

Allegheny Communicable Disease Update

November 4th, 2022

Communicable Disease Updates & Important Points

New Respiratory Virus Surveillance Dashboard

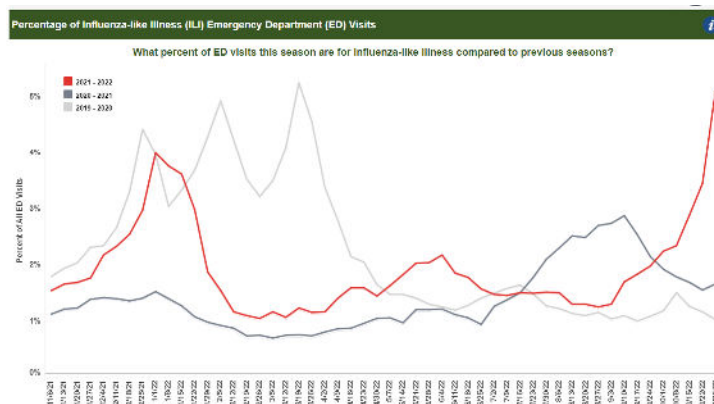
NC DHHS has unveiled an interactive tableau dashboard to display circulating influenza and respiratory surveillance data. Visit the [NCDHHS dashboard](#) to see current and past trends.

Respiratory Syncytial Virus (RSV)

Recent state and nation-wide data shows a substantial increase in RSV. This increase has the potential to strain pediatric hospital capacity, particularly in combination with increases in other respiratory illnesses.

Influenza

There has been a significant increase in the flu and it is happening earlier in the year than previous flu seasons. To the right is a screenshot from the NC DHHS dashboard of the percentage of influenza-like illness for individuals who present to the Emergency Department in North Carolina. The red line is the current trend for the 2021-2022 season showing the recent increase.



In order to protect yourself and loved ones and prevent the spread of respiratory viruses:

- **Get a vaccine for flu and COVID-19, including a COVID-19 booster**
- **Wash your hands often.** Use soap and water or hand sanitizer to kill any germs you may have come into contact with.
- **If you are sick, stay home.** If you are not feeling well, stay home and away from others as much as possible. This will greatly limit the spread of illness in our community.
- **Make a plan in case you get sick ahead of time.**
 - **Keep a supply of COVID tests on-hand.** Use them if you become sick. Free tests are available at AppHealthCare locations while they last.
 - **Know how to reach your healthcare provider if you or your family develop symptoms.** Early treatment is important if you are at high risk.
 - **Do not visit an Emergency Department unless it is a true medical emergency.**

Monkeypox

Monkeypox is a rare disease caused by infection with the monkeypox virus, which is closely related to the virus causing smallpox.

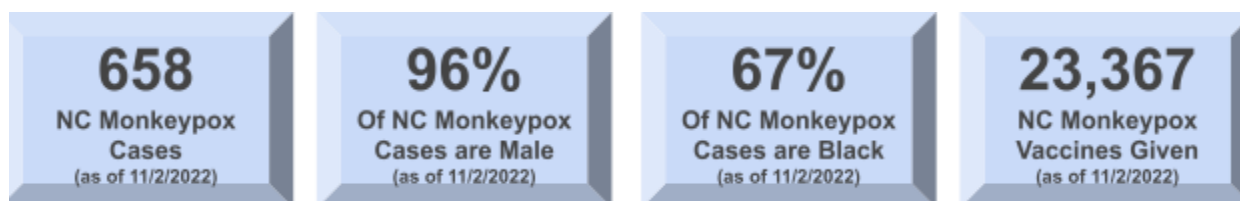
CDC recommends vaccination for people who have been exposed to monkeypox and people who are at higher risk of being exposed to monkeypox.

For up-to-date North Carolina monkeypox case counts and information visit [North Carolina Department of Health and Human Services](#), and for prevention, symptoms, vaccine and treatment information visit the [Centers for Disease Control and Prevention](#).

If you are worried about symptoms of monkeypox, or have been in contact with someone who has monkeypox, reach out to your healthcare provider or local health department. AppHealthCare is the local health department for Alleghany, Ashe and Watauga Counties, and we can be reached at (828) 795-1970.

Monkeypox Data in North Carolina

(Monkeypox data accessed from [NCDHHS Monkeypox Data Dashboard](#), with monkeypox case count current as of 11/2/2022, and demographic and vaccine information current as of 11/2/2022)



(“Monkeypox Cases by Date of Symptom Onset” with data current as of November 2nd, 2022, and “Monkeypox Cases by County, 2022” with data current as of November 2nd, 2022, accessed from NCDHHS’s [2022 Monkeypox Surveillance Data](#))

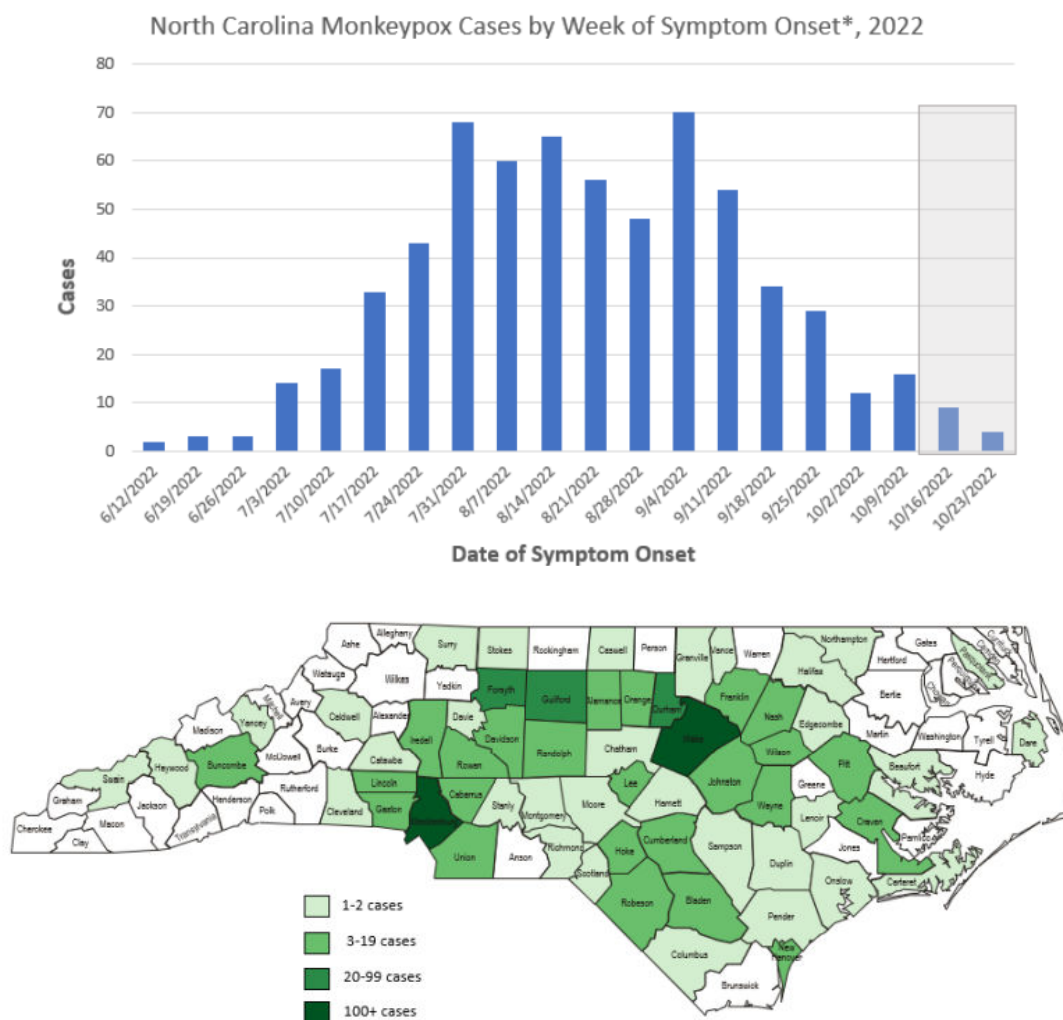


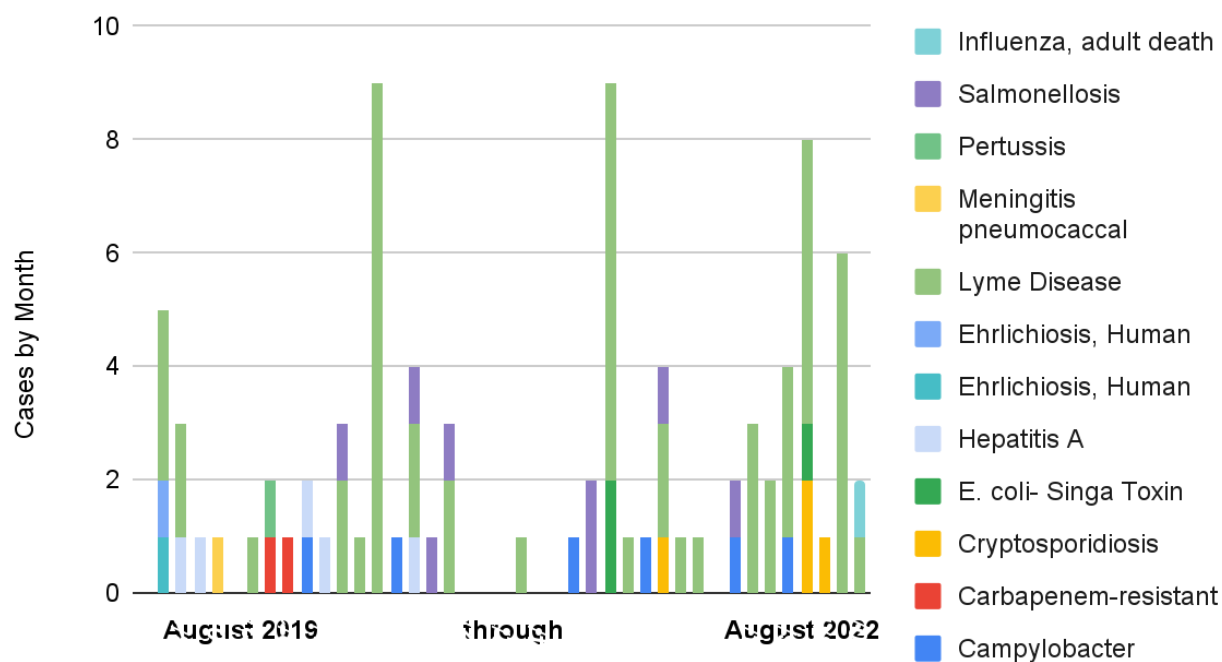
Figure 1: Monkeypox Cases by County, November 2, 2022

Communicable Disease Data (excluding COVID-19)

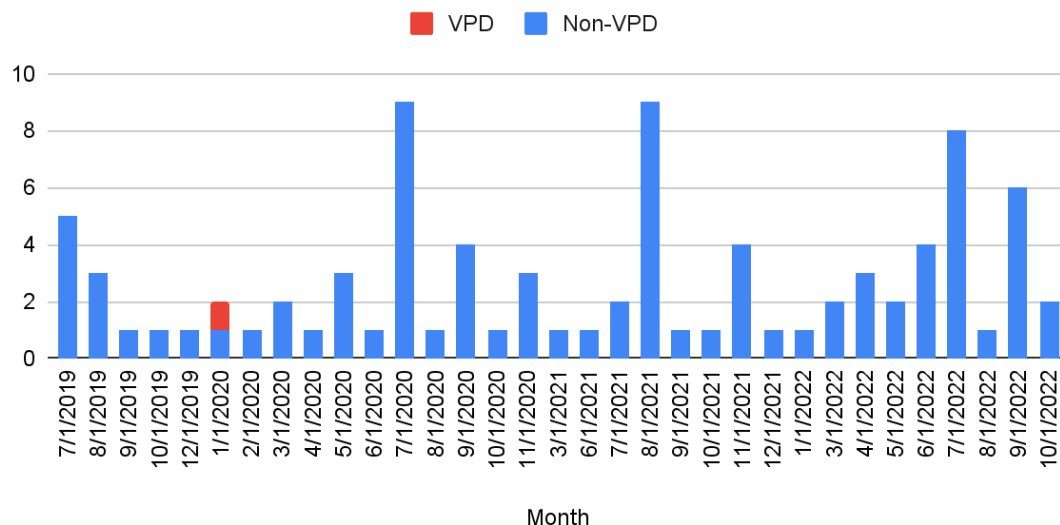
Vaccines prevent disease in the people who receive them and also in the broader community. Because of childhood vaccination programs, diseases like polio, measles, diphtheria, rubella (German measles), mumps, tetanus, and Haemophilus influenzae type b (Hib) are no longer widespread in the United States. However, cases and outbreaks of these diseases continue to occur due to travel to and from areas with lower vaccine coverage. Many diseases however are not preventable through vaccines, including but not limited to Lyme disease, rocky mountain spotted fever, and salmonella.

The figures below represent communicable disease cases in residents of Allegheny County by month, excluding COVID-19, reported between June of 2019 and September of 2022.

Communicable Disease Cases in Allegheny County by Month



Allegheny County Vaccine Preventable Disease (VPD) and Non-Vaccine Preventable Disease (Non VPD) by Month



COVID-19 Updates & Important Points

Protect Yourself & Others

Vaccinate and Boost: If you are unvaccinated, don't wait - get a vaccine today. **Vaccines continue to be our best tool at preventing severe outcomes like hospitalization and death.** Vaccines are widely available at pharmacies, healthcare offices and health departments. Talk to your healthcare provider if you have specific questions related to your medical history. For a list of local vaccine providers, visit AppHealthCare.com. The bivalent vaccine has been updated to add protection for the BA.4 and BA.5 variants (in addition to the original strain).

Test: Get tested if you have any symptoms of COVID-19 or have been exposed to someone with COVID-19. Testing is available at pharmacies, healthcare offices and health departments. At-home test kits are also available free of charge at our health department/health center locations. The federal at-home test program has been suspended as of today due to lack of funding. For a list of local testing options and at-home testing information, visit AppHealthCare.com.

Mask: Masks can help protect you and others from COVID-19. Individuals may wear a mask based on personal preference. Masks remain important in higher risk settings like healthcare facilities, long term care facilities, and correctional facilities. Also, if you are at higher risk of severe illness, may be in a setting of higher risk or have concerns about your exposure risk, you may choose to add to your layered protection by wearing a high quality, well-fitted mask, in addition to being up-to-date with COVID-19 vaccinations.

Treatment Options

While vaccines offer the best protection against severe outcomes due to COVID-19, treatment options are available to decrease your risk of hospitalization and death. Early testing and treatment are key. Any treatment should be recommended by a healthcare provider and requires a positive COVID-19 test. For more information about available treatment options and to find a treatment location near you, visit the [NC DHHS website](https://www.hhs.gov/ncdhhs/).

Healthcare Infection Control Standards

The CDC is asking healthcare facilities to track COVID-19 transmission levels in their community to guide masking within the facility. Refer to the latest [CDC guidance](https://www.cdc.gov/media/releases/2022/s111622-cdc-guidance.html).

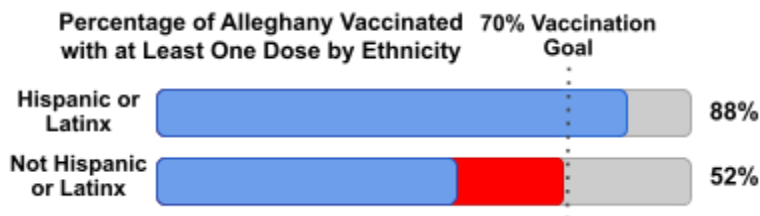
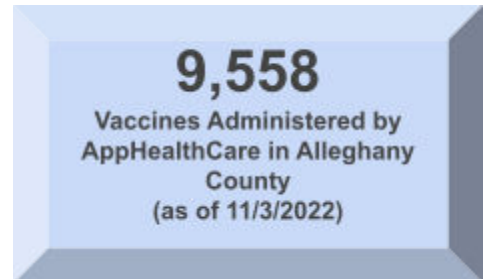
For more information, visit AppHealthCare.com or call our COVID-19 Call Center at (828) 795-1970.

COVID-19 Allegheny County Vaccination Updates

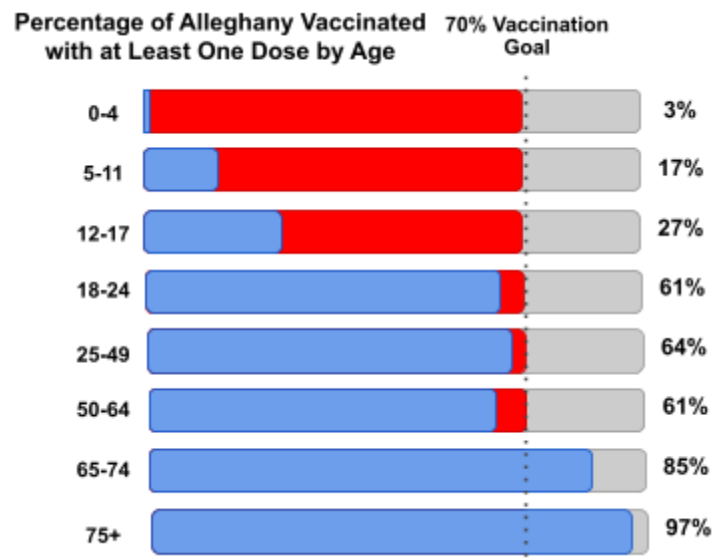
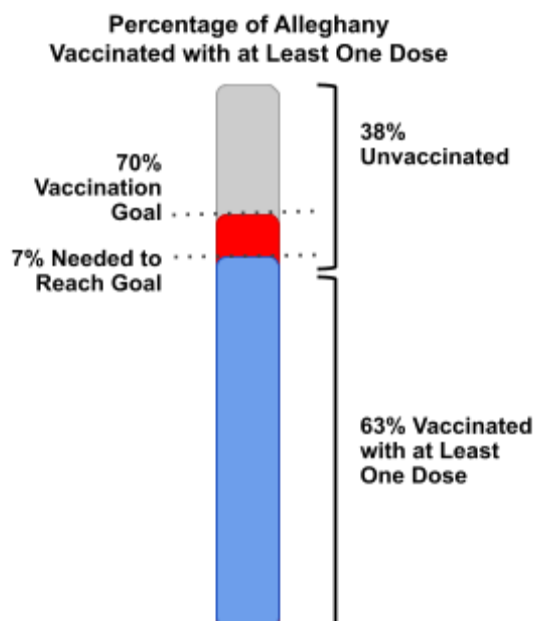
County-specific race, ethnicity and age data are from the [NCDHHS COVID-19 Vaccination Dashboard](#),
- (All vaccine demographic data are current as of 11/3/2022).

Data tracking these outcomes is updated monthly and can be viewed at [the CDC Data Tracker site linked here](#).

For more information regarding COVID-19 vaccines or a list of local providers, visit [AppHealthCare.com](#).



Percent of Population by Race Vaccinated with at Least One Dose	
American Indian or Alaskan Native	0%
Asian	0%
Black or African American	0%
Native Hawaiian or Other Pacific Islander	0%
White	47%



Alleghany County COVID-19 Case Updates

Cases to Date in Alleghany County: (Data is current as of 11/3/2022)

Alleghany County COVID-19 Community Level: **Low**

(All data and guidance per the [Centers for Disease Control and Prevention](#), accessed November 3rd, 2022)

Stay up to date with COVID-19 vaccines. Get tested if you have symptoms. Wear a mask if you have symptoms, a positive test, or exposure to someone with COVID-19. Wear a mask on public transportation. You may choose to wear a mask at any time as an additional precaution to protect yourself and others.

Active Clusters and Outbreaks in Alleghany County

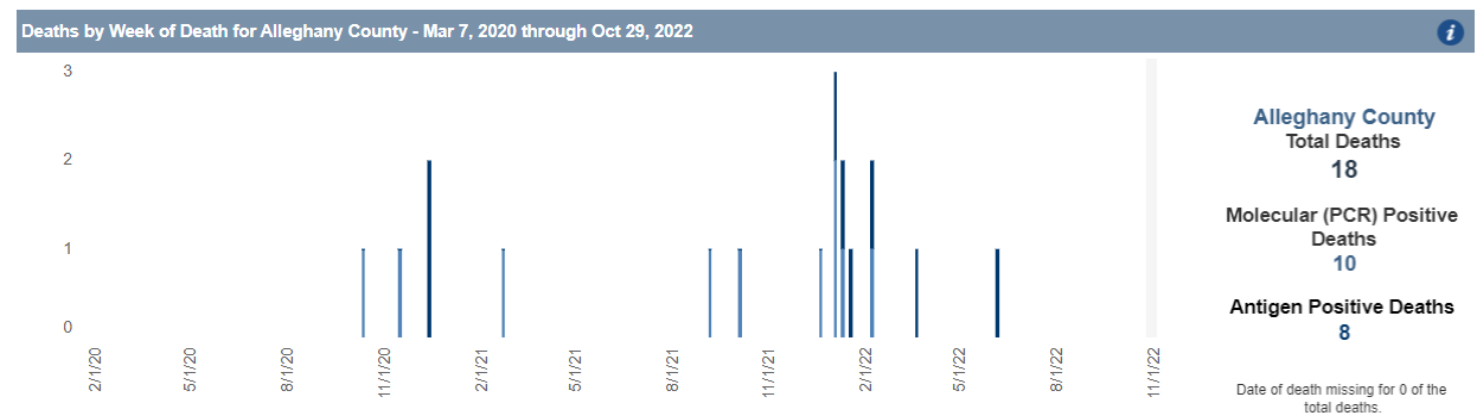
The current cluster and outbreak information for congregate living, childcare and educational settings in our district can be viewed at the [NC DHHS Cluster and Outbreak reports](#). An outbreak is defined as two or more laboratory confirmed cases within a 28 day period in a congregate living setting. A cluster is defined as a minimum of five cases within a 14-day period and plausible epidemiologic linkage between cases. An outbreak or cluster is considered active until 28 days have passed with no newly identified cases.

[Click here to view COVID-19 case and trend distribution by demographic groups for Alleghany County.](#)

COVID-19 Related Deaths

The majority of COVID-19 related deaths occur among individuals who are unvaccinated. Staying up to date on vaccination, including boosters recommended by the CDC, remains the most effective way to prevent severe outcomes like severe illness, hospitalization and death from COVID-19.

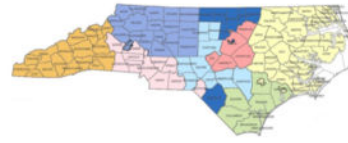
North Carolina now uses an electronic death certificate system which has identified additional deaths that occurred January 1 through March 31, 2022. The total deaths for Alleghany County residents is 18 (as of 11/3/2022).



For additional data related to COVID-19 deaths, visit the [NC DHHS COVID-19 Data Dashboard](#).

Regional COVID-19 Hospitalization Data

The hospitalization data reflected is for the Triad Health Preparedness Coalition Region (THPC), which includes Alleghany County. All hospitalization data is from [NCDHHS' Hospitalization Data Dashboard](#). (All data is current as of 11/2/2022)



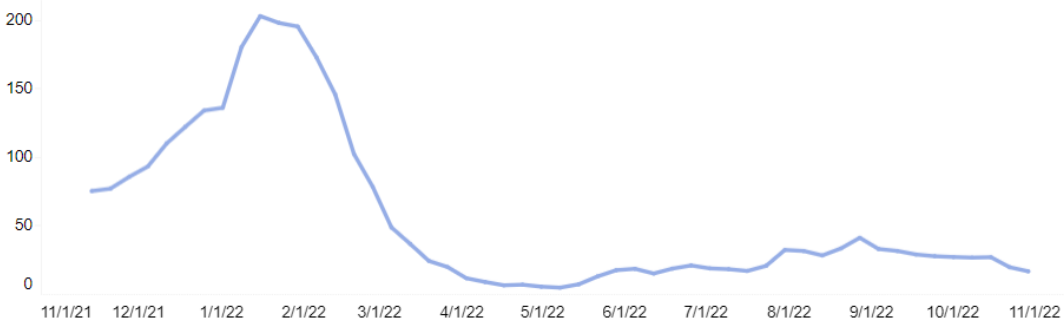
CapRAC - Capital Region Healthcare Preparedness Coalition
DHPC - Duke Healthcare Preparedness Coalition
EHPC - Eastern Healthcare Preparedness Coalition
MAHPC - Mountain Area Healthcare Preparedness Coalition
MCRHC - Mid Carolina Regional Healthcare Coalition
MHP - Metrolina Healthcare Preparedness Coalition
SHPR - Southeastern Healthcare Preparedness Region
THPC - Triad Healthcare Preparedness Coalition

Currently Hospitalized COVID-19 Patients in THPC



163
Currently COVID-19 hospitalized patients as of 10/29/2022

Number of COVID-19 Adult ICU Patients in THPC



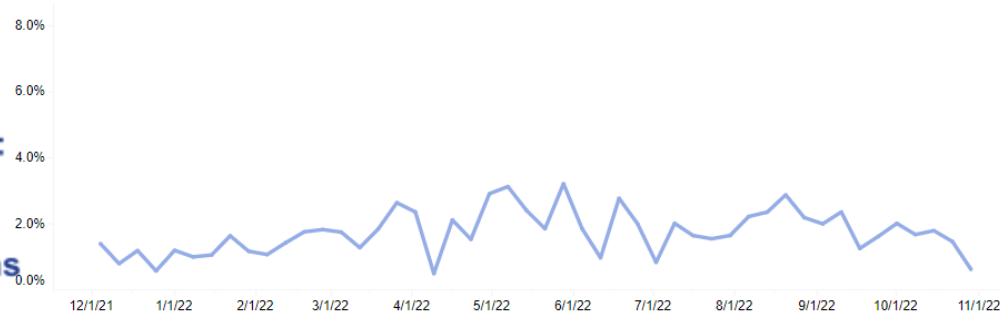
17
Current COVID-19 adult ICU patients as of 10/29/2022

Weekly COVID-19 Hospital Severity Trend: Percent of Patients on a Ventilator in THPC



6%
Of currently hospitalized COVID-19 patients on a ventilator as of 10/29/2022

Weekly COVID-19 Hospital Severity Trend: Percent of Pediatric Hospitalizations in THPC



0.6%
Of currently hospitalized COVID-19 patients are pediatric as of 10/29/2022

North Carolina COVID-19 Case Updates

North Carolina State Synopsis

The North Carolina COVID-19 State Synopsis can be viewed at: [COVID-19 State Profile Report](#), which is provided by White House COVID-19 Team, Joint Coordination Cell, Data Strategy and Execution Workgroup.

COVID-19 Variants Detected in North Carolina by Week

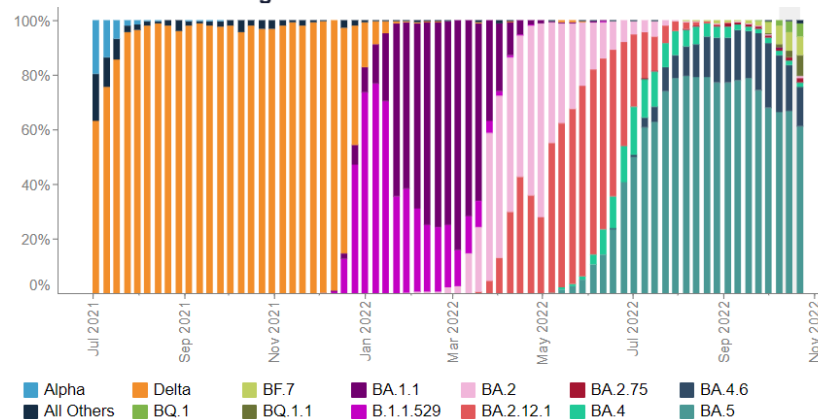
The Omicron variants seem to spread more easily and quickly than other variants, which may lead to more cases of COVID-19.

Current COVID-19 vaccines are expected to

protect against severe illness, hospitalizations, and deaths from the COVID-19 variants. The best way to protect yourself is by getting a COVID-19 vaccination, and booster once eligible.

Data on COVID-19 Variants Detected in North Carolina by Week was accessed from and can be viewed at: [North Carolina Department of Health and Human Services' COVID-19 Surveillance Study](#).

What variants are being detected in North Carolina?



Last Two Weeks
Oct 09, 2022 - Oct 22, 2022

Category	Type	Sequenced Cases	% of Total
Omicron	BA.2	1	0.24%
	BA.2.75	5	1.21%
	BA.4	7	1.69%
	BA.4.6	66	15.94%
	BA.5	271	65.46%
	BF.7	28	6.76%
	BQ.1	17	4.11%
Other	BQ.1.1	17	4.11%
	All Others	2	0.48%

State Wastewater Surveillance Data

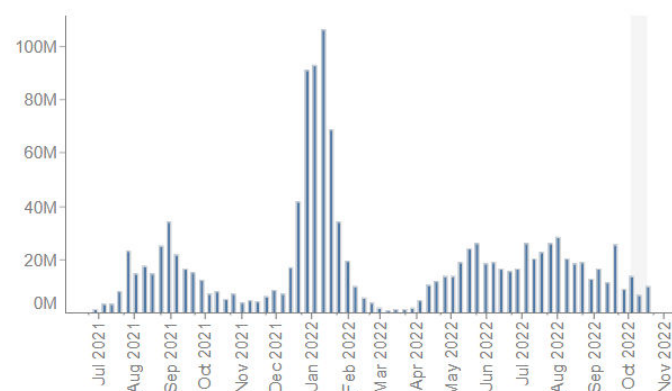
NC Department of Health and Human Services is collecting wastewater samples from an increasing set of participating wastewater treatment plants across NC to test for levels of SARS-CoV-2, the virus that causes COVID-19. Individuals infected with COVID-19 shed viral particles in their stool, which can be measured in wastewater. This metric will be increasingly important in measuring the amount of virus at the community level, as it provides information regarding the levels of virus independently of testing participation or reporting.

State wastewater surveillance data is from the NC DHHS dashboard, where it is updated weekly and can be accessed [here](#).

10.1 Million Previous Week 6.8 Million

COVID-19 Virus Particles Found in Wastewater

COVID-19 virus particles appearing in wastewater can signal how quickly the virus is spreading, even if people don't get tested or have symptoms.



Alleghany (336) 372-5641 | Ashe (336) 246-9449 | Watauga (828) 264-4995

AppHealthCare COVID-19 Call Center: (828) 795-1970

General COVID-19 Questions: preparedness@apphealth.com

Media inquiries: media@apphealth.com

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