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COVID-19 Newsletter (Vol. 148)

Center for Disaster Medicine, New York Medical College

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From: [NYMC_COVID19Newsletter](#) on behalf of [Disaster Medicine](#)
To: NYMC_COVID19NEWSLETTER@LISTSERV.TOURO.EDU
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NEW YORK MEDICAL COLLEGE

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Center for Disaster Medicine



Information Brief

Thursday, December 8, 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

We apologize that due to technical difficulties the newsletter was not distributed on its normal day of the week, Tuesday.

COVID-19 Statistics

	Total Cases	Total Deaths	Total Vaccine Doses Admin.
Worldwide	646,960,254	6,646,113	13,069,409,381
United States	99,230,725	1,083,362	644,444,788
New Jersey	2,861,857	35,186	19,284,388
New York	6,425,244	74,217	43,893,487
Connecticut	930,723	11,602	8,766,794

Information as of 12/7/22 at 0000 EDT. Source: <https://coronavirus.jhu.edu/map.html>

United States COVID-19 Case Map / GIS

Mpox Statistics

State	Number of Cases
Connecticut	143
New Jersey	762
New York	4,180
Total US Case Count	29,711

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 December 6, 2022, CDM staff provided lifesaving training as part of a two-day intensive course entitled Tactical Emergency Casualty Care (TECC) to 21 members of six different police and emergency medical services from New York State including New York City, Westchester and Nassau counties.

The White House

The official website of the White House delivers updated information as the country grapples with converging crises. This will include actions to control the COVID-19 pandemic and mpox 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 provides 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)

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[On December 2, 2022, the U.S. Department of Health and Human Services \(HHS\) Secretary Xavier Becerra released the following statement on mpox:](#)

Biden Administration pulled every lever to stop the spread of this virus. In August, the Department of Health and Human Services declared a Public Health Emergency that further strengthened and accelerated the response to produce results. Given the low number of cases today, HHS does not expect that it needs to renew the emergency declaration when it ends on January 31, 2023. But we won't take our foot off the gas – we will continue to monitor the case trends closely and encourage all at-risk individuals to get a free vaccine. As we move into the next phase of this effort, the Biden-Harris Administration continues working closely with jurisdictions and partners to monitor trends, especially in communities that have been disproportionately affected.
<https://www.hhs.gov/about/news/2022/12/02/statement-from-hhs-secretary-becerra-on-mpox.html>

For the latest COVID-19 information from HHS
<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)

Mpox is a rare disease caused by infection with the mpox virus. Mpox virus is part of the same family of viruses as variola virus, the virus that causes smallpox. Mpox symptoms are like smallpox symptoms, but milder, and mpox is rarely fatal. Mpox is not related to chickenpox.

For the latest CDC information including symptoms, testing, vaccines and prevention regarding mpox, please visit
<https://www.cdc.gov/poxvirus/monkeypox/>

According to the CDC, as of December 8, 2022, there are 29,711 cases in the United States. For the latest mpox cases in the United States, please visit:
<https://www.cdc.gov/poxvirus/monkeypox/response/2022/us-map.html>

According to the CDC, as of December 7, 2022, there are 82,199 cases in the world. For the latest global mpox cases, please visit:
<https://www.cdc.gov/poxvirus/monkeypox/response/2022/world-map.html>

On December 8, 2022, the CDC updated the mpox 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 December 1, 2022, the CDC released a statement reporting that the nation's ability to prevent HIV was dealt a hard blow early in the COVID-19 pandemic, according to a new CDC analysis published today, on World AIDS Day: Putting Ourselves to the Test: Achieving Equity to End HIV. A rapid rebound in services, however, is a testament to quick, resourceful local innovations that, if scaled up and sustained, could help reach national HIV prevention goals.
<https://www.cdc.gov/media/releases/2022/s1201-HIV-COVID-19.html>

On December 1, 2022, the CDC released a report regarding effectiveness of Bivalent mRNA Vaccines in Preventing Symptomatic SARS-CoV-2 Infection — Increasing Community Access to Testing Program, United States, September–November 2022. In this study of vaccine effectiveness of the U.S.-authorized bivalent mRNA booster formulations, bivalent boosters provided significant additional protection against symptomatic SARS-CoV-2 infection in persons who had previously received 2, 3, or 4 monovalent vaccine doses. Due to waning immunity of monovalent doses, the benefit of the bivalent booster increased with time since receipt of the most recent monovalent vaccine dose.
https://www.cdc.gov/mmwr/volumes/71/wr/mm7148e1.htm?s_cid=mm7148e1_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)

On December 6, 2022, 441 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, 55 antigen tests, and 1 diagnostic breath test. There are 79 molecular authorizations and 1 antibody authorization that can be used with home-collected samples. There is 1 EUA for a molecular prescription at-home test, 2 EUAs for antigen prescription at-home tests, 23 EUAs for antigen over-the-counter (OTC) at-home tests, and 4 for molecular OTC at-home tests. The FDA has authorized 39 antigen tests and 8 molecular tests for serial screening programs. The FDA has also authorized 1169 revisions to EUA authorizations.

<https://www.fda.gov/news-events/press-announcements/fda-roundup-december-6-2022>

The FDA created a specific mpox response page which serves as a central source of information regarding diagnostics, vaccines, and therapeutics. For the latest FDA information regarding mpox, 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>

Center for Medicare and Medicaid Services (CMS) +

On November 22, 2022, CMS Urges Timely Patient Access to COVID-19 Vaccines, Therapeutics- the Centers for Medicare & Medicaid Services (CMS) issued new guidance that highlights the need for health care providers and suppliers to ensure patients have access to the latest available COVID-19 vaccines and therapeutics. In particular, CMS is reminding nursing homes that they are required to offer the COVID-19 vaccines, including any updated COVID vaccines, to residents.

<https://www.cms.gov/newsroom/news-alert/cms-urges-timely-patient-access-covid-19-vaccines-therapeutics>

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 p.m. 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 mpox 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

- Governor Encourages New Yorkers to Keep Using the Tools to Protect Against and Treat COVID-19: Vaccines, Boosters, Testing and Treatment
- Updates New Yorkers on Ongoing Winter Preparedness Efforts To Protect Against RSV, Flu, and COVID-19
- 35 Statewide Deaths Reported on December 6 from COVID

New York State Department of Health (DOH)

On December 7, 2022, Governor Hochul updated New Yorkers on the state's progress combating COVID-19. The Governor also updated New Yorkers on winter preparedness efforts, urging individuals to take proven prevention measures to protect against Respiratory Syncytial Virus, flu, and COVID-19 and reduce the patient burden on local hospitals. "New Yorkers can't get complacent in our fight against the triple threat of COVID, RSV, and influenza - we have to take advantage of the resources at our disposal so that we come out of this winter season healthy and happy," Governor Hochul said. "We should all celebrate the holidays while taking preventative measures, getting tested and vaccinated, and talking to a doctor if you feel ill. Let's make sure we keep our guard up against these illnesses and that we continue to protect each other, especially our most vulnerable."

<https://www.governor.ny.gov/news/governor-hochul-updates-new-yorkers-states-progress-combating-covid-19-398>

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

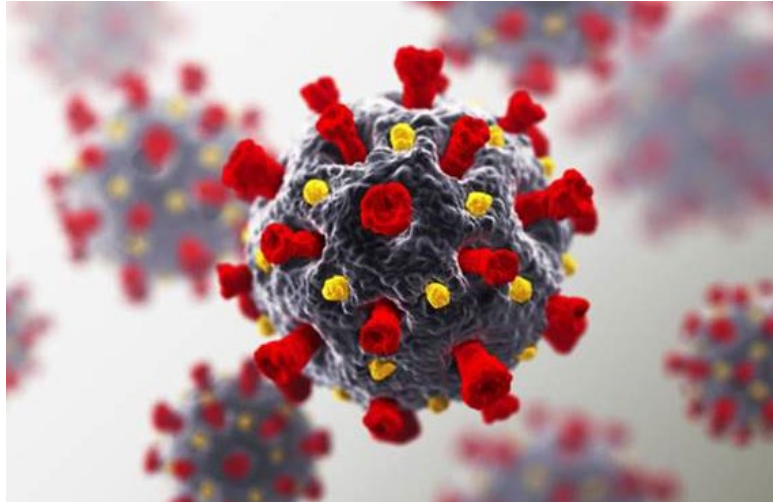
<https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCovid-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>

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 December 7, 2022, there are 4,158 cases of mpox in New York State. For the latest mpox 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 mpox outbreak in the United States. As of December 8, 2022, there are 3,785 cases of mpox 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 December 7, 2022,
<https://wqgis.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 December 7, 2022, Westchester County has 93 cases of mpox. Mpox Vaccine Clinics on Mondays and Wednesdays at 134 Court Street, White Plains. Appointments are required. People at higher risk for mpox 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 mpox or with someone who was diagnosed with confirmed or probable mpox
- Had skin-to-skin contact with someone in a social network experiencing mpox activity;
- Traveled outside the United States to a country with confirmed cases of mpox or where mpox activity has been ongoing

Mpox 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 mpox 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 December 7, 2022.
<https://www.putnamcountyny.com/covid19/>

As of December 7, 2022, there are 5 cases of mpox 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 December 7, 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 December 7, 2022, there are 10 cases of mpox in Dutchess County. For the latest information regarding mpox, 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 December 7, 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 December 7, 2022, there are 23 cases of mpox in Orange County. For more information regarding mpox, please visit
<https://www.orangecountygov.com/149/Health>

Rockland County Department of Health

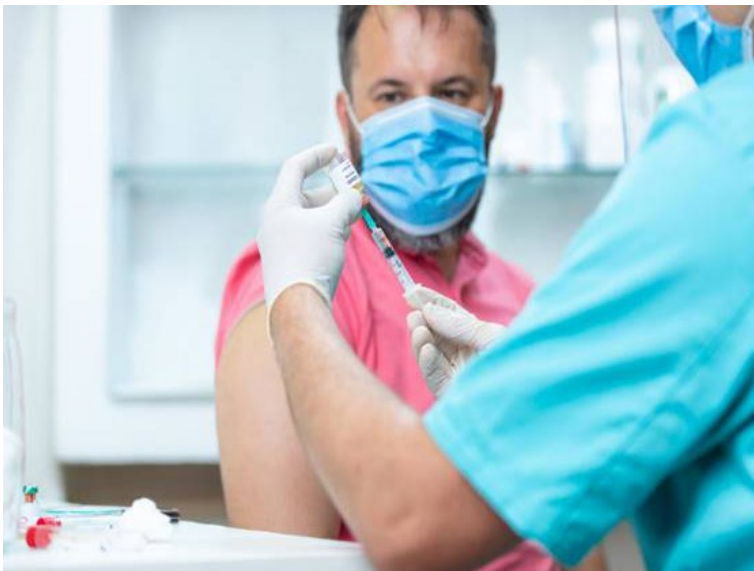
Review Rockland County's dashboard with the latest COVID-19 information regarding cases as of December 7, 2022.
<https://www.arcgis.com/apps/dashboards/d074e0336e81449393a76d1768ceb096>

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

As of December 7, 2022, there is 19 cases of mpox in Rockland County.
For more information regarding mpox, 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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