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COVID-19 Newsletter (Vol. 140)

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
Subject: Center for Disaster Medicine Information Brief
Date: Wednesday, October 12, 2022 3:00:14 PM
Attachments: [image003.png](#)
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NEW YORK MEDICAL COLLEGE

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Center for Disaster Medicine



Wednesday, October 12, 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

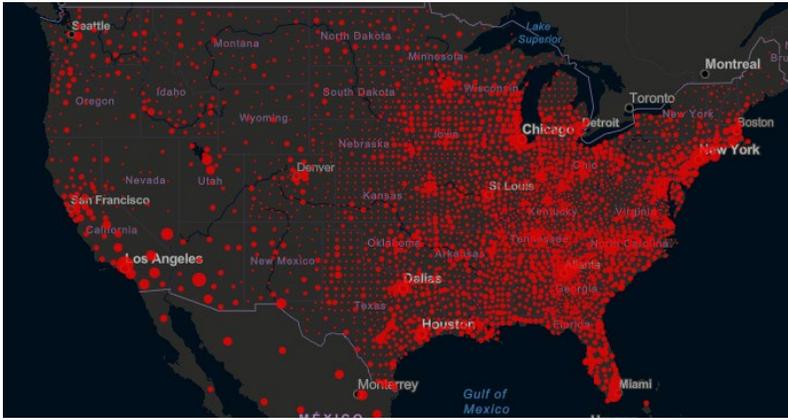
David Markenson, M.D., M.B.A.
Director, Center for Disaster Medicine

COVID-19 Statistics

	Total Cases	Total Deaths	Total Vaccine Doses Admin.
Worldwide	622,602,924	6,560,508	9,063,791,250
United States	96,772,268	1,063,310	611,686,655
New Jersey	2,759,767	34,792	18,506,887
New York	6,157,936	71,986	41,982,057
Connecticut	902,374	11,385	8,267,573

Information as of 10/12/22 at 0900 EDT. Source: <https://coronavirus.jhu.edu/map.html>

[United States COVID-19 Case Map / GIS](#)



Money Pox Statistics

State	Number of Cases
Connecticut	132
New Jersey	727
New York	4010
Total US Case Count	26778

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.

The White House

On October 11, 2022, Press Secretary Karine Jean-Pierre and Covid-19 Response Coordinator Dr. Ashish Jha provided a press briefing regarding COVID-19 response. They discussed the benefits of the updated vaccines and new vaccines and our work to ensure that all eligible Americans do get vaccinated ahead of the winter.

<https://www.whitehouse.gov/briefing-room/press-briefings/2022/10/11/press-briefing-by-press-secretary-karine-jean-pierre-and-covid-19-response-coordinator-dr-ashish-jha-5/>

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 October 7, 2022, HHS released a report showing COVID-19 Vaccinations in 2021 Linked to More than 650,000 Fewer COVID-19 Hospitalizations and Over 300,000 Fewer Deaths Among Medicare Beneficiaries. Underscoring Importance of Getting Updated COVID-19 Vaccines This Fall. <https://www.hhs.gov/about/news/2022/10/07/new-hhs-report-covid-19-vaccinations-in-2021-linked-to-more-than-650000-fewer-covid-19-hospitalizations.html>

For the latest COVID-19 information from HHS
<https://www.hhs.gov/about/news/coronavirus/index.html>

National Institutes of Health (NIH)

On October 6, 2022, the NIH released a report revealing findings from a small study of eight patients published in Clinical Infectious Diseases suggest that COVID-19 rebound is likely not caused by impaired immune responses. The study, led by scientists at the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health, aimed to define the clinical course and the immunologic and virologic characteristics of COVID-19 rebound in patients who have taken nirmatrelvir/ritonavir (Paxlovid), an antiviral therapeutic developed by Pfizer, Inc. COVID-19 rebound is characterized by a recurrence of COVID-19 symptoms and/or a new positive viral test after having tested negative, according to the Centers for Disease Control and Prevention. According to the study authors, the results do not support the hypothesis that the five-day course of Paxlovid is too short for the body to develop a strong immune response to SARS-CoV-2, the virus that causes COVID-19.

<https://www.nih.gov/news-events/findings-suggest-covid-19-rebound-not-caused-impaired-immune-response>

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 October 11, 2022, there are 26,778 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 October 11, 2022, there are 71,408 cases in the world. For the latest global monkeypox cases, please visit:

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

On October 11, 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>

On October 7, 2022, the CDC released Interim Clinical Considerations for Management of Ocular Monkeypox Virus Infection for healthcare providers who provide care to patients with monkeypox.

<https://www.cdc.gov/poxvirus/monkeypox/clinicians/ocular-infection.html>

On October 4, 2022, the CDC released Clinical Considerations for Monkeypox in Children and Adolescents for providers caring for children and adolescents less than ages 18 years in clinics, emergency departments, and hospitals in the United States. <https://www.cdc.gov/poxvirus/monkeypox/clinicians/pediatric.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 October 11, 2022, the CDC provided an update regarding COVID-19 Vaccines for People Who Are Moderately or Severely Immunocompromised. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/immuno.html>

On October 5, 2022, the CDC provided updated guidance regarding Operational Guidance for K-12 Schools and Early Care and Education Programs to Support Safe In-Person Learning- Schools and early care and education (ECE) programs are an important part of the infrastructure of communities as they provide safe, supportive learning environments for students and children and enable parents and caregivers to be at work. Schools and ECE programs like Head Start also provide critical services that help to mitigate health disparities, such as school lunch programs, and social, physical, behavioral, and mental health services. This guidance can help K-12 schools and ECE programs remain open and help their administrators support safe, in-person learning while reducing the spread of COVID-19. Based on the COVID-19 Community Levels, this guidance provides flexibility so schools and ECE programs can adapt to changing local situations, including periods of increased community health impacts from COVID-19. <https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/k-12-childcare-guidance.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 pm 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 October 11, 2022, 436 tests and sample collection devices are authorized by the FDA under emergency use authorizations (EUAs). These include 299 molecular tests and sample collection devices, 85 antibody and other immune response tests, 51 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, 19 EUAs for antigen over-the-counter (OTC) at-home tests, and 3 for molecular OTC at-home tests. The FDA has authorized 35 antigen tests and 8 molecular tests for serial screening programs. The FDA has also authorized 1127 revisions to EUA authorizations. <https://www.fda.gov/news-events/press-announcements/fda-roundup-october-11-2022>

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>

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/>

Educational Institution Information

- K-12
 - After several school years of COVID-19 masking and social distancing, a more normal school year is expected — as is the threat of students and staff catching and spreading more typical illnesses like the flu and common cold. Health experts advise schools to be vigilant about everyday preventative measures, such as asking families to keep sick children at home, reminding staff and students to regularly wash their hands, and cleaning and disinfecting surface areas. They also encourage schools to promote vaccinations for the flu and COVID-19, along with the regular pediatric vaccine schedule.

<https://www.k12dive.com/news/how-schools-can-prepare-for-cold-and-flu-season/633571/>

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 October 11, 2022, Governor Hochul updated New Yorkers on the state's progress combating COVID-19. "I urge New Yorkers to remain vigilant and be sure to use the tools that are available to keep themselves, their loved ones, and their communities safe and healthy," Governor Hochul said. "Take advantage of the vaccine by staying up to date on doses. Test before gatherings or travel and 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-19-360>

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

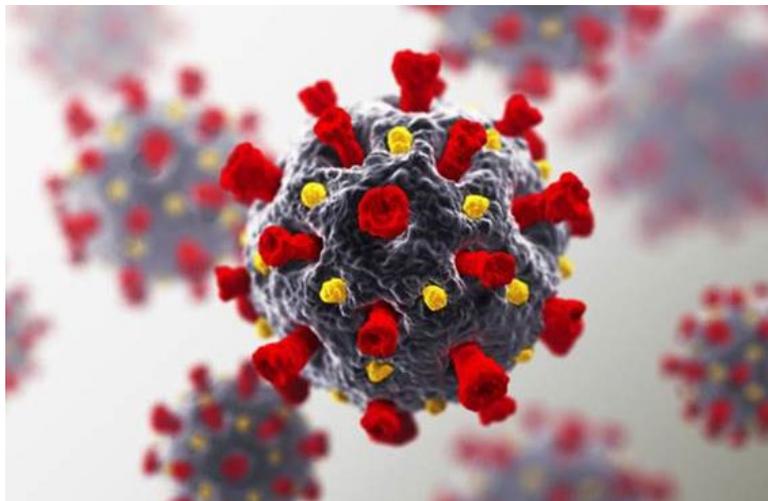
<https://covid19tracker.health.ny.gov/views/NYS-COVID19-Tracker/NYSDOHCovid-19Tracker-Map?%3Aembed=yes&%3Atoolbar=no&%3Atabs=n>

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>



Connecticut

- On October 7, 2022, Governor Ned Lamont visited a Connecticut Department of Public Health mobile vaccination van clinic in Hartford, where he was administered a dose of the recently authorized bivalent COVID-19 vaccine booster, which is designed to add protection against the Omicron variants of the virus and bolster previous vaccination protection. He also received his annual flu shot during the visit.

<https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2022/10-2022/Governor-Lamont-Receives-Omicron-Bivalent-COVID-19-Booster-and-Flu-Shot>

- The Connecticut Department of Public Health reported that as of October 5, 2022, a total of 283,841 cases of COVID-19 among fully vaccinated persons in Connecticut have been identified. Those cases account for 10.29% of the 2.7 million people in the state who are fully vaccinated.

<https://portal.ct.gov/Office-of-the-Governor/News/Press-Releases/2022/10-2022/Governor-Lamont-Coronavirus-Update-October-6>

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 October 11, 2022, there are 3,652 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 October 10, 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 October 11, 2022, Westchester County has 89 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; this includes men who have sex with men who meet partners through an online website, digital application ("app"), or social event such as at a bar or party
- 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 October 7, 2022.

<https://www.putnamcountyny.com/covid19/>

As of October 11, 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 October 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 October 11, 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 October 11, 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 October 11, 2022, there are 21 cases of monkeypox in Orange County. For more information regarding monkeypox, 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 October 11, 2022.

<https://www.arcgis.com/apps/dashboards/d074e0336e81449393a76d1768ceb096>

For the latest COVID-19 information

<https://rocklandgov.com/departments/health/coronavirus-covid-19/>

As of October 11, 2022, there is 14 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/>



Center for Disaster Medicine Media

Faculty News:

Lifesaving STOP THE BLEED Training Can Be the Difference in an Emergency

Westfair

9/26/2022

https://westfaironline.com/wp-content/uploads/2022/09/wf_092622.pdf

George W. Contreras, M.E.P., M.P.H., M.S., CEM, FACEM, assistant director of the Center for Disaster Medicine and assistant professor in the Institute of Public Health

New Omicron Booster Side Effects Expected to Be Similar to Previous COVID-19 Shots

Healthline

9/21/2022

<https://www.healthline.com/health-news/new-omicron-booster-side-effects-expected-to-be-similar-to-previous-covid-19-shots>

Marisa A. Montecalvo, M.D., director of Health Services and professor of medicine

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