



COVID-19 Compilation

October 30, 2020

Iowa

Since Oct. 1, there have been 30,674 confirmed cases in the Hawkeye State. At 10 a.m. Thursday, there have been a total of 121,913 confirmed cases of coronavirus since the pandemic arrived in Iowa. That is an increase of 2,469 [since the state's tally at 10 a.m. Wednesday](#). According to the state's [Coronavirus.Iowa.gov](#) website, there were 240 confirmed cases Wednesday and has been one additional case Thursday, as of 10 a.m.

At 10 a.m. Thursday, the state was reporting 1,691 COVID-19-related deaths, an increase of 11 deaths [since the state's tally at 10 a.m. Wednesday](#), according to the state's [Coronavirus.Iowa.gov](#) website. Of the people who have tested positive, 91,401 have recovered, according to the state. The total number of people tested is 956,844. Meanwhile, White House coronavirus experts warned Iowans this week to be cautious about gathering indoors, even in small groups. An [Oct. 25 report from the White House Coronavirus Task Force warned](#) Iowans to take caution when gathering indoors, even in small groups. The report continues to classify Iowa as being in the "red zone" for new cases of coronavirus, with the 10th highest per-capita rate in the country.

On Thursday, the state was reporting 605 hospitalizations, up from 596 on Wednesday. In the past 24 hours, 113 patients have been admitted. Also, there are 135 patients in the ICU, down from 136 on Wednesday. Thursday was the first time that Iowa reported being above 600 hospitalizations. Since Monday, Iowa has reported increased hospitalization, with each day being a new record high. The state has been changing how it reports testing data, which has caused spikes in the rate of positive data. Before the changes, the state was consistently reporting a positivity rate, that is, the percentage of tests that were positive, below 10%. Iowa also [is now counting the results of antigen tests](#), a relatively rapid type of coronavirus tests, that will increase the reported rates of infection in some counties. On Thursday, the state was reporting 12.7% positive since the pandemic started. Iowa's 14-day average was 11.8% positive, according to the state. These were the Iowa counties that had 14-day averages above 15%:

Cass (22.1%);
Delaware (21.8%);
O'Brien (21.5%);
Harrison (21.0%);

Osceola (20.3%);
Jackson (19.8%);
Plymouth (19.4%)
Sioux (19.0%);
Carroll (18.2%);
Winnebago (17.8%);
Taylor (17.7%);
Fremont (17.3%);
Humboldt (16.9%);
Davis (16.6%);
Woodbury (16.4%);
Dubuque (16.0%);
Adams (15.9%);
Adair (15.5%);
Lyon (15.4%)
Des Moines (15.3%);
Mahaska (15.3%);
Dickinson (15.3%);
Webster (15.1%);
Cedar (15.0%);
Van Buren (15.1%).

Washington, D.C.

- HRSA announced it will distribute approximately \$333 million in first round performance payments to over 10,000 nursing homes. These nursing homes are being recognized for demonstrating significant reductions in COVID-19 related infections and deaths between August and September.
- NIH Researchers have [discovered](#) a biological pathway that the coronavirus appears to use to hijack and exit cells as it spreads through the body. The scientists say a better understanding of this pathway may provide important insight in stopping the transmission of the virus.
- Yesterday, the FDA [updated an immediately in effect guidance](#), Enforcement Policy for Non-Invasive Remote Monitoring Devices Used to Support Patient Monitoring During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency. This update expands the scope of the guidance to include an additional device type: Gaseous-Phase Carbon-Dioxide Gas Analyzer (product code CCK), which includes capnographs and devices with a capnography feature.
- The FDA issued three warning letters jointly with the Federal Trade Commission to [Peterson Research Laboratories dba Covercology](#), [Predator Nutrition](#), and [Beepothecary](#) for selling unapproved and misbranded products with fraudulent COVID-19 claims.
- 285 tests are authorized by FDA under EUAs; these include 222 molecular tests, 56 antibody tests, and 7 antigen tests.
- The FDA's Dr. Peter Marks [published](#) an opinion piece pledging to make sure a COVID-19 is safe and efficacious.

- The CDC has published and updated a significant number of COVID-19 materials and resources on their [dashboard](#). To point to just a few:
 - [General FAQ](#)
 - [COVID-19 Questions and Answers: For People Who Use Drugs or Have Substance Use Disorder](#)
 - [Wear Face Masks on Public Transportation Conveyances and at Transportation Hubs](#)
 - [Considerations for Casinos and Gaming Operations](#)
- The CDC is asking states to be prepared for vaccine distribution at key locations throughout the country. Officials want to move quickly once the FDA authorizes a vaccine and a CDC advisory panel issues recommendations on which populations should be vaccinated, according to a letter the CDC sent earlier this week to state preparedness and immunization officials. As part of that effort, the CDC wants states to provide important information, such as a list of each jurisdiction's top five sites capable of receiving and administering a vaccine that must be stored at ultracold temperatures of minus-70 Celsius, by next Tuesday.
- CMS [released](#) a comprehensive plan with proactive measures to remove regulatory barriers and ensure consistent coverage and payment for the administration of an eventual COVID-19 vaccine. CMS released a set of toolkits for providers, states, and insurers to help the health care system prepare to swiftly administer the vaccine once it is available. These resources are designed to increase the number of providers that can administer the vaccine and ensure adequate reimbursement for administering the vaccine in Medicare, while making it clear to private insurers and Medicaid programs their responsibility to cover the vaccine at no charge to beneficiaries. In addition, CMS is taking action to increase reimbursement for any new COVID-19 treatments that are approved or authorized by the FDA.
- OSHA is facing a law suit by unions representing hundreds of thousands of nurses and health care workers who are alleging that the agency is violating its duties to keep workers safe by failing to issue an infectious disease standard to protect health care workers during the pandemic.
- Following an early morning letter to Treasury Sec. Steven Mnuchin about a response to remaining negotiation items, House Speaker Nancy Pelosi (D-CA) said today that she wants to reach a deal on an economic relief bill during Congress's lame-duck session after the election. Full text of the letter can be viewed [here](#).

Updates from the States

- Out of the cases under investigation detected by U.S. surveillance, there are **8,834,393 total cases** and **227,045 deaths**. *The CDC data closes out the day before reporting. It is assumed the U.S. has now surpassed the 9 million marker for total cases.*
- Twenty-one states added more cases in the seven-day period ending Wednesday than in any other seven-day stretch of the pandemic.
- In North Dakota, more than 5 percent of the population has now tested positive — the biggest share of any state — as reports of new cases continue to soar. The state has temporarily suspended its contact tracing program and encourages residents who test positive to do their own contact tracing. The exception is for health care settings and K-12 schools and university systems where contact tracing will continue as usual.

- Wisconsin Gov. Tony Evers (D) said his state is facing an “urgent crisis.” Wisconsin is home to eight of the country’s 15 metro areas with the highest rates of recent cases. More than 200 coronavirus deaths have been announced over the last week in Wisconsin, and as case numbers explode, hospitals have been put under increasing strain.
- Boston Mayor Martin Walsh said today that city employees would get one paid hour off every two weeks, during normal work shifts, to get tested for COVID-19. The share of coronavirus tests coming back positive in Boston increased to 7.8 percent, from 6.2 percent last week.
- Doctors, nurses, health care practitioners, and providers from across New Mexico this week signed an open letter urging New Mexicans to double down on safe practices and personal caution to slow the spread of COVID-19 and protect the state’s health care and hospital resources. More than 350 health care workers signed the letter.
- Hawaii Gov. David Ige (D) signed a stay-at-home order for Lāna‘i island. Gov. Ige also announced that Japan will be added to Hawai‘i’s pre-travel testing program.
- Illinois Gov. JB Pritzker (D) announced that COVID-19 resurgence mitigations will be implemented in Region 11 (Chicago), Region 4 (Metro East), and Region 10 (Suburban Cook County) beginning at 12:01 AM on Friday.
- Gov. Pritzker also announced updated guidance for youth and adult recreational sports, such as school-based sports, travel clubs, private leagues and clubs, recreational leagues and centers, and park district sports programs. Collegiate sports and professional leagues are not impacted by these restrictions.
- Kentucky Gov. Andy Beshear (D) said that community, long-term care, and school leaders and administrators, as well as Kentucky families in red-zone counties, should prepare a weekly COVID-19 reduction plan based on each Thursday’s incidence rate map.
- In Idaho, Gov. Brad Little (R) on Monday signed a health order that limits indoor and outdoor gatherings, requires bars and nightclubs to offer seating-only service and mandates masks at long-term-care facilities.
- Washington Gov. Jay Inslee (D) issued a proclamation and guidance memo clarifying the application of COVID-19 requirements for voters and for voting service operations, including county elections offices, county voting centers, and student engagement HUBs throughout the state.
- Nevada Gov. Steve Sisolak (D), Oregon Gov. Kate Brown (D), and Gov. Inslee Joined California Gov. Gavin Newsom’s (D) COVID-19 Scientific Safety Review Workgroup, which will independently review the safety and efficacy of any vaccine approved by the FDA for distribution.
- Tennessee Gov. Bill Lee (R) said Wednesday he plans to extend Tennessee’s State of Emergency at the end of the month due to the rising number of COVID-19 cases and urged Tennesseans to follow COVID-19 safety protocols.
- Delaware Gov. John Carney (D) announced a substantial list of community testing sites this week. Testing locations include pop-up and Curative trailer sites.
- New York Gov. Andrew Cuomo (D) announced the Metropolitan Transit Authority (MTA) will begin a voluntary COVID-19 screening program for frontline employees. Under this new initiative, free COVID testing for MTA workers will be offered at rotating field locations and medical assessment and occupational health services centers.

- Gov. Cuomo and his daughter Mariah Kennedy Cuomo announced New York State is partnering with The RealReal and dozens of New York fashion designers to launch "Mask Up", a campaign to benefit COVID-19 relief efforts and remind the public of the need to wear masks.
- Connecticut Gov. Ned Lamont (D) signed an EO that makes slight revisions to the previously enacted travel advisory, most notably the creation of an exemption for the nearby states of New York, New Jersey, and Rhode Island from appearing on the list of affected states from which travelers are required to self-quarantine.
- Connecticut, New Jersey, and New York's regional travel advisory was updated. California, Massachusetts, and Pennsylvania have been added to the list of impacted locations that meet the metrics to qualify.
- Arkansas Surgeon General Greg Bledsoe said Wednesday he tested positive for COVID-19. Seven GOP state legislators have also tested positive.
- Los Angeles city and county officials on Tuesday unveiled a rapid COVID-19 testing pilot project aimed at helping first responders and schoolchildren limit coronavirus spread. The pilot will be conducted by researchers at the University of Southern California in conjunction with the city and county. It will make Los Angeles one of the first regions in the country to conduct a large-scale study on both symptomatic and asymptomatic residents using inexpensive antigen tests, which can produce results in minutes rather than days.
- [Useful state data:](#)
 - Use Johns Hopkins University's [COVID-19 U.S. map](#) as a resource for media, policymakers, and communities to view a collection of critical public health data in one online destination and better understand and track the COVID-19 pandemic in populations both large and small across the country.
 - NASHP has developed a [COVID-19 State Action Center](#) which serves as a state-level policy dashboard. [Governing](#) is also keeping a running tally of coronavirus news and impacts at the intersection of the health and economic crises in the states and localities.
 - This [site](#) from the Kaiser Family Foundation provides state-level information on cases/deaths, social distancing measures, health policy actions, and more.
 - This [series of maps](#) shows how states are responding to COVID-19, and this [tracker](#), created and maintained by MultiState Associates, has an up-to-date list of executive orders and various travel restrictions.

Military/Defense

- Naval Hospital Bremerton, Washington recently acquired an ultraviolet light-emitting robot specifically designed to eradicate infectious diseases like COVID-19 and is currently in the last stages of staff training before implementation.
- Gen. David Thompson, vice chief of space operations, tested positive Wednesday for COVID-19, the third senior military official to test positive.
- Twenty-seven people at the Alaska Military Youth Academy are in isolation after nine of the youths tested positive for COVID-19.

- On Thursday, Naval Air Force Atlantic officials announced that a small number of sailors on USS Gerald R. Ford have tested positive for COVID-19.
- Army researchers at the Army Combat Capabilities Development Command Chemical Biological Center are trying to understand how COVID-19 attacks human lungs.
- The DoD and HHS are spending \$375 million on 300,000 doses of a COVID-19 treatment made by Eli Lilly. Federal researchers said it shows no improvement in hospitalized patients, but the company maintains it could help treat patients with milder cases.
- The military is rolling out a smartwatch that can monitor for early indicators of infection and illnesses such as COVID-19.
- The U.S. military base on the Marshall Islands recorded its first two COVID-19 cases on Wednesday.

International Affairs

- [Here](#) is the most recent edition of the WHO's Weekly Epidemiological Update and [here](#) is the most recent edition of the WHO's Weekly Operational Update.
- The pandemic in Europe is nearing crisis level. All 20 countries with the highest rates of new cases over the last week are in Europe. Britain, France, Italy, and Spain were among the countries that recorded their highest death tolls in months.
- French President Emmanuel Macron instituted a new nationwide lockdown yesterday. In France, 2,000 new patients are being hospitalized every day, the highest numbers in the country since mid-April.
- German Chancellor Angela Merkel announced new lockdown measures on Wednesday, including closing bars and restaurants, as she vowed to avoid “situations that are extremely difficult.” Hospitalizations in Germany have doubled in the past 10 days and nearly 1,500 patients are in intensive care.
- Fourteen regions across the U.K. will be moved to Tier 2 restrictions, which ban household mixing indoors. The COVID-19 pandemic has reached a critical stage in England, officials said, with case numbers doubling since last month.
- In Belgium, all nonessential hospital work has been postponed to deal with an influx of new COVID-19 patients, whose numbers have nearly doubled in the past week, matching levels seen in the first wave of the pandemic in the spring.
- Croatia has asked former doctors to come out of retirement to help in hospitals, while National Guard troops have flown from the U.S. to the Czech Republic to assist overwhelmed health care professionals there.
- Greek Prime Minister Kyriakos Mitsotakis said on Thursday that he would announce a one-month action of “targeted restrictions” on Friday aimed at averting a second nationwide lockdown.
- On Thursday, Switzerland imposed tighter controls on social gatherings, closing nightclubs and imposing an 11 PM closing time for bars. Public gatherings are now limited to 50 people, sports and cultural activities to 15 people, and private family gatherings to 10 people. The new measures came as Switzerland recorded its highest number of daily cases since the start of the pandemic.
- Spain’s congress of deputies has voted in favor of a six-month extension of the state of emergency that was declared last Sunday. Most regions announced travel restrictions that would prevent about 80 percent of the country’s 47 million residents from visiting other parts of the country.

- E.U. leaders have agreed to fairly distribute a COVID-19 vaccine, once such a vaccine becomes available.
- Indian prime minister Narendra Modi promised to provide any successful vaccine to each of India's 1.3 billion people, and the country is preparing a database of all government and private health personnel to speed up vaccinations once they become available.
- Singapore is easing restrictions on hundreds of thousands of migrant workers who have largely been confined to their dormitories since last spring. Under the new policy, which has been in trials for the past two months, workers who test negative for the coronavirus will be allowed to visit designated recreation centers on their days off starting Saturday. There must also be no active cases in their dorms.
- Finland's government said on Thursday it would lift its restrictions on opening hours for restaurants serving mainly food but kept stricter rules on bars and nightclubs in place.
- After months of restrictions, international travelers from any country will be allowed into Costa Rica starting Nov. 1, as long as they are not displaying symptoms and have insurance to cover costs of any COVID-19 treatment or quarantine lodging during their stay.
- Saudi Arabia will open the Umrah pilgrimage to Mecca for Muslims from other countries beginning Nov. 1.
- Taiwan has gone 200 days without a locally transmitted COVID-19 cases, far longer than anywhere else in the world. A handful of countries, including New Zealand, Thailand, and Vietnam, have come close to or surpassed 100 days without any local cases, only to experience new outbreaks.
- Scotland will issue official cards for those exempt from mandatory face-covering rules to make them feel safer and confident in public and when accessing and using public spaces and services. The cards will be issued amid concerns that people with disabilities could be discriminated against if they are unable to wear a mask.
- President Vladimir Putin vowed to avoid a nationwide lockdown on Thursday, despite warnings from Russian officials of a rapidly deteriorating coronavirus situation in parts of the country.
- **Global Cases:** 44,351,506 **Total Deaths:** 1,171,255

Lifestyle, Science, and Economy

- NIH scientists have discovered a rare and deadly inflammatory disease affecting men called the VEXAS syndrome. The results from a recent study published in the [New England Journal of Medicine](#) may lead to effective therapies for the disease, which has killed 40 percent of known patients. Those afflicted have an autoinflammatory condition, with symptoms including unexplained fevers, blood clots and inflammation of the cartilage, lung tissue and blood vessels.
- Kroger announced yesterday that they will soon sell rapid COVID-19 antibody tests at all of their pharmacies. The FDA-authorized tests can detect if a person has coronavirus antibodies but not if a person is currently infected with COVID-19. Kroger said the tests cost \$25 and typically provide results within 15 minutes. The tests will be done by a licensed health professional and involve a fingerstick blood sample.
- Regeneron said this week that its antibody drug reduced coronavirus-related medical visits in a large trial of people who have not been hospitalized. The company said the antibody, which is derived from people who have recovered from the coronavirus, cut medical visits among coronavirus patients by 57 percent when

compared with standard care in a trial of about 800 participants. The effect was larger in people with one or more risk factors for COVID-19, reducing medical visits for that group by 72 percent, the company said.

- Five Yale law, medicine and public health professors, along with a national team of scientists, signed an [open letter](#) last week addressed to HHS Sec. Alex Azar calling for greater transparency in COVID-19 vaccine clinical trials. The letter, which was written in collaboration with Yale Law School's Media Freedom and Information Access Clinic, urges Azar to release information to the public about ongoing COVID-19 vaccine clinical trial designs and data collection. Given the remarkable speed at which public and private sector scientists have been working on COVID-19 vaccines, the authors argued that more openness will improve public confidence in the safety and efficacy of the vaccines once they become available, while also protecting the long-term reputation of public health agencies in the U.S.
- MMWR published [multiple](#) new articles this for this week's edition, some of which are summarized here:
 - [Trends in the Use of Telehealth During the Onset of the COVID-19 Pandemic — United States, January–March 2020](#)
 - Suggests the 154 percent increase in telehealth visits during the last week of March 2020, compared with the same period in 2019 might have been related to pandemic-related telehealth policy changes and public health guidance.
 - [COVID-19 Outbreak at an Overnight Summer School Retreat — Wisconsin, July–August 2020](#)
 - Over the summer, a COVID-19 outbreak at an overnight high-school retreat likely began with a single student who had received a negative SARS-CoV-2 molecular test result <1 week before the retreat and led to 116 (76 percent) diagnosed COVID-19 cases among attendees.
 - [COVID-19 Outbreak Among a University's Men's and Women's Soccer Teams — Chicago, Illinois, July–August 2020](#)
 - Researchers looked at 17 COVID-19 cases among a university's men's and women's soccer team and identified numerous social gatherings as possible transmission events. Minimal mask use and social distancing resulted in rapid spread among students who live, practice, and socialize together.
- A study published in *Clinical Infectious Diseases* showed that individuals who are HIV-positive and are hospitalized with COVID-19 had an age-adjusted 47 percent higher risk of 28-day mortality compared with HIV-negative individuals. In addition, among people aged <60 years, HIV-positive status more than doubled the risk of mortality after adjusting for sex, ethnicity, age, baseline date, comorbidities, and disease severity at presentation.
- CIDRAP's "[Ensuring a Resilient US Prescription Drug Supply](#)," the sixth report in a multipart series titled, "COVID-19: The CIDRAP Viewpoint," identifies the pressing issues facing the U.S. drug supply chain. It also proposes several recommendations, which if implemented, will provide a new national entity focused on better understanding the complex reasons for drug shortages and will establish a systematic approach for analyzing, predicting, preventing and mitigating drug shortages.
- Beginning in November, United Airlines will test passengers over the age of 2 for the coronavirus on select flights from Newark Liberty International Airport to Heathrow Airport in London, in a month-long trial intended to help convince government officials that testing could be a crucial part of reopening international travel.

- State University of New York students must now test negative for COVID-19 in the 10 days before leaving campus for Thanksgiving break. Campuses must work with local health officials on how to quarantine or isolate students who test positive.
- The Houston Texans closed their facility Wednesday after a player tested positive for COVID-19.
- L.A. Dodgers player Justin Turner joined his teammates on the field to celebrate their World Series win shortly after learning he had tested positive for the coronavirus.
- Pope Francis will return to holding his weekly general audiences virtually from the library of his Apostolic Palace, the Holy See announced on Thursday. The decision came after a participant in last week's audience tested positive for the coronavirus.
- Do you have questions about vaccines? Try [this article](#).
- The WHO keeps a running list of COVID-19 vaccine candidates, which you can view [here](#). STAT News also has a resource [tracking COVID-19 drugs and vaccines](#). The New York Times has a very helpful vaccine tracker as well, which you can view [here](#).
- The Johns Hopkins Center for Health Security has an extensive [list](#) of commercial and lab-developed tests.
- Continue to look at the NIH Office of Portfolio Analysis's (OPA) expert-curated [portfolio of COVID-19 publications and preprints](#). The portfolio includes peer-reviewed articles from PubMed and preprints from medRxiv, bioRxiv, ChemRxiv, and arXiv. It is updated daily with the latest available data and enables users to explore and analyze the rapidly growing set of advances in COVID-19 research.

Helpful Articles/Media

- [Effect of Timing of and Adherence to Social Distancing Measures on COVID-19 Burden in the United States](#)
- From the NIH Record: [What We've Learned About Coronavirus Pathophysiology](#)
- [Estimating risk of airborne COVID-19 with mask usage, social distancing](#)
- [Update Alert 3: Masks for Prevention of Respiratory Virus Infections, Including SARS-CoV-2, in Health Care and Community Settings](#)
- [Airborne Transmission of COVID-19: Q&A with Jonathan Samet](#)
- [Watch](#) a coronavirus vaccine update with Dr. Paul Offit
- [Here](#) is the most recent COVIDView from CDC, a weekly summary and interpretation of key indicators that have been adapted to track the COVID-19 pandemic in the U.S.
- And [here](#) is the most recent COVID-19 Science Update from the CDC.
- [Reimagining America's Infectious-Disease Defense](#)
- [Researchers Find Doubts About COVID-19 Vaccine Among People Of Color](#)
- [Understanding COVID-19 vaccine efficacy](#)
- [Herd Immunity and Implications for SARS-CoV-2 Control](#)
- [Saying human trials aren't enough, researchers call for comparison of COVID-19 vaccines in monkeys](#)
- [Why Covid-19's Impact on Health Is a Long-Term Worry](#)
- [Long-term Health Consequences of COVID-19](#)
- [The pandemic poses risks for older doctors. Some are retiring early in response.](#)

- Dr. Anthony Fauci spoke about "COVID-19: Public Health and Scientific Challenges" at the virtual 2020 American Academy of Pediatrics (AAP) National Conference & Exhibition- read about it [here](#).
- [Why people with diabetes are being hit so hard by Covid-19](#)
- [Delaying Pregnancy during a Public Health Crisis — Examining Public Health Recommendations for Covid-19 and Beyond](#)
- [Nearly Two-Thirds Of U.S. Households Struck By COVID-19 Face Financial Trouble](#)
- [Convalescent Plasma for the Treatment of COVID-19: Perspectives of the National Institutes of Health COVID-19 Treatment Guidelines Panel](#)
- [How the Pandemic Transformed This Songbird's Call](#)
- [It's Time to Put Children and Young People First During the Global COVID-19 Pandemic](#)
- [COVID-19 data on Native Americans is 'a national disgrace.' This scientist is fighting to be counted](#)
- [Reimagining Nursing Homes in the Wake of COVID-19](#)
- [Advances In ICU Care Are Saving More Patients Who Have COVID-19](#)
- [Structural Racism, Social Risk Factors, and Covid-19 — A Dangerous Convergence for Black Americans](#)
- [Transmission of SARS-CoV-2: A Review of Viral, Host, and Environmental Factors](#)
- [Covid-19: Do many people have pre-existing immunity?](#)
- [Disinfection dangers: How to avoid viruses without exposing yourself to toxics](#)
- [The AstraZeneca/Oxford University Phase 3 COVID-19 Vaccine Trial – Why Was It Paused?](#)
- [Assessing a novel, lab-free, point-of-care test for SARS-CoV-2 \(CovidNudge\): a diagnostic accuracy study](#)
- [Urban Hospitals of Last Resort Cling to Life in Time of COVID](#)
- [Some Urban Hospitals Face Closure Or Cutbacks As The Pandemic Adds To Fiscal Woes](#)
- [As COVID-19 Vaccine Trials Move At Warp Speed, Recruiting Black Volunteers Takes Time](#)
- [How a new way of parsing COVID-19 data began to show the breadth of health gaps between Blacks and whites](#)
- [Emergence of Kawasaki disease related to SARS-CoV-2 infection in an epicentre of the French COVID-19 epidemic: a time-series analysis](#)
- [Potential COVID-19 drug azithromycin may increase risk for cardiac events](#)
- [SARS-CoV-2 Viral Load Predicts Mortality in Patients with and Without Cancer Who Are Hospitalized with COVID-19](#)
- [Emory University Epidemiologist On The Future Of COVID-19](#)
- [Trump officials rush to introduce untested vaccine tracking system](#)
- [Prolonged low-dose methylprednisolone in patients with severe COVID-19 pneumonia](#)
- [Public trust in CDC, Fauci, and other top health officials is evaporating, poll finds](#)
- [The Great Vaccine Race: Inside the Unprecedented Scramble to Immunize the World Against COVID-19](#)
- [Update Alert: Epidemiology of and Risk Factors for Coronavirus Infection in Health Care Workers](#)
- [First COVID-19 Global Forecast: IHME Projects Three-Quarters of a Million Lives Could be Saved by January 1](#)
- [COVID-19 sparks 12-fold increase in remote delivery of mental health care across the US](#)

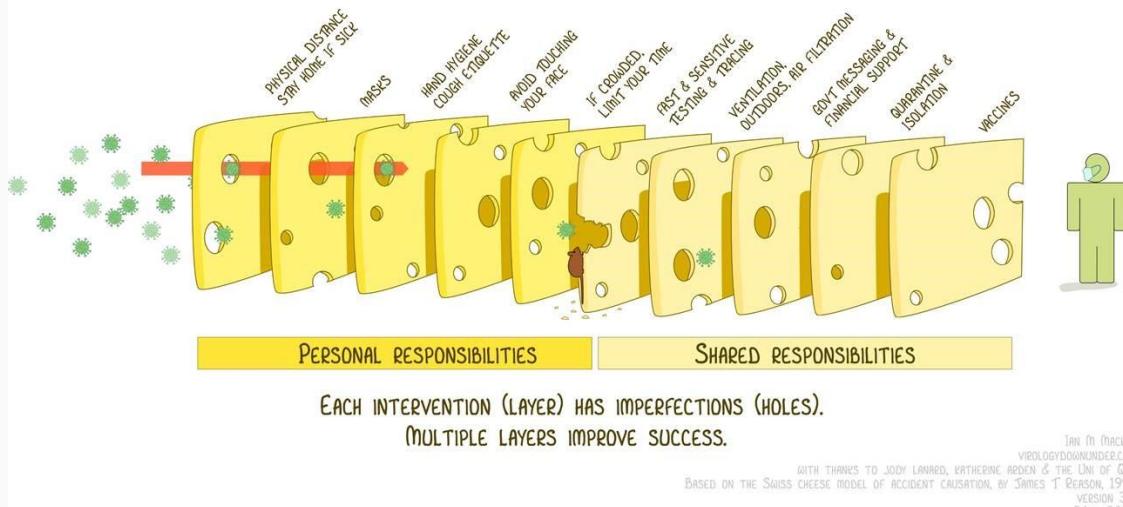
- [Rapid isothermal amplification and portable detection system for SARS-CoV-2](#)
- [Pandemic Vaccine Program Distribution, Tracking, and Monitoring](#)
- [Viewpoint of a WHO Advisory Group Tasked to Consider Establishing a Closely-Monitored Challenge Model of COVID-19 in Healthy Volunteers](#)
- [CDC director attempts to clarify controversial Covid-19 testing guidelines](#)
- [Internet Searches for Acute Anxiety During the Early Stages of the COVID-19 Pandemic](#)
- [How COVID-19 Could Aggravate the Homelessness Crisis?](#)
- From Resolve to Save Lives- [Promoting mask-wearing during the COVID-19 pandemic: A POLICYMAKER'S GUIDE](#)
- [Duration of SARS-CoV-2 Infectivity: When is it Safe to Discontinue Isolation?](#)
- [Risk for Severe COVID-19 Illness Among Teachers and Adults Living With School-Aged Children](#)
- [Pediatric SARS-CoV-2: Clinical Presentation, Infectivity, and Immune Responses](#)
- [Dust can spread influenza among guinea pigs, raising coronavirus questions](#)
- [Long-Haulers Are Redefining COVID-19](#)
- MMWR Weekly COVID-19 Briefing is a weekly podcast to update readers on the latest scientific information from CDC's COVID-19 response. In each episode, *MMWR*'s Editor-in-Chief, Dr. Charlotte Kent provides an overview of the latest scientific information published in *MMWR*. New episodes are posted every Monday. Listen to episodes [here](#).
- Listen to the Kaiser Health News podcast '[What The Health?': 'Open The Schools, Close The Bars'](#)
- [Update: COVID-19 Among Workers in Meat and Poultry Processing Facilities — United States, April–May 2020](#)
- [The Fullest Look Yet at the Racial Inequity of Coronavirus](#)
- Principal Deputy Director of the CDC, Dr. Anne Schuchat, participated in an interview with the Editor in Chief of *JAMA*. You can view it [here](#).
- [Covid-19 vaccine research must involve Black and Latinx participants. Here are 4 ways to make that happen](#)
- [Vaccine Access and Hesitancy: The Public Health Importance of Vaccines](#)
- Johns Hopkins [data capture](#).
- Other tracking data [here](#).

Common Acronyms

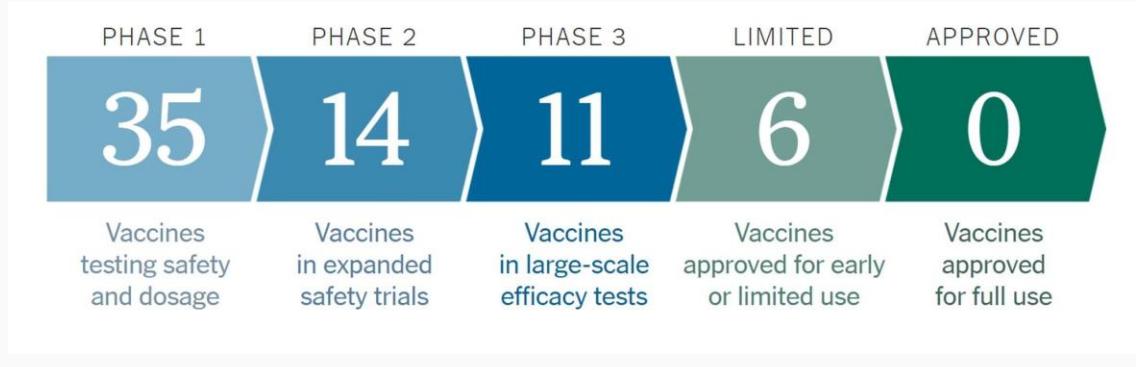
Centers for Disease Control and Prevention (CDC), World Health Organization (WHO), National Institutes of Health (NIH), Personal Protective Equipment (PPE), Department of Health and Human Services (HHS), Department of Defense (DoD), Department of Homeland Security (DHS), U.S. Department of Agriculture (USDA), Central Command (CENTCOM), Department of Housing and Urban Development (HUD), Centers for Medicare and Medicaid Services (CMS), Transportation Security Administration (TSA), Department of Veterans Affairs (VA), Assistant Secretary for Preparedness and Response (ASPR), Biomedical Advanced Research and Development Authority (BARDA), U.S. Trade Representative (USTR), Childrens Health Insurance Program (CHIP), Supplemental Nutrition Assistance Program (SNAP), Emergency Use Authorization (EUA), Executive Order (EO), Morbidity and Mortality Weekly Report (MMWR), New England Journal of Medicine (NEJM)

THE SWISS CHEESE RESPIRATORY VIRUS PANDEMIC DEFENCE

RECOGNISING THAT NO SINGLE INTERVENTION IS PERFECT AT PREVENTING SPREAD



As the caption explains, this model offers a visual representation of the importance of multiple interventions. There is no one perfect intervention at this time, which is why layering multiple efforts is most effective.



DOD COVID-19 Cumulative Totals

	Cases	Hospitalized	Recovered	Deaths
Military	55,443	739	37,227	8
Civilian	12,794	546	8,085	64
Dependent	7,886	146	5,482	8
Contractor	5,165	223	3,447	25
Total	81,288	1,654	54,241	105

As of 0600, Oct. 28, 2020

					
Army	Marine Corps	Navy	Air Force	National Guard	DOD Agencies
20,788	6,836	12,074	8,839	6,503	403

As of 0600, Oct. 28, 2020

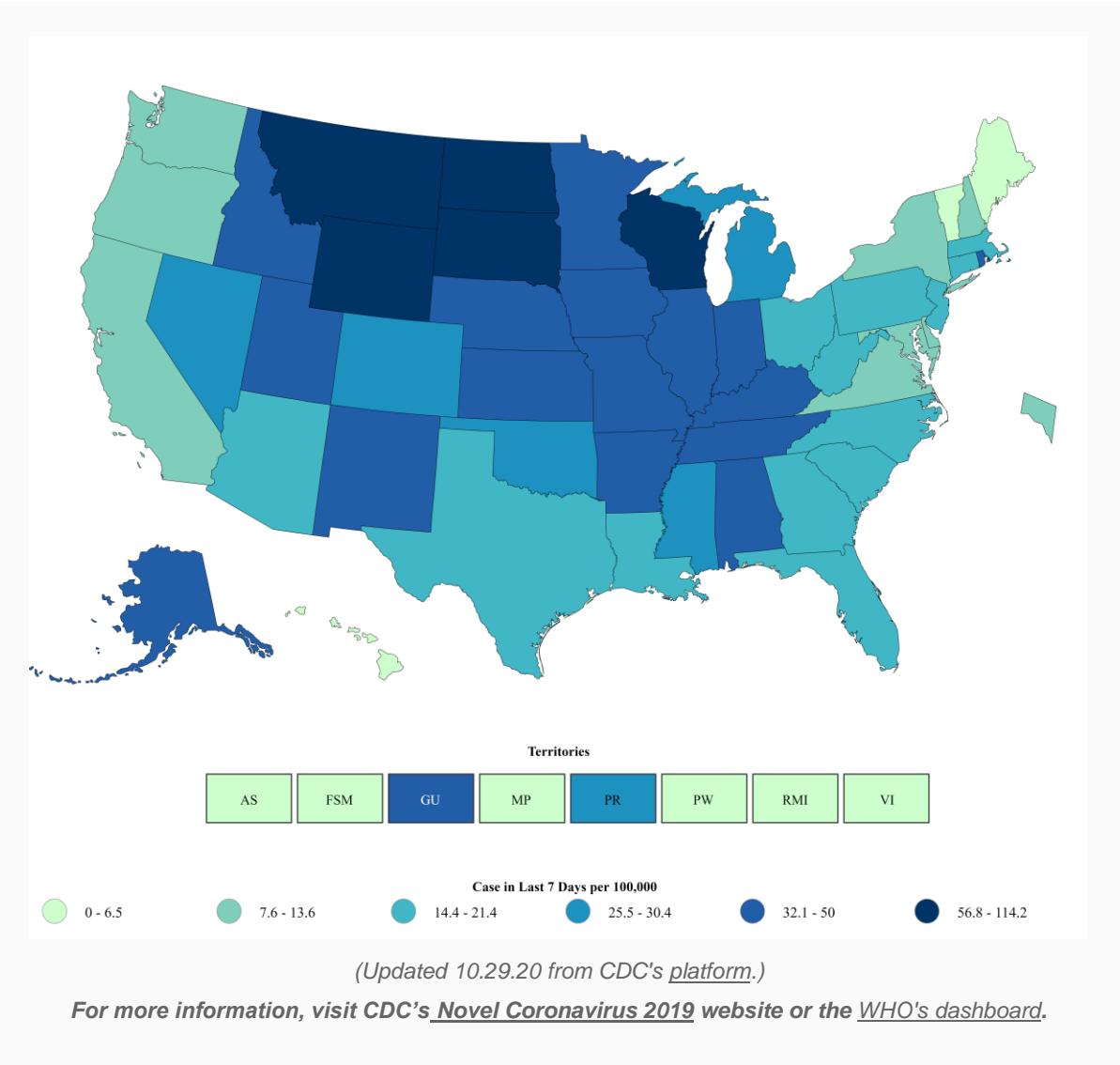
Note: These presumptive figures will be updated M-W-F and are refined as the Joint Staff Crisis Management Team receives updated/corrected reporting on case numbers.

Cumulative totals of COVID-19 cases, hospitalizations, recovered, and deaths within the DoD.

Source: <https://www.defense.gov/explore/spotlight/coronavirus/>



WHO, 10.27.20.



David R. Adelman
Principal & Director | Government Affairs