

1-24-2023

## COVID-19 Newsletter (Vol. 153)

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](mailto:NYMC_COVID19NEWSLETTER@LISTSERV.TOURO.EDU)  
**Subject:** Center for Disaster Medicine Information Brief  
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**Attachments:** [image003.png](#)  
[image002.png](#)



# NEW YORK MEDICAL COLLEGE

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## Center for Disaster Medicine



### Information Brief

**Tuesday, January 24, 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.*

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

**Editors**

Tai M. Lee, Jr., EMT-P/CIC, MEP  
Emily Kaplan, DrPH, MPA, EMT

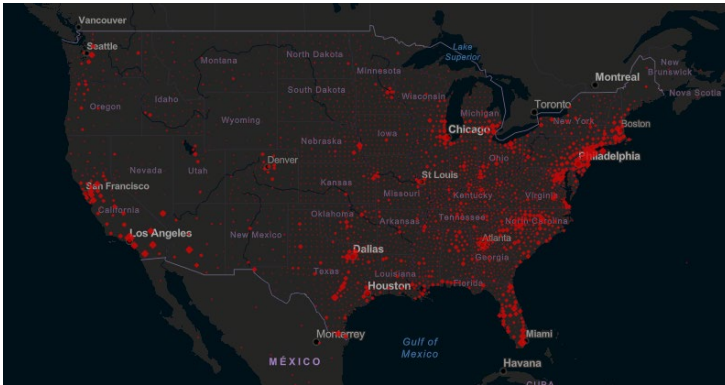
Dana Pagano, BS  
David Markenson, MD, MBA

**COVID-19 Statistics**

	Total Cases	Total Deaths	Total Vaccine Doses Admin.
Worldwide	669,124,561	6,740,470	13,1233,107,179
United States	101,258,912	1,096,581	654,113,306
New Jersey	2,981,852	35,725	19,625,426
New York	6,675,480	75,945	44,675,096
Connecticut	963,326	11,905	8,840,886

Information as of 1/24/23 at 1200 EST. Source: <https://coronavirus.jhu.edu/map.html>

## United States COVID-19 Case Map / GIS



## Mpox Statistics

State	Number of Cases
Connecticut	145
New Jersey	764
New York	4,218
Total US Case Count	30,061

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.

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## **The White House**

The White House released statements of condolences and reintroduction of gun safety legislation following the mass shooting in Monterey Park, California resulting in 11 people killed and wounding of nine. In the preceding two weeks disaster declarations have been approved due to weather related emergencies in California and Alabama. 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 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 will provide all information in one central location.

<https://www.whitehouse.gov>

## COVID-19 Website

On March 30, 2022, the Biden Administration launched [COVID.gov](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/), 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 10, 2023, NIH released a COVID-19 treatment guidelines panel statement on Tixagevimab Plus Cvigavimab (Evusheld) as pre-exposure prophylaxis of COVID-19.

[https://www.covid19treatmentguidelines.nih.gov/therapies/statement-on-evusheld/?utm\\_source=site&utm\\_medium=home&utm\\_campaign=highlights](https://www.covid19treatmentguidelines.nih.gov/therapies/statement-on-evusheld/?utm_source=site&utm_medium=home&utm_campaign=highlights)

On January 11, 2023, NIH highlighted a review article discussing the challenges to development of improved vaccines for mucosa-replicating viruses.

<https://www.nih.gov/news-events/news-releases/developing-mucosal-vaccines-respiratory-viruses>

The National Board for Biosecurity will meet on January 27, 2023. The meeting is open to the public and the public may submit written comment on the U.S. Government Potential Pandemic Pathogen Care and Oversight (PC3O) and Dual Use Research of Concern (DURC) Policies.

<https://www.nih.gov/news-events/news-releases/national-science-advisory-board-biosecurity-meet-1>

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/mpox/>

According to the CDC, as of January 24, 2023, there are 30,061 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 24, 2023, there are 85,110 cases in the world.

For the latest global mpox cases, please visit:

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

The CDC maintains surveillance platforms for COVID-19, Flu, and RSV. [RSV-Net surveillance information is available at https://www.cdc.gov/surveillance/resp-net/dashboard.html](https://www.cdc.gov/surveillance/resp-net/dashboard.html)

The combination in increased prevalence of the three at the same time continues to strain the U.S. healthcare system. <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/index.html>

On January 20, 2023, CDC released MMWR entitled [Epidemiology of Human Mpox — Worldwide, 2018–2021](#) by McCollum et al. **This report describes the epidemiology of mpox since 1970 and during 2018–2021, and addresses current diagnostic and treatment challenges in countries with endemic disease. The authors discuss reporting difficulties, impact of reduction in smallpox vaccination rates, laboratory capacity limitation, and challenges in treatment.**

On January 20, 2023, CDC released MMWR entitled [Reasons for Receiving or Not Receiving Bivalent COVID-19 Booster Vaccinations Among Adults — United States, November 1–December 10, 2022](#) by Sinclair et al. Among 1,200 previously

vaccinated individuals lack of awareness and eligibility are cited as primary reasons for not obtaining a COVID-19 booster. Discussion includes use of evidence-based methods for informing persons about vaccine recommendations and waning immunity.

**On January 13, 2023, CDC released MMWR entitled [Safety Monitoring of Bivalent COVID-19 mRNA Vaccine Booster Doses Among Children Aged 5–11 Years — United States, October 12–January 1, 2023](#). This report provides findings from v-safe and VAERS data collected during the first 11 weeks of bivalent Pfizer-BioNTech and Moderna mRNA booster dose administration among children aged 5–11 years; during this period, approximately 953,359 booster doses were administered to children in this age group. Approximately 99.8% of reports to VAERS for children aged 5–11 years after bivalent booster vaccination were deemed nonserious; most (85.0 percent) reports were related to vaccination errors.**

On January 23, 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 23, 2023 CDC released in Emerging and Infectious Diseases article by D. Liu et al. entitled [Early Introduction and Community Transmission of SARS-CoV-2 Omicron Variant, New York, New York, USA](#) the authors finding four separate introductions to New York, New York of Omicron subclades November 25–September 11, 2021.

On January 23, 2023 CDC released in Emerging and Infectious Diseases article by Khoury et al. entitled [Correlates of Protection, Thresholds of Protection, and Immunobridging among Persons with SARS-CoV-2 Infection](#) reviews studies and presents a correlation between neutralizing antibody titer levels and protection from COVID-19.

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)**

On January 19, 2023, the FDA released draft statement [Mpox: Development of drugs and biological products for industry](#). Comments may be submitted for 60 days.

Contents for review include; Regulatory, Pharmacology/Toxicology, Virology, and Clinical Considerations. Comments may be submitted online [here](#).

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](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**

- 96 Statewide Deaths Reported on HERDS for past 7 days (as of 1/23/2023) from COVID-19
- XBB.1.5 Variant is most dominant strain in NY, accounting for more than 50% of COVID-19 infections statewide. XBB.1.5 variant is more transmissible than other current variants.  
<https://www.governor.ny.gov/news/governor-hochul-updates-new-yorkers-states-progress-combating-covid-19-425>
- Influenza remains geographically widespread along with RSV  
[https://www.health.ny.gov/diseases/communicable/influenza/surveillance/2022-2023/flu\\_report\\_current\\_week.pdf](https://www.health.ny.gov/diseases/communicable/influenza/surveillance/2022-2023/flu_report_current_week.pdf)

#### **New Jersey**

- [https://nj.gov/governor/news/news/562022/approved/news\\_archive.shtml](https://nj.gov/governor/news/news/562022/approved/news_archive.shtml)

## Connecticut

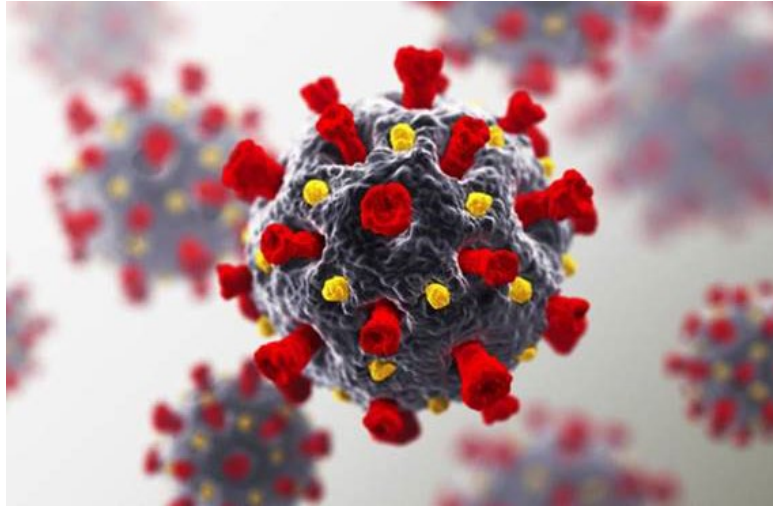
- <https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2022/12-2022/Governor-Lamont-Coronavirus-Update-December-29>
- 33 Deaths for Past 7 Days (As of 1/5/2023) from COVID-19

## 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 including obtaining flu vaccines and COVID-19 vaccines. <https://www.governor.ny.gov/news/governor-hochul-updates-new-yorkers-states-progress-combating-covid-19-425>

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?](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.



## 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 19, 2023.

<https://health.westchestergov.com/157-covid-19-updates/2805-data-and-case-tracking>

For the latest COVID-19 information in Westchester including vaccines for children.

<https://health.westchestergov.com/2019-novel-coronavirus>

As of January 18, 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](https://www.westchester-medical-center.com/locations/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://www.health.ny.gov/diseases/communicable/zoonoses/mpox/data/>

### **Putnam County Department of Health**

Breakdown of COVID -19 positive cases by towns in Putnam County as of January 1, 2023. \*Putnam county is currently periodically providing COVID-19 information and updates.

<https://www.putnamcountyny.com/health/clinical-services#Providers>

No new cases of Mpox have been reported in the county since 12/24/22  
<https://www.health.ny.gov/diseases/communicable/zoonoses/mpox/data/>

### **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>

### **Orange County Department of Health**

Updated COVID-19 dashboard for Orange County, NY as of January 24, 2023.

<https://ocnygis.maps.arcgis.com/apps/dashboards/21de1fb5ce0c480f95dc0cf2b8b83b71>

No new cases of Mpox have been reported since December 24, 2022  
<https://www.health.ny.gov/diseases/communicable/zoonoses/mpox/data/>

### **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 24, 2023, 19 cases have been reported in Rockland County; no new cases in the state have been reported since December 24, 2022.

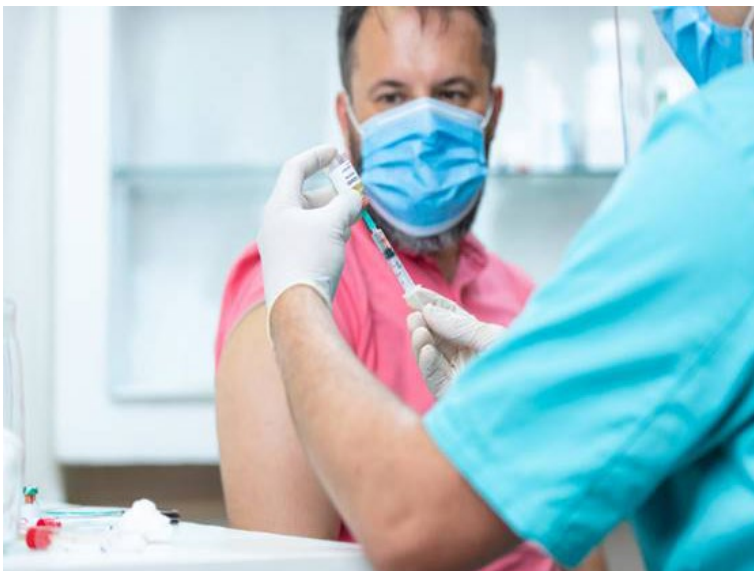
For more information regarding mpox, please visit Rockland County Health Department website

<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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New York Medical College  
Center for Disaster Medicine  
7 Dana Road Suite 511  
Valhalla, New York 10595  
914-594-1750

<https://www.nymc.edu/center-for-disaster-medicine/>

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