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COVID-19 Newsletter (Vol. 152)

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, January 10, 2023

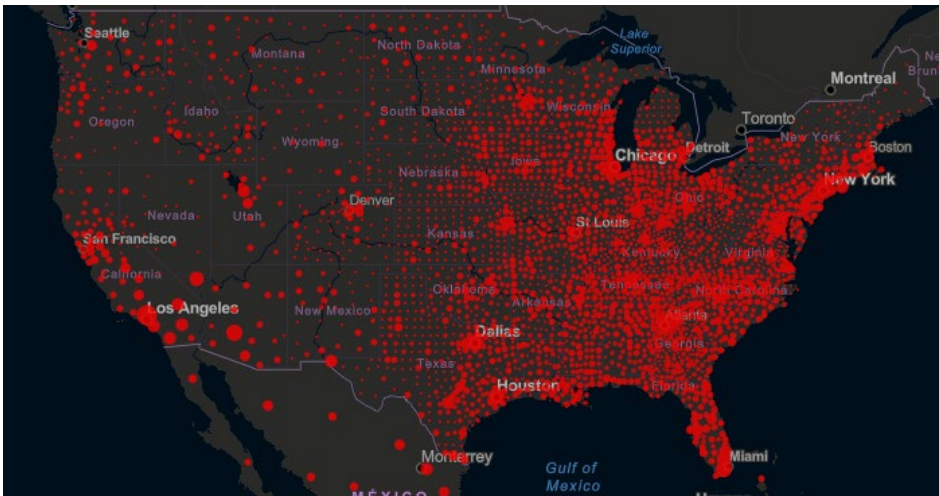
As the COVID-19 pandemic continues to evolve, we are seeing other emerging public health threats and emergencies and we continue to address ongoing and emerging disaster issues, the Center for Disaster Medicine (CDM) has been and will continue to be a source of reliable information, education and models 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 COVID-19 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	664,378,257	6,707,747	13,174,441,940
United States	101,258,912	1,096,581	654,113,306
New Jersey	2,948,929	35,589	19,546,431
New York	6,626,018	75,474	44,501,510
Connecticut	955,076	11,803	8,902,878

United States COVID-19 Case Map / GIS



Mpox Statistics

State	Number of Cases
Connecticut	144
New Jersey	764
New York	4,203
Total US Case Count	29,913

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

Center for Disaster Medicine Updates

- 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.

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, the Biden Administration launched COVID.gov, a one-stop shop website for vaccines, tests, treatments, masks and the latest COVID-19 information, 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)

For the latest COVID-19 information from HHS

<https://www.hhs.gov/about/news/coronavirus/index.html>

National Institutes of Health (NIH)

On January 9, 2023, NIH funds eight studies to advance rapid diagnosis of COVID-19-related inflammatory syndrome in children- The National Institutes of Health has awarded eight research grants to refine new technologies for early diagnosis of severe illnesses resulting from SARS-CoV-2 infection in children. The new awards follow grants issued in 2020 to foster methods for diagnosing children at high risk for Multisystem Inflammatory Syndrome in Children (MIS-C), a rare, severe and sometimes fatal after-effect of SARS-CoV-2 infection or exposure in children.

<https://www.nih.gov/news-events/news-releases/nih-funds-eight-studies-advance-rapid-diagnosis-covid-19-related-inflammatory-syndrome-children>

On January 4, 2023, NIH launched Home Test to Treat, a pilot COVID-19 telehealth program- The National Institutes of Health, in collaboration with the Administration for Strategic Preparedness and Response (ASPR) at the U.S. Department of Health and Human Services, has launched the Home Test to Treat program, an entirely virtual community health intervention that will provide free COVID-19 health services—at-home rapid tests, telehealth sessions and at-home treatments—in selected communities. The program, first announced by the White House in September 2022, will make antiviral treatment available for eligible individuals who receive a positive test result, which could prevent severe illness, hospitalization or death.

<https://www.nih.gov/news-events/news-releases/nih-launches-home-test-treat-pilot-covid-19-telehealth-program>

View the latest COVID-19 information from NIH.

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

Centers for Disease Control and Prevention (CDC)

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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/mpox/>

According to the CDC, as of January 4, 2023, there are 29,913 cases in the United States. For the latest mpox cases in the United States, please visit:

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

According to the CDC, as of January 4, 2023, there are 84,318 cases in the world.

For the latest global mpox cases, please visit:

<https://www.cdc.gov/poxvirus/mpox/response/2022/world-map.html>

On January 9, 2023, 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/mpox/index.html>

On January 6, 2023, CDC released MMWR entitled Racial and Ethnic Differences in COVID-19 Vaccination Coverage Among Children and Adolescents Aged 5–17 Years and Parental Intent to Vaccinate Their Children — National Immunization Survey–Child COVID Module, United States, December 2020–September 2022. Among children and adolescents aged 5–17 years, ≥1-dose COVID-19 vaccination coverage was low overall, but highest among Asian and Hispanic or Latino children and adolescents. Parental intent to vaccinate their child varied by the child’s age, race, and ethnicity. Parents of unvaccinated children and adolescents reported low confidence in vaccine safety, and a low percentage reported receipt of a provider vaccination recommendation.

https://www.cdc.gov/mmwr/volumes/72/wr/mm7201a1.htm?s_cid=mm7201a1_x

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>

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 January 6, 2023, 442 tests and sample collection devices are authorized by the FDA under emergency use authorizations (EUAs). These include 297 molecular tests and sample collection devices, 85 antibody and other immune response tests, 59 antigen tests, and one diagnostic breath test. There are 79 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, 26 EUAs for antigen over-the-counter (OTC) at-home tests, and four for molecular OTC at-home tests. The FDA has authorized 43 antigen tests and eight molecular tests for serial screening programs. The FDA has also authorized 1197 revisions to EUA authorizations.

<https://www.fda.gov/news-events/press-announcements/fda-roundup-january-06-2023>

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-mpox-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) +

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 U.S. 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/mpox/>

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/>

Education

- Higher Education
 - <https://www.insidehighered.com>
- K-12
 - <https://www.k12dive.com/>

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

- <https://www.governor.ny.gov/news/governor-hochul-updates-new-yorkers-states-progress-combating-covid-19-418>
- 26 Statewide Deaths Reported on HERDS for past 7 days (as of 1/5/2023) from COVID-19
- XBB.1.5 Variant is most dominant strain in NY, accounting for more than 50% of COVID-19 infections statewide.

New Jersey

- https://nj.gov/governor/news/news/562022/approved/news_archive.shtml

Connecticut

- <https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2022/12-2022/Governor-Lamont-Coronavirus->

[Update-December-29](#)

- 33 Deaths for Past 7 Days (As of 1/5/2023) from COVID-19

New York State Department of Health (DOH)

On January 9, 2023, Governor Hochul updated New Yorkers on the state's progress combatting COVID-19 and outlined basic steps they can take to protect against the spread of viral respiratory infections that become more common in the winter season. "I urge everyone to remain vigilant and continue 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-19-419>

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.

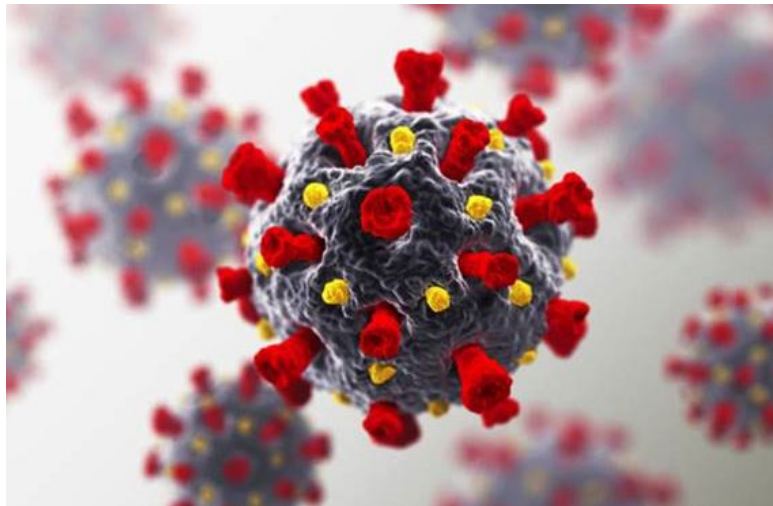
<https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>

For the latest COVID-19 information from NYS DOH

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

As of January 5, 2023, there are 4,194 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/mpox/>



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 January 5, 2023, there are 3,819 cases of mpox in New York City. For the latest information including cases, symptoms, testing, and vaccine information regarding mpox in New York City, please visit

<https://www1.nyc.gov/site/doh/health/health-topics/mpox.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 January 9, 2023.

<https://wccgis.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 January 5, 2023, Westchester County has 94 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 a.m. - 5 p.m., 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 January 9, 2023.
<https://www.putnamcountyny.com/covid19/>

As of January 5, 2023, 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 January 9, 2023.
<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 January 5, 2023, 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 January 9, 2023.
<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 January 5, 2023, 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 January 9, 2023.
<https://www.arcgis.com/apps/dashboards/d074e0336e81449393a76d1768ceb096>

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

As of January 5, 2023, 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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