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COVID-19 Newsletter (Vol. 146)

Center for Disaster Medicine, New York Medical College

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To: NYMC_COVID19NEWSLETTER@LISTSERV.TOURO.EDU
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Center for Disaster Medicine



Information Brief

Tuesday, November 22, 2022

As the COVID-19 pandemic continues to evolve, we are seeing other emerging public health threats/emergencies and we continue to address ongoing/emerging disaster issues, the Center for Disaster Medicine (CDM) has been and will continue to be a source of reliable information, education and models for mitigation, preparedness, response, and recovery. As such we have expanded this informational document to address the broader areas addressed by the center while retaining critical COVID19 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

	Total Cases	Total Deaths	Total Vaccine Doses Admin.
Worldwide	638,686,778	6,622,533	12,860,007,083
United States	97,780,182	1,072,724	611,686,655
New Jersey	2,832,392	35,050	18,283,404
New York	6,341,957	73,652	41,469,439
Connecticut	921,739	12,357	8,575,412

Information as of 11/21/22 at 0000 EST. Source: <https://coronavirus.jhu.edu/map.html>

United States COVID-19 Case Map / GIS



Monkey Pox Statistics

State	Number of Cases
Connecticut	143
New Jersey	759
New York	4148
Total US Case Count	29169

CDC <https://www.cdc.gov/poxvirus/monkeypox/response/2022/us-map.html>

Center for Disaster Medicine Updates

- Coordinating and overseeing COVID-19 screenings at NYMC campus.
- Continuing 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.
- On November 15, 2022, CDM provided life-saving training regarding Pre-Hospital Trauma Life Support (PHTLS) to members of various public safety emergency medical services agencies. These ongoing efforts highlight the importance of providing ongoing emergency medical and disaster training to emergency responders.

The White House

The official website of the White House will deliver updated information as the country grapples with converging crises. This will include actions to control the COVID-19 pandemic and monkeypox and 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. This website will provide all information in one central location.

<https://www.whitehouse.gov>

COVID-19 Website

On March 30, 2022, Biden Administration Launched COVID.gov, a New One-Stop Shop Website for Vaccines, Tests, Treatments, Masks, and the Latest COVID-19 Information- a new website was launched in an effort to consolidate information for consumers.

<https://www.whitehouse.gov/briefing-room/statements-releases/2022/03/30/fact-sheet-biden-administration-launches-covid-gov-a-new-one-stop-shop-website-for-vaccines-tests-treatments-masks-and-the-latest-covid-19-information/>

Health and Human Services (HHS)

[On November 21, 2022, HHS Releases Long COVID Report Providing Insights and Opportunities to Support Patient Community- A new report released by the U.S. Department of Health and Human Services \(HHS\) highlights patients' experience of Long COVID to better understand its complexities and drive creative responses by government leaders, clinicians, patient advocates and others. Long COVID is a set of conditions. Researchers have cataloged more than 50 conditions linked to Long COVID that impact nearly every organ system. Estimates vary, but research suggests that between 5 percent and 30 percent of those who had COVID-19 may have Long COVID symptoms, and roughly one million people are out of the workforce at any given time due to Long COVID. This figure equates to approximately \\$50 billion annually in lost salaries.](https://www.hhs.gov/about/news/2022/11/21/hhs-releases-long-covid-report-providing-insights-and-opportunities-support.html)
<https://www.hhs.gov/about/news/2022/11/21/hhs-releases-long-covid-report-providing-insights-and-opportunities-support.html>

[For the latest COVID-19 information from HHS
https://www.hhs.gov/about/news/coronavirus/index.html](https://www.hhs.gov/about/news/coronavirus/index.html)

National Institutes of Health (NIH)

View the latest COVID-19 information from NIH.

<https://www.nih.gov/coronavirus>

Centers for Disease Control and Prevention (CDC)

Monkeypox is a rare disease caused by infection with the monkeypox virus. Monkeypox virus is part of the same family of viruses as variola virus, the virus that causes smallpox. Monkeypox symptoms are like smallpox symptoms, but milder, and monkeypox is rarely fatal. Monkeypox is not related to chickenpox. For the latest CDC information including symptoms, testing, vaccines and prevention regarding monkeypox, please visit <https://www.cdc.gov/poxvirus/monkeypox/>

According to the CDC, as of November 21, 2022, there are 29,169 cases in the United States. For the latest monkeypox cases in the United States, please visit: <https://www.cdc.gov/poxvirus/monkeypox/response/2022/us-map.html>

According to the CDC, as of November 21, 2022, there are 80,488 cases in the world. For the latest global monkeypox cases, please visit: <https://www.cdc.gov/poxvirus/monkeypox/response/2022/world-map.html>

On November 21, 2022, the CDC updated the monkeypox section regarding the latest information on signs and symptoms, vaccines, prevention, sexual health, cases and data. <https://www.cdc.gov/poxvirus/monkeypox/index.html>

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. <https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>

On November 18, 2022, the CDC released a report stating that four percent of children aged 6 months–4 years had received ≥ 1 doses of COVID-19 vaccine based on interviews conducted during July 2022; 59% were unvaccinated, but the parent was open to vaccinating their child; and 37% were unvaccinated and the parent was

reluctant to vaccinate. Among parents open to vaccination, 25% reported receiving a provider recommendation, and 57% were confident of the vaccine's safety; confidence of vaccine safety varied by race or ethnicity and household income. https://www.cdc.gov/mmwr/volumes/71/wr/mm7146a3.htm?s_cid=mm7146a3_x

On November 18, 2022, the CDC released a report stating that one half of adults surveyed during June–July 2022 who had recently received a positive SARS-CoV-2 test result in metropolitan Detroit, Michigan and DuPage County, Illinois perceived local COVID-19 transmission when surveyed to be low or moderate, despite documented sustained high transmission. Higher perceived local COVID-19 transmission was associated with more use of preventive behaviors, overall and in response to high local COVID-19 transmission. https://www.cdc.gov/mmwr/volumes/71/wr/mm7146a2.htm?s_cid=mm7146a2_x

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 p.m. ET. <https://covid.cdc.gov/covid-data-tracker/#datatracker-home>

For the latest CDC information
<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/index.html>

United States Food and Drug Administration (FDA)

As of November 18, 2022, 437 tests and sample collection devices are authorized by the FDA under emergency use authorizations (EUAs). These include 300 molecular tests and sample collection devices, 85 antibody and other immune response tests, 51 antigen tests and one diagnostic breath test. There are 78 molecular authorizations and one antibody authorization that can be used with home-collected samples. There is one EUA for a molecular prescription at-home test, two EUAs for antigen prescription at-home tests, 19 EUAs for antigen over-the-counter (OTC) at-home tests and four molecular OTC at-home tests. The FDA has authorized 35 antigen tests and eight molecular tests for serial screening programs. The FDA has also authorized 1,161 revisions to EUA authorizations. <https://www.fda.gov/news-events/press-announcements/fda-roundup-november-18-2022>

On November 17, 2022, the FDA issued an emergency use authorization for the Hotgen COVID-19 Antigen Home Test, an over-the-counter (OTC) COVID-19 antigen diagnostic test that shows results in 15 minutes. The test can be used as a serial test for people within the first 7 days of experiencing COVID-19 symptoms or for individuals without symptoms. The test should be repeated if a negative result is found – at least twice over 3 days with at least 48 hours between tests if the individual has symptoms, or at least 3 times over 5 days with at least 48 hours between tests if the individual does not have symptoms. The test can be used for people age 14 years or older with a self-collected nasal swab sample and age 2 years or older when an adult collects the nasal swab sample. <https://www.fda.gov/media/163359/download>

On November 17, 2022, the FDA issued an emergency use authorization for the NIDS COVID-19 Antigen Home Test, where validation data were gathered through the FDA's collaboration with the National Institutes of Health Independent Test Assessment Program. The NIDS COVID-19 Antigen Home Test is an OTC COVID-19 antigen diagnostic test that shows results in 15 minutes. The test can be used as a serial test for people within the first 5 days of experiencing COVID-19 symptoms or for individuals without symptoms. The test should be repeated if a negative result is found – at least twice over 3 days with at least 48 hours between tests if the individual has symptoms, or at least 3 times over 5 days with at least 48 hours between tests if the individual does not have symptoms. The test can be used for people age 14 years or older with a self-collected nasal swab sample and age 2 years or older when an adult collects the nasal swab sample. <https://www.fda.gov/media/163318/download>

The FDA created a specific monkeypox response page which serves as a central source of information regarding diagnostics, vaccines, and therapeutics. For the latest FDA information regarding monkeypox, please visit <https://www.fda.gov/emergency-preparedness-and-response/mcm-issues/fda-monkeypox-response>

For the latest overall FDA information about COVID-19. <https://www.fda.gov/emergency-preparedness-and-response/counterterrorism-and-emerging-threats/coronavirus-disease-2019-covid-19>

For the latest overall FDA information about COVID-19. <https://www.fda.gov/emergency-preparedness-and-response/counterterrorism-and-emerging-threats/coronavirus-disease-2019-covid-19>

Center for Medicare and Medicaid Services (CMS) +

View the latest information from CMS
<https://www.cms.gov/About-CMS/Agency-Information/Emergency/EPRO/Current-Emergencies/Current-Emergencies-page>

Vaccines

In this section, vaccine-related information from various sources will be collected, reviewed, and tabulated here. As of July 19, 2022, the FDA has granted Emergency Use Authorization (EUA) to Janssen/Johnson & Johnson for adults over 18 years and [*Novavax for adults over 18 years of age*](#) and EUA for Moderna and Pfizer for children 6 months to five years. On August 26, 2022, the FDA authorized the emergency use of Novavax COVID-19 Vaccine, Adjuvanted for the prevention of Coronavirus Disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in individuals 12 through 17 years of age. This authorization follows a rigorous analysis and evaluation of the safety and effectiveness data conducted by the FDA. On August 23, 2021, the FDA granted full approval to Pfizer for adults. On January 31, 2022, the FDA granted full approval to Moderna for adults. Now with two vaccines with full FDA approval and three vaccines with EUA for adults and children, 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.

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_vacc-total-admin-rate-total

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>

The NYS DOH provides updated monkeypox information regarding signs and symptoms, cases, vaccine, treatment and prevention at

<https://health.ny.gov/diseases/communicable/zoonoses/monkeypox/>

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.

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines/janssen.html>

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. As of January 31, 2022, the fully FDA approved Moderna vaccine will now be known as SPIKEVAX for ages 6 months and older.

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines/Moderna.html>

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. As of October 16, 2021, the fully FDA approved Pfizer vaccine will now be known as COMIRNATY for ages 6 months and older.

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines/Pfizer-BioNTech.html>

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

<https://www.hhs.gov/coronavirus/covid-19-vaccines/index.html>

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/>

Clinical Trials

To view the latest information on clinical trials regarding COVID-19

<https://www.clinicaltrials.gov/ct2/results?recrs=&cond=Covid19&term=&cntry=&state=&city=&dist=>

American Red Cross

<https://www.redcrossblood.org/donate-blood/dlp/plasma-donations-from-recovered-covid-19-patients.html>

State Updates

New York State Department of Health (DOH)

On November 21, 2022, Governor Hochul urged New Yorkers to take precautions this holiday season to protect young children, older individuals and those with underlying health conditions from respiratory viruses like RSV, influenza and COVID-19 as infections continue to rise nationwide. With statewide travel and indoor gatherings prevalent around the Thanksgiving holiday, Governor Hochul asked New Yorkers to take common prevention measures - like staying up to date on vaccines and practicing proper hygiene - to protect from these viruses and reduce the patient burden on local hospitals.

<https://www.governor.ny.gov/news/governor-hochul-urges-new-yorkers-take-steps-reduce-risk-respiratory-illnesses-holiday-season>

On November 18, 2022, Governor Hochul updated New Yorkers on the state's progress combating COVID-19. "As we approach the holiday weekend, I urge New Yorkers to remain vigilant and to use all available tools to keep themselves, their loved ones, and their communities safe and healthy," Governor Hochul said. "Stay up to date on vaccine doses, and test before gatherings or travel. If you test positive, talk to your doctor about potential treatment options."

<https://www.governor.ny.gov/news/governor-hochul-updates-new-yorkers-states-progress-combating-covid-19-387>

For a list of COVID-19 positive cases by county in New York State-

<https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCovid-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>

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.

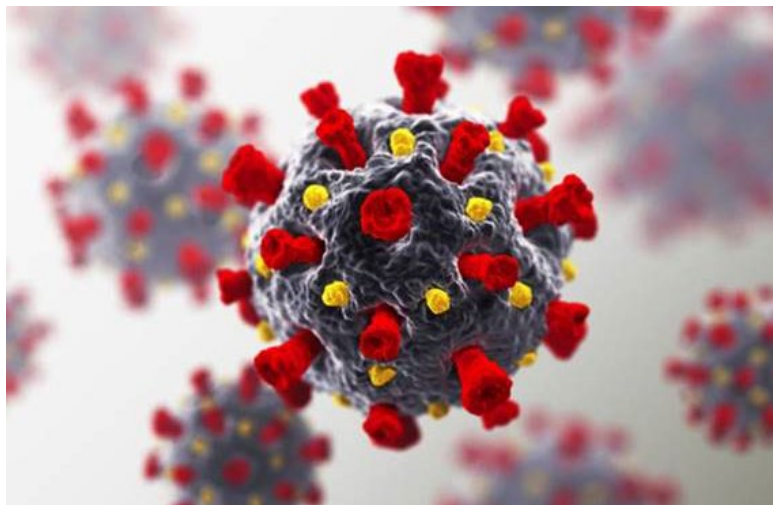
<https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCovid-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>

For the latest COVID-19 information from NYS DOH

<https://coronavirus.health.ny.gov/home>

As of November 21, 2022, there are 4,157 cases of monkeypox in New York State. For the latest monkeypox information including vaccines and provider information from NYS DOH, please visit:

<https://www.health.ny.gov/diseases/communicable/zoonoses/monkeypox/>



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)

New York City is currently the epicenter of the monkeypox outbreak in the United States. As of November 21, 2022, there are 3,771 cases of monkeypox in New York City. For the latest information including cases, symptoms, testing, and vaccine information regarding monkeypox in New York City, please visit

<https://www1.nyc.gov/site/doh/health/health-topics/monkeypox.page>

NYC DOHMH launched a new COVID-19 variants data page. The data on this page show how variants of the virus that causes COVID-19 are spreading in NYC. Variants are versions of the virus with certain sets of mutations. Some variants may result in a COVID-19 infection that is easier to spread, more severe or able to avoid antibodies from vaccines or previous infections.

<https://www1.nyc.gov/site/doh/covid/covid-19-data-variants.page>

For NYC DOHMH updated COVID-19 data page
<https://www1.nyc.gov/site/doh/covid/covid-19-data.page>

Westchester County Department of Health

For the latest breakdown of COVID-19 positive cases in Westchester County as of November 21, 2022,
<https://wsgis.maps.arcgis.com/apps/dashboards/280339d96db14efd9cc304dba0f3a71d>

For the latest COVID-19 information in Westchester including vaccines for children.
<https://health.westchestergov.com/2019-novel-coronavirus>

As of November 21, 2022, Westchester County has 92 cases of monkeypox. Monkeypox Vaccine Clinics on Mondays and Wednesdays at 134 Court Street, White Plains. Appointments are required. People at higher risk for monkeypox infection may consider vaccination with the two-dose JYNNEOS vaccine. In accordance with CDC guidance, this includes those who:

- Had contact with someone who had a rash that looks like monkeypox or with someone who was diagnosed with confirmed or probable monkeypox
- Had skin-to-skin contact with someone in a social network experiencing monkeypox activity;
- Traveled outside the United States to a country with confirmed cases of monkeypox or where monkeypox activity has been ongoing

Monkeypox Vaccine appointments are also available at:

- Westchester Medical Center, 15 Oval Connector, Valhalla, NY 10595
Monday through Friday from 9 am - 5 pm, appointment required.
Call (914) 326-2060 to schedule an appointment.

For more information regarding monkeypox in Westchester County, please visit
<https://health.westchestergov.com/>

Putnam County Department of Health

Breakdown of COVID -19 positive cases by towns in Putnam County as of November 18, 2022.
<https://www.putnamcountyny.com/covid19/>

As of November 21, 2022, there are 5 cases of monkeypox in Putnam County.
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 November 18, 2022.
<https://www.dutchessny.gov/Departments/DBCH/covid-19-dashboard.htm>
For the latest COVID-19 information:
<https://www.dutchessny.gov/Departments/DBCH/2019-Novel-Coronavirus.htm>

As of November 21, 2022, there are 10 cases of monkeypox in Dutchess County. For the latest information regarding monkeypox, please visit
<https://www.dutchessny.gov/Departments/DBCH/dbch.htm>

Orange County Department of Health

Updated COVID-19 dashboard for Orange County, NY as of November 18, 2022.
<https://ocnygis.maps.arcgis.com/apps/dashboards/21de1fb5ce0c480f95dc0cf2b8b83b71>

For the latest COVID-19 information
<https://www.orangecountygov.com/1906/2019-Novel-Coronavirus-Information>

As of November 21, 2022, there are 23 cases of monkeypox in Orange County. For more information regarding monkeypox, please visit
<https://www.orangecountygov.com/149>

Rockland County Department of Health

Review Rockland County's dashboard with the latest COVID-19 information regarding cases as of November 18, 2022.
<https://www.arcgis.com/apps/dashboards/d074e0336e81449393a76d1768ceb096>

For the latest COVID-19 information
<https://rocklandgov.com/departments/health/coronavirus-covid-19/>

As of November 21, 2022, there is 18 cases of monkeypox in Rockland County.
For more information regarding monkeypox, please visit Rockland County Health Department website
<https://rocklandgov.com/departments/health/>

Healthcare

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/>



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