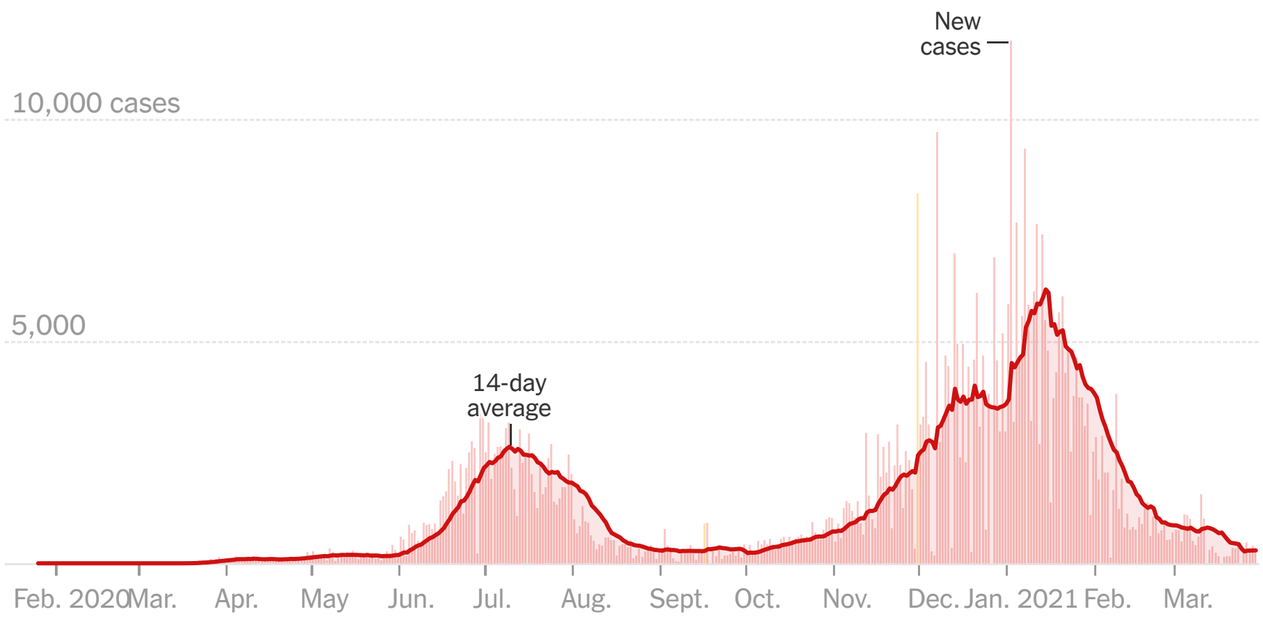
Protect yourself at work and school. +

Get medical care if you need it. +

Take these important precautions all the time. +

Cases have decreased over the past two weeks but are still high.

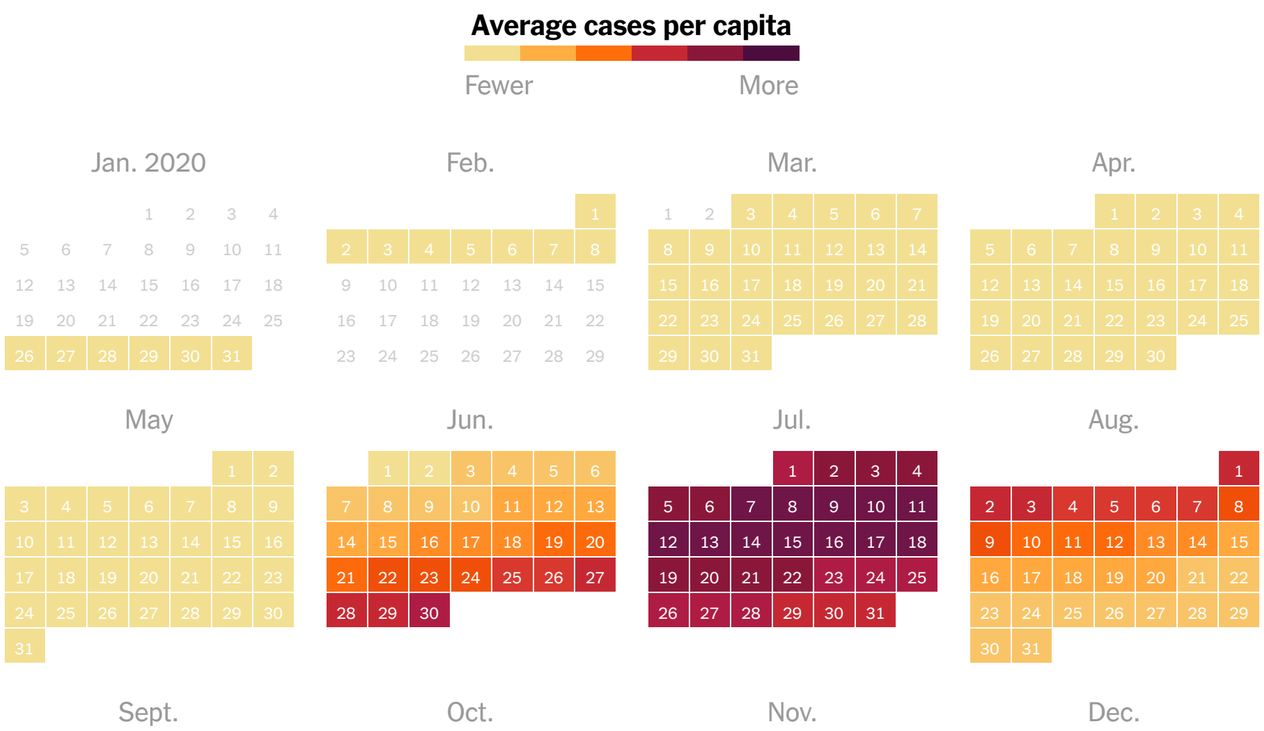
New reported cases by day

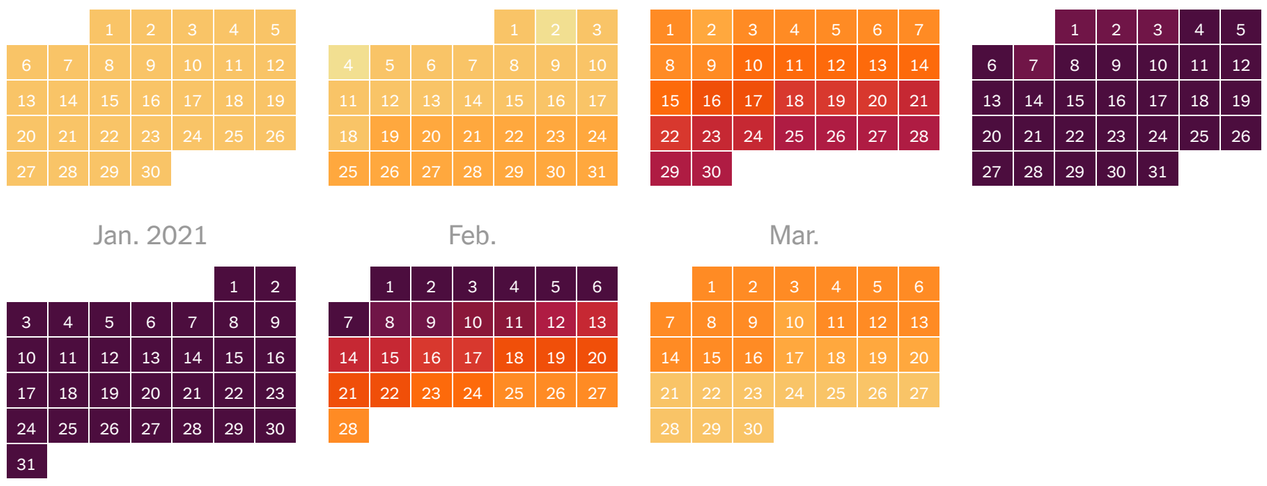


Note: The 14-day average is the average of a day and the previous 13 days of data.

An average of **291 cases per day** were reported in Maricopa County, a **46 percent decrease** from the average two weeks ago. Since the beginning of the pandemic, at least **1 in 9** residents have been infected, a total of **524,077 reported cases**.

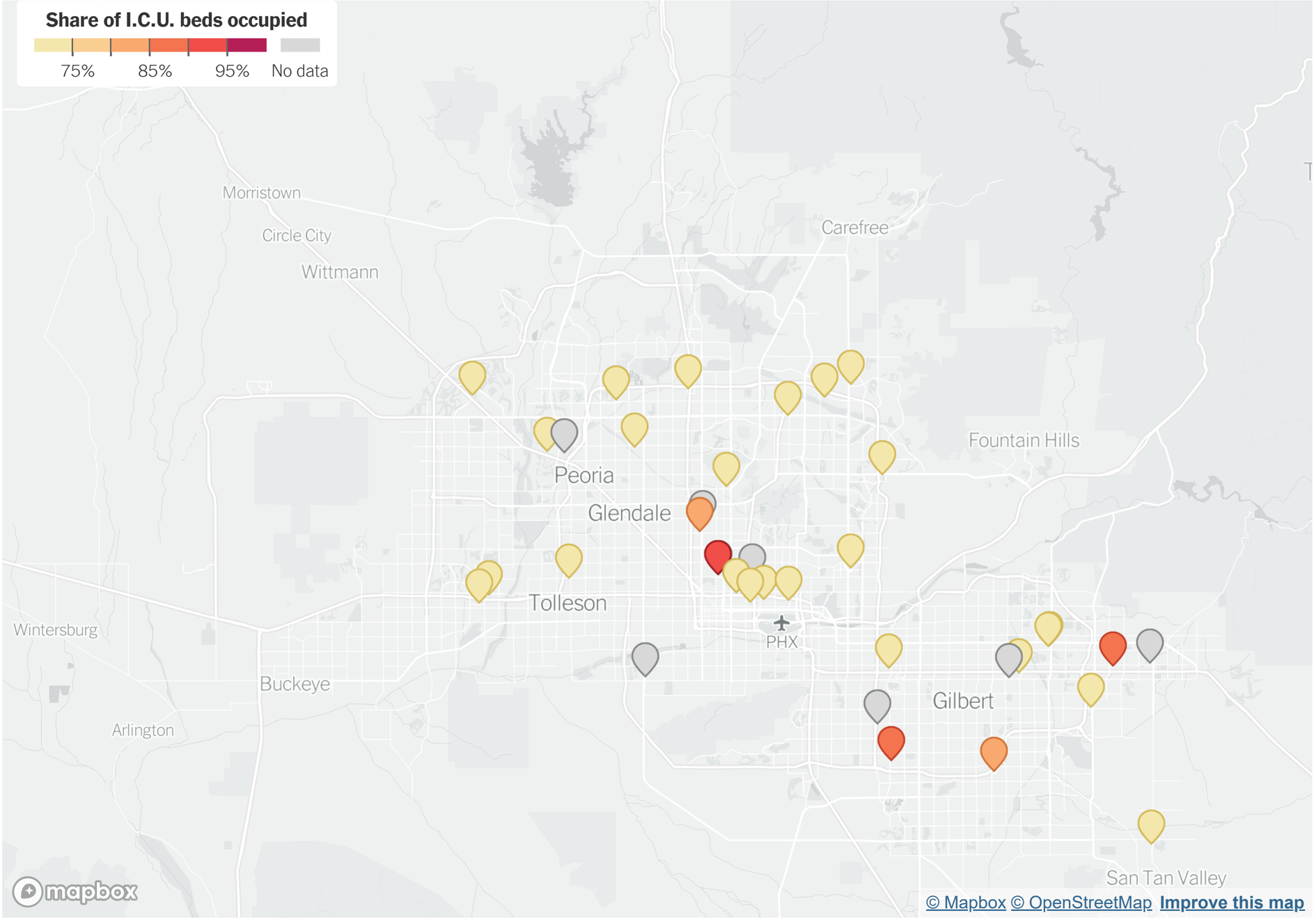
January 2021 was the worst month for cases in Maricopa County.



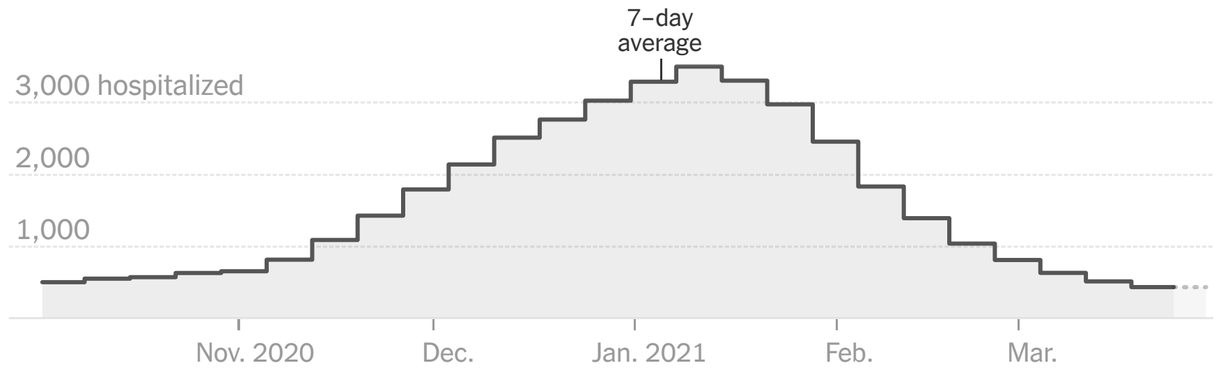


The numbers of hospitalized Covid patients and deaths in the Maricopa County area have also fallen.

The map below shows the average I.C.U. occupancy at nearby hospitals.



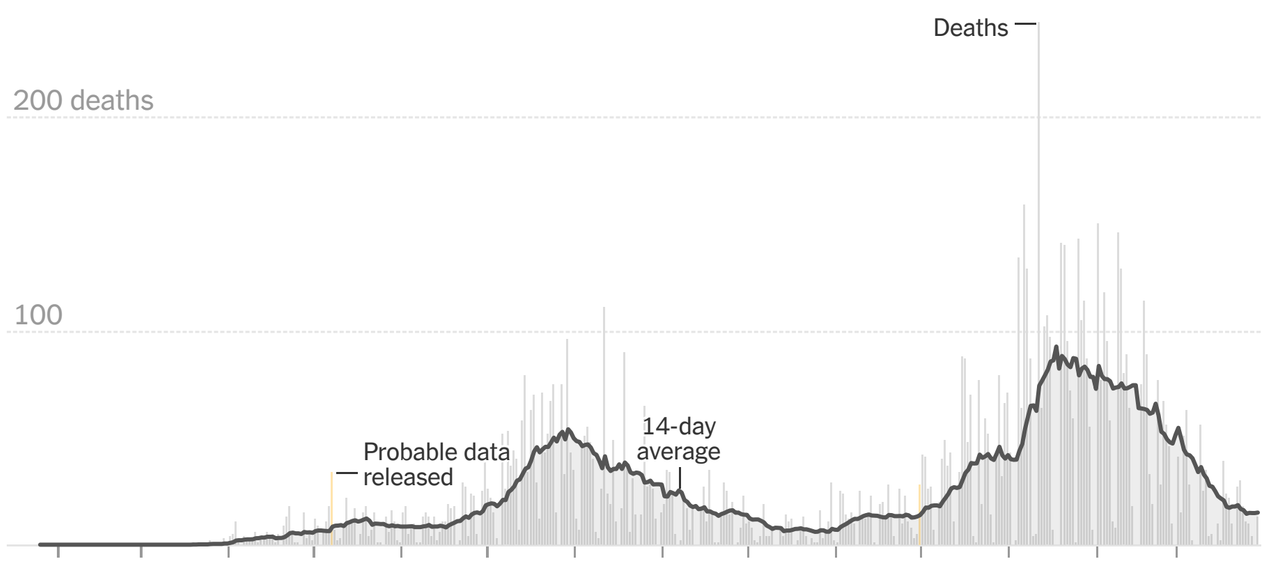
Hospitalized Covid-19 patients in the Maricopa County area



Source: U.S. Department of Health and Human Services. Hospitalization data is a weekly average of Covid-19 patients in hospital service areas that intersect with Maricopa County.

The trend in deaths tends to lag weeks behind the trend in reported cases.

New reported deaths by day in Maricopa County



Feb. 2020 Mar. Apr. May Jun. Jul. Aug. Sept. Oct. Nov. Dec. Jan. 2021 Feb. Mar.

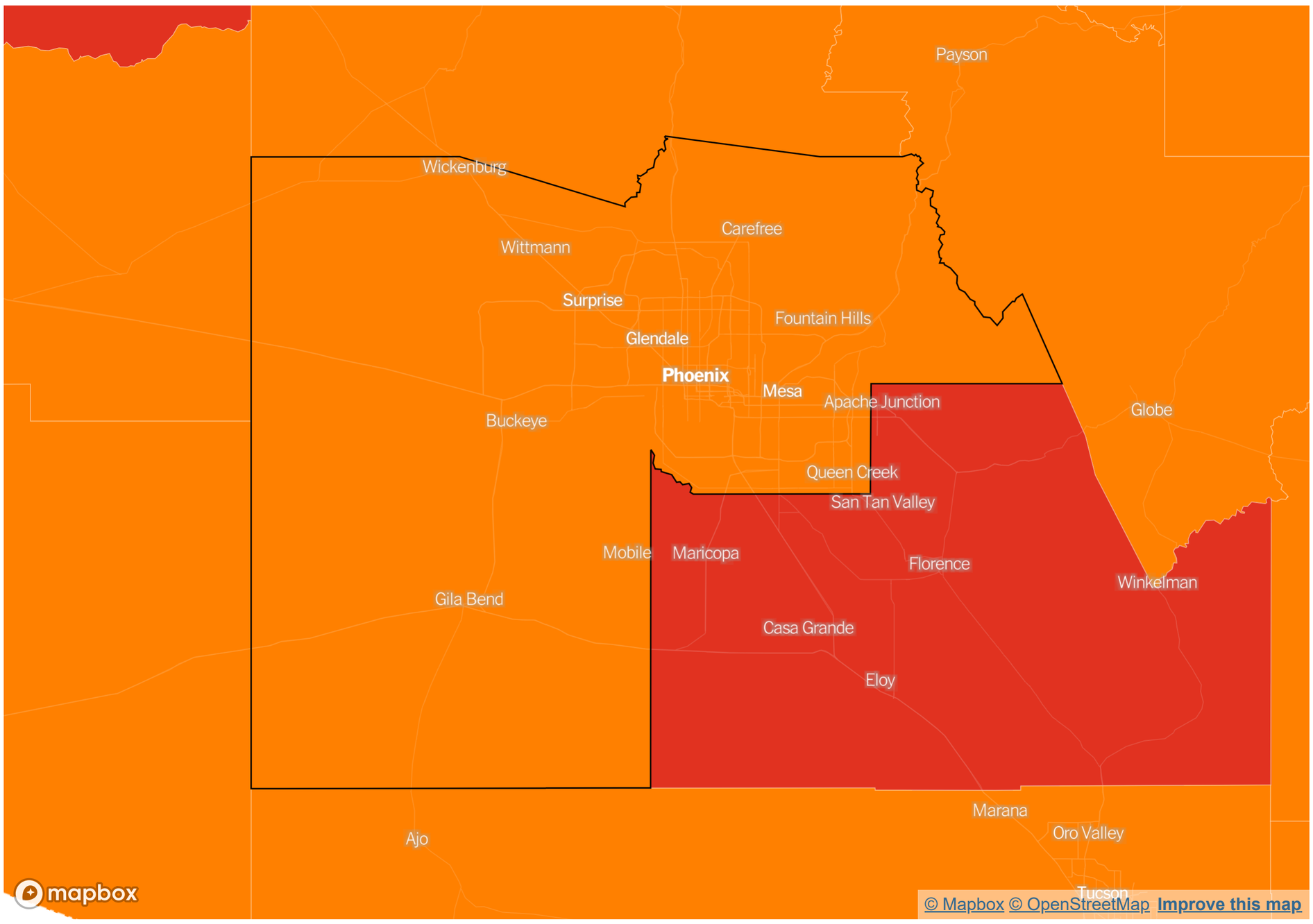
Note: The 14-day average is the average of a day and the previous 13 days of data.

The risk of getting Covid-19 is higher in some nearby counties.

Cases have increased recently in Yuma, and in Gila Counties. See the full national map of county-level risk assessments.

Risk level in nearby counties

LOW MEDIUM HIGH VERY HIGH EXTREMELY HIGH



About the data

In data for Arizona, the Times primarily relies on reports from the state, as well as health districts or county governments that often report ahead of the state. Arizona typically releases new data each day. Weekend counts may be lower because fewer sources report to the state. The state reports cases and deaths based on a person's permanent or usual residence.

The Times has identified the following reporting anomalies or methodology changes in the data:

- **Mar. 18, 2021:** Arizona reassigned more than 400 cases that had been mistakenly placed in Maricopa County.
- **Dec. 1, 2020:** Arizona announced many cases and deaths from delayed reporting over the Thanksgiving weekend.
- **Sept. 19, 2020:** Arizona removed cases previously reported in Maricopa County.
- **Sept. 17, 2020:** Arizona added 577 probable cases from antigen testing in September.
- **May 8, 2020:** Arizona began reporting probable deaths based on death certificates from earlier in the year.

  The tallies on this page include probable and confirmed cases and deaths.

Confirmed cases and deaths, which are widely considered to be an undercount of the true toll, are counts of individuals whose coronavirus infections were confirmed by a molecular laboratory test. **Probable cases and deaths** count individuals who meet criteria for other types of testing, symptoms and exposure, as developed by national and local governments.

Governments often revise data or report a single-day large increase in cases or deaths from unspecified days without historical revisions, which can cause an irregular pattern in the daily reported figures. The Times is excluding these anomalies from seven-day averages when possible.

About the risk levels

Maricopa County is at a **high risk** level because there was an average of 6 daily cases per 100,000 people reported in the past two weeks. The risk in Maricopa County will decrease to **medium risk** if the daily case rate drops to less than about 2.8 cases per 100,000 people and the test positivity stays low.

The New York Times worked with public health experts at Johns Hopkins Bloomberg School of Public Health and Resolve to Save Lives, an initiative of Vital Strategies, to develop guidance on how individuals may reduce their risk of contracting Covid. There is specific guidance for each risk level.

A county's risk level is determined based on the number of reported cases and testing data. Although county risk levels are assigned based on expert guidance and careful analysis, it is possible that the risk level in a specific county may be over or underestimated because of a lack of reliable data.

A county is at an **extremely high risk** level if it reported an average daily rate of more than 45 cases per 100,000 people over the past two weeks. Small counties with a population of less than 5,000 people are in this category if they reported more than 32 cases over the past two weeks. A county with fewer cases may also be in this category if more than 10 percent of tests had a positive result over the past two weeks. This can mean that the county is not testing enough, and that the number of cases may be undercounted.

A county is at a **very high risk** level if it reported an average daily rate of more than 11 cases per 100,000 people over the past two weeks. Small counties with a population of less than 5,000 people are in this category if they reported more than 8 cases over the past two weeks. A county with fewer cases may also be in this category if more than 10 percent of tests had a positive result over the past two weeks. This can mean that the county is not testing enough, and that the number of cases may be undercounted.

A county is at a **high risk** level if it reported an average daily rate of about 3 or more cases per 100,000 people over the past two weeks. Small counties with a population of less than 5,000 people are in this category if they reported more than 2 cases over the past two weeks. A county with fewer cases may also be in this category if more than 10 percent of tests had a positive result over the past two weeks. This can mean that the county is not testing enough, and that the number of cases may be undercounted.

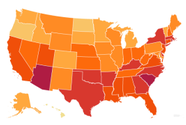
A county is at a **medium risk** level if it reported an average daily rate of about 1 case per 100,000 people over the past two weeks. Small counties with a population of less than 5,000 people are in this category if they reported 1 or more cases over the past two weeks.

A county is at a **low risk** level if it reported an average daily rate of less than 1 case per 100,000 people over the past two weeks. Small counties with a population of less than 5,000 people are in this category if they reported no cases over the past two weeks.

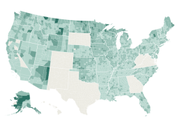
In some cases, a county might not have a risk level if not enough recent data was available, or if inconsistencies were found in the data. If a county's recent testing data was not available, the rate of positive tests in the state was used, along with recent cases, to calculate the risk level.

Tracking the Coronavirus

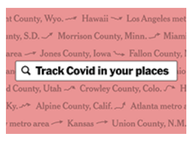
United States



Latest Maps and Data
Cases and deaths for every county

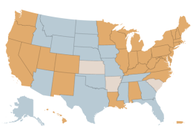


Vaccinations
How many have been vaccinated, and who's eligible

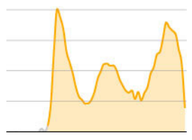


Your Places
Build your own dashboard to track cases

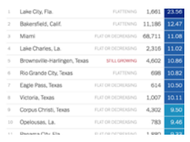
Hospitals Near You
How many I.C.U. beds are occupied



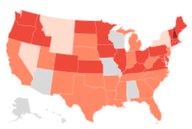
Restrictions
What is open and closed in each state



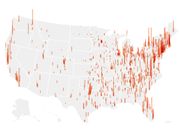
Deaths Above Normal
The true toll of the pandemic in the U.S.



Cites and Metro Areas
Where it is getting better and worse

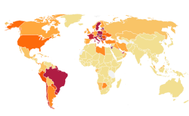


Nursing Homes
The hardest-hit states and facilities



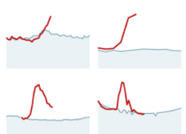
Colleges and Universities
Cases at more than 1,800 schools

World



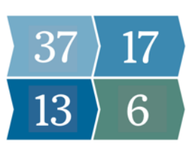
Latest Maps and Data
Cases and deaths for every country

Global Vaccinations
How many have been vaccinated, by country



Deaths Above Normal
The true toll of coronavirus around the world

Health



Vaccines
Track their development

Treatments
Rated by effectiveness and safety

Countries

Brazil	Germany	Mexico	U.K.
Canada	India	Spain	United States
France	Italy		

States, Territories and Cities

Alabama	Iowa	New Hampshire	South Dakota
Alaska	Kansas	New Jersey	Tennessee
Arizona	Kentucky	New Mexico	Texas
Arkansas	Louisiana	New York	Utah
California	Maine	New York City	Vermont
Colorado	Maryland	North Carolina	Virginia
Connecticut	Massachusetts	North Dakota	Washington
Delaware	Michigan	Ohio	Washington, D.C.
Florida	Minnesota	Oklahoma	West Virginia

Georgia	Mississippi	Oregon	Wisconsin
Hawaii	Missouri	Pennsylvania	Wyoming
Idaho	Montana	Puerto Rico	
Illinois	Nebraska	Rhode Island	
Indiana	Nevada	South Carolina	

Data

Frequently Asked Questions About the Covid Data

Access the Open Source Covid Data

By Jordan Allen, Sarah Almukhtar, Aliza Aufrichtig, Anne Barnard, Matthew Bloch, Sarah Cahalan, Weiyi Cai, Julia Calderone, Keith Collins, Matthew Conlen, Lindsey Cook, Gabriel Gianordoli, Amy Harmon, Rich Harris, Adeel Hassan, Jon Huang, Danya Issawi, Danielle Ivory, K.K. Rebecca Lai, Alex Lemonides, Eleanor Lutz, Allison McCann, Richard A. Oppel Jr., Jugal K. Patel, Alison Saldanha, Kirk Semple, Shelly Seroussi, Julie Walton Shaver, Anjali Singhvi, Charlie Smart, Mitch Smith, Albert Sun, Rumsey Taylor, Derek Watkins, Timothy Williams, Jin Wu and Karen Yourish. · Reporting was contributed by Jeff Arnold, Ian Austen, Mike Baker, Brillian Bao, Ellen Barry, Samone Blair, Nicholas Bogel-Burroughs, Aurelien Breeden, Elisha Brown, Emma Bubola, Maddie Burakoff, Alyssa Burr, Christopher Calabrese, Zak Cassel, Robert Chiarito, Izzy Colón, Matt Craig, Yves De Jesus, Brendon Derr, Brandon Dupré, Melissa Eddy, John Eligon, Timmy Facciola, Bianca Fortis, Matt Furber, Robert Gebeloff, Thomas Gibbons-Neff, Matthew Goldstein, Grace Gorenflo, Rebecca Griesbach, Benjamin Guggenheim, Barbara Harvey, Lauryn Higgins, Josh Holder, Jake Holland, Jon Huang, Anna Joyce, John Keefe, Ann Hinga Klein, Jacob LaGesse, Alex Lim, Alex Matthews, Patricia Mazzei, Jesse McKinley, Miles McKinley, K.B. Mensah, Sarah Mervosh, Jacob Meschke, Lauren Messman, Andrea Michelson, Jaylynn Moffat-Mowatt, Steven Moity, Paul Moon, Derek M. Norman, Anahad O'Connor, Ashlyn O'Hara, Azi Paybarah, Elian Peltier, Sean Plambeck, Laney Pope, Elisabetta Povoledo, Cierra S. Queen, Savannah Redl, Scott Reinhard, Chloe Reynolds, Thomas Rivas, Frances Robles, Natasha Rodriguez, Jess Ruderman, Kai Schultz, Alex Schwartz, Emily Schwing, Libby Seline, Rachel Sherman, Sarena Snider, Brandon Thorp, Alex Traub, Maura Turcotte, Tracey Tully, Lisa Waananen Jones, Amy Schoenfeld Walker, Jeremy White, Kristine White, Bonnie G. Wong, Tiffany Wong, Sameer Yasir and John Yoon. · Data acquisition and additional work contributed by Will Houp, Andrew Chavez, Michael Strickland, Tiff Fehr, Miles Watkins, Josh Williams, Nina Pavlich, Carmen Cincotti, Ben Smithgall, Andrew Fischer, Rachel Shorey, Blacki Migliozzi, Alastair Coote, Jaymin Patel, John-Michael Murphy, Isaac White, Steven Speicher, Hugh Mandeville, Robin Berjon, Thu Trinh, Carolyn Price, James G. Robinson, Phil Wells, Yanxing Yang, Michael Beswetherick, Michael Robles, Nikhil Baradwaj, Ariana Giorgi, Bella Virgilio, Dylan Momplaisir, Avery Dews, Bea Malsky and Ilana Marcus.

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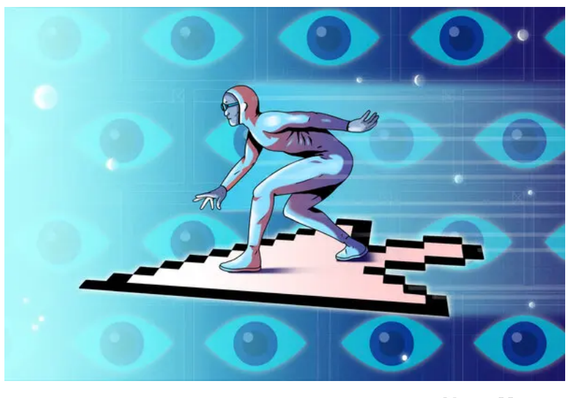

Glenn Harvey

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March 31