COVID-19 Newsletter (vol. 69)

Center for Disaster Medicine, New York Medical College

Follow this and additional works at: https://touroscholar.touro.edu/nymc_covid19_newsletter

Part of the Infectious Disease Commons, Influenza Humans Commons, and the Virus Diseases Commons
Tuesday, April 27, 2021

During this COVID-19 pandemic and other future events, the Center for Disaster Medicine (CDM) at New York Medical College has been and will continue to be a source of reliable information, education and models for mitigation, preparedness, response and recovery. We hope this informational document helps in providing filtered and actionable information. As the pace of new information and changes occur, we will evaluate the current once per week to determine if this information should be provided on a more frequent basis.

David Markenson, M.D., M.B.A.
Director
Center for Disaster Medicine

COVID-19 Statistics
<table>
<thead>
<tr>
<th>Region</th>
<th>Cases</th>
<th>Deaths</th>
<th>Recovered</th>
<th>Unavailable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Worldwide</td>
<td>147,918,659</td>
<td>3,122,200</td>
<td>85,628,214</td>
<td>Not Available</td>
</tr>
<tr>
<td>United States</td>
<td>32,125,098</td>
<td>572,674</td>
<td>Not Available</td>
<td>427,217,093</td>
</tr>
<tr>
<td>New Jersey</td>
<td>988,886</td>
<td>25,399</td>
<td>Not Available</td>
<td>13,373,810</td>
</tr>
<tr>
<td>New York</td>
<td>2,034,102</td>
<td>52,042</td>
<td>Not Available</td>
<td>50,361,096</td>
</tr>
<tr>
<td>Connecticut</td>
<td>336,933</td>
<td>8,066</td>
<td>Not Available</td>
<td>7,889,286</td>
</tr>
</tbody>
</table>

Information as of 4/27/21 at 0600 EDT. Source: [https://coronavirus.jhu.edu/map.html](https://coronavirus.jhu.edu/map.html)

**United States COVID-19 Case Map / GIS**

![United States COVID-19 Case Map](https://coronavirus.jhu.edu/map.html)

**Center for Disaster Medicine Updates**
• On April 26, 2021, collaborated with National Medical Society of Spain and presented at National Medical Society Annual Conference regarding “The importance of increasing medical training for police officers in Spain during COVID-19.”
• Presented lecture regarding COVID-19 response and best practices to graduate students enrolled in Master in Homeland Security degree in Guatemala.
• Coordinating and overseeing COVID-19 screenings at NYMC campus.
• Continue to partner with local organizations such as Westchester Department of Emergency Services and Westchester Medical Center to ensure ongoing collaboration with all public safety agencies.
• Coordinating volunteers to support local public health response to COVID-19.
• Conducting research and analysis of current events and COVID-19 response to identify strengths and areas for improvement in other regions.
• Updating and developing new programs to provide enhanced education on public health emergencies including pandemics.
• Exploring course development opportunities in infection prevention and control for frontline responders in the hospital and in the field.
• Serving as a source of information for COVID-19 related concerns or questions regarding public health, emergency medical service (EMS), public safety and healthcare response.
• Local networking and pandemic response analysis for New York’s tri-state area, using first-person experiences to highlight current trends.

To view the Center for Disaster Medicine’s newest webinar, please click here - The COVID-19 Vaccine: What to Tell Your Patients

Federal
• Following a thorough safety review, including two meetings of the CDC’s Advisory Committee on Immunization Practices, the U.S. Food and Drug Administration and the U.S. Centers for Disease Control and Prevention have determined that the recommended pause regarding the use of the Janssen (Johnson & Johnson) COVID-19 Vaccine in the U.S. should be lifted and use of the vaccine should resume. The pause was recommended after reports of six cases of a rare and severe type of blood clot in individuals following administration of the Janssen COVID-19 Vaccine. During the pause, medical and scientific teams at the FDA and CDC examined available data to assess the risk of thrombosis involving the cerebral venous sinuses, or CVST (large blood vessels in the brain) and other sites in the body (including but not limited to the large blood vessels of the abdomen and the veins of the legs) along with thrombocytopenia, or low blood platelet counts. The teams at FDA and CDC also conducted extensive outreach to providers and clinicians to ensure they were made aware of the potential for these adverse events and could properly manage and recognize these events due to the unique treatment required for these blood clots and low platelets, also known as thrombosis-thrombocytopenia syndrome (TTS).
https://www.cdc.gov/media/releases/2021/fda-cdc-lift-vaccine-use.html
The White House

Press Briefing by White House COVID-19 Response Team and Public Health Officials: On April 23, 2021, Dr. Walensky provided an update on the state of the pandemic, Dr. Fauci highlighted the latest science and Dr. Murthy shared an update on our efforts to strengthen vaccine confidence.  

Statement of President Joe Biden on Senate Passage of the COVID-19 Hate Crimes Act  

The official website of the White House delivers bold action and immediate relief for American families as the country grapples with converging crises. This includes actions to control the COVID-19 pandemic, provide economic relief, tackle climate change and advance racial equity and civil rights, as well as immediate actions to reform our immigration system and restore America’s standing in the world.  
https://www.whitehouse.gov

Health and Human Services (HHS)

HHS Launches ‘We Can Do This: Live’ Initiative to Increase COVID-19 Vaccine Confidence- As part of the Biden-Harris Administration’s “We Can Do This” public education campaign to increase confidence in the COVID-19 vaccines and encourage vaccination, the Department of Health and Human Services (HHS) is launching a new initiative today to connect Americans with facts and information on vaccines from doctors, scientists and health professionals through high-impact digital platforms.  

For the latest COVID-19 information from HHS  

National Institutes of Health (NIH)

COVID-19 vaccine responses to be studied in people with immune deficits- A study assessing how people with immune system deficiencies or dysregulations respond to COVID-19 vaccination has begun enrolling participants at the National Institutes of Health Clinical Center in Bethesda, Maryland. The single-site study is led by researchers from the National Institute of Allergy and Infectious Diseases (NIAID) and aims to enroll 500 people, 400 with primary or secondary immune system disorders and 100 without such conditions.  
Clinical trial of therapeutics for severely ill hospitalized COVID-19 patients begins- A new Phase 3 trial to test the safety and efficacy of therapeutics for COVID-19 has begun enrolling patients hospitalized with life-threatening cases of COVID-19, including those with acute respiratory failure. The trial is supported by two components of the National Institutes of Health, the National Institute of Allergy and Infectious Diseases (NIAID) and the National Heart, Lung and Blood Institute (NHLBI), and is part of the NIH Accelerating COVID-19 Treatment Interventions and Vaccines (ACTIV) public-private partnership.

Large NIH clinical trial will test polyclonal antibody therapeutic for COVID-19- A Phase 2/3 trial to evaluate a new fully-human polyclonal antibody therapeutic targeted to SARS-CoV-2, called SAB-185, has begun enrolling non-hospitalized people with mild or moderate cases of COVID-19. The trial, ACTIV-2, is sponsored by the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health. The therapeutic was developed by SAB Biotherapeutics, Inc.

View the latest COVID-19 information from NIH
https://www.nih.gov/coronavirus

---

United States Food and Drug Administration (FDA)

As of April 23, 2021, 369 tests and sample collection devices are authorized by the FDA under emergency use authorizations (EUAs). These include 270 molecular tests and sample collection devices, 76 antibody and other immune response tests and 23 antigen tests. There are 49 molecular authorizations and one antibody authorization that can be used with home-collected samples. There is one molecular prescription at-home test, two antigen prescription at-home tests, four over-the-counter (OTC) at-home antigen tests, and two OTC molecular tests. The FDA has authorized 8 antigen tests and 2 molecular tests.
tests for serial screening programs. The FDA has also authorized 466 revisions to EUA authorizations.

FDA Continues Important Steps to Ensure Quality, Safety and Effectiveness of Authorized COVID-19 Vaccines- The U.S. Food and Drug Administration takes its responsibility to ensure medical product quality, safety and effectiveness very seriously. The American public puts its trust in the agency to ensure that all medical products, including COVID-19 vaccines, meet the agency's standards for quality, safety and effectiveness.

For the latest overall FDA information about COVID-19.

Centers for Disease Control and Prevention (CDC)

On April 26, 2021, CDC provides guidance regarding Stay Safer While You Wait for COVID-19 Vaccines

On April 24, 2021, CDC provides updated Guidance for Operating Youth and Summer Camps During COVID-19- This guidance is intended for all types of youth day camps with additional guidance provided for overnight camps. Organizations that provide summer day camps on school grounds should use the guidance.

CDC provides updated guidance regarding the possibility of getting COVID-19 even after vaccination - COVID-19 vaccines are effective. However, a small percentage of people who are fully vaccinated will still get COVID-19 if they are exposed to the virus that causes it. These are called “vaccine breakthrough cases.” This means that while people who have been vaccinated are much less likely to get sick, it may still happen. Experts continue to study how common these cases are.

CDC provides updated information about the variants in the United States- The emerging variants CDC is closely monitoring have mutations in the virus genome that alter the characteristics and cause the virus to act differently in ways that are significant to public health (e.g., causes more severe disease, spreads more easily between humans, requires different treatments, changes the effectiveness of current vaccines). It’s important to understand that genetic mutations are expected, and some variants can spread and become predominant while others subside.
CDC provides daily data tracker which has maps and charts tracking cases, deaths and trends of COVID-19 in the United States- updated daily by 8 pm ET.  
https://covid.cdc.gov/covid-data-tracker/#datatracker-home

For the latest CDC information  

Center for Medicare and Medicaid Services (CMS)

View the latest information from CMS  

Vaccines

In this section, vaccine-related information from various sources will be collected, reviewed and tabulated here. As of April 27, 2021, the FDA has granted Emergency Use Authorization (EUA) to Pfizer BioNTech, Moderna and Janssen/Johnson & Johnson. Now with three vaccines with EUA, the goal is to vaccinate a larger number of persons in the coming months throughout the United States. As additional vaccines are granted EUA, information for those vaccines will also be included.

On April 23, 2021, CDC and FDA lift recommended pause on Johnson & Johnson (Janssen) COVID-19 Vaccine Use Following Thorough Safety Review- Following a thorough safety review, including two meetings of the CDC’s Advisory Committee on Immunization Practices, the U.S. Food and Drug Administration and the U.S. Centers for Disease Control and Prevention have determined that the recommended pause regarding the use of the Johnson & Johnson (Janssen) COVID-19 Vaccine in the U.S. should be lifted and use of the vaccine should resume.  

CDC provides update on “How to talk about COVID-19 vaccines with friends and family”- COVID-19 vaccines are new, and it’s normal to for people to have questions about them. The sheer amount of information—and misinformation—about COVID-19 vaccines can be overwhelming to anyone.  

CDC created this section regarding COVID-19 vaccinations in the United States- CDC provides overall US COVID-19 Vaccine, deliveries and administration, maps, charts and data updated daily by 8 PM. This section represents all vaccine partners including jurisdictional partner clinics, retail pharmacies, long-term care facilities, Federal Emergency Management Agency and Health Resources and Services Administration partner sites and federal entity facilities.  
https://covid.cdc.gov/covid-data-tracker/#vaccinations

CDC created this section regarding the Johnson & Johnson’s Janssen vaccine to provide updated relevant information including side effects and safety data, clinical trials, demographic statistics and information on how the vaccine works.
CDC created this section regarding the Moderna vaccine to provide updated relevant information including side effects and safety data, clinical trials demographic statistics and information on how the vaccine works.

CDC created this section regarding the Pfizer BioNTech vaccine to provide updated relevant information including side effects and safety data, clinical trials demographic statistics and information on how the vaccine works.

HHS created this section to provide the latest information about COVID-19 vaccines.

On April 26, 2021, Governor Cuomo updated New Yorkers on the state’s vaccination program. 115,854 doses have been administered across the state’s vast distribution network in the last 24 hours and more than 1.1 million doses have been administered over the past seven days.

The NYS DOH COVID-19 Vaccine Tracker Dashboard will update New Yorkers on the distribution of the vaccine including the number of doses received by the state, a breakdown of first or second doses and the number of persons vaccinated with the first and second doses in each region.
https://covid19vaccine.health.ny.gov/covid-19-vaccine-tracker

NYS DOH releases instructions for New York State-operated vaccination sites
https://covid19vaccine.health.ny.gov/

NYC DHMH provides 2021 Health Advisory #8 Administration of Johnson & Johnson/ Janssen COVID-19 Vaccine Can Resume in New York City.

For NYC DOHMH updated guidance regarding COVID-19 vaccine
https://www1.nyc.gov/site/doh/covid/covid-19-vaccines.page

The Vaccine Finder is a one-stop site for New Yorkers to find their nearest COVID-19 vaccination location. The Vaccine Finder can also provide New Yorkers with information to schedule vaccination appointments.
https://vaccinefinder.nyc.gov/

---

**Educational Institution Information**

- Higher Education
  - When colleges switched to emergency remote instruction last year, some online learning advocates feared the hasty transition would leave
students with a negative impression of online learning. While more pre-pandemic online courses resulted from months of careful planning and significant financial investment, few instructors enjoyed these luxuries last spring. Despite the challenges and shortcomings of this emergency transition to remote instruction, a majority of students want the option to keep studying online, according to new survey results. The Digital Learning Pulse survey, published today, is the fourth in a series of surveys published by Bay View Analytics in partnership with Cengage, the Online Learning Consortium, the WICHE Cooperative for Educational Technologies and the University Professional and Continuing Education Association. [https://www.insidehighered.com/news/2021/04/27/survey-reveals-positive-outlook-online-instruction-post-pandemic](https://www.insidehighered.com/news/2021/04/27/survey-reveals-positive-outlook-online-instruction-post-pandemic)

- It was a trickle that became a deluge, as four-year colleges of all sorts began to announce their fall 2021 plans. Many took great pains to advertise a large share of in-person classes and activities, pushing as much as they could for a “return to normal.” Now that plan -- a return to majority in-person classes -- has become the norm among four-year institutions. But many community colleges have been planning for something different. Some have announced that classes will be largely remote this fall, rejecting some of the optimism of their peers. [https://www.insidehighered.com/news/2021/04/22/community-colleges-keeping-more-classes-online](https://www.insidehighered.com/news/2021/04/22/community-colleges-keeping-more-classes-online)

- K-12
  - In a recent report, the department of Education details rules on how states can maintain K-12 funding under pandemic relief initiatives. For more details on these findings, please visit [https://www.k12dive.com/news/ed-dept-lays-out-rules-for-maintaining-state-k-12-spending-under-covid-19/598739/](https://www.k12dive.com/news/ed-dept-lays-out-rules-for-maintaining-state-k-12-spending-under-covid-19/598739/)

**Clinical Trials**


**American Red Cross**


**State Updates**
New York

- Governor Andrew M. Cuomo announced that the Essential Workers Monument Advisory Committee met for the first time on Thursday, April 22. The Governor participated in the first meeting to discuss the design and other recommendations for a monument in New York City honoring the service and sacrifice of New York's essential workers throughout the COVID-19 pandemic. [https://www.governor.ny.gov/news/governor-cuomo-announces-first-meeting-essential-workers-monument-advisory-committee](https://www.governor.ny.gov/news/governor-cuomo-announces-first-meeting-essential-workers-monument-advisory-committee)

- Statement from Governor Cuomo on the resumption of the Johnson and Johnson vaccine: "World-renowned public health experts from the federal government and our own independent state task force have reviewed the data and reaffirmed that the use of the Johnson & Johnson vaccine can resume. The state of New York will resume administration of this vaccine at all of our state-run sites effective immediately. The vaccine is the weapon that will win the war against COVID and allow everyone to resume normalcy and we have three proven vaccines at our disposal. I urge every New Yorker to take whichever one is available to them first. The sooner we all get vaccinated, the sooner we can put the long COVID nightmare behind us once and for all." [https://www.governor.ny.gov/news/statements-governor-cuomo-and-new-york-state-health-commissioner-dr-howard-zucker-regarding](https://www.governor.ny.gov/news/statements-governor-cuomo-and-new-york-state-health-commissioner-dr-howard-zucker-regarding)

New York State Department of Health (DOH)

On April 26, 2021, Governor Cuomo announced that spectator capacity at large-scale outdoor event venues, including professional and collegiate sports and live performing arts and entertainment, will increase from 20 to 33 percent beginning May 19. This increase will coincide with the previously announced increase in large-scale indoor event venue capacity. Social distancing, masks, health screenings and all other State health and safety protocols remain in effect. [https://www.governor.ny.gov/news/governor-cuomo-announces-additional-reopening-guidance-and-updates-new-yorkers-states-progress](https://www.governor.ny.gov/news/governor-cuomo-announces-additional-reopening-guidance-and-updates-new-yorkers-states-progress)


NYS DOH has created a dynamic COVID-19 Tracker which provides COVID-19 information regarding testing, cases, percentages and fatalities across New York State. It also breaks down cases by county. [https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n](https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n)

For the latest COVID-19 information from NYS DOH [https://coronavirus.health.ny.gov/home](https://coronavirus.health.ny.gov/home)
New Jersey

- Governor Phil Murphy signed A5405, which will direct $10 million from the Coronavirus Relief Fund established under the Federal Coronavirus Aid, Relief and Economic Security (CARES) Act to the New Jersey Department of Agriculture. This funding will be distributed to seven New Jersey food banks in order to continue providing families with food assistance during the pandemic. Governor Murphy previously allocated $25 million in Coronavirus Relief Fund (CRF) funding to food banks in New Jersey. [https://www.state.nj.us/governor/news/news/562021/approved/20210421b.shtml](https://www.state.nj.us/governor/news/news/562021/approved/20210421b.shtml)
- Governor Murphy announced the easing of restrictions for a variety of activities and higher outdoor capacity limits, effective May 10. The changes, which include higher outdoor gathering limits, higher large venue outdoor capacities, higher maximum capacities for private catered events, and more, come as COVID-19 metrics are on the decline and as more New Jerseyans continue to receive COVID-19 vaccines. [https://www.state.nj.us/governor/news/news/562021/approved/20210426a.shtml](https://www.state.nj.us/governor/news/news/562021/approved/20210426a.shtml)

Connecticut

- Governor Ned Lamont announced that he is proposing to invest $103 million in funding that Connecticut is receiving from the American Rescue Plan Act to ensure that workers whose employment has been impacted by the COVID-19 pandemic have access to industry-aligned training programs that address the immediate hiring demands of employers and provide job seekers with employment opportunities. [https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2021/04-2021/Governor-Lamont-Announces-Proposal-for-Using-American-Rescue-Plan-Funds-To-Rebuild-Workforce](https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2021/04-2021/Governor-Lamont-Announces-Proposal-for-Using-American-Rescue-Plan-Funds-To-Rebuild-Workforce)
- Governor Lamont provided legislative leaders and committees of cognizance with his proposal for use of the federal COVID-19 recovery funding that Connecticut is receiving from the American Rescue Plan Act. The proposal was developed pursuant to Special Act 21-1, which requires the governor to provide the Connecticut General Assembly with a plan for investing the funds. That law also requires the legislature’s Appropriations Committee to create its own proposal by May 16, and then the two plans will be subject to final negotiations between the legislature and the governor. [https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2021/04-2021/Governor-Lamont-Releases-Proposal-for-American-Rescue-Plan-Act](https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2021/04-2021/Governor-Lamont-Releases-Proposal-for-American-Rescue-Plan-Act)
- Governor Lamont announced that beginning Tuesday, April 27, 2021, more than 50 providers of COVID-19 vaccines in Connecticut will no longer require an appointment prior to providing individuals with vaccinations. Connecticut residents will be able walk-up to the clinic and receive a vaccination on-the-spot. For the most up-to-date list of walk-up clinics, visit: [ct.gov/covidvaccine/walkup](https://ct.gov/covidvaccine/walkup)
Local Updates

New York Blood Center (NYBC)
For the latest updated NYBC information about COVID-19: https://nybc.org/covid-19/

New York City (NYC) Department of Health and Mental Hygiene (DOHMH)
For the latest COVID-19 information from NYC DOHMH https://www1.nyc.gov/site/doh/covid/covid-19-main.page

Westchester County Department of Health
For the latest breakdown of positive cases in Westchester County as of April 25, 2021 https://wcgis.maps.arcgis.com/apps/dashboards/280339d96db14efd9cc304dba0f3a71d
For the latest COVID-19 information in Westchester including how to avoid the latest vaccine scams offering earlier access to vaccines. 

**Putnam County Department of Health**

Breakdown of positive cases by towns in Putnam County as of April 23, 2021-
https://www.putnamcountyny.com/covid19/

For the latest COVID-19 information
https://www.putnamcountyny.com/health/coronavirus/

**Dutchess County Department of Health**

Breakdown of positive cases in Dutchess County as of April 26, 2021

For the latest COVID-19 information:

**Orange County Department of Health**

Updated COVID-19 dashboard for Orange County, NY as of April 26, 2021
https://ocnygis.maps.arcgis.com/apps/dashboards/21de1fb5ce0c480f95dc0cf2b8b83b71

For the latest COVID-19 information

**Rockland County Department of Health**

Review Rockland County’s dashboard with the latest COVID-19 information regarding cases as of April 26, 2021
https://www.arcgis.com/apps/dashboards/d074e0336e81449393a76d1768ceb096

For the latest COVID-19 information

**Health care**

CDC ACIP Recommends Lifting Pause of Johnson & Johnson Vaccine; Updated New York State HERDS Questions- GNYHA announces that the Centers for Disease Control and Prevention (CDC) Advisory Committee on Immunization Practices (ACIP) met today and voted to reaffirm that “Janssen [Johnson & Johnson] vaccine is recommended for persons 18 years of age and older in the U.S. population under the Food and Drug Administration’s Emergency Use Authorization.” Federal health officials will likely quickly take this recommendation and formally lift the pause on the use of single-dose Johnson & Johnson COVID-19 vaccine. GNYHA will provide updates from Federal and State agencies as we receive them.  
For the latest COVID-19 information for healthcare facilities from the Greater New York Hospital Association that covers hospitals in the tri-state area.
https://www.gnyha.org/

Center for Disaster Medicine Media

New York Medical College Leadership News:
How Keeping Middle Seat Open on Airplanes Reduces COVID-19 Spread
Healthline
4/19/2021

Robert W. Amler, M.D., M.B.A., dean of the School of Health Sciences and Practice and vice president for government affairs

Every effort is made to provide accurate and complete information in this newsletter. However, New York Medical College cannot guarantee that there will be no errors. NYMC makes no claims, promises or
guarantees about the accuracy, completeness, or adequacy of the contents of the newsletters or the articles linked herein and further expressly disclaims liability for errors and omissions in the contents of this newsletter.

This newsletter is for informational purposes only; it does not constitute medical advice. Always seek the advice of your physician or other qualified health provider with any questions you may have regarding a medical condition.

Center for Disaster Medicine
7 Dana Road, Suite 511
New York Medical College
Valhalla, New York 10595
(914) 594-1750
nymc.edu/disastermed