

Where Are We Now?

The Current State of COVID-19



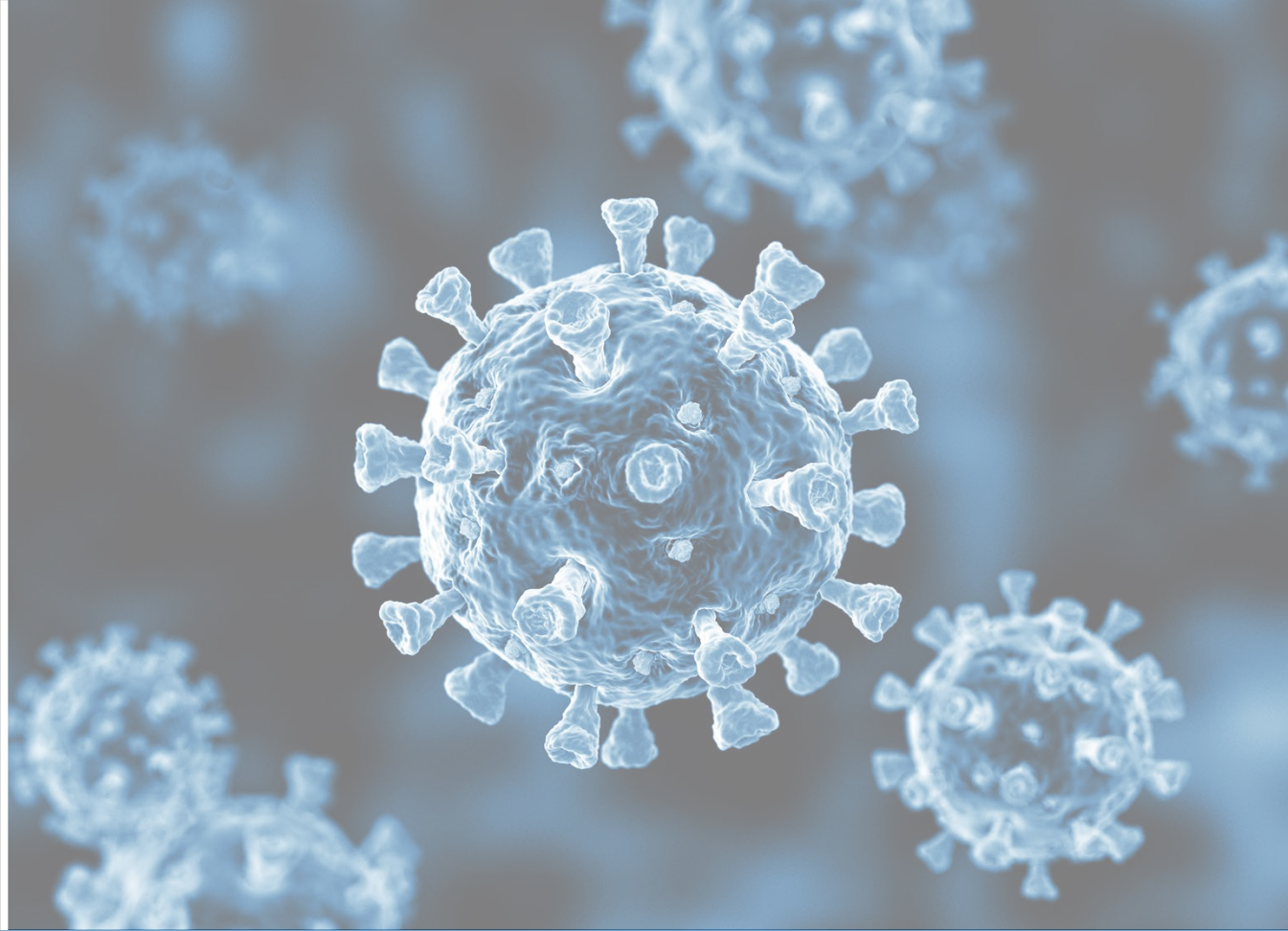
Bruce Vanderhoff, MD, MBA

Director of the Ohio Department of Health



THANK YOU
HEALTHCARE HEROES

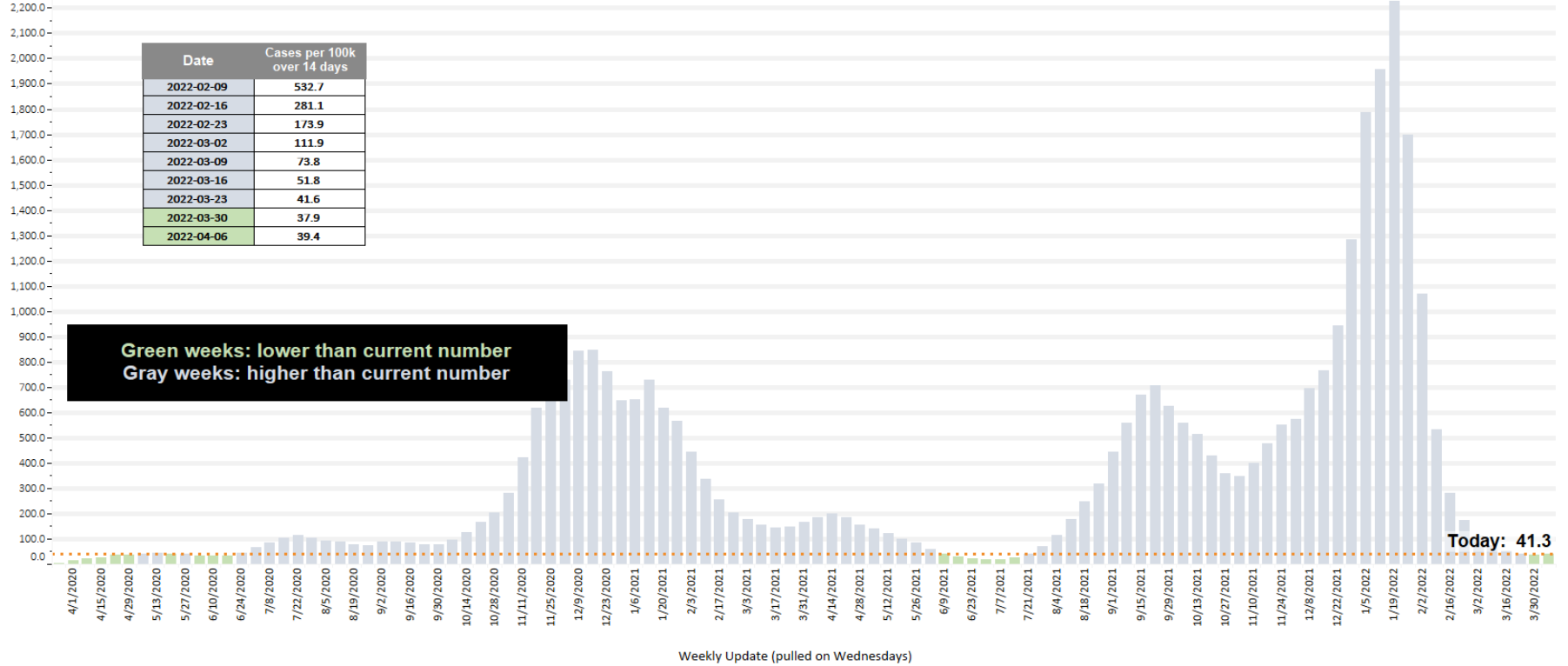
Current State of COVID-19



COVID-19 Cases Per Capita in Ohio

Today's number was pulled on 04/07/22 for case onset dates of 03/24/22 through 04/06/22. Excludes incarcerated individuals.

Cases per 100K: Historical



COVID-19: Ohio National Guard Support

During a two-month period, more than 2,000 Guard members were deployed, working in 64 hospitals, in nursing homes and warehouses. They also administered nearly 130,000 COVID-19 tests at more than 21 testing sites.



Photo provided by Cleveland Clinic

COVID-19: CDC COVID-19 Community Levels

COVID-19 Community Levels – Use the Highest Level that Applies to Your Community

New COVID-19 Cases Per 100,000 people in the past 7 days	Indicators	Low	Medium	High
Fewer than 200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0%	10.0-14.9%	≥15.0%
200 or more	New COVID-19 admissions per 100,000 population (7-day total)	NA	<10.0	≥10.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	NA	<10.0%	≥10.0%

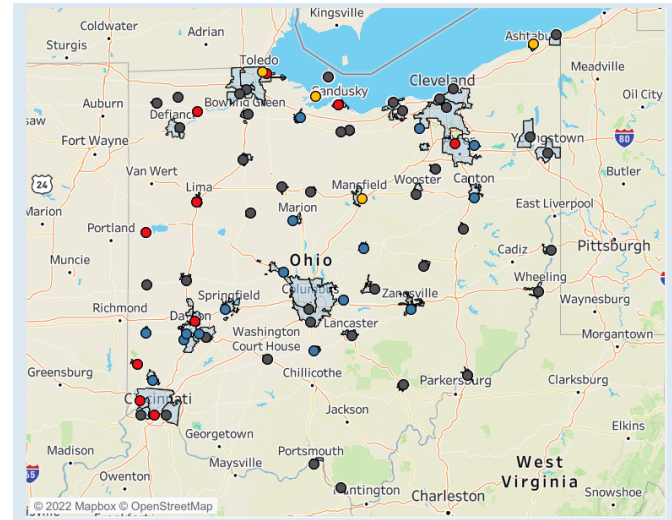
By this measure, all 88 of Ohio's counties currently have a low COVID-19 Community Level.

Hospitalizations are currently less than 400, according to the Ohio Hospital Association.



COVID-19: Wastewater Testing Program

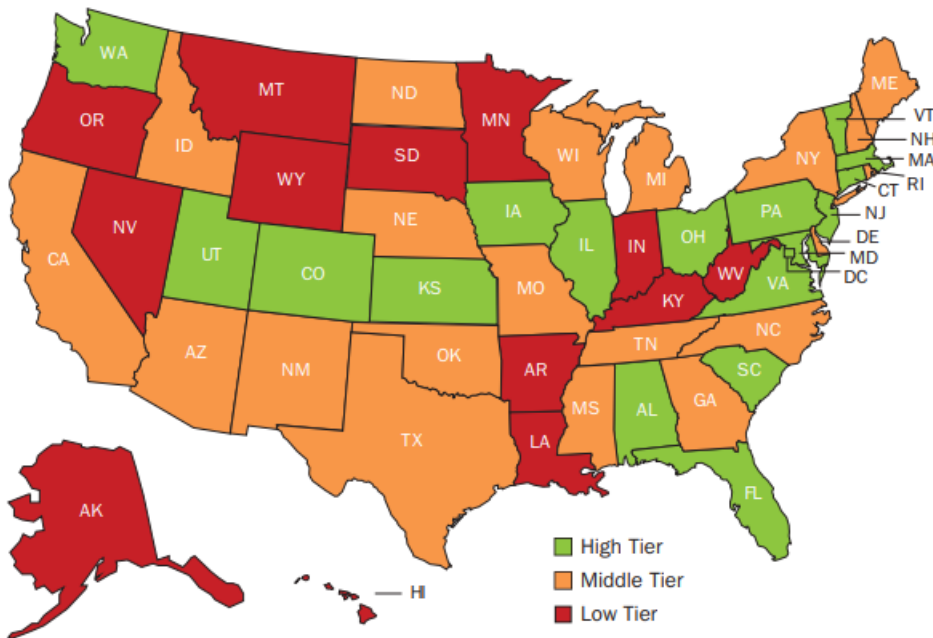
In Ohio, we haven't been seeing as much of BA.2. Our most recent data from clinical cases, shows that BA.2 represents about 25% of all cases. Likewise, looking at results of our robust wastewater testing program, BA.2 has been found in some, but not all, of the 74 watersheds where we collect samples.



COVID-19: 2021 Public Health Emergency Preparedness Rankings

We are proud that the Trust for America's Health, a national non-profit health policy organization, recently rated Ohio in the highest tier in its 2021 Public Health Emergency Preparedness rankings.

Indicators of State Public Health Emergency Preparedness
State performance, by scoring tier, 2021



COVID-19: The Four Pillars of Readiness

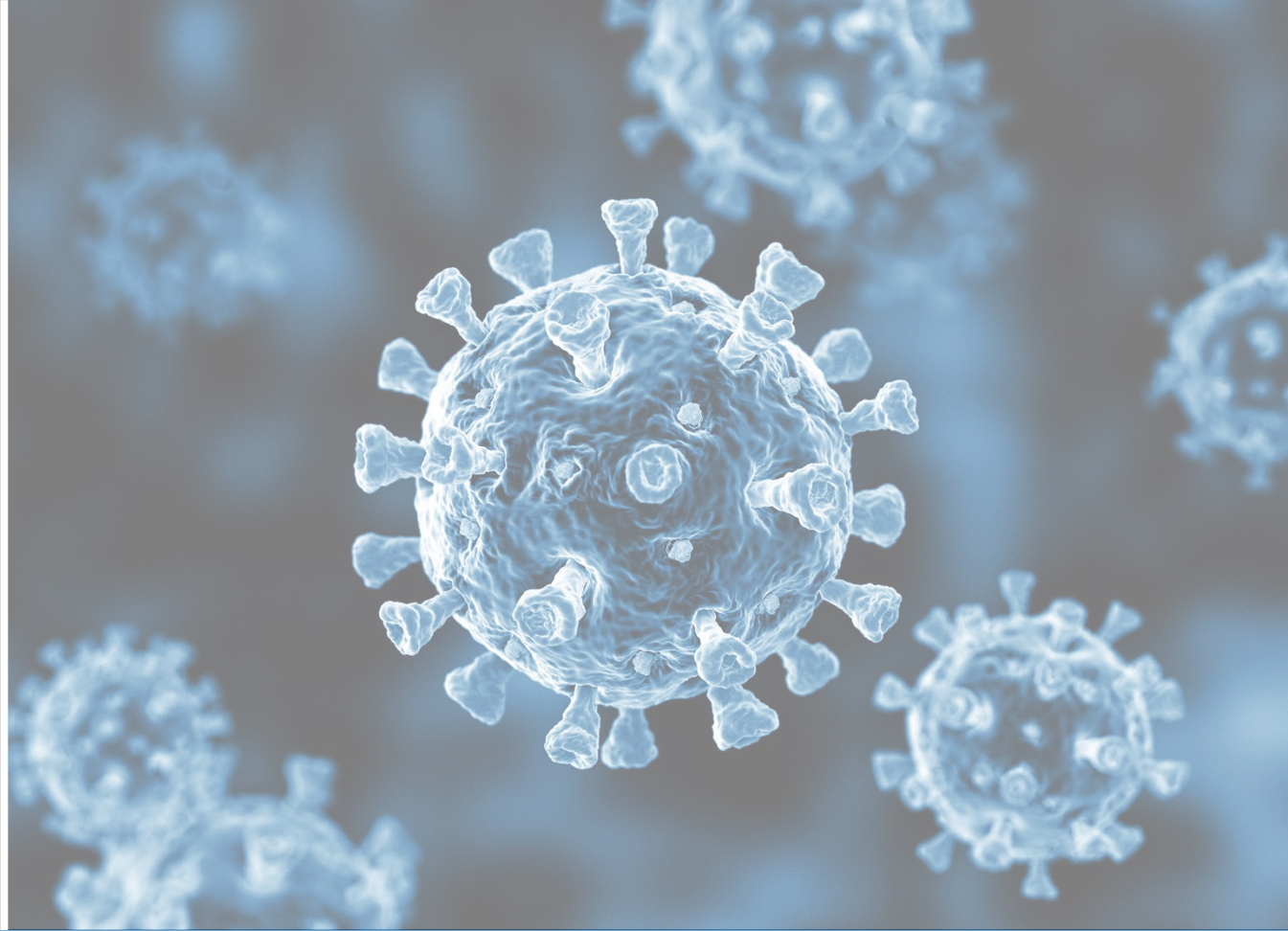
Surveillance

Testing

Vaccines

Therapeutics

The Four Pillars: Surveillance

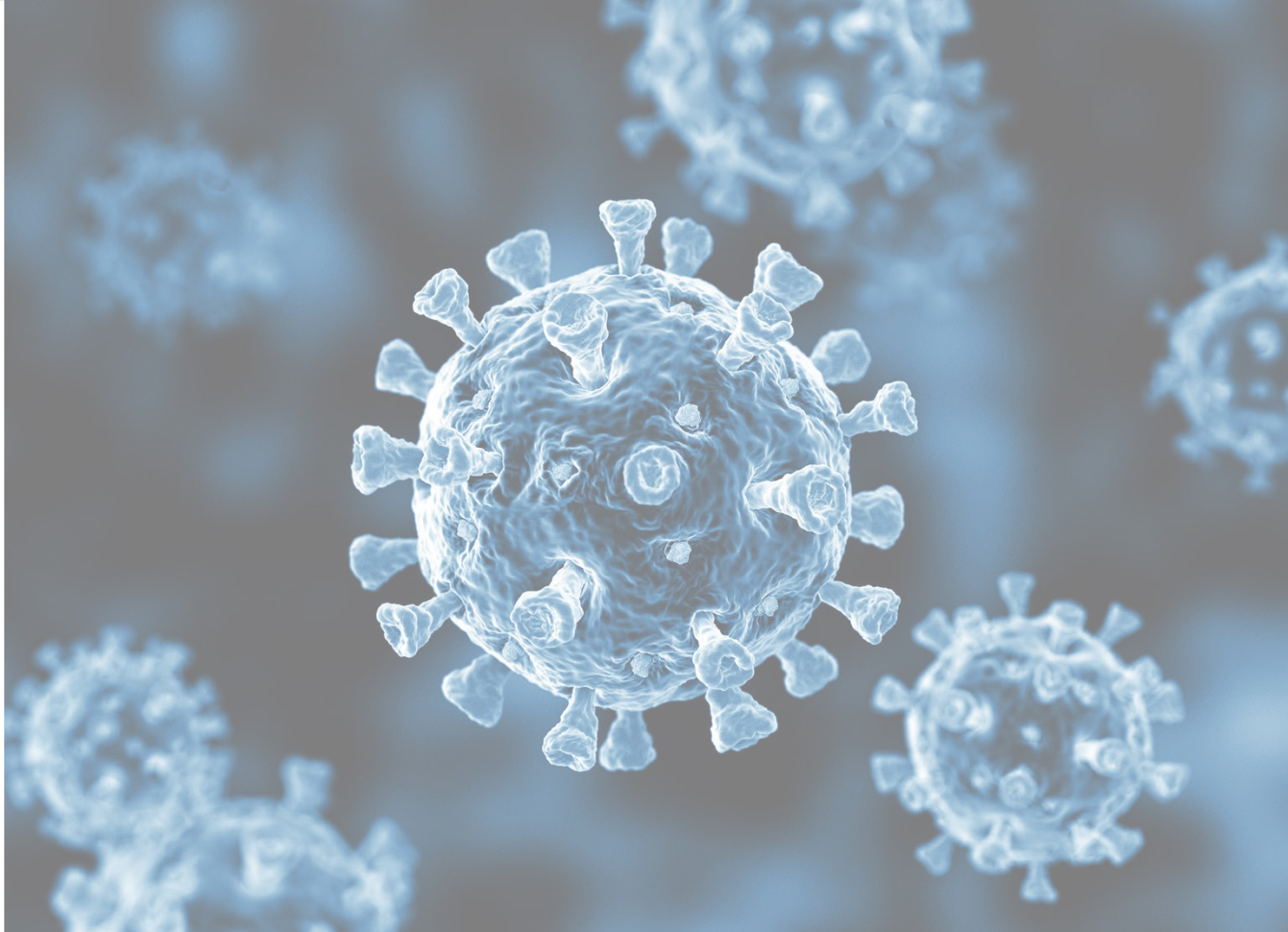


COVID-19: National Wastewater Surveillance System (NWSS)

- Wastewater surveillance captures presence of SARS-CoV-2 shed by people with and without symptoms.
- Wastewater surveillance can be an early indicator that the number of people with COVID-19 in a community is increasing or decreasing.
- Wastewater surveillance does not depend on people having access to healthcare, people seeking healthcare when sick, or availability of COVID-19 testing.
- Wastewater surveillance can be implemented in many communities since nearly 80 percent of U.S. households are served by municipal wastewater collection systems.



The Four Pillars: Testing



Easy access to tests on the front end can lead to more effective treatment on the back end. Also known as, the “Test-to-Treat” strategy.



COVID-19: Testing

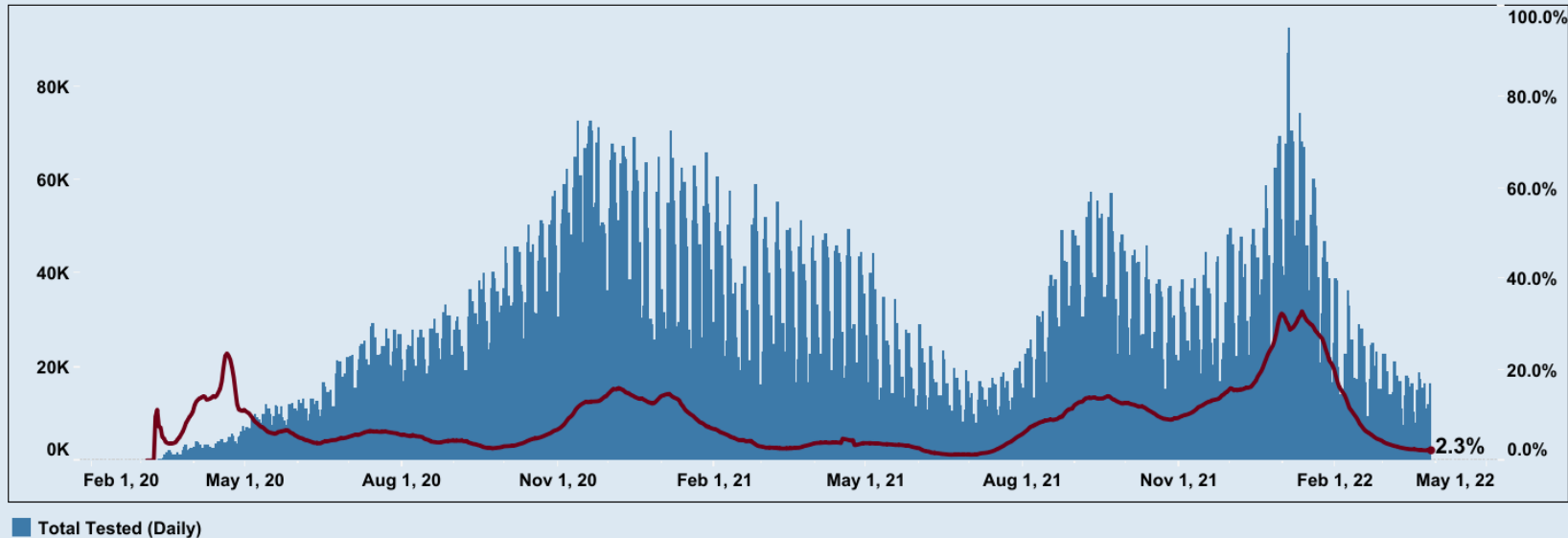
State of Ohio | COVID-19 Diagnostic Tests Performed and Percent Positivity

Statewide Confirmatory and Presumptive Testing

Date of Reported Results: 03-29-22
Updated Thursdays

View By:

View trends by confirmatory laboratory tests, presumptive laboratory tests, or confirmatory and presumptive laboratory tests
Confirmatory Laboratory Tests*



COVID-19: Testing Locations

State of Ohio | COVID-19 Testing and Community Centers

County
All

Postal Code
All

Pop-up Testing Site



Testing Location



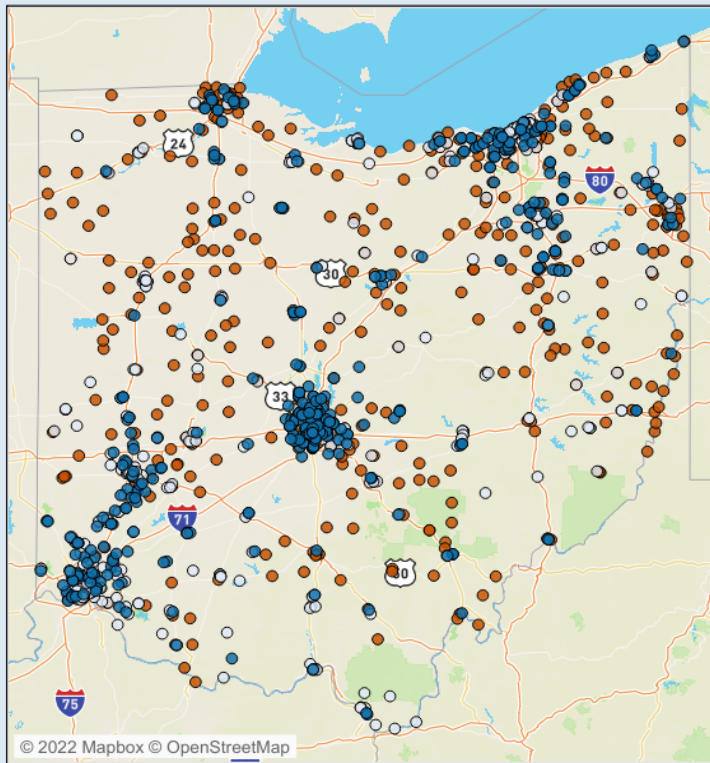
Community Health Center



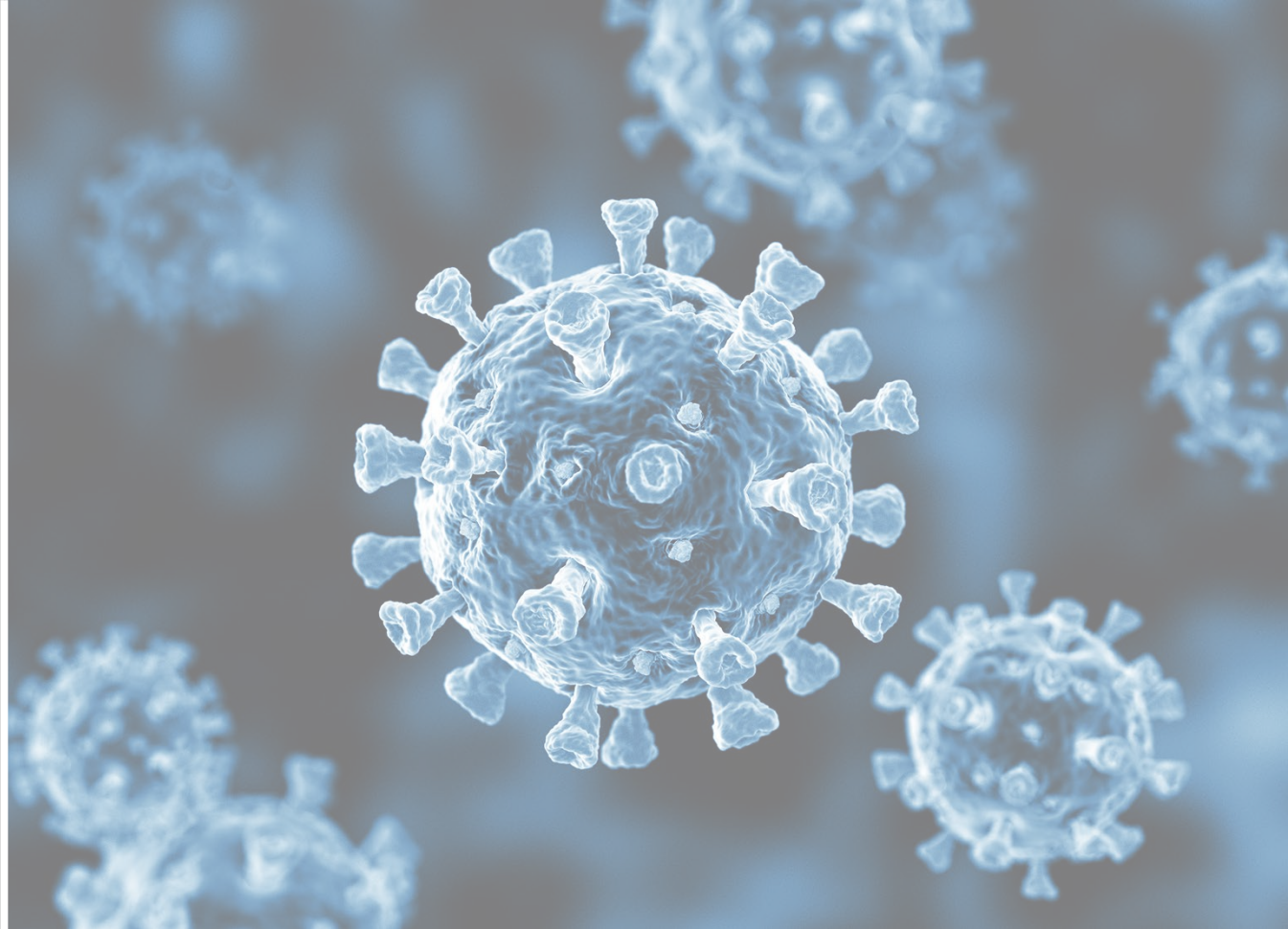
Rapid Test - At Home Tests



Rapid Test - Onsite Testing



The Four Pillars: Vaccines



21x

Those who contracted COVID-19 in January who were age 12 or older and unvaccinated were 21 times more likely to die than those who were fully vaccinated.

COVID-19: Boosters

Do I qualify for a COVID-19 vaccine booster and which one?

Which primary vaccine series did you complete?	Pfizer-BioNTech or Comirnaty	Moderna or Spikevax	Janssen (J&J)
You may get a single booster dose if:	It's been at least 5 months since completing a primary series AND you are age 12+	It's been at least 5 months since completing a primary series AND you are age 18+	It's been at least 2 months since completing the primary vaccination AND you are age 18+
If eligible, you may get a single booster dose of:	Pfizer-BioNTech* Moderna Janssen (J&J)	Moderna Pfizer-BioNTech Janssen (J&J)	Janssen (J&J) Pfizer-BioNTech Moderna
You may get a second booster dose if:	It's been at least 4 months since the first booster dose AND you are age 50+ OR age 12+ with certain kinds of immunocompromise	It's been at least 4 months since the first booster dose AND you are age 50+ OR age 18+ with certain kinds of immunocompromise	It's been at least 4 months since the first booster dose AND you are age 50+ OR age 18+ with certain kinds of immunocompromise
If eligible, you may get a second booster dose of:	Pfizer-BioNTech* Moderna	Pfizer-BioNTech Moderna	Pfizer-BioNTech Moderna

*Only Pfizer-BioNTech can be used for first and second booster doses in those ages 12 through 17.

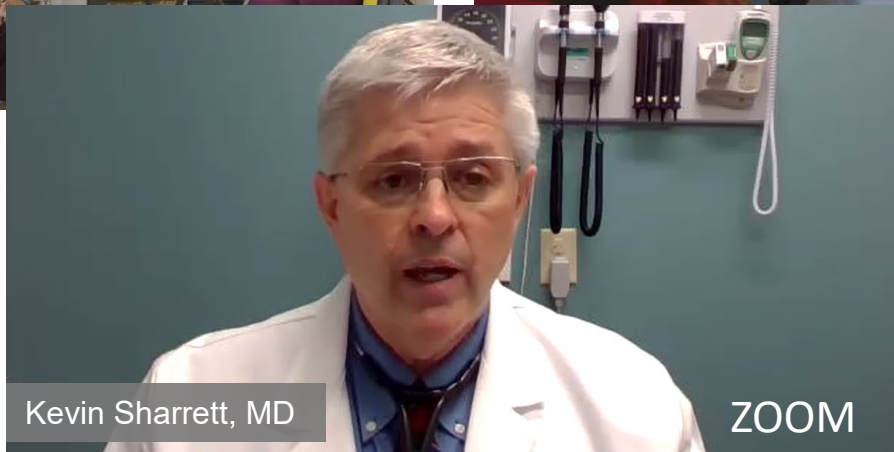
For more information, visit www.fda.gov/covid19vaccines



COVID-19: Promoting Vaccines



Frederic Bertley, Ph.D
President and CEO | COSI



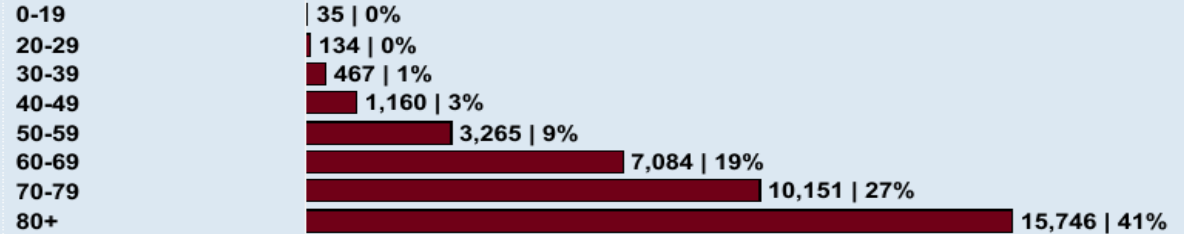
Kevin Sharrett, MD

ZOOM

State of Ohio | COVID-19 Mortality Metrics

Total Death Count
38,042

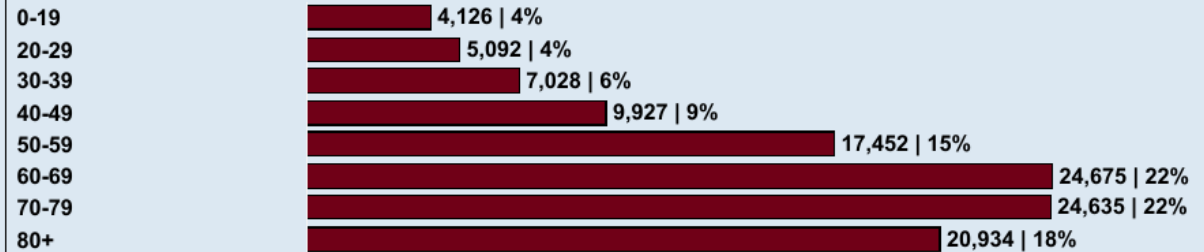
Age Range



State of Ohio | COVID-19 Hospitalization Metrics

COVID-19 Long-term Facilities
Mortality*
Total Deaths
8,986

Age Range



COVID-19: Ohio Vaccine and Booster Data

Vaccine
Started
5+
66.20%

Vaccine
Completed
5+
61.34%

Vaccine
Completed
Recipients
6,746,444

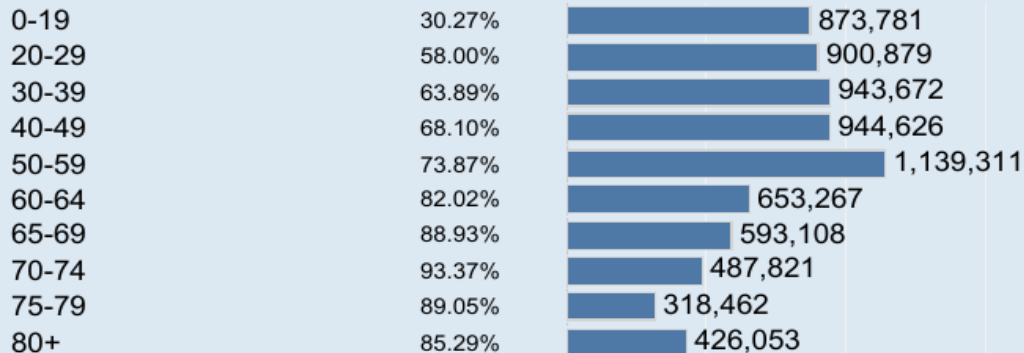
Booster
Dose
Recipients
3,471,548

Vaccine Started*

Key Metrics

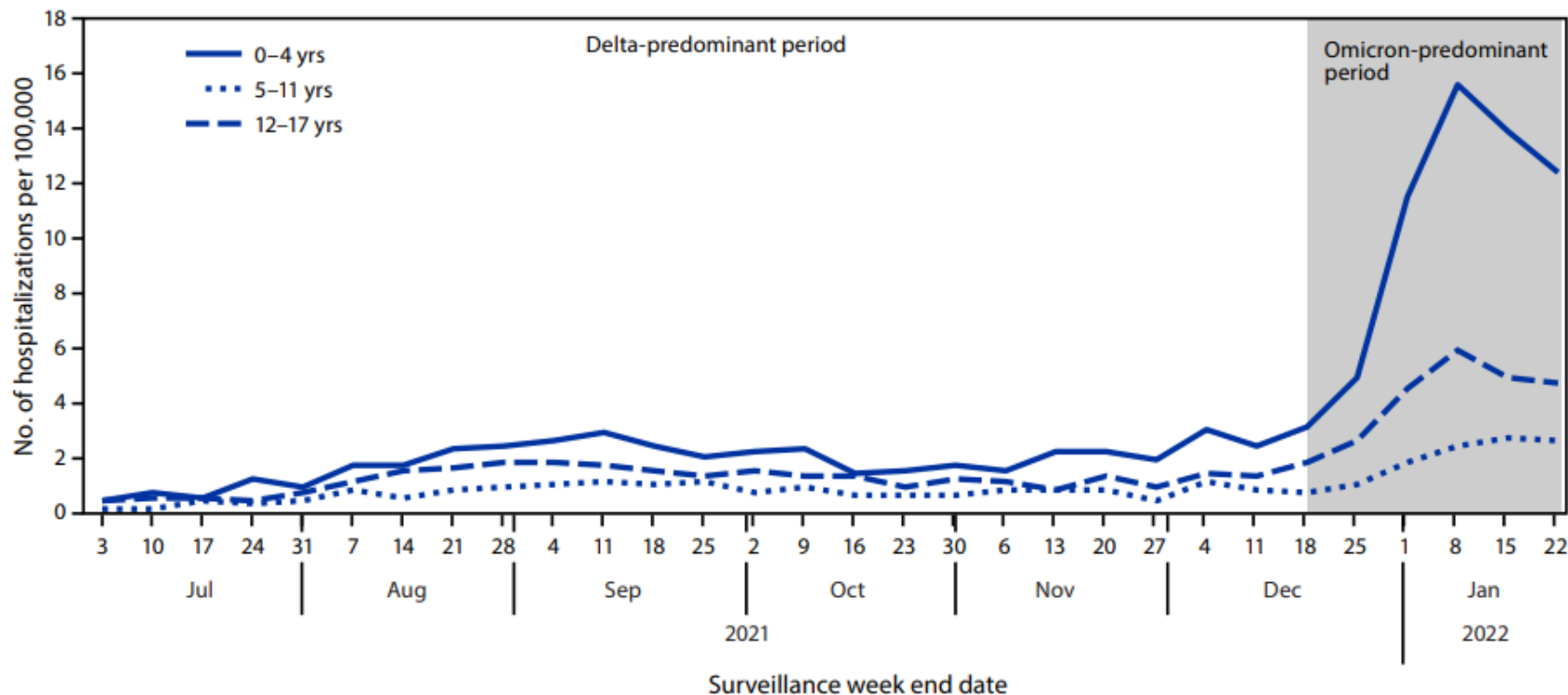
Select to view key demographic groups

Age Group



COVID-19: Hospitalization Rates for Children

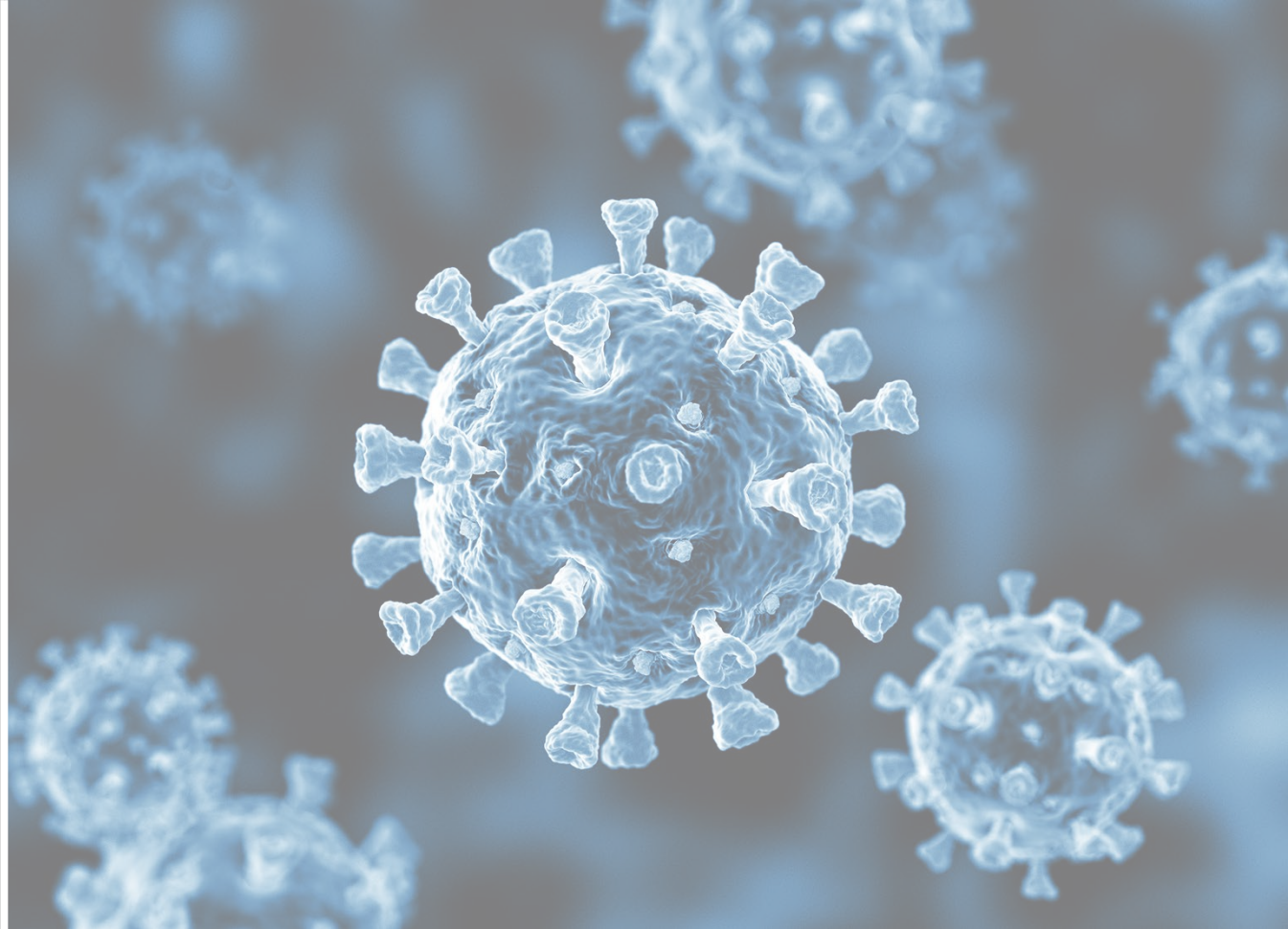
FIGURE. Weekly COVID-19-associated hospitalization rates* among children and adolescents aged 0–17 years, by age group — COVID-NET, 14 states,† July 3, 2021–January 22, 2022



“We all are going to face the virus, that’s just inevitable. The question is, do you want to face it vaccinated, or do you want to face it unvaccinated?”

-Dr. Kevin Sharrett

The Four Pillars: Therapeutics



- For people who can't get a COVID-19 vaccine for medical reasons.
- For people who may not respond well to a vaccine because they have a weakened immune system due to a medical condition or treatment.

**This monoclonal is preventative.*

**Injections must be administered before exposure to help prevent infection.*

**Requires a prescription from a licensed provider.*



COVID-19: Paxlovid

- Is an oral antiviral prescribed for those at high risk for developing severe COVID-19 (age 12+, at least 88 pounds).
- It must be taken with **5** days of the first COVID-19 symptoms, and the sooner, the better.
- In clinical trials prior to gaining emergency-use authorization, Paxlovid was shown to be nearly **90%** effective at preventing severe illness among those at high risk.



- For patients unable to receive Paxlovid, such as those with chronic kidney disease, **Bebtelovimab** is a monoclonal antibody treatment available as a secondary option.
- Late last month, another antiviral, **sotrovimab**, was **removed** from the list of authorized therapeutics in Ohio and several other states. This is because it has been shown to be ineffective against the BA.2 variant.



COVID-19: Ohio Therapeutics Dashboard

State of Ohio | COVID-19 Therapeutics Information For Providers

Last Updated: 03-31-22
Updated Thursdays

The Ohio Department of Health wants to ensure that all healthcare providers across Ohio are aware of the availability of COVID-19 treatment options, and to refer eligible patients to treatment locations as appropriate. Currently available treatments include Sotrovimab (Link #1), Paxlovid (Link #2), Molnupiravir (Link #3), and Evusheld (Link #4). These therapies require a prescription. **Ohioans seeking any of these treatments must first reach out to their healthcare provider to discuss appropriate treatment options and a treatment plan.**

This dashboard can be sorted by city, county, and is searchable by city, county. To filter for a specific therapeutic, use the "Therapeutics Offered" filter dropdown below.

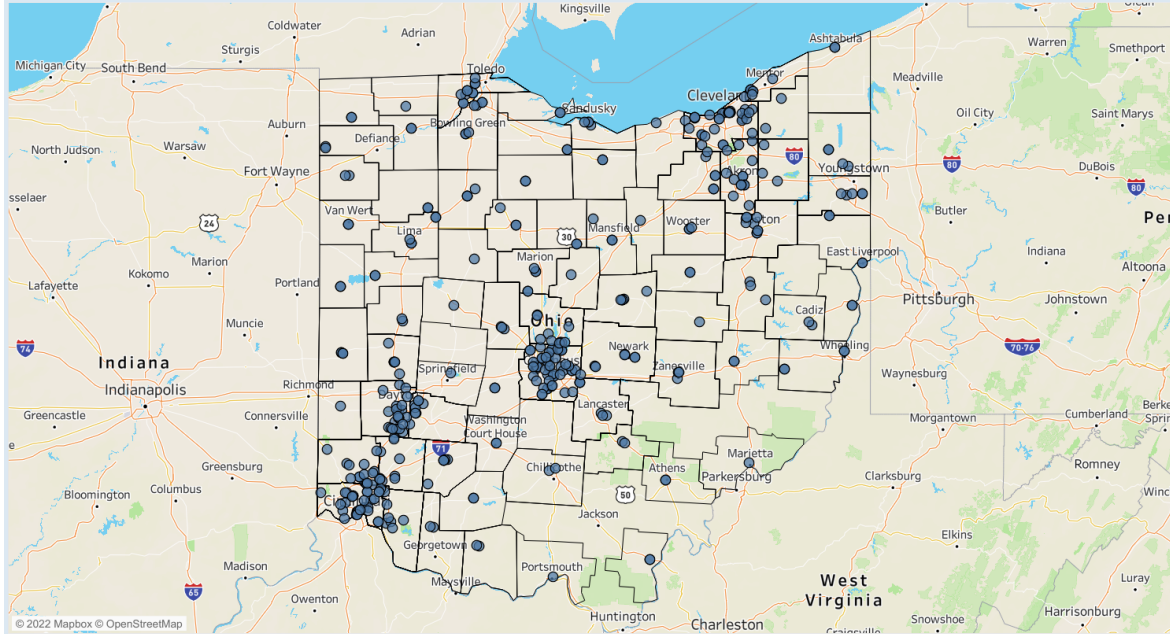
[Link #1: Sotrovimab Fact Sheet](#)

[Link #2: Paxlovid Fact Sheet](#)

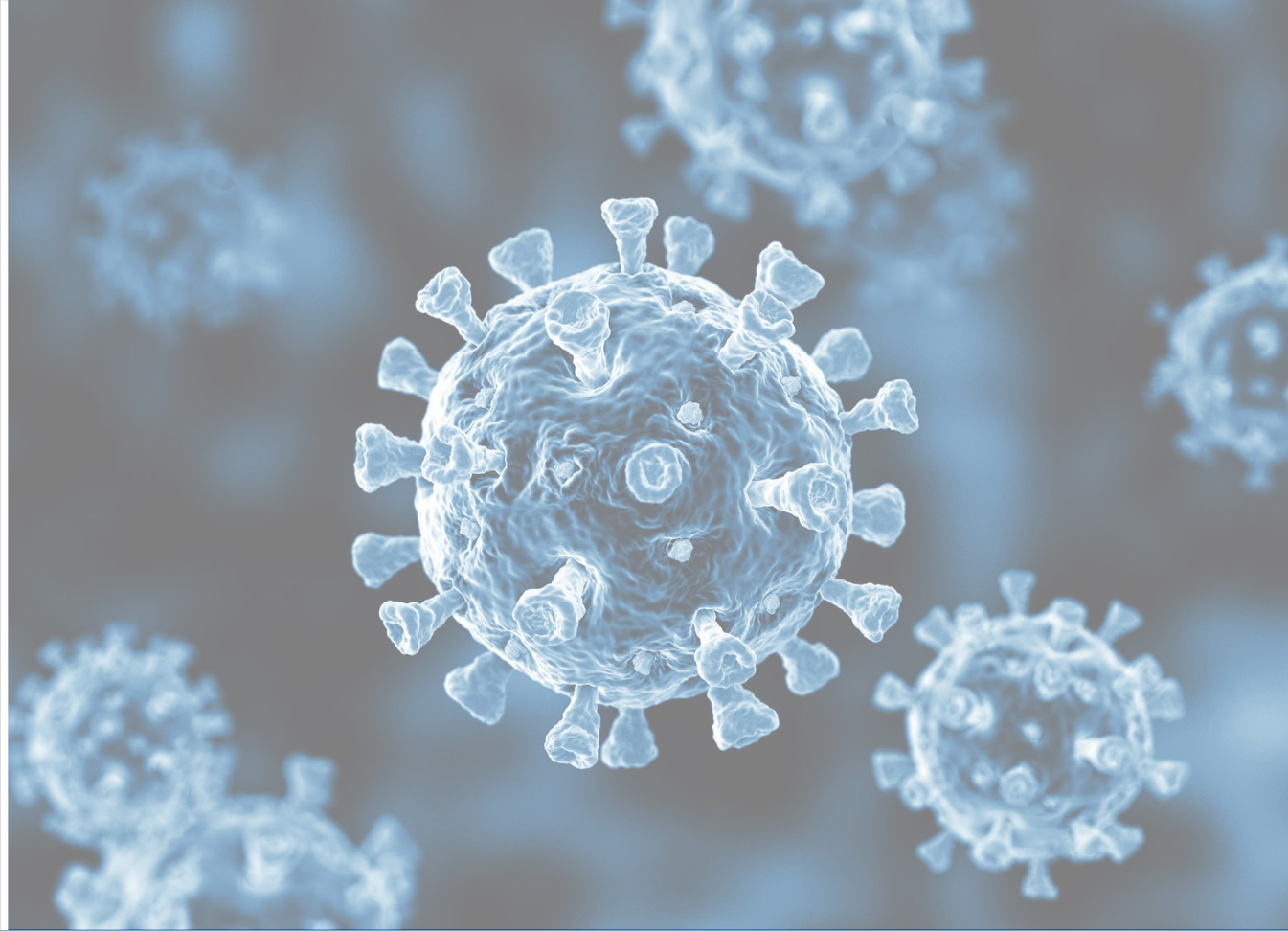
[Link #3: Molnupiravir Fact Sheet](#)

[Link #4: Evusheld Fact Sheet](#)

Provider Name	City	County	Therapeutics Offered	Total Provider Locations: 440
All	All	All	All	



Lessons Learned



1. The importance of improving our overall health, so we can more effectively fend off the COVID-19 virus if infected.
2. The pandemic has helped emphasize the importance of mental health.



4 in 10 U.S. adults

reported avoiding medical care because of concerns related to COVID-19*

Delaying or avoiding urgent or emergency care was more common among:



People with disabilities



People with two or more underlying conditions

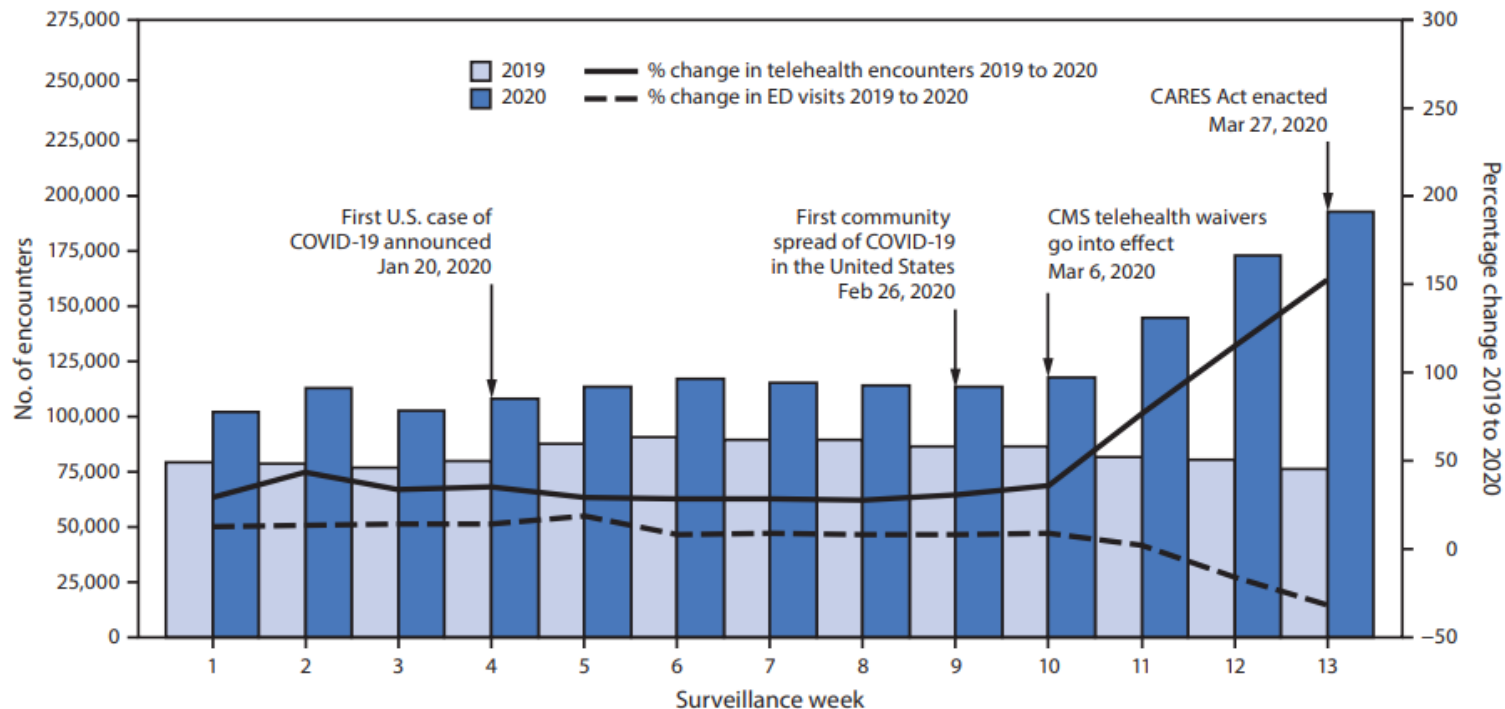
*Web-based survey of a representative sample of U.S. adults aged ≥ 18 years during June 24–30, 2020

Telehealth may help people get the care they need

Even during the COVID-19 pandemic, people who experience a medical emergency should seek care **without delay**

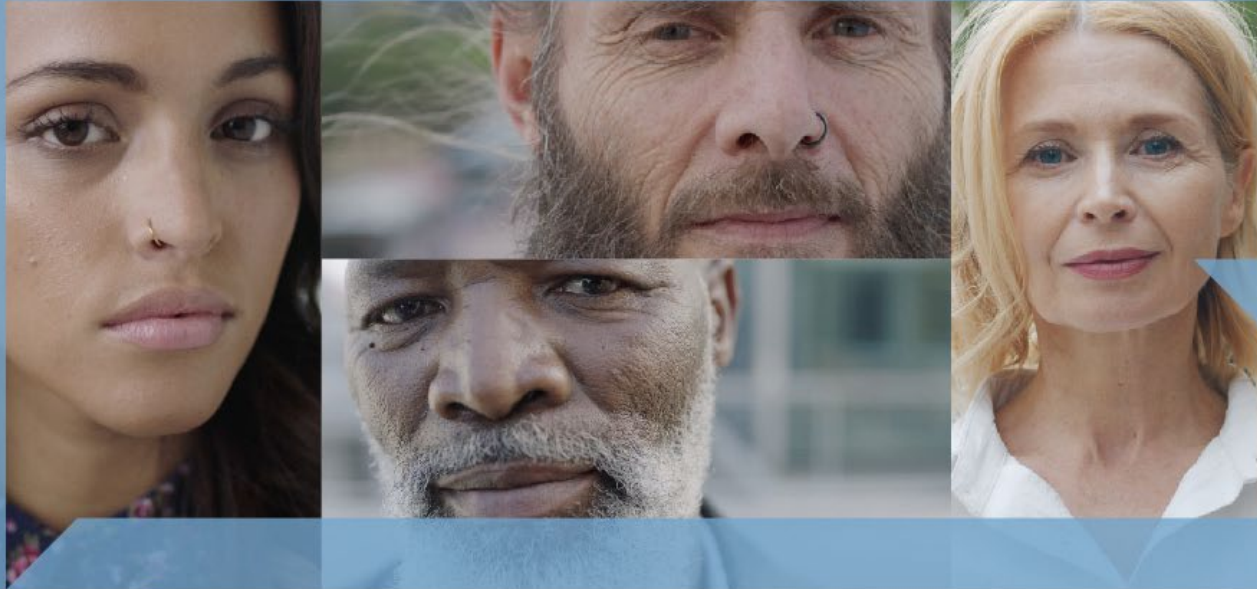
COVID-19: The Rise of Telehealth

FIGURE 1. Number of telehealth patient encounters reported by four telehealth providers that offer services in all states and percentage change in telehealth encounters and emergency department (ED) visits — United States, January 1–March 30, 2019 (comparison period) and January 1–March 28, 2020 (early pandemic period)*



Abbreviations: CARES Act = Coronavirus Aid, Relief, and Economic Security Act; CMS = Center for Medicare & Medicaid Services; COVID-19 = coronavirus disease 2019.
 * Unpublished ED visit data obtained from the National Syndromic Surveillance Program.

COVID-19: Mental Health



It's OK if you struggle with mental and emotional health.

And, it's OK to ask for help.

Ohio's CareLine is available 24/7 and is staffed with licensed behavioral health professionals.

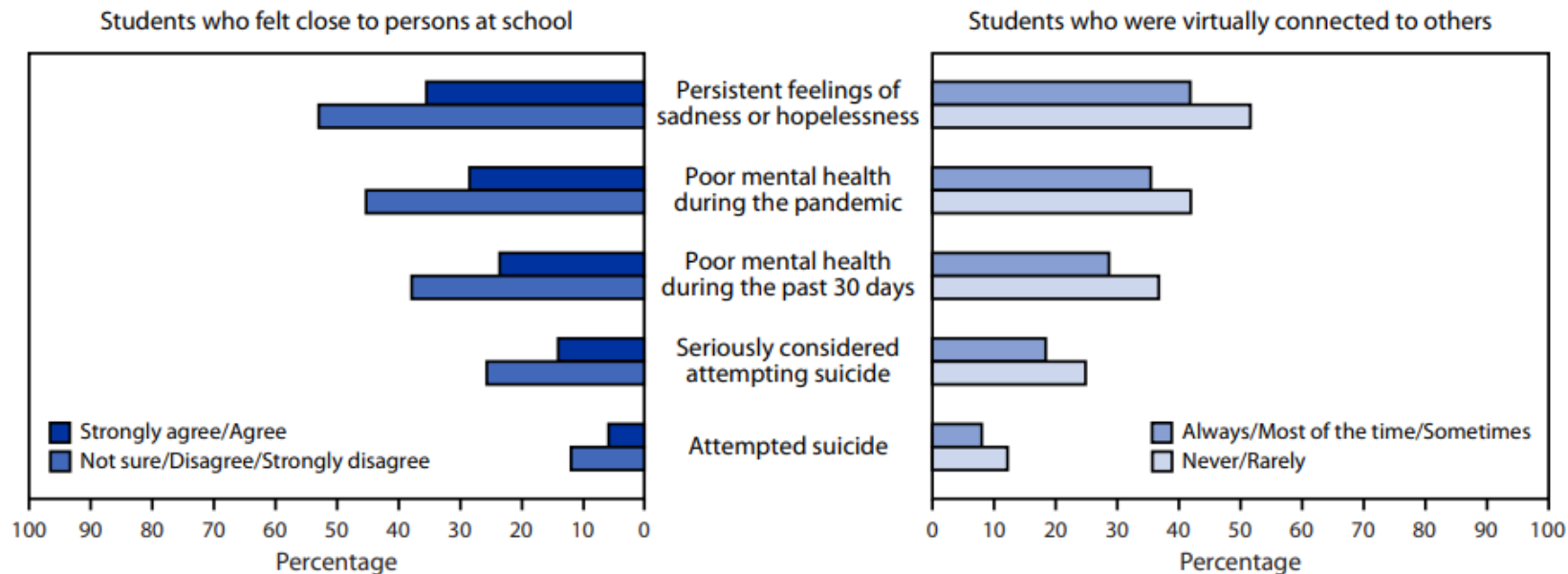
1-800-720-9616



Ohio | Department of Health

COVID-19: Mental Health of High-Schoolers

FIGURE. Persistent feelings of sadness or hopelessness, perceptions of mental health, and suicidal thoughts and attempts among high school students during the COVID-19 pandemic, by feeling close to persons at school* and being virtually connected† — Adolescent Behaviors and Experiences Survey, United States, January–June 2021



* All comparisons of having felt close versus not sure, disagree, or strongly disagree they felt close were significantly different, based on *t*-test analysis ($p < 0.05$).

† All comparisons of being connected versus never or rarely felt connected were significantly different, based on *t*-test analysis ($p < 0.05$).

State of the State: Mental Health



Ohio created OhioRISE to allow children with multiple medical and behavioral health challenges to get help in their own communities so that parents do not have to give up custody and families can stay together.



On-Site School Clinics

Ohio created a groundbreaking program to address the mental and physical health needs of children right in their own school buildings through on-site medical clinics; additional counselors and mental health services; prevention and after-school care; and more.

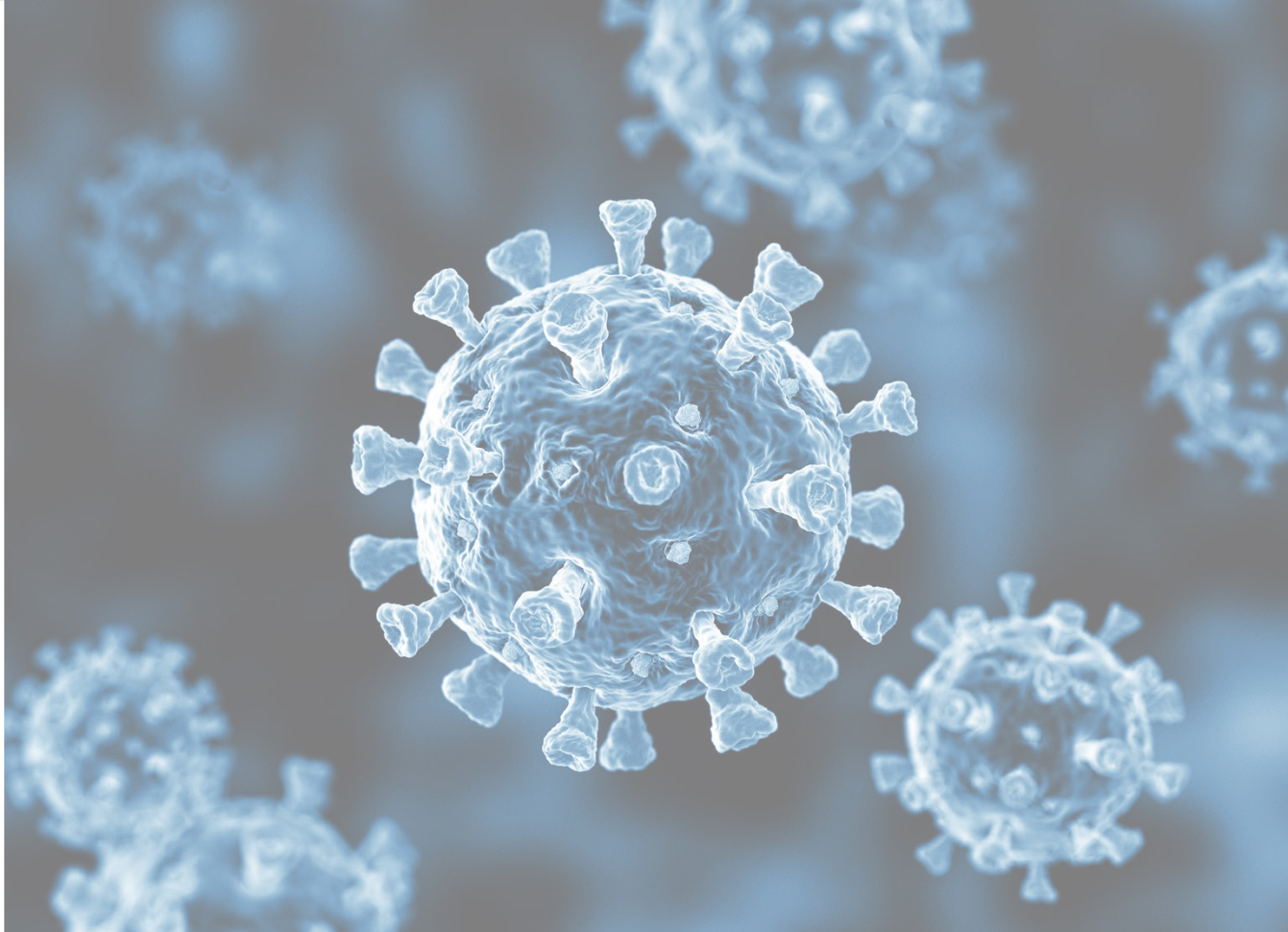


Addiction & Mental Health Treatment

Ohio invested to help struggling families get better access to addiction and mental health treatment, so their children don't end up in foster care. Ohio has also more than doubled medication-assisted drug treatment capacity across Ohio, and has dramatically increased crisis stabilization services.



Conclusion



COVID-19: The Four Pillars of Readiness

Surveillance

Testing

Vaccines

Therapeutics

COVID-19: Additional Preventive Measures



STAY HOME



PRACTICE
SOCIAL
DISTANCING



GET ADEQUATE SLEEP
AND EAT WELL-
BALANCED
MEALS



WASH HANDS OFTEN
WITH WATER AND SOAP
(20 SECONDS
OR LONGER)



DRY HANDS WITH
A CLEAN TOWEL
OR AIR DRY
YOUR HANDS



COVER YOUR MOUTH
WITH A TISSUE OR
SLEEVE WHEN
COUGHING OR SNEEZING



AVOID TOUCHING
YOUR EYES, NOSE,
OR MOUTH WITH
UNWASHED HANDS
OR AFTER
TOUCHING SURFACES



CLEAN AND DISINFECT
"HIGH-TOUCH"
SURFACES OFTEN



CALL BEFORE VISITING
YOUR DOCTOR



PRACTICE GOOD
HYGIENE HABITS

COVID-19: Thank You!



Questions & Answers

