



COVID-19 Compilation

November 23, 2020

Iowa

At 10 a.m. Sunday, the state was reporting 2,192 COVID-19-related deaths, an increase of 33 deaths since the state's tally at 10 a.m. Saturday, according to the state's Coronavirus.Iowa.gov website. The state was reporting at 10 a.m. Sunday that there are 210,061 confirmed cases of coronavirus, an increase of 3,401 since 10 a.m. Saturday. The total number of people tested is 1,162,495, according to the state. Of the people who have tested positive, 116,305 have recovered.

The latest data as of 10 a.m. Sunday, compared to 10 a.m. Saturday:

- **Confirmed cases:** 210,061 an increase of 3,401.
- **Deaths:** 2,192 an increase of 33.
- **Hospitalizations:** 1,340, down from 1,416.
- **Patients in ICU:** 255, down from 276.
- **Patients on ventilators:** 132, down from 140.
- **Total tested:** 1,162,495.
- **Total recovered:** 116,305.

On Saturday, 1,340 people were hospitalized in Iowa, down from 1,416 on Friday, according to the latest information available from the state. Hospitals admitted 186 patients, down from 284. Also, there were 255 patients in the ICU, up/down from 276 the day prior. There were 132 patients on ventilators, up/down from 140 the day prior. On Saturday, the state was reporting 18.1% positive since the pandemic started. Iowa's 14-day average was 20.9% positive, according to the state. Of Iowa's 99 counties, 92 had a 14-day positivity rate above 15% on Sunday. Another six counties were reporting between 10% and 15%. Polk County, the state's most populous, was at 18.8%. Only one, Lucas County, was reporting below 10%.

Washington, D.C.

- The CDC is strongly urging Americans to stay home and avoid traveling for the Thanksgiving holiday. They've offered some tips for mitigating risks at Thanksgiving [here](#).

- Sen. Kelly Loeffler (R-GA) and Reps. Joe Courtney (D-CT) and Bryan Steil (R-WI) are the most recent Members of Congress to test positive for COVID-19. There are currently 12 Members in quarantine who have tested positive.
- The FDA published new information about the vaccine development and review process:
 - [Vaccine Development 101](#)
 - [Emergency Use Authorization for Vaccines Explained](#)
 - [The Path for a COVID-19 Vaccine from Research to Emergency Use Authorization](#)
- FDA [announced](#) it has scheduled a meeting of its Vaccines and Related Biological Products Advisory Committee (VRBPAC) on Dec. 10 to discuss the request for EUA of a COVID-19 vaccine from Pfizer-BioNTech.
- The FDA issued an EUA for casirivimab and imdevimab to be administered together for the treatment of mild to moderate COVID-19 in adults and pediatric patients (12 years of age or older weighing at least 40 kilograms [about 88 pounds]) with positive results of direct SARS-CoV-2 viral testing and who are at high risk for progressing to severe COVID-19.
- CDC uses [Travel Health Notices](#) (THNs) to alert travelers and other audiences to health threats around the world and how to protect themselves. On November 21, 2020, CDC adapted its 3-level notice system to a new [4-level system](#) for COVID-19 and updated criteria used to determine THN levels.
- [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.
- The CDC has published and updated a significant number of COVID-19 materials and resources on their [dashboard](#). To point to just a few:
 - [Facts About COVID-19 Vaccines](#)
 - [After You Travel](#)
 - [Providing Spiritual and Psychosocial Support to People with COVID-19 at Home \(Non-US Settings\)](#)
 - [Recommendations for Tribal Ceremonies and Gatherings During the COVID-19 Outbreak](#)
 - [Wastewater Surveillance Testing Methods](#)
- The FDA will host a virtual Town Hall for SARS-CoV-2 test developers. The purpose of this Town Hall is to help answer technical questions about the development and validation of tests for SARS-CoV-2. The Town Halls will take place:
 - Dec. 2, 12:15 PM
 - Dec. 9, 12:15 PM
 - Dec. 16, 12:15 PM
- The Indian Health Service announced the [IHS COVID-19 Pandemic Vaccine Plan November 2020](#). The plan details how the IHS health care system will prepare for and operationalize a vaccine when it becomes available. It also provides important guidance for all IHS federal, tribal health programs, and urban Indian organizations that choose to receive COVID-19 vaccine coordinated through IHS.
- HHS and DoD awarded Siemens Healthineers a \$12 million contract to support domestic production of two diagnostic tests for SARS-CoV-2, the virus that causes COVID-19. The funding is in addition to a \$13 million HHS contract awarded Nov. 2 to enable the company to develop the tests.

- HHS announced plans to allocate initial doses of Regeneron's investigational monoclonal antibody therapeutic, casirivimab and imdevimab. In July, the federal government [announced](#) federal funding to support large-scale manufacturing of casirivimab and imdevimab with approximately 300,000 doses of the medicine expected to result from the project. HHS will allocate these government-owned doses to state and territorial health departments which, in turn, will determine which healthcare facilities receive the infusion drug.
- NIH has awarded nearly \$45 million to expand the research network of the [Rapid Acceleration of Diagnostics Underserved Populations \(RADx-UP\)](#) program, adding 20 institutions and seven states and territories. RADx-UP aims to enable and enhance COVID-19 testing of populations disproportionately affected by the disease, including African Americans, American Indians/Alaskan Natives, Latinos/Latinas, Native Hawaiians, older adults, pregnant women and those who are homeless or incarcerated. This second round of awards brings the total investment in the RADx-UP program to more than \$283 million at 55 institutions across 33 states and territories and the Cherokee Nation.
- NIAID is hosting a virtual [workshop](#) on Post-Acute Sequelae of COVID-19 on Dec. 3 and 4 to summarize existing knowledge on post-acute manifestations of COVID-19 and to identify key knowledge gaps. The first day will include an overview of the current challenges, talks on clinical observations (both US and international), and some insights from the patient's perspective. Day one will then switch to pathogenic features of coronaviruses as well as host immunological responses, and will end with a series of talks on post-acute sequelae of COVID-19 as reported to date in various focus areas. The second day will start with a talk on the intersection of social determinants of health and race/ethnicity on post-acute COVID-19 sequelae and the charge to the breakout groups, who will dive deeper to identify key knowledge gaps regarding the sequelae in various focus areas.

Updates from the States

- Out of the cases under investigation detected by U.S. surveillance, there are **12,175,921 total cases** and **255,958 deaths**. *The CDC data closes out the day before reporting. The U.S. has surpassed 12 million cases of COVID-19.*
- The U.S. has added more than 1 million new cases in less than a week and reported more than 100,000 new COVID-19 cases daily for the last 20 days.
- Nine states — Arizona, California, Delaware, Louisiana, Maryland, New Hampshire, New Mexico, Pennsylvania, and Vermont — are reporting more than twice as many new cases a day as they did two weeks ago.
- Forty-five states are seeing sustained increases in new cases, and 17 states added more cases in the seven-day period that ended Sunday than in any other week of the pandemic.
- In Los Angeles County, California, which has been averaging more than 3,500 cases a day lately, officials said on Sunday that barring indoor restaurant dining was no longer sufficient and that outdoor dining would have to shut down as well. COVID-19 cases in California have nearly tripled since the beginning of November.
- A team of 36 National Guard troops has been deployed to "provide mortuary affairs support" in El Paso County, according to the Texas Division of Emergency Management.

- Pennsylvania Secretary of Health Dr. Rachel Levine warned in a news release that the state's hospitals could run out of ICU beds within a week.
- A major hospital group in Arizona, Banner Health, began banning most visitors from its facilities Sunday night because of the worsening spread of COVID-19.
- In North Dakota — which ranks first in the country in new COVID-19 cases per capita — health officials are rolling out free rapid COVID-19 testing for teachers, staff, and school administrators. The pilot project is designed to slow the virus' spread by identifying and quickly isolating people who may be asymptomatic.
- Massachusetts Gov. Charlie Baker (R) said his state is launching television and digital ads in several languages to encourage residents to wear masks, keep their distance from others, and get tested.
- Nevada Gov. Steve Sisolak (D) has ordered a three-week "statewide pause" that begins Tuesday. Residents will be required to wear face masks at private and public gatherings. Public gatherings will be limited to 50 people or to 25 percent capacity, whichever number is lower, and private gatherings will be limited to 10 people from no more than two households. Bars and restaurants will only be able to operate at 25 percent capacity with no more than four people per table; gyms and fitness studios may operate with no more than 25 percent capacity; and retail establishments can continue operating at 50 percent capacity.
- New York Gov. Andrew Cuomo (D) on Monday announced new restrictions in parts of his state where COVID-19 cases are rising, including New York City. Parts of Upper Manhattan, including Washington Heights, will now be a yellow zone under the state's tiered, color-coded restriction system. Gatherings will be limited to 25 people, with houses of worship limited to 50 percent capacity. Restaurants can serve only up to 4 people at a table.
- Gov. Cuomo also said he is reopening an emergency COVID-19 field hospital on Staten Island, the first such facility in the state to relaunch since the summer.
- Utah Gov. Gary Herbert (R) relaxed restrictions on social gatherings ahead of Thanksgiving. He said people still must wear masks, but he will not extend his previous two-week order that required people to limit social gatherings to people in their immediate.
- Colorado Gov. Jared Polis (D) on Monday issued an EO authorizing the state health department to order hospitals and emergency departments to transfer non-virus patients and to cease admitting new ones to deal with the influx of coronavirus cases.
- Maine Gov. Janet Mills (D) announced that all outdoor and indoor amusement venues, movie theaters, performing arts venues, casinos, and businesses that provide seated food and drink service (including social clubs, restaurants, and bars and tasting rooms currently open for outdoor service) will close for the night by 9 PM through Dec. 6.
- Vermont Gov. Phil Scott (R) said over the weekend that a maximum of two people from different homes can walk, hike, and bike together provided they wear masks and remain physically distant.
- Connecticut Gov. Ned Lamont (D), Delaware Gov. John Carney (D), New Jersey Gov. Phil Murphy (D), Rhode Island Gov. Gina Raimondo (D), Pennsylvania Gov. Tom Wolf (D), Gov. Baker, and Gov. Cuomo announced they will encourage residential colleges and universities in their respective states to provide testing for all students traveling home for Thanksgiving break to the maximum extent possible before they leave campus. Any student who tests positive will be encouraged to isolate on campus before they can travel or detail arrangements of their safe travel home with the local department of health.

- Tennessee Gov. Bill Lee (R) said in a tweet Sunday that operating hours will be extended at 35 county health departments on Monday "to provide additional COVID-19 testing options to Tennesseans before Thanksgiving."
- Montana Gov. Steve Bullock (D) on Friday limited public gatherings to 25 people where social distancing is not possible and announced a statewide mask mandate.
- North Carolina Gov. Roy Cooper (D) announced a new statewide mask mandate, requiring that all residents wear a face covering anytime they interact with someone outside their household. The order will remain in place until Dec. 11 at the earliest.
- North Carolina's Department of Health and Human Services is offering more than 120 no-cost COVID-19 community testing events, including new locations in partnership with retailers.
- Kentucky Gov. Andy Beshear (D) urged people in and around Fayette County to take advantage of new COVID-19 surge testing being conducted at Keeneland Race Course.
- New Mexico's Department of Health will open an alternate care site at the Gibson Medical Center in Albuquerque. The site will operate as a limited care facility for recovering, COVID-positive adults who do not require acute care. Those suspected of having contracted the coronavirus or who have been exposed to someone who has tested positive and who do not have a safe place to isolate or quarantine will be admitted.
- Hawaii Gov. David Ige (D) announced that starting on Nov. 24, travelers wanting to bypass Hawaii's 14-day mandatory quarantine must have COVID-19 test results, from a trusted travel partner, prior to departure to the islands.
- Nearly 300 Arkansas physicians wrote an open letter to Gov. Asa Hutchinson (R) on Sunday, asking for more COVID-19 restrictions amid the rising case numbers.
- Oregon Gov. Kate Brown (D) launched a statewide public awareness campaign with Portland-based ad agency Wieden+Kennedy to inform Oregonians about the urgent importance of limiting social gatherings — especially during the holiday season — and continuing to wear face coverings even when visiting family and friends in small gatherings.
- California Gov. Gavin Newsom (D) has gone into quarantine, along with his family, after three of the governor's children were exposed to a state highway patrol officer who later tested positive for the coronavirus.
- 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

- Anthony Tata, Performing the Duties of the Under Secretary of Defense for Policy, tested positive for COVID-19 last week after meeting with Lithuanian Minister of Defence Raimundas Karoblis on Nov. 13.
- The DoD awarded Ology Bioservices a \$37 million contract for the advanced development of anti-COVID-19 monoclonal antibody cocktail.
- To combat the rise in COVID-19 cases at the Pentagon, the Pentagon will impose new COVID restrictions, cutting maximum occupancy to 40 percent and increasing the number of temperature checks on workers entering the building beginning Nov. 26.
- An 11th service member, A 52-year-old Air Guardsman, has died from COVID-19 complications, the Hawaii National Guard confirmed.
- The DoD confirmed that U.S. troops won't be required to get the COVID-19 vaccine before a vaccine is approved by the FDA.

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.
- WHO's special envoy on COVID-19 predicted Europe is likely to face another wave of coronavirus infections before a vaccine is widely available next year.
- State-sponsored hackers from China, Russia, Iran, and North Korea are engaged in concerted attempts to steal coronavirus vaccine secrets in what security experts describe as "an intellectual property war."
- Some 10,000 people have died of the coronavirus in Italy this month — a per capita rate more than double that of the U.S.
- Mexico passed the 100,000 mark in confirmed COVID-19 deaths, becoming only the fourth country to do so. Officials say the true death toll is far higher; Mexico's count only includes test-confirmed deaths.
- The Gaza Strip is facing a shortage of ventilators as coronavirus infections surge in the Palestinian territory, the WHO said Sunday. Home to more than 2 million people, Gaza has minimal health care infrastructure and only 100 ventilators. Of those, 79 are now being used by coronavirus patients. Meanwhile, at least 684 new cases were added on Sunday alone.
- Prime Minister Boris Johnson said Monday he would lift England's national lockdown on Dec. 2., as expected, and that England would then return to a regionalized system of restrictions based on three tiers of controls. Under the plan to ease restrictions, gyms, stores, and hair salons will reopen and collective worship, weddings, and outdoor sports will be allowed to resume in all parts of England. But in the worst-affected parts of the country, pubs and restaurants will stay closed except for takeout service.
- Prime Minister Pedro Sanchez announced Spain will begin a comprehensive coronavirus vaccination program in January and expects to have covered a substantial part of the population within six months.

- Pakistan announced Monday that schools across the country will close for six weeks beginning Nov. 26 as the government confronts a sharp rise in coronavirus cases.
- Chinese officials announced that 17,719 airport cargo workers, who were sealed inside Shanghai's main airport after seven COVID-19 cases were linked to one unit, all tested negative for the coronavirus.
- Japanese Prime Minister Yoshihide Suga said Friday the government's travel and dining promotion program will be halted in coronavirus hotspots to curb further infections. Japan's daily coronavirus infections hit a record high for the fourth day in a row on Saturday.
- Hong Kong's government said on Sunday that it would give cash payments of about \$650 to residents who tested positive for the coronavirus, a policy designed to encourage people to get tested.
- The Seoul city government said on Monday that it was closing nightclubs and banning late-night restaurant dining starting Tuesday as South Korea tightened guidelines to battle a surge in coronavirus infections. No more than 10 people can attend outdoor rallies. Restaurant dining will be allowed until 9 PM, and museums, schools, churches, stadiums, and other public facilities must reduce the number of visitors and students they can accept between 20 and 67 percent of capacity, depending on the type of facility.
- Parts of Southern Ontario, including Toronto, entered the strictest phase of Canada's tiered system of restrictions on Monday. Under the new restrictions, indoor gatherings are not allowed, outdoor gatherings are limited, and in-person dining and in-person retail shopping at businesses other than select stores, including supermarkets, is prohibited.
- Portugal will ban domestic travel and close schools around two upcoming holidays to try to halt the spread of coronavirus ahead of Christmas.
- Victoria, the state once at the center of Australia's COVID-19 outbreak, has announced a further relaxation of coronavirus restrictions as it continues to report no new cases. The number of visitors allowed in one household will increase from two to 15 per day. Public outdoor gatherings will be allowed at a maximum of 50 people. The number of attendees at weddings, funerals, and religious ceremonies indoors will be increased to 150 people. Movie theaters, galleries, and museums will be allowed to host up to 150 people indoors.
- Daily COVID-19 cases in France at near two-month low.
- The French agriculture ministry said on Sunday that 1,000 minks had been slaughtered at a farm south of Paris after some of the animals tested positive for the coronavirus. Minks are being tested at two other farms.
- **Global Cases:** 58,425,681 **Total Deaths:** 1,385,218

Lifestyle, Science, and Economy

- Despite pleas from state health officials, the CDC, governors, and health care workers for people to stay home this Thanksgiving, more travelers were screened at airport security checkpoints on Sunday than on any day since the pandemic took hold in March.
- AstraZeneca announced on Monday that early analysis of some of its late-stage clinical trials, conducted in the United Kingdom and Brazil, showed that its COVID-19 vaccine was 70.4 percent effective in preventing the coronavirus. The drug maker and the University of Oxford, with whom the company partnered developed

the vaccine, said they would submit their data to regulators in Britain, Europe, and Brazil and seek emergency authorization.

- PEDSnet, an organization representing seven of the nation's largest pediatric medical centers, reports that some groups of children are faring significantly worse than children in general during the pandemic. A recent analysis of 135,000+ medical records shows the novel coronavirus hits hardest among teens, children with diabetes or cancer, lower-income families, and Black, Latinx and Asian groups.
- Results from a new MMWR [study](#) suggest that countywide mask mandates appear to have contributed to the mitigation of COVID-19 transmission in mandated counties in Kansas. Community-level mitigation strategies emphasizing use of masks, physical distancing, staying at home when ill, and enhanced hygiene practices can help reduce the transmission of SARS-CoV-2.
- A group of vaccine experts led by Children's Hospital of Philadelphia (CHOP) has published recommendations to ensure equitable distribution of a COVID-19 vaccine when it becomes available. The framework focuses on five principles the authors believe would strengthen the current immunization delivery system to ensure equitable access to everyone for whom vaccination is recommended. Read about them [here](#).
- A study on 11,000 non-critically ill hospital patients has led experts to call for mandatory blood glucose checks and treatment to reduce virus complications. The results of the study showed that abnormally high blood sugar may worsen outcomes and mortality rates for COVID-19 patients, including those without diabetes.
- Researchers at U.C. San Diego Health connect blood clots to an increased risk of death from COVID-19. The [study](#) 20 percent of the COVID-19 patients were found to have blood clots in the veins, and among patients in the intensive care unit, that statistic increased to 31 percent.
- A [study](#) published in *The Lancet Microbe* shows that COVID-19 is most contagious in the first 5 days after symptom onset, underscoring the importance of early case identification and quarantine.
- Serious psychological distress was reported by 13.6 percent of U.S. adults in April 2020 versus 3.9 percent in 2018. How psychological distress has changed over the course of the pandemic, however, is unknown. Results from this [study](#) suggest that the pandemic's longer-term disruptions are important drivers of distress.
- The bodies of hundreds of people who died in New York City during the COVID-19 surge in the spring are still in storage in freezer trucks on the Brooklyn waterfront. Many of the bodies are of people whose families can't be located or can't afford a proper burial, according to the city's Office of Chief Medical Examiner. About 650 bodies are being stored in the trucks at a disaster morgue that was set up in April on the 39th Street Pier in Sunset Park.
- One in three parents say the benefits of gathering with family for the holidays are worth the risk of spreading or getting the virus, according to the C.S. Mott Children's Hospital National Poll on Children's Health at Michigan Medicine.
- Some economists are starting to embrace the idea that a prospective COVID-19 vaccine could allow people to once again spend money on travel, restaurants and other services—and drive up prices in the U.S.
- The NCAA Division I Council announced it was extending the recruiting dead period for all sports through April 15. There has been a dead period in place since the coronavirus pandemic hit in March, meaning there

will have been no official campus visits or in-person evaluations in more than a year by the time it potentially ends in April.

- 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](#). This [AVAC pipeline tracker](#) is great, too.
- 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

- [Video replay](#) -- NIH COVID-19 Scientific Interest Group: Ethical Quandaries in the COVID-19 Pandemic
- [Racial disparities in COVID-19 mortality are driven by unequal infection risks](#)
- [Coronavirus Testing Has Gotten Better, But The U.S. Still Does Not Have Enough Tests](#)
- [Data show hospitalized Covid-19 patients are surviving at higher rates, but surge in cases could roll back gains](#)
- [60 Minutes video](#): "Post-acute COVID-19 Syndrome": COVID "long-haulers" suffering symptoms months after initial diagnosis
- The most recent COVID-19 Science Update from the CDC is [here](#).
- [Fauci on PBS News Hour](#): Thanksgiving gatherings will put families at risk.
- [Now comes the hardest part: Getting a coronavirus vaccine from loading dock to upper arm](#)
- Listen to KHN's "What the Health?" [podcast](#) with Dr. Tony Fauci. This episode is titled, "What Would Dr. Fauci Do?"
- Vaccinate Your Family had a conversation with the FDA about the vaccine approval process which you can view [here](#).
- [COVID-19 vaccines that could report Phase III data before Moderna, Pfizer-BioNTech products become broadly available](#)
- [More people are getting COVID-19 twice, suggesting immunity wanes quickly in some](#)
- [What you need to know about the Moderna and Pfizer coronavirus vaccines](#)
- [With strong data on two Covid-19 vaccines, we have more answers about the road ahead — and questions too](#)
- [The Challenges Ahead With Monoclonal Antibodies: From Authorization to Access](#)
- [Covid Is Resurging, and This Time It's Everywhere](#)
- [60 Minutes](#) did a session on OWS on Sunday evening
- [Persistence and Evolution of SARS-CoV-2 in an Immunocompromised Host](#)
- [Audio Interview: An Update from Operation Warp Speed](#)
- [NIH Videocast: Ethical & Regulatory Aspects of Clinical Research Session 7: COVID](#)

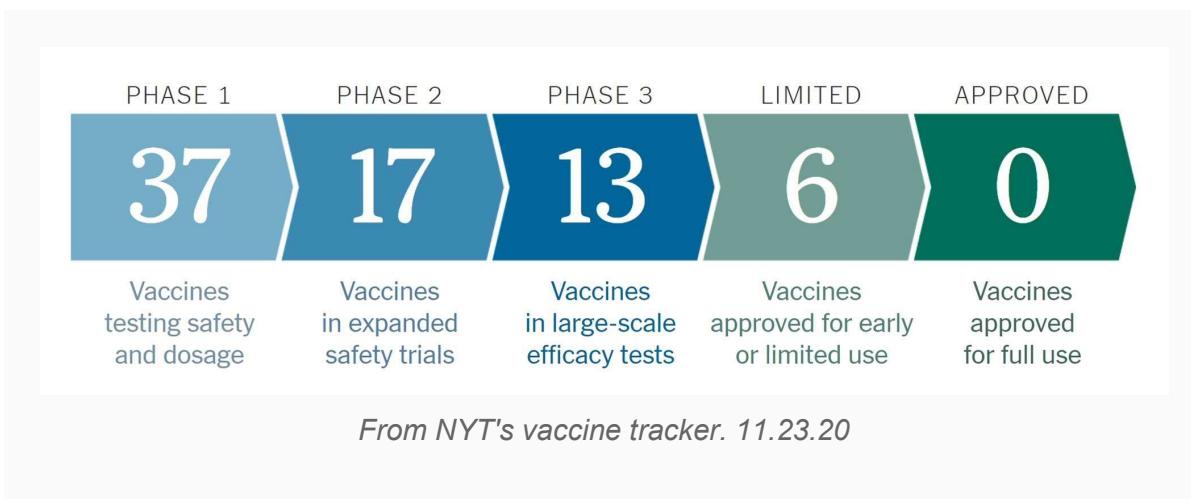
- [COVID Misinformation a Roadblock to Curbing Pandemic](#)
- [Health experts want to prioritize people of color for a Covid-19 vaccine. But how should it be done?](#)
- [Four reasons for encouragement based on Pfizer's Covid-19 vaccine results](#)
- [Covid-19, Ebola, and HIV — Leveraging Lessons to Maximize Impact](#)
- [Advisers To CDC Debate How COVID-19 Vaccine Should Be Rolled Out](#)
- [Association between SARS-CoV-2 infection, exposure risk and mental health among a cohort of essential retail workers in the USA](#)
- [Will a small, long-shot U.S. company end up producing the best coronavirus vaccine?](#)
- [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](#)
- [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](#)
- [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'](#)

- [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)



DOD COVID-19 Cumulative Totals

	Cases	Hospitalized	Recovered	Deaths
Military	74,992	821	46,102	11
Civilian	18,162	647	10,032	76
Dependent	11,030	164	6,826	8
Contractor	6,798	251	4,205	29
Total	110,982	1,883	67,165	124

As of 0600, Nov. 23, 2020

					
Army	Marine Corps	Navy	Air Force	National Guard	DOD Agencies
27,251	8,949	15,648	13,889	8,748	507

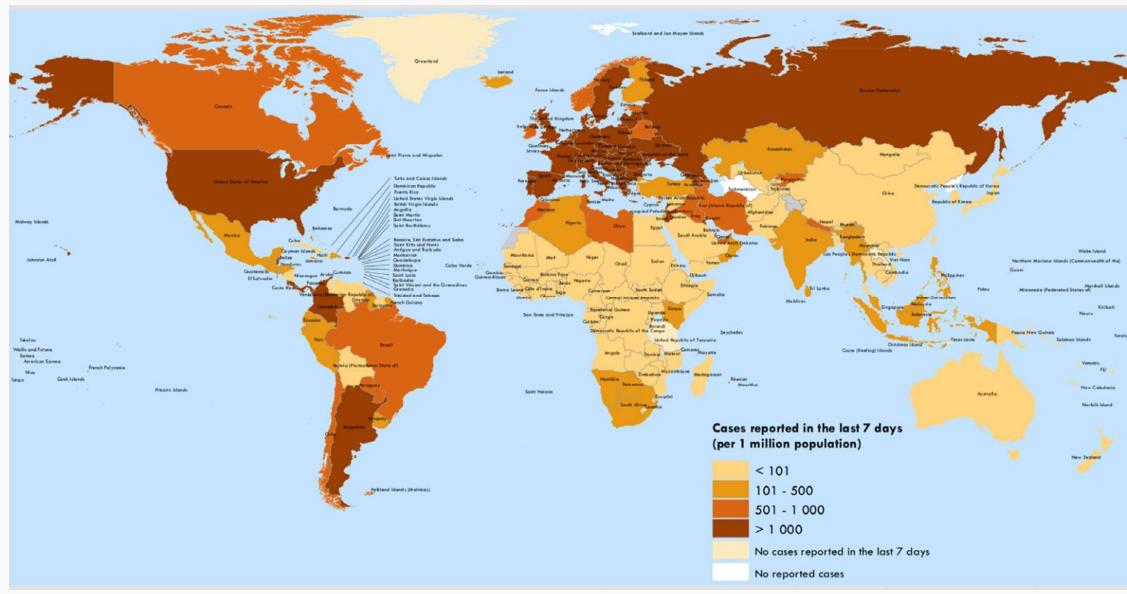
As of 0600, Nov. 23, 2020

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.

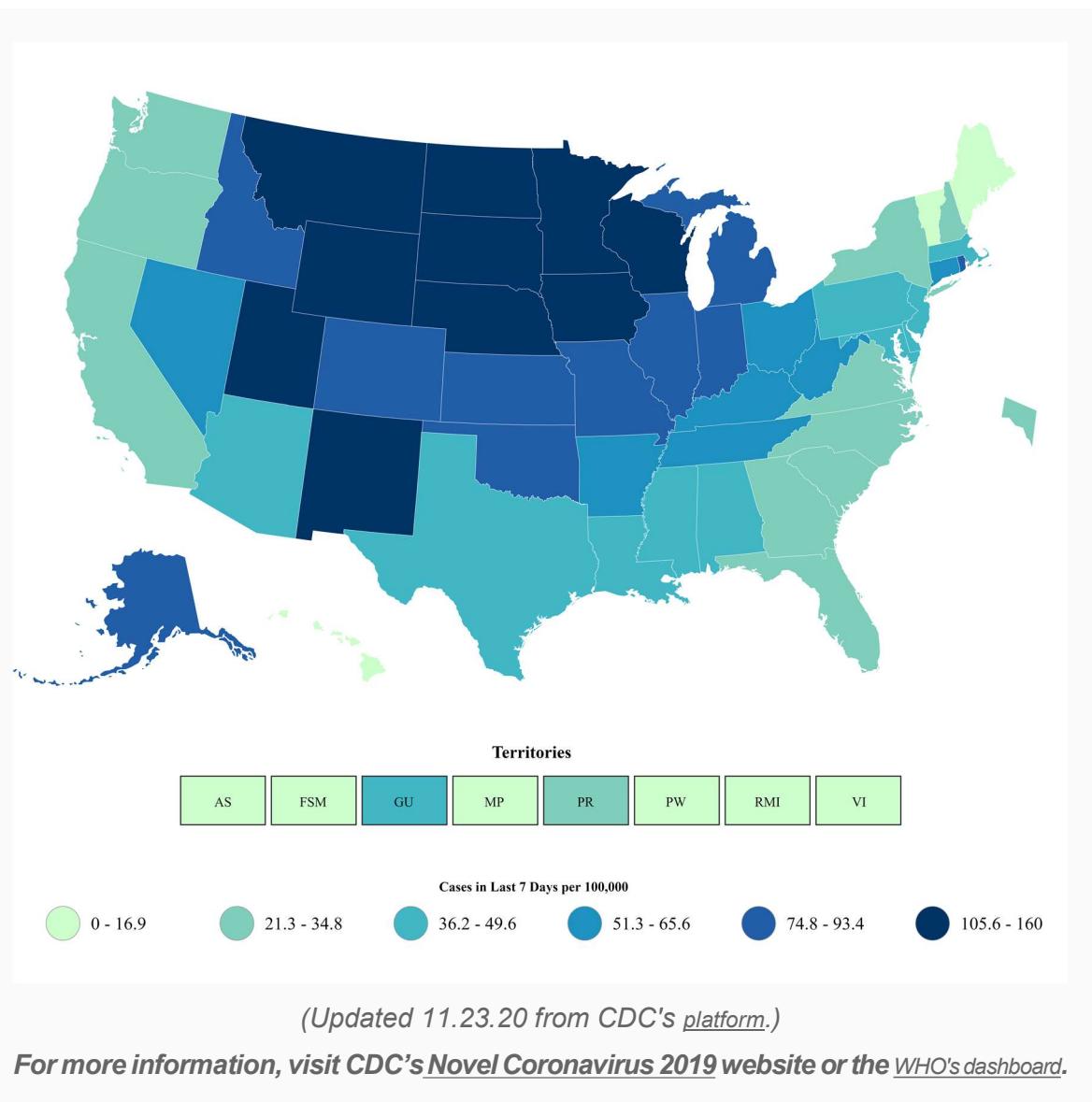
These numbers will next be updated Nov. 30.

*Cumulative totals of COVID-19 cases, hospitalizations, recovered, and deaths within the DoD. THIS WILL
NOT BE UPDATED UNTIL MONDAY, 11.30.20*

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



WHO, 11.17.20



COVID-19 Legislative Update

November 23, 2020

As a follow up to our COVID Compilation email, please see below for updates on legislation related to COVID-19. Updates will be sent on Monday evenings, until negotiations ramp up (or dissipate). For past updates, click [here](#). For updates before May 8, click [here](#).

Legislation

Supplemental IV

Timeline/Process/Politics: If any COVID-specific package comes together, it will be after the Thanksgiving recess. Leader McConnell and Speaker Pelosi has yet to engage on COVID negotiations, though they did discuss, along with Leader Schumer, add-ons to the end of the year omnibus last Thursday. It's unclear what, if anything, was agreed to be added. The subcommittee spending levels (302bs) have yet to be set. **While there's optimism that Congress could pass a full omnibus before the end of the year, they may need another CR extension before a final deal comes together.** Last week, some were worried of a potential scenario where the President could, last minute, blow up an appropriations deal by demanding a list of final policies before he leaves office. However, last Wednesday, Republicans indicated that the White House had signaled that the administration is willing to sign the approaching omnibus package.

While some have been cautiously optimistic about appropriations finishing before the end of the year, many are pessimistic about the likelihood of passing a comprehensive COVID package in lame duck. **There has yet to be real bipartisan negotiations on COVID relief other than discussions related to the omnibus.** Though there had been rumors last week that the Biden transition had been pushing for Democrats to make a deal on a smaller relief package, the Biden transition denied that assertion. After holding a meeting last Friday to discuss COVID relief, President-Elect Biden, Vice President-Elect Harris, Speaker Pelosi, and Leader Schumer issued a joint [press release](#) emphasizing their support for passing a bipartisan and comprehensive COVID relief package in the lame duck.

Passed Legislation

This section includes only new information and guidance. For past information and guidance and passed legislation, please refer to the [archives](#). For a summary of all

supplements, please see [here](#).

New Implementation Information and Guidance

- 11/18 -- The Treasury Department issued clarifying guidance on the tax deductibility of Paycheck Protection Program loans. If loans are forgiven, the expenses are not deductible. Press release [here](#).

Members of Congress in Quarantine or Treatment (new additions in bold)

Tested Positive (11): Rep. Don Young (R-AK), Sen. Rick Scott (R-FL), Rep. Tim Walberg (R-MI), Rep. Cheri Bustos (D-IL), Sen. Chuck Grassley (R-IA), Rep. Ed Perlmutter (D-CO), Rep. Dan Newhouse (R-WA), Rep. Doug Lamborn (R-CO), Sen. Kelly Loeffler (R-GA), Rep. Brian Steil (R-WI), Rep. Joe Courtney (D-CT)

Currently Self-Quarantined (1): Rep. Mark Pocan (D-WI)

Recovered (16): Sen. Rand Paul (R-KY), Rep. Joe Cunningham (D-SC), Rep. Ben McAdams (D-UT), Rep. Mario Diaz-Balart (R-FL), Rep. Mike Kelly (R-PA), Rep. Nydia Velazquez (D-NY), Rep. Neal Dunn (R-FL), Rep. Tom Rice (R-SC), Rep. Morgan Griffith (R-VA), Rep. Louie Gohmert (R-TX), Rep. Raúl Grijalva (D-AZ), Rep. Rodney Davis (R-IL), Sen. Bill Cassidy (R-LA), Rep. Jenniffer Gonzalez-Colon (R-Puerto Rico at large), Rep. Dan Meuser (R-PA), Rep. Jahana Hayes (D-CT), Sen. Mike Lee (R-UT), Sen. Thom Tillis (R-NC), Sen. Ron Johnson (R-WI), Rep. Salud Carbajal (D-CA), Rep. Mike Bost (R-IL), Rep. Bill Huizenga (R-MI), Rep. Drew Ferguson (R-GA)

Completed Quarantine (47): Sen. Ted Cruz (R-TX), Rep. Mark Meadows (R-NC)*, Sen. Lindsay Graham (R-SC), Rep. Don Beyer (D-VA), Rep. Sharice Davids (D-KS), Rep. Doug Collins (R-GA), Rep. Paul Gosar (R-AZ), Sen. Cory Gardner (R-CO), Sen. Rick Scott (R-FL), Rep. Matt Gaetz (R-FL), Rep. Jason Crow (D-CO), Rep. Julia Brownley (D-CA), Rep. Ben Ray Luján (D-NM), Rep. Gwen Moore (D-WI), Rep. Stephanie Murphy (D-FL), Rep. John Yarmuth (D-KY), Rep. Adam Schiff (D-CA), Rep. Vincente Gonzalez (D-TX), Rep. Drew Ferguson (R-GA), Rep. David Schweikert (R-AZ), Rep. Anthony Brindisi (D-NY), Rep. David Price (D-NC), Rep. Ann Wagner (R-MO), Rep. Kathleen Rice (D-NY), Rep. Matt Cartwright (D-PA), Rep. Tom Cole (R-OK), Rep. Steve Scalise (R-LA), Rep. Frederica Wilson (D-FL), Rep. Andy Kim (D-NJ), Rep. Kendra Horn (D-OK), Sen. Mike Lee (R-UT), Sen. Mitt Romney (R-UT), Rep. Katie Porter (D-CA), Rep. Seth Moulton (D-MA), Rep.

Lizzie Fletcher (D-TX), Rep. Josh Gottheimer (D-NJ), Rep. Ayanna Pressley (D-MA), Rep. Mikie Sherrill (D-NJ), Sen. Lamar Alexander (R-TN), Rep. Randy Weber (R-TX), Rep. Kay Granger (R-TX), Rep. Mike Johnson (R-LA), Rep. Jody Hice (R-GA), Rep. Guy Reschenthaler (R-PA), Sen. Ron Johnson (R-WI), Sen. Shelley Moore Capito (R-WV), Rep. Lisa Blunt Rochester (D-DE), Sen. Ben Sasse (R-NE), Sen. James Lankford (R-OK), Sen. Ted Cruz (R-TX), Rep. Mike Johnson

David R. Adelman

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