

7-20-2021

## COVID-19 Newsletter (vol. 81)

Center for Disaster Medicine, New York Medical College

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# NEW YORK MEDICAL COLLEGE

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## Center for Disaster Medicine



**Tuesday, July 20, 2021**

***During this COVID-19 pandemic and other future events, the CDM has been and will continue to be a source of reliable information, education and models for mitigation, preparedness, response, and recovery. We hope this informational document has helped provide you filtered and actionable 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

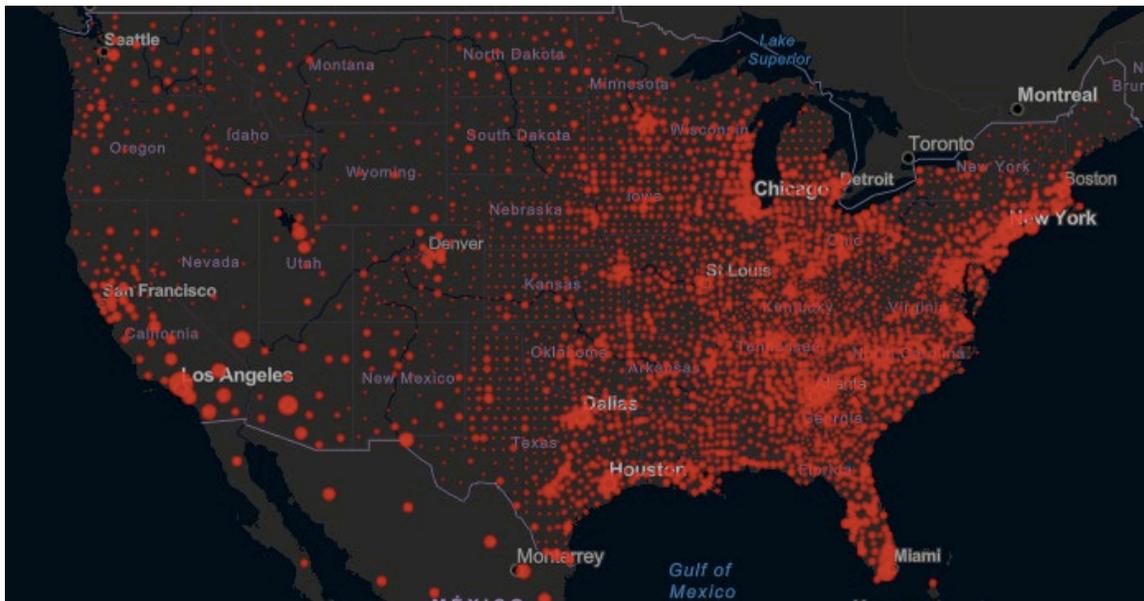
Center for Disaster Medicine

## **COVID-19 Statistics**

	Total Cases	Total Deaths	Total Vaccine Doses Admin.	Total Tested
Worldwide	190,939,042	4,096,418	3,652,536,833	Not Available
United States	34,132,079	609,231	337,097,457	494,042,218
New Jersey	1,029,243	26,545	10,248,414	14,600,808
New York	2,127,592	53,780	22,496,234	60,096,052
Connecticut	351,084	8,202	4,517,809	8,926,296

Information as of 7/20/21 at 0400 EDT. Source: <https://coronavirus.jhu.edu/map.html>

## **United States COVID-19 Case Map / GIS**



**Center for Disaster Medicine Updates**

- On July 12, 2021, CDM staff provided life-saving American Red Cross Advanced Life Support (ALS) training to NYMC SOM students as part of the 2021 Summer Fellowship in Emergency and Disaster Medicine.
- On July 14, 2021, CDM staff provided life-saving pre-hospital trauma life support (PHTLS) training to NYMC SOM students as part of the 2021 Summer Fellowship in Emergency and Disaster Medicine.
- On July 15, 2021, CDM staff provided life-saving American Heart Association Pediatric Advanced Life Support training to NYMC SOM students as part of the 2021 Summer Fellowship in Emergency and Disaster Medicine.
- Coordinating and overseeing COVID-19 screenings at NYMC campus
- Continue 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.

**To view the Center for Disaster Medicine's newest webinar, please click here - [The COVID-19 Vaccine: What to Tell Your Patients](#)**

## **The White House**

Press Briefing by White House COVID-19 Response Team and Public Health Officials- On July 16, 2021, the White House provided an update to the public.

<https://www.whitehouse.gov/briefing-room/press-briefings/2021/07/16/press-briefing-by-white-house-covid-19-response-team-and-public-health-officials-45/>

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, 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>

## **Health and Human Services (HHS)**

U.S. Surgeon General Dr. Vivek Murthy is issuing the first Surgeon General's Advisory of this Administration to warn the American public about the urgent threat of health misinformation. Health misinformation, including disinformation, have threatened the U.S. response to COVID-19 and continue to prevent Americans from getting vaccinated, prolonging the pandemic and putting lives at risk, and the advisory encourages technology and social media companies to take more responsibility to stop online spread of health misinformation.

<https://www.hhs.gov/about/news/2021/07/15/us-surgeon-general-issues-advisory-during-covid-19-vaccination-push-warning-american.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>

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## **United States Food and Drug Administration (FDA)**

As of July 16, 2021, 396 tests and sample collection devices are authorized by the FDA under emergency use authorizations (EUAs). These include 281 molecular tests and sample collection devices, 85 antibody and other immune response tests and 30 antigen

tests. There are 52 molecular authorizations and one antibody authorization that can be used with home-collected samples. There is one molecular prescription at-home test, three antigen prescription at-home tests, five antigen over-the-counter (OTC) at-home tests and two molecular OTC at-home tests. The FDA has authorized 11 antigen tests and seven molecular tests for serial screening programs. The FDA has also authorized 576 revisions to EUA authorizations.

<https://www.fda.gov/news-events/press-announcements/coronavirus-covid-19-update-july-16-2021>

On July 16, 2021, the FDA has formally accepted the company's Biologics License Application (BLA) requesting licensure (approval) of the Pfizer-BioNTech COVID-19 Vaccine for the prevention of COVID-19 in individuals 16 years of age and older and has granted the application priority review. Currently, the vaccine is authorized for emergency use to prevent COVID-19 in individuals ages 12 and older. The Prescription Drug User Fee (PDUFA) Goal Date of January 2022 reflects the PDUFA deadline for Priority Review and does not mean approval will not happen before that time. Quite to the contrary, the review of this BLA has been ongoing, is among the highest priorities of the agency, and the agency intends to complete the review far in advance of the PDUFA Goal Date.

[https://cdn.pfizer.com/pfizercom/2021-07/BLA\\_Acceptance\\_Media\\_Statement\\_FINAL.pdf](https://cdn.pfizer.com/pfizercom/2021-07/BLA_Acceptance_Media_Statement_FINAL.pdf)

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>

## **Centers for Disease Control and Prevention (CDC)**

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 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>

## **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 20, 2021, the FDA has granted Emergency Use Authorization (EUA) to Pfizer BioNTech, Moderna and Janssen/Johnson & Johnson. Now with three vaccines with EUA, 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.

On July 16, 2021, the CDC updated its interim public health recommendations for fully vaccinated people which apply to non-healthcare settings. For related information for healthcare settings, visit Updated Healthcare Infection Prevention and Control Recommendations in Response to COVID-19 Vaccination.

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/fully-vaccinated-guidance.html>

On July 16, 2021, the CDC updated its recommendations for families with vaccinated and unvaccinated members. If you've been vaccinated against COVID-19, you've taken the first step toward protecting yourself and your family and returning to activities you did before the pandemic. However, some family members may still need to take steps to protect themselves against COVID-19, such as children too young to get vaccinated or people with weakened immune systems. Here are some ways to help protect those family members.

<https://www.cdc.gov/coronavirus/2019-ncov/your-health/about-covid-19/caring-for-children/families.html>

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>

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>

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.

<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.

<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**

- Higher Education
  - A federal judge sided with Indiana University in a lawsuit filed by eight students who challenged the university's COVID-19 vaccine mandate and related face-masking and testing requirements. The ruling is the first evaluating the constitutionality of a COVID-19 vaccine mandate. In denying the students' motion for a preliminary injunction, U.S. District Court Judge Damon R. Leichty ruled that the students failed to show a likelihood they will succeed on their claim that IU lacks a rational basis for its vaccine requirement. The students had claimed that the vaccine requirement violated their due process rights under the 14th Amendment. <https://www.insidehighered.com/news/2021/07/20/federal-judge-upholds-indiana-universitys-covid-19-vaccine-requirement>
  - The American Association of University Professors sees "an existential threat to shared governance and academic freedom" resulting from the economic and other hardships facing most faculty members, according to a new report. The report builds on a report the AAUP issued in April on faculty salaries for the year (which fell, when adjusted for inflation, for the first time since 2011-12) but adds additional information on how COVID-19 affected the faculty and an analysis of trends affecting adjunct faculty. "Decades of divestment and chronic underfunding at the state and federal level have brought higher education to a precarious tipping point," said Irene Mulvey, president of the AAUP and a professor of mathematics at Fairfield University. <https://www.insidehighered.com/news/2021/07/19/aaup-report-documents-threats-faculty>
  
- K-12
  - All but four states — Alaska, Mississippi, Tennessee and Vermont — reported teacher shortages in special education during the 2019-20 school year, according to U.S. Department of Education data.

Additionally, recently published survey results from Frontline Education revealed 71 percent of districts with shortages find it challenging to recruit special education teachers. A lack of special educators is of particular concern because school systems are required under IDEA to provide individualized services to qualified students. Educators, families and advocates have said progression students' individualized education program goals could be hindered if there aren't enough teachers. Read more at: <https://www.k12dive.com/news/special-education-programs-have-funding-but-lack-the-educators/603278/>

## **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 Andrew M. Cuomo announced that applications are now open for the New York State Public Health Corps Fellowship Program, a first-in-the-nation program that will assist with immediate COVID-19 response and vaccination efforts and strengthen local and statewide workforce capacities required to respond to future public health emergencies. This program will provide up to 1,000 full-time, paid positions with placements at the New York State Department of Health, local health departments except for New York City, or other public health partners throughout the state. Fellows will complete online coursework and receive a Public Health Essentials Certificate from Cornell University, as outlined in the Governor's 2021 State of the State Address. <https://www.governor.ny.gov/news/governor-cuomo-announces-applications-new-york-state-public-health-corps-fellowship-program>

### **New York State Department of Health (DOH)**

On July 19, 2021, Governor Cuomo announced that applications are now open for the New York State Public Health Corps Fellowship Program, a first-in-the-nation program that will assist with immediate COVID-19 response and vaccination efforts and strengthen local and statewide workforce capacities required to respond to future public health emergencies. This program will provide up to 1,000 full-time, paid positions with placements at the New York State Department of Health, local health departments except for New York City, or other public health partners throughout the state. Fellows will complete online coursework and receive a Public Health

Essentials Certificate from Cornell University, as outlined in the Governor's 2021 State of the State Address.

<https://www.governor.ny.gov/news/governor-cuomo-announces-applications-new-york-state-public-health-corps-fellowship-program>

On July 19, 2021, Governor Cuomo announced the Canadian border will reopen to fully vaccinated U.S. citizens on August 9, 2021. "With vaccination rates continuing to increase every day in both the U.S. and Canada and infection rates remaining low, we are pleased that the Canadian government is finally reopening its borders to fully vaccinated individuals beginning August 9. An open border with our neighbors to the North means families will be reunited once again and much-needed relief for our border communities that depend on cross-border trade and supply chains. This is a significant step in our state and nation's recovery, and we must continue our work to get even more New Yorkers fully vaccinated so we can put COVID behind us once and for all."

<https://www.governor.ny.gov/news/statement-governor-andrew-m-cuomo-canadian-border-opening-fully-vaccinated-us-citizens-august>

On July 19, 2021, Governor Cuomo updated New Yorkers on the state's progress combatting COVID-19. "After over a year of containing the spread of the COVID-19 pandemic, we are now being told that COVID is now mainly a pandemic among the unvaccinated," Governor Cuomo said. "If you haven't already, I encourage you to get your shot to best protect yourself and your loved ones against the variants spreading through the nation."

<https://www.governor.ny.gov/news/governor-cuomo-updates-new-yorkers-states-progress-during-covid-19-pandemic-200>

For a list of 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

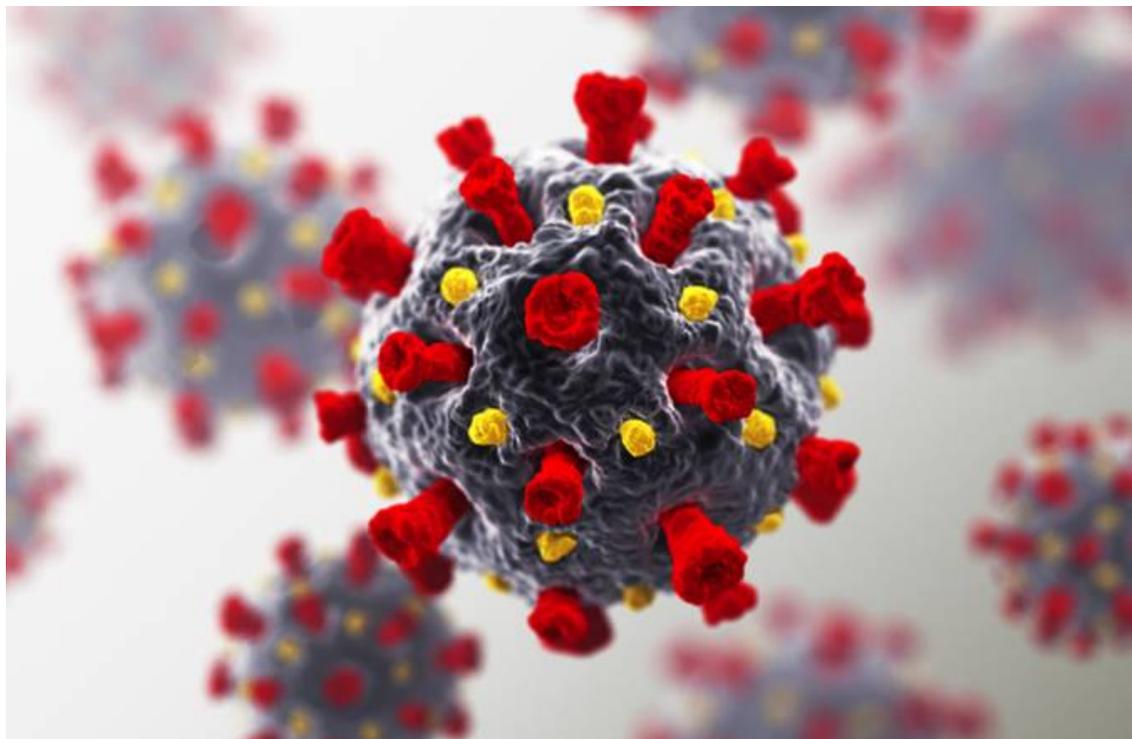
<https://coronavirus.health.ny.gov/home>

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## Connecticut

- Pursuant to the authorization by the Connecticut General Assembly last week to extend the duration of the public health and civil preparedness emergencies in response to the COVID-19 pandemic to September 30, 2021, Governor Lamont signed an executive order on 7/19 that extends the duration of several previously issued executive orders while making slight modifications to some of them, and also allows the remaining 27 previously issued executive orders to expire. <https://portal.ct.gov/Office-of-the->

[Governor/News/Press-Releases/2021/07-2021/Governor-Lamont-Coronavirus-Update-July-19](#)



## Local Updates

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### **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)**

NYC DOHMH launched a new 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>

For the latest COVID-19 information from NYC DOHMH  
<https://www1.nyc.gov/site/doh/covid/covid-19-main.page>

## **Westchester County Department of Health**

For the latest breakdown of positive cases in Westchester County as of July 18, 2021  
<https://wcgis.maps.arcgis.com/apps/dashboards/280339d96db14efd9cc304dba0f3a71d>

For the latest COVID-19 information in Westchester including how to avoid the latest vaccine scams offering earlier access to vaccines.  
<https://health.westchestergov.com/2019-novel-coronavirus>

## **Putnam County Department of Health**

Breakdown of positive cases by towns in Putnam County as of July 16, 2021-  
<https://www.putnamcountyny.com/covid19/>

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 July 19, 2021  
<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>

## **Orange County Department of Health**

Updated COVID-19 dashboard for Orange County as of July 19, 2021  
<https://ocngis.maps.arcgis.com/apps/dashboards/21de1fb5ce0c480f95dc0cf2b8b83b71>

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

## **Rockland County Department of Health**

Review Rockland County's dashboard with the latest COVID-19 information regarding cases as of July 19, 2021  
<https://www.arcgis.com/apps/dashboards/d074e0336e81449393a76d1768ceb096>

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

## **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:**

#### **Residents' Graduation Ceremony Marks End of "COVID Class" at Saint Michael's Medical Center**

Tap Into Network

6/10/2020

<https://www.tapinto.net/towns/newark/sections/health-and-wellness/articles/residents-graduation-ceremony-marks-end-of-covid-class-at-saint-michael-s-medical-center>

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