



HEALTH
Department

COVID-19 Update

January 26, 2022



Executive Summary: COVID-19 Mass Testing and Containment Plan

MITIGATION ROADMAP



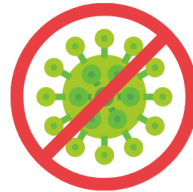
INCIDENT ACTION PLAN OBJECTIVES

1. Identify cases, isolate the sick, quarantine the exposed, and protect vulnerable populations

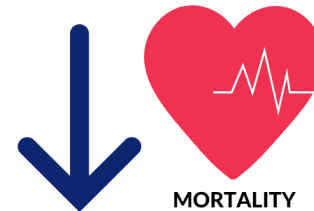
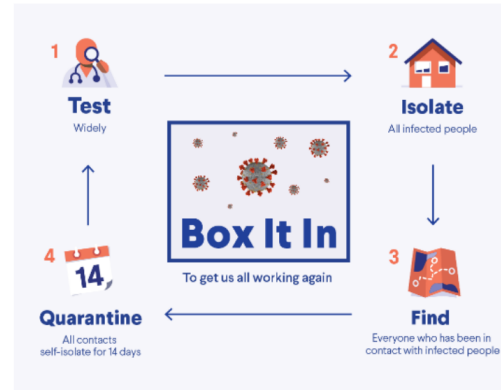
Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
2. Prepare, mitigate, and recover from widespread transmission in Allegan County

STATE & LOCAL ORDERS

Michigan Public Health Code



EPIDEMIOLOGICAL MODEL



Allegan County COVID-19 Dashboard

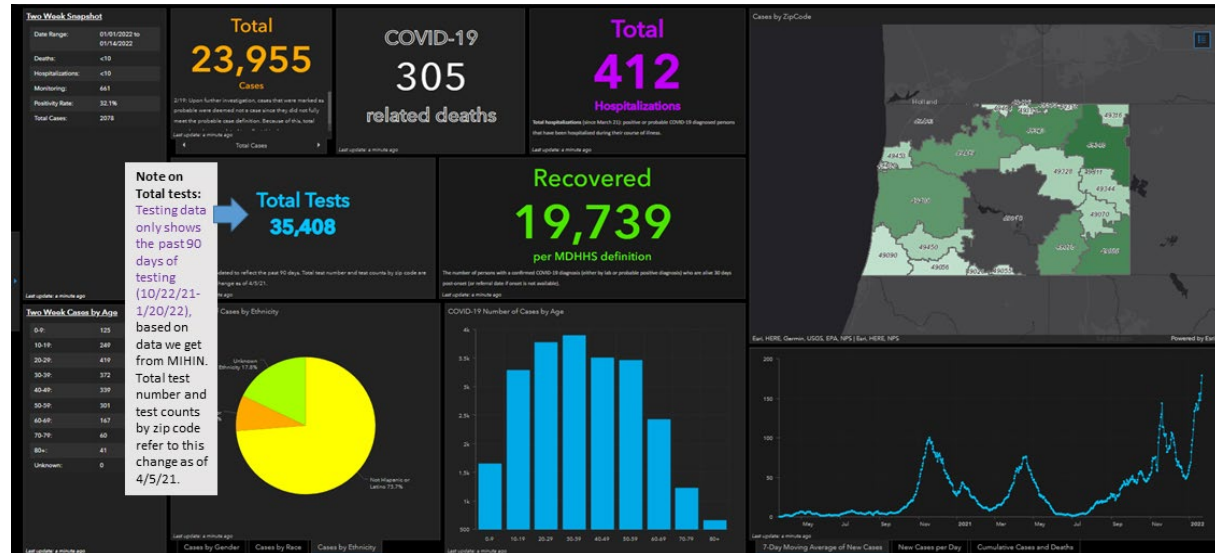
updated weekly on Fridays at 3pm.

NEW LINK:

<https://www.arcgis.com/apps/dashboard/b2c637afa8ba417683cc06ebc89e0232>

Allegan County's COVID-19 data is updated Mondays, Wednesdays, and Fridays on the MDHHS COVID-19 website. Find the state's dashboard for COVID-19 cases and trends by visiting

www.michigan.gov/coronavirus



Cases

DAILY NEW CASES

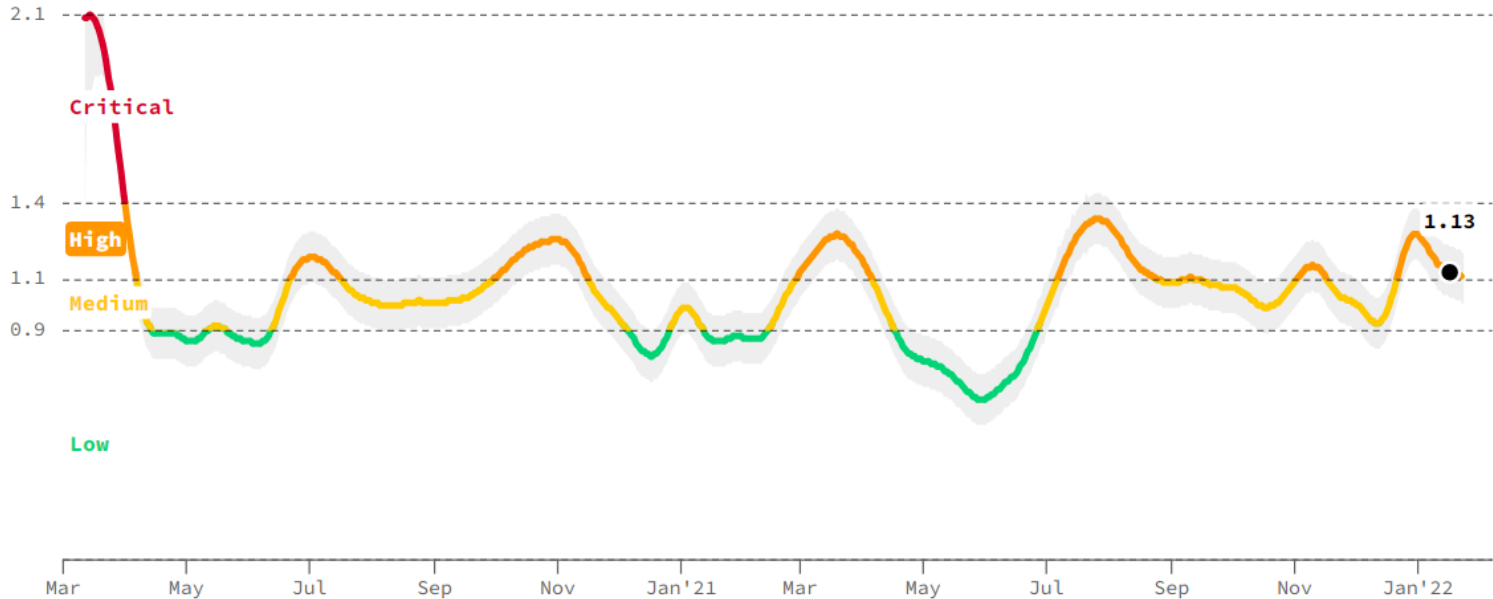
• **196.9** PER 100K

INFECTION RATE

• **1.13**

POSITIVE TEST RATE

• **31.2%**



On average, each person in Michigan with COVID is infecting 1.13 other people. As such, the total number of active cases in Michigan is growing. [About this data](#)

Share

Cases

DAILY NEW CASES

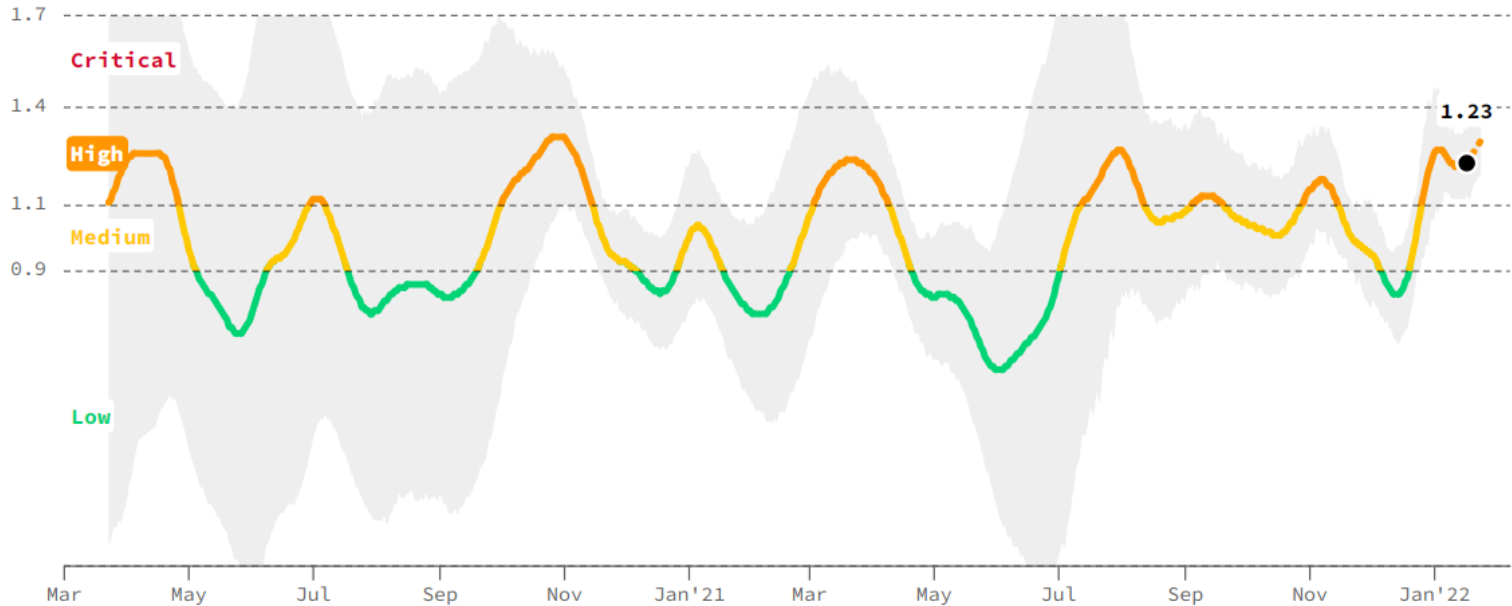
● **181.8** PER 100K

INFECTION RATE

● **1.23**

POSITIVE TEST RATE

● **35.2%**



On average, each person in Allegan County, Michigan with COVID is infecting 1.23 other people. As such, the total number of active cases in Allegan County, Michigan is growing. [About this data](#)

Share 

Updated 1/25/22, data from 1/25/22

Enhanced Ability to Test, <https://mistartmap.info/>

Allegheny County, data as of 1/23/2022



Test Positivity

Jan 17 - Jan 23

35.3%

positive tests



4.5k

daily tests
administered
per million

↗ 5 weeks ⓘ

Dec 17 - Jan 21



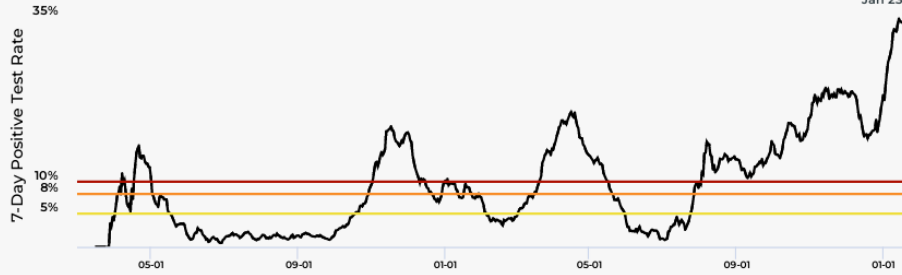
7-Day Positive Test Rate

ALLEGHENY COUNTY

Zoom 1m 3m 6m All



Jan 23



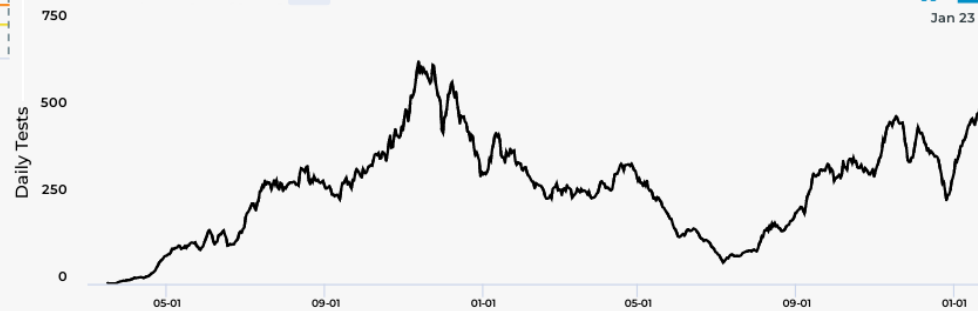
Daily Tests

ALLEGHENY COUNTY

Zoom 1m 3m 6m All



Jan 23



Risk Thresholds (% Positive)



Low: <5%



Moderate 5-<8%



Substantial 8-<10%



High >=10%

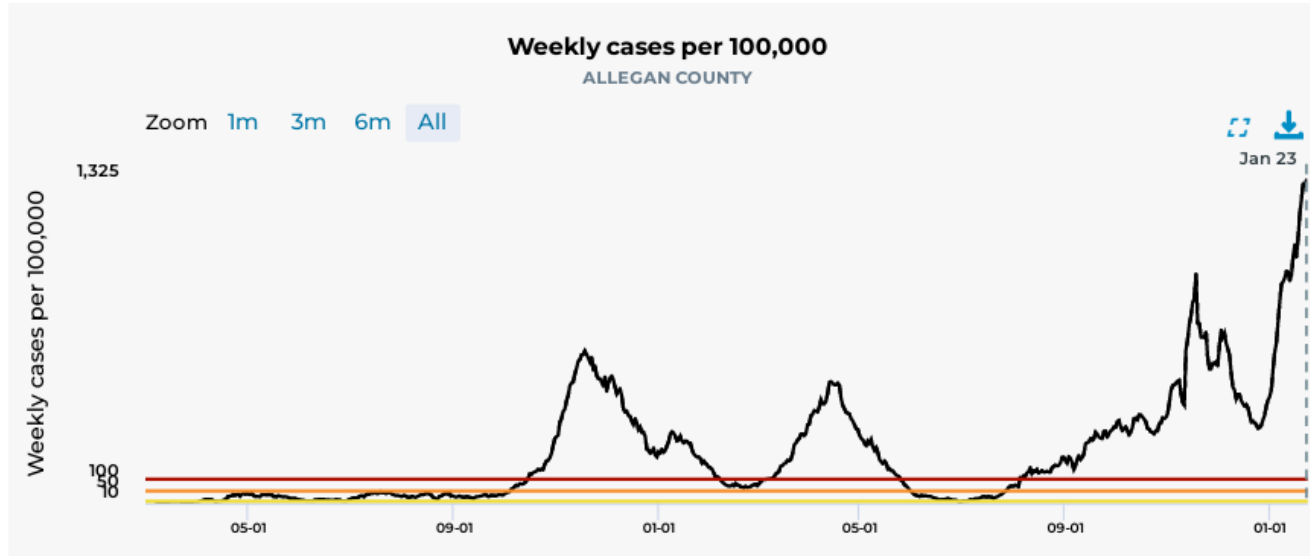
New Cases,

<https://mistartmap.info/> Allegran County, data as of 1/23/2022

✓ **New Cases**
Jan 17 - Jan 23

1,324.5
weekly cases per
100,000 population

1,564
weekly cases



Risk Thresholds (Cases per 100,000)



Low: <10



Moderate 10-49



Substantial 50-99



High >=100

Comparison with Neighboring Counties, <https://mistartmap.info/>

Allegan County, data as of 1/23/2022

Compare Geographic Areas

AREA	CDC REGION TRANSMISSION (JAN 17 - JAN 23)	CDC COUNTY TRANSMISSION (JAN 23)	WEEKLY CASES PER 100,000 POPULATION (JAN 10 - JAN 16)	% POSITIVE TESTS (JAN 17 - JAN 23)
Allegan	High	High	1,058.6	35.3%
Barry	High	High	1,064.2	38.7%
Kalamazoo	High	High	1,423	29.7%
Kent	High	High	1,373.9	36.6%
Ottawa	High	High	1,317.2	35.7%
Van Buren	High	High	1,058.4	36.6%

Epidemiologic Information, All Ages Allegan County

Overall	Percent
Healthcare Worker	5.6%
Live or work in high-risk/congregate facility	7.3%
First Responder	0.7%
Other Essential Worker/Critical Infrastructure	13.5%
Healthcare Contact to confirmed case	0.5%
Community Contact to confirmed case	7.5%
Household Contact to confirmed case	15.9%
Total Cases: 23,955	

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	0.9%
Associated with known cluster/outbreak	1.5%
Any Contact to confirmed case	10.6%
Healthcare contact to confirmed case	0.6%
Community contact to confirmed case	3.3%
Household contact to confirmed case	7.2%
Attended Community Event/Mass Gathering	0.8%
Any Travel (international, domestic, in state)	1.9%
Source of Infection is unknown	17.5%
Number of cases reported in past 2 weeks: 2,632	

With the current surge, high-risk settings (school age, congregate settings, long term care facilities, etc.) are prioritized for case investigation, so not every case aged 19-64 will not be fully investigated and case data cannot contribute to percentages above.

Epidemiologic Information, Symptoms, All Ages Alleghen County

Symptoms	Percent
Fatigue/Lethargy/ Weakness	72.2%
Cough	73.5%
Fever	56.3%
Chills	48.8%
Shortness of breath	25.3%
Muscle aches	59.8%
Headaches	70.1%
Runny Nose	57.5%
Nausea	27.0%
Congestion	66.2%
Sore throat	49.3%
Diarrhea	28.1%
Loss of Taste	45.0%
Loss of Smell	45.4%

Asymptomatic Cases: 10.9%

Total Cases: 23,955

Data from 3/1/2020 - 1/21/2022. Source:
Michigan Disease Surveillance System

Allegheny County Case Trends Elementary School Ages 5 to 10

March 2020 through January 21, 2022

As of March 2020,
 42.0% were household contact to a confirmed case
 18.5% were asymptomatic cases (no symptoms but tested positive for COVID-19)

CASES REPORTED IN PAST TWO WEEKS: Data from 1/8/2022 to 1/21/2022

For this section to auto-calculate,

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01/21/22

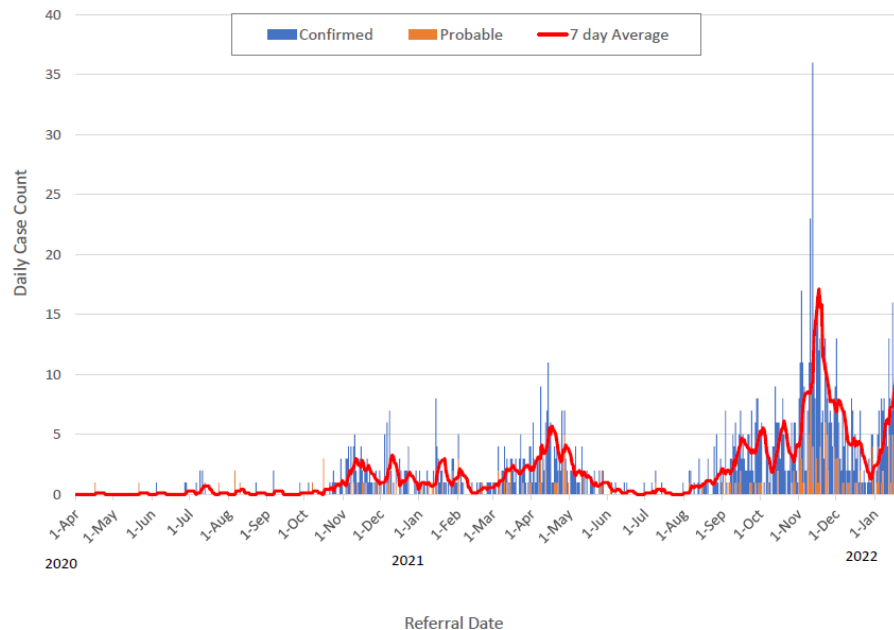
mm/dd/yy

Number of Cases reported in past two weeks	Count	% **
In quarantine at time of onset/positive test	3	1.8%
Associated with known cluster/outbreak	1	0.6%
Any contact (HC, Comm, HH) to confirmed case	41	24.6%
Healthcare Contact to confirmed case	1	0.6%
Community Contact to confirmed case	13	7.8%
Household Contact to confirmed case	31	18.6%
Attended Community Event/Mass Gathering	2	1.2%
Any Travel (international, domestic, in state)	3	1.8%
Source of infection is unknown	41	24.6%

** Denominator is the number of cases reported in past two weeks

Total Cases : 1,306

COVID-19 Cases in Ages 5 to 10 by Referral Date



Allegan County Case Trends Middle School Ages 11 to13

March 2020 through January 21, 2022

As of March 2020,
 36.2% were household contact to a confirmed case
 13.4% were asymptomatic cases (no symptoms but tested positive for COVID-19)

CASES REPORTED IN PAST TWO WEEKS: Data from 1/8/2022 to 1/21/2022

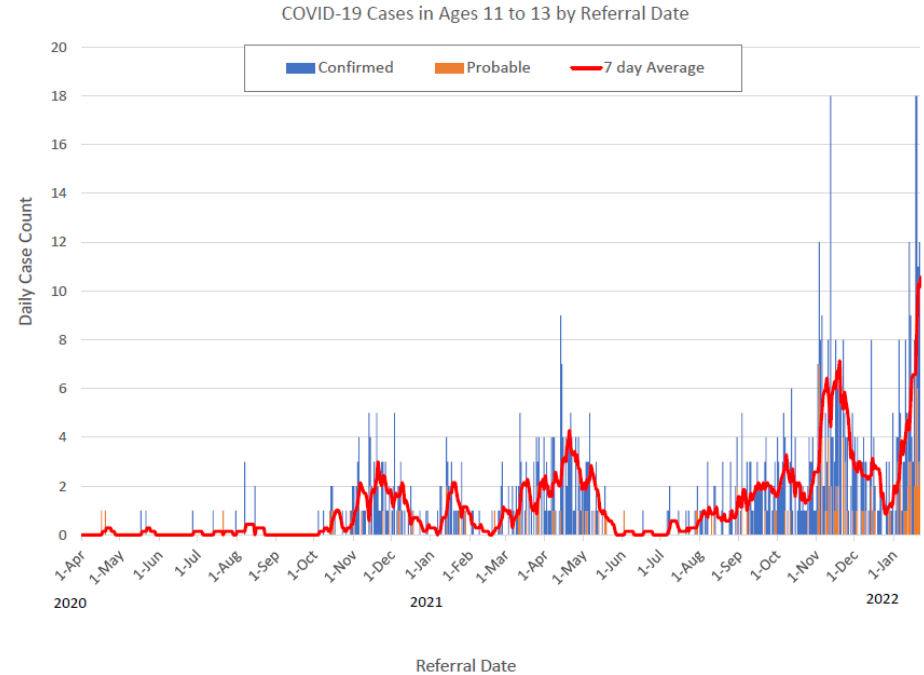
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Number of Cases reported in past two weeks	Count	% **
In quarantine at time of onset/positive test	0	0.0%
Associated with known cluster/outbreak	2	1.6%
Any contact (HC, Comm, HH) to confirmed case	17	13.9%
Healthcare Contact to confirmed case	0	0.0%
Community Contact to confirmed case	6	4.9%
Household Contact to confirmed case	11	9.0%
Attended Community Event/Mass Gathering	2	1.6%
Any Travel (international, domestic, in state)	2	1.6%
Source of infection is unknown	28	23.0%

** Denominator is the number of cases reported in past two weeks

Total Cases : 829



Source: Michigan Disease Surveillance System

Allegan County Case Trends High School Ages 14 to 17

March 2020 through January 21, 2022

As of March 2020,
24.6% were household contact to a confirmed case
11.9% were asymptomatic cases (no symptoms but tested positive for COVID-19)

CASES REPORTED IN PAST TWO WEEKS: Data from 1/8/2022 to 1/21/2022

For this section to auto-calculate,

enter the date you exported the data here ----->

01/21/22

mm/dd/yy

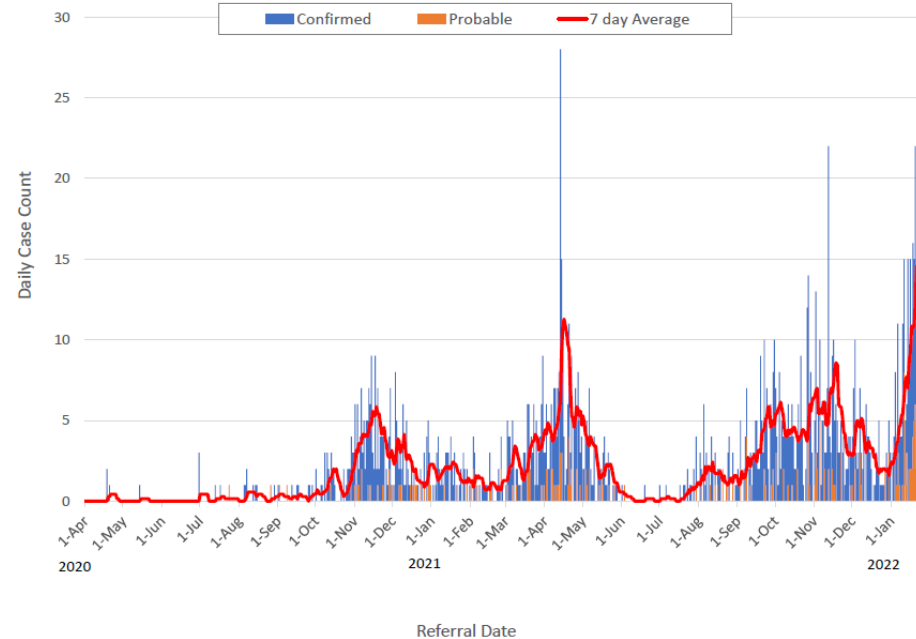
Number of Cases reported in past two weeks **164**

	<u>Count</u>	<u>% **</u>
In quarantine at time of onset/positive test	1	0.6%
Associated with known cluster/outbreak	0	0.0%
Any contact (HC, Comm, HH) to confirmed case	25	15.2%
Healthcare Contact to confirmed case	0	0.0%
Community Contact to confirmed case	11	6.7%
Household Contact to confirmed case	16	9.8%
Attended Community Event/Mass Gathering	1	0.6%
Any Travel (international, domestic, in state)	3	1.8%
Source of infection is unknown	40	24.4%

** Denominator is the number of cases reported in past two weeks

Total Cases: 1,457

COVID-19 Cases in Ages 14 to 17 by Referral Date



**Alleghan County Breakdown of Total COVID-19 Cases
By School Age (3-17)
From March 1, 2020 to January 21, 2022**

Breakdown of Cases by School Age Categories

Total Case Count	3856
Number of Cases <18 years	3856
% cases <18 years	100.0%

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	0	0.0%	0.0%
Pre-K age	3-4 years	264	6.8%	6.8%
K-5th grade age	5-10 years	1306	33.9%	33.9%
6-8th grade age	11-13 years	829	21.5%	21.5%
9-12th grade age	14-17 years	1457	37.8%	37.8%

**Case counts are based on case ages, which have been grouped into approximate grade levels.
These counts may not reflect the actual grade level of cases.
To prevent double-counting of cases, the age brackets do not overlap.*

**Alleghan County Breakdown of COVID-19 Cases
By School Age (3-17)
Past 2 Weeks , As of January 21, 2022**

Breakdown of Cases by School Age Categories

Total Case Count	492
Number of Cases <18 years	492
% cases <18 years	100.0%

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	0	0.0%	0.0%
Pre-K age	3-4 years	39	7.9%	7.9%
K-5th grade age	5-10 years	167	33.9%	33.9%
6-8th grade age	11-13 years	122	24.8%	24.8%
9-12th grade age	14-17 years	164	33.3%	33.3%

**Case counts are based on case ages, which have been grouped into approximate grade levels.
These counts may not reflect the actual grade level of cases.
To prevent double-counting of cases, the age brackets do not overlap.*

Household Contacts to a Confirmed Case (1/8/21-1/21/22):

5-10 years: 18.6%
11-13 years: 9.0%
14-17 years: 9.8%

Vital Infrastructure: K-12 school clusters and outbreaks, week ending Jan 13

Number of reported outbreaks/clusters increased since last week (211 to 242), with increases in Pre K-Elementary (114 to 122), and High Schools (64 to 73), Middle/Jr High (33 to 46), and Administration (0 to 1).

Region	Number of reported cases, #	# Ongoing - Excluding New	# New	Number of outbreaks	Range of cases per outbreak
Region 1	359	320		48	3-82
Region 2n	330	11		20	3-57
Region 2s	104	61		27	3-13
Region 3		3,270	54	105	3-121
Region 5	40	22		10	3-14
Region 6	24	30		14	3-9
Region 7	163	3		5	3-64
Region 8	180	20		13	4-52
Total		4,470	521	242	3-121

Grade level	Number of reported cases, #	# Ongoing - Excluding New	# New	Number of outbreaks	Range of cases per outbreak
Pre-school - elem.	1,470	206		122	3-62
Jr. high/middle school	931	155		46	3-82
High school	2,069	153		73	3-121
Administrative	0	7		1	7
Total		4,470	521	242	3-121

Many factors, including the lack of ability to conduct effective contact tracing in certain settings, may result in significant underreporting of outbreaks. This chart does not provide a complete picture of outbreaks in Michigan and the absence of identified outbreaks in a particular setting in no way provides evidence that, in fact, that setting is not having outbreaks. Week of 12/16 98% LHDs reporting due to technical difficulties.

NOTE (10/4): MDHHS adopted the new [CSTE school cluster and outbreak definition](#), which impacts how transmissions within school-sponsored settings are reported to the health department

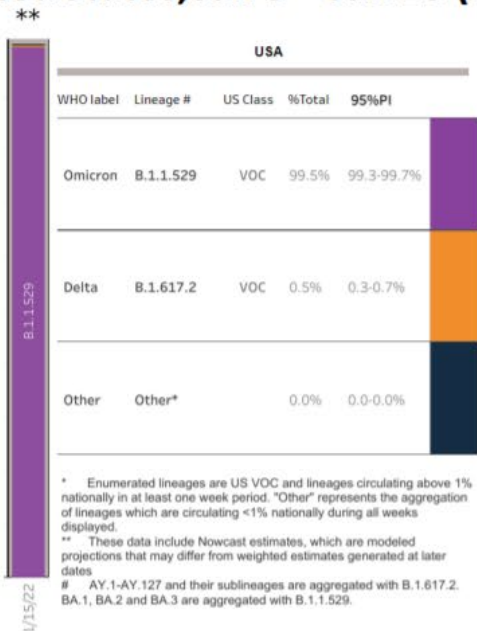
Source: LHD Weekly Sitreps

As of 1/6/22, ACHD has identified **4 ongoing** outbreaks and **3 new** outbreak/cluster.

- 1 Child Care/ Youth Program
- 1 Business setting
- 3 Long term care facilities (LTCF)
- 1 Jail/Prison/ Detention Center
- 1 K-12 School

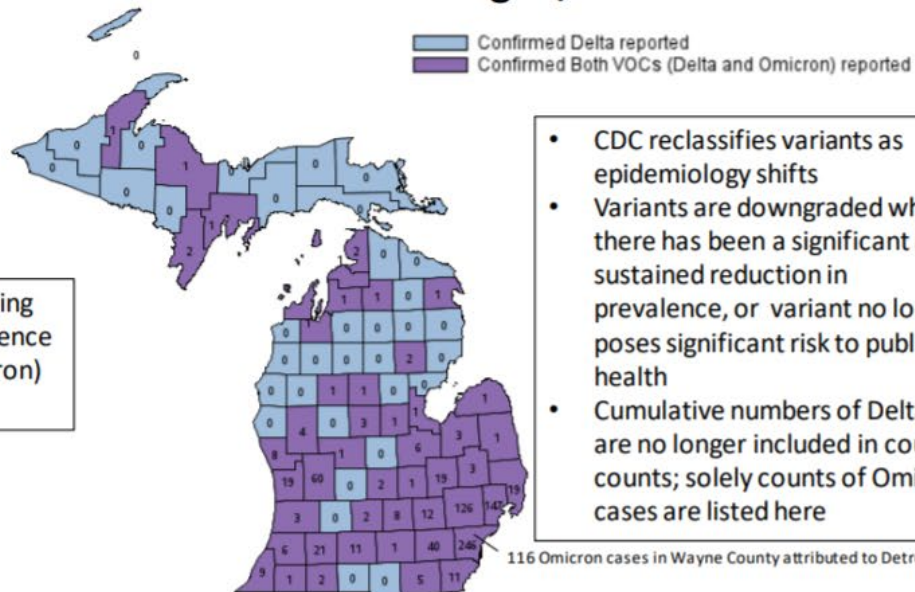
Identified COVID-19 Cases Caused by Variants of Concern (VOC) in US and Michigan

SARS-CoV-2 Variants Circulating in the United States, Jan 9 – Jan 15 (NOWCAST)



Currently, CDC is reporting rapid increase in prevalence of B.1.1.529 (i.e., Omicron) over past 7 weeks

Variants of Concern in Michigan, Jan 14



- CDC reclassifies variants as epidemiology shifts
- Variants are downgraded when there has been a significant and sustained reduction in prevalence, or variant no longer poses significant risk to public health
- Cumulative numbers of Delta are no longer included in county counts; solely counts of Omicron cases are listed here

Variant	MI Reported Cases	# of Counties	MDHHS VOC Sequenced Prev. %
B.1.617.2 (delta)	30,626	83	11.5%
B.1.1.529 (omicron)	840	48	88.5%

Data last updated Jan 18, 2022

Source: MDSS

* Sequence specimens are from the most recent week by onset date which may change as more specimens are sent in

Note: not every positive case is serosequenced for a variant.

Study - Third Dose of COVID-19 Vaccine Highly Effective at Preventing Hospitalization and Urgent Care Visits During Periods of Delta and Omicron Variant — 10 States, (August 2021–January 2022)

- This study found that even though protection against COVID-19 waned over time after a second dose of mRNA vaccine, receiving a third dose (either an additional dose for immunocompromised people or a booster dose for immunocompetent people), was **highly effective** at preventing COVID-19 associated ER and urgent care visits during periods where Delta and Omicron variants were predominant, (94% during Delta and 82% during Omicron circulation) and highly effective at preventing COVID-19-associated hospitalizations (94% and 90%, respectively).
- These findings show the importance of receiving a third dose of an mRNA vaccine, especially while Omicron is the most common circulating variant and when the effectiveness of two doses of an mRNA vaccine has waned. Everyone 5 years and older should be [up to date with recommended COVID-19 vaccination](#), including getting a booster when eligible.





To read the full MMWR, [click here](#).

Some masks and respirators offer higher levels of protection than others

Masks and respirators are effective at reducing transmission of SARS-CoV-2, the virus that causes COVID-19, when worn consistently and correctly

- Masking is a critical public health tool for preventing spread of COVID-19, and it is important to remember that any mask is better than no mask
- Some masks and respirators offer higher levels of protection than others, and some may be harder to tolerate or wear consistently than others. It is most important to wear a well-fitted mask or respirator correctly that is comfortable for you and that provides good protection
- While all masks and respirators provide some level of protection, properly fitted respirators provide the highest level of protection. Wearing a highly protective mask or respirator may be most important for certain higher risk situations, or by some people at increased risk for severe disease

**Wear a mask
with the best
fit, protection,
and comfort
for you.**

 N95 Respirator NIOSH-approved	 KN95 Respirator	 Disposable Mask Sometimes referred to as "surgical masks" or "medical procedure masks"	 Cloth Mask Non-medical, made of fabric
When worn correctly, respirators offer the highest level of protection and filter 95% of particles.	Filtration varies depending on standard. When worn correctly, KN95s provide more protection than disposable masks.	Disposable masks offer more protection than cloth masks.	Layered finely woven cloth masks offer more protection. Loosely woven cloth masks provide the least protection.



Masks and respirators should not be worn by children younger than 2 years old.

[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)

FREE!

ADULT KN95 MASK PICK-UP!

(STARTING JANUARY 25, 2022)



PICK-UP LOCATED AT:
ALLEGAN COUNTY HUMAN SERVICES BUILDING
3255 122ND AVE., ALLEGAN 49010

CURBSIDE PICK-UP TIMES:

**Mondays, Tuesdays, &
Wednesdays:**

2 PM - 5 PM

Thursdays & Fridays:

9 AM - 12 PM



Signs will be posted in the parking lot for pick-up directions



Please stay in your car during pick-up



Masks given on a first come/first serve basis, while supplies last

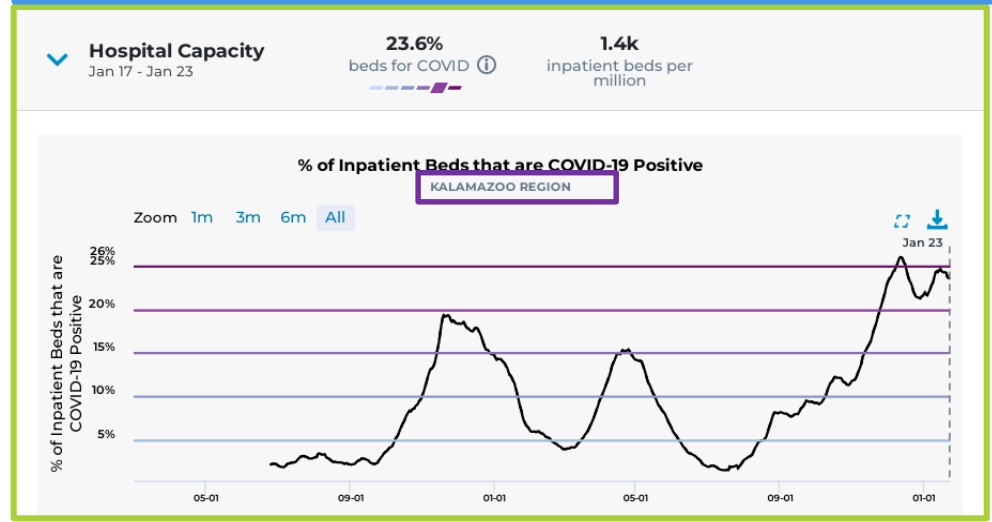
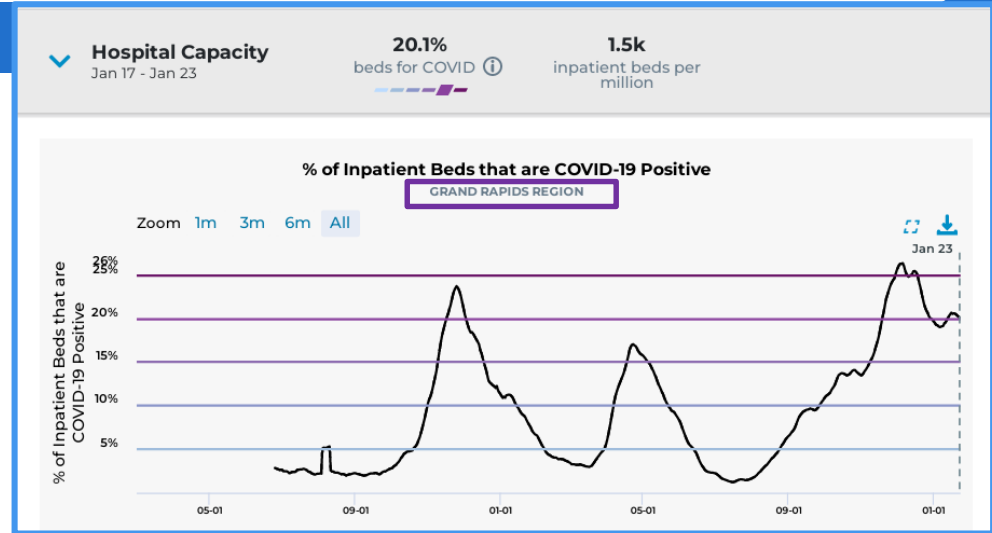


HEALTH
Department

- ▶ Free adult KN95 masks available for community members to pick-up curbside Monday-Wednesday 2pm-5pm and Thursday/Friday 9am-12pm
- ▶ Community organizations willing to help redistribute masks to those they serve, please [complete this form](#) and you can pick up masks the next business day after the request.

As of 1/25/22 (launch): **5,405 were redistributed to organizations/ picked up at our Curbside pickup.**

- ▶ Many Allegan County residents access hospital services in the Grand Rapids and Kalamazoo Regions.
- ▶ Grand Rapids Region (Region 6)
 - ▶ 20.1% of inpatient beds are treating COVID-19 patients
- ▶ Kalamazoo Region (Region 5)
 - ▶ 23.6% of inpatient beds are treating COVID-19 patients



Data as of 1/23/22

20 Source: <https://mistartmap.info>

Sufficient Health Care Capacity

Region 5: Allegan/Kalamazoo Hospital Systems

Region 6: Grand Rapids/Ottawa Hospital Systems

Statewide Hospital Capacity Report COVID-19 1/24/2022*

Region	All Hospital Beds	All Adult Hospital Beds	All Hospital Inpatient Beds	All Hospital Inpatient Bed Occupancy	Adult Hospital Inpatient Beds	Adult Hosp Inpatient Bed Occupancy	ICU Beds	ICU Bed Occupancy	Adult ICU Beds	Adult ICU Bed Occupancy
Region 5	1790	1724	1397	1083	1370	1066	188	123	181	118
Region 6	3333	2794	2812	2296	2466	2000	422	372	269	234

Region 5: 77.5% of inpatient beds are occupied
Region 6: 81.6% of inpatient beds are occupied

COVID-19 Metrics 1/24/2022

HCC Region	Total Adult Suspected/Confirmed	Adult Confirmed-Positive COVID	Hospitalized Peds Confirmed/Suspected	Hospitalized Ped Confirmed-Positive	Hospitalized and Ventilated COVID	Adult ICU Confirmed/Suspected COVID	ICU Adult Confirmed-Positive COVID	Prev Day COVID Related ED Visits
Region 5	324 ↓	300 ↓	4 ↑	4 ↑	12 ↓	43 ↓	43 ↓	219 ↓
Region 6	497 ↓	490 ↓	33 ↑	30 ↑	83 ↓	106 ↓	104 ↓	225 ↓

Note: Arrows indicate %change from previous ACHD update

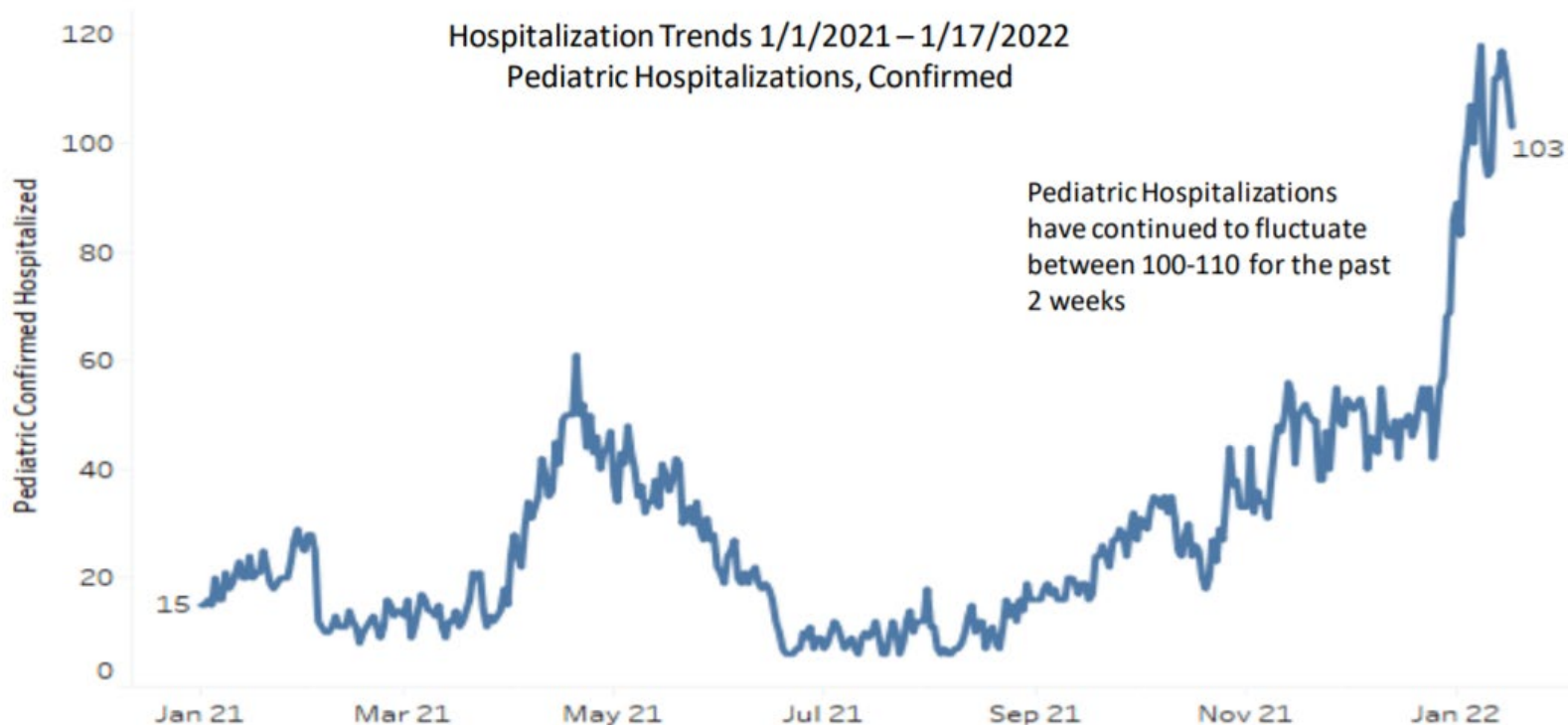
Hospitals in our Area, Patient Census

Hospital	COVID-19 Patients	COVID-19 Patients in ICU	Bed Occupancy %
Ascension Borgess Allegan Hospital	2	0	44%
Ascension Borgess Hospital	48	7	72%
Ascension Borgess-Pipp Hospital	0	0	59%
Bronson Methodist Hospital	92	5	86%
Bronson South Haven	1	0	63%
Holland Community Hospital	14	1	90%
Mercy Health Mercy Campus	69	18	76%
Mercy Health St. Mary's Main Campus	47	6	85%
Metro Health Hospital	50	8	94%
Spectrum Health - Blodgett Hospital	100	18	98%
Spectrum Health - Butterworth Hospital	136	33	90%
Spectrum Health - Zeeland Hospital	10	3	48%
Spectrum Helen DeVos Children's Hospital	32	0	86%

Data as of 1/24/2022

Some smaller hospitals might not have ICU beds for COVID or non-COVID patients

Statewide Hospitalization Trends: Pediatric COVID+ Census

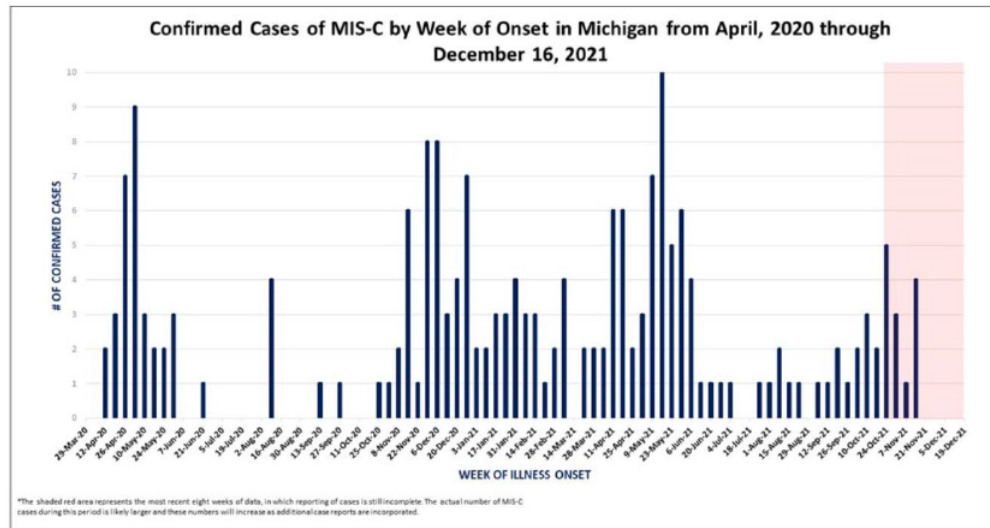


From 9/1/21 – 1/26/21, there have been 10 pediatric Allegan County residents hospitalized related to COVID-19

Multisystem Inflammatory Syndrome in Children (MIS-C)

Michigan Surveillance

- Higher community transmissions is followed by higher incidence of MIS-C cases
- 196 cases identified in Michigan
- More than 60% of those children are elementary and pre-school aged
- Black/African American children are disproportionately impacted
- 70.4% children with MIS-C are treated in the ICU



Red shading indicates the expected reporting lag for new cases. Cases with onset dates in this time period may not have been detected or reported yet.

As of 1/24/22, there has been 1 reported MIS-C case in Allegan County

DEMOGRAPHIC INFORMATION (N=196)

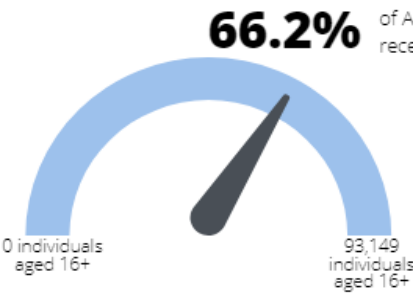
Age Group	Count	%	Race	Count	%
0-4 yrs	50	25.5%	Black/African American	78	39.8%
5-10 yrs	79	40.3%	Caucasian	83	42.3%
>10 yrs	67	34.2%	All Others / Unknown	35	17.9%
Gender	Counts	%	Ethnicity	Count	%
Male	117	59.7%	Not Hispanic or Latino	142	72.4%
Female	79	40.3%	Hispanic or Latino	16	8.2%
Unknown	0	0.0%	Unknown	38	19.4%

Contact Tracing and Case Investigations

- ▶ Most cases and close contacts are not being reached by public health
- ▶ It is important to ensure that the public is taking a larger role in understanding what to do if feeling ill, testing positive (isolation and contact notification), or being notified as a contact (quarantine)
- ▶ Public Health capacity shifts to investigation and mitigation of COVID-19 outbreaks in priority settings like schools, congregate settings, and long term care facilities
- ▶ People can self report and indicate in that form if they need a letter to return to school/work ([ACHD Website](#))

Allegan County VACCINE DATA

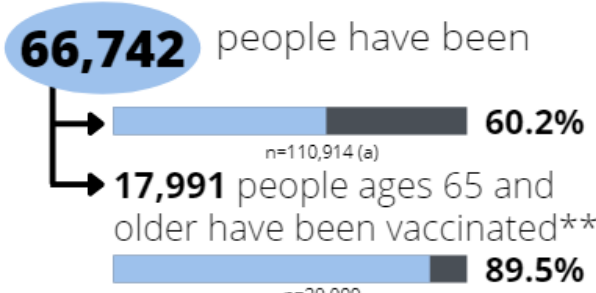
Updated 1/24/22
Data as of 1/23/22

Comparison to surrounding counties:

- Barry County
- Kalamazoo County
- Kent County
- Ottawa County
- Van Buren County

As of January 23, vaccinated**



**Individuals given at least 1 dose of vaccine. On 11/9, we began including the population 5 years and older.
(a) MI Population estimates for Allegan County from Vital Records



Over 1 in 2 individuals are fully vaccinated (55.2%).

Over 4 in 5 individuals aged 65 and older are fully vaccinated (82.8%).

Fully Vaccinated: Individuals (5 years and older) receiving 2 doses of Pfizer or Moderna or 1 dose of J&J.

Total Doses Distributed*

131,410

Primary Series Doses Administered*

121,616

Additional/Booster Doses Administered*

31,091

*includes Moderna, J&J, Pfizer, and Pediatric Pfizer Vaccines

*based on person's residence.

PLANNED CLINICS

ACHD has vaccine clinics available by appointment only at the health department. To schedule an appointment, visit www.allegancounty.org/covid

Note: Our goal of vaccinating 70% of the population accounted for the 16 and older population. With increasing the eligibility population, our vaccine coverage decreased. We are continuing to strive towards our goal of vaccinating 70% of residents 16 and older, which will reflect on the gauge at the top of this graphic.
6/1/2021 Update: Previous vaccine graphics included 96,451 as the population of Allegan County residents 12 years and older. After further review, 99,878 is a more accurate population estimation.

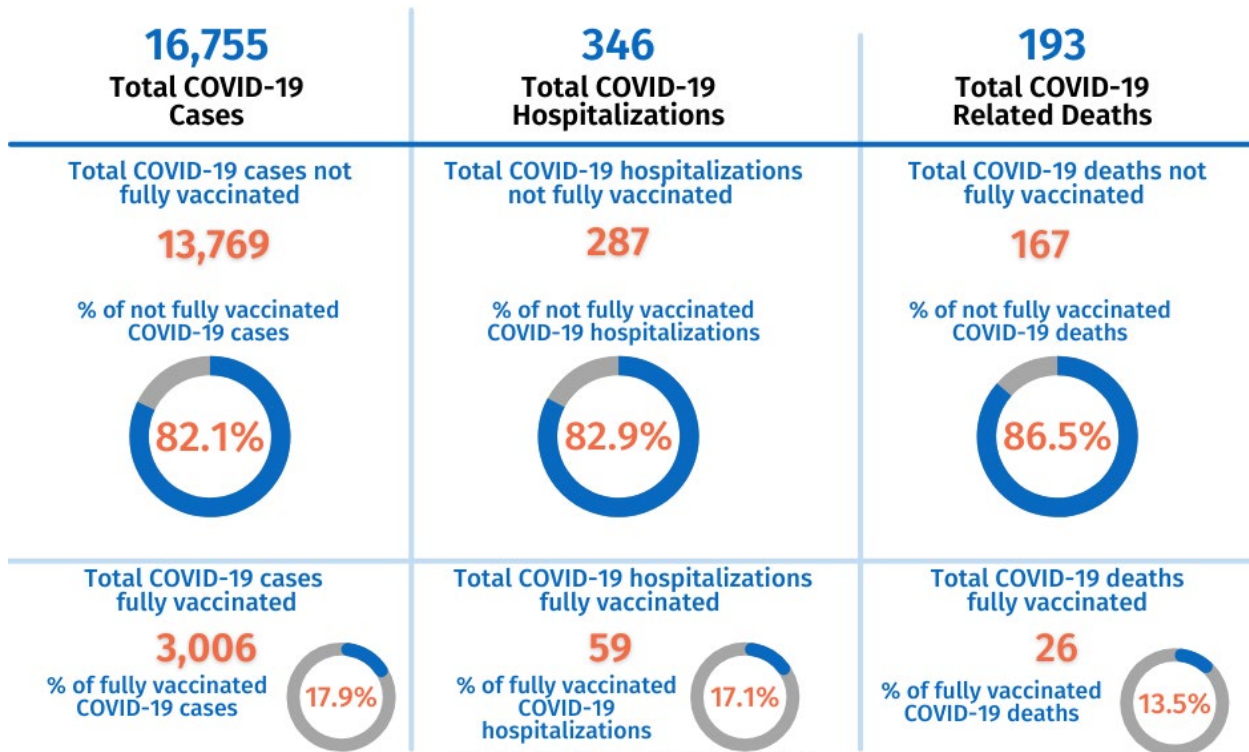


On 11/9/21, we added the 5-11 population estimates to the eligible populations for vaccine. This changed the percentage of initially vaccinated and fully vaccinated.



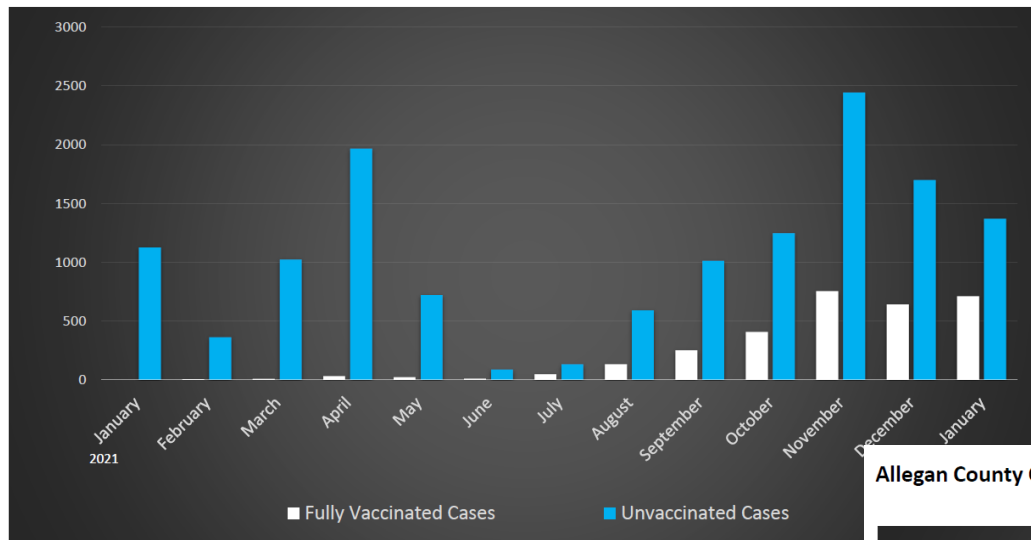
Allegan County Case Data by Vaccination Status ALL AGES

Since January 2021, there have been:

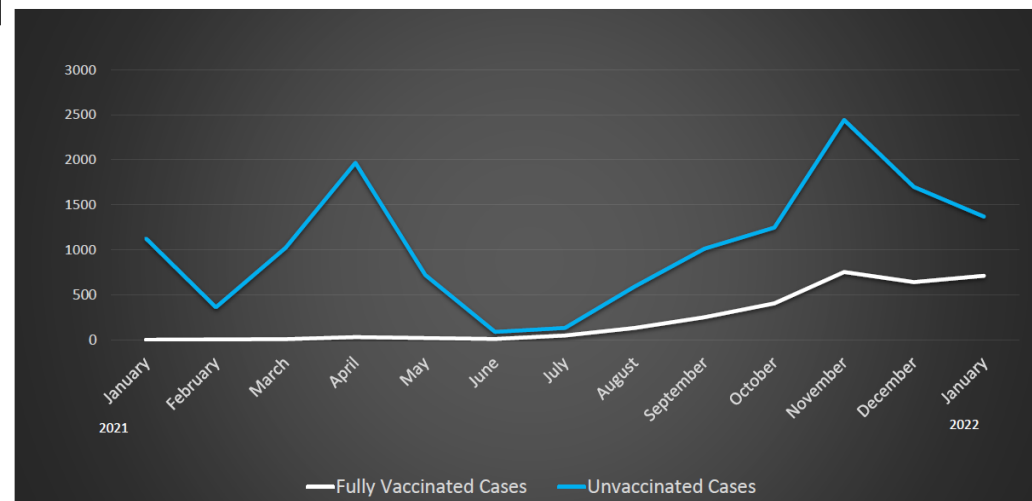


Data from January 1, 2021 to January 14, 2022

Allegan County COVID-19 Fully Vaccinated Cases vs Unvaccinated Cases from 01/01/2021 to 01/14/2022



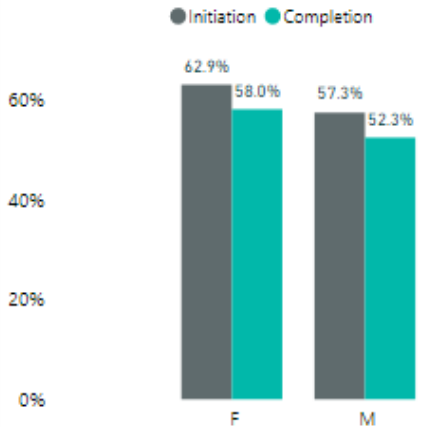
Allegan County COVID-19 Fully Vaccinated Cases vs Unvaccinated Cases from 01/01/2021 to 01/14/2022



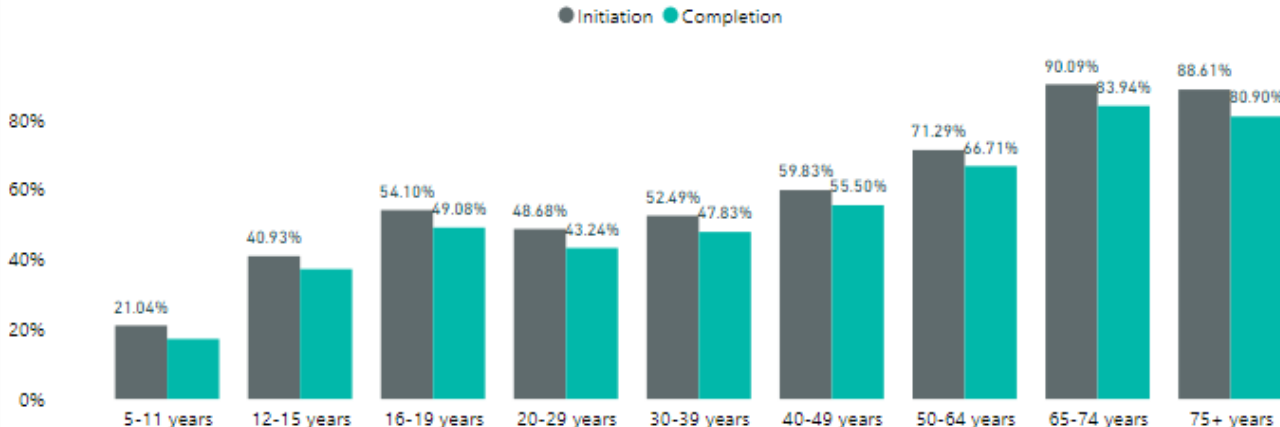
The graphs show a comparison of fully vaccinated cases and unvaccinated cases on a monthly basis. As the graph indicates, the number of breakthrough cases have increased since July 2021. However, the number of unvaccinated cases have continued to outnumber the fully vaccinated cases each month.

Allegan County Vaccination by Gender and Age Group, As of January 21, 2022

COVID Vaccine Coverage by Sex



COVID Vaccine Coverage by Age Group



Age 5-11

Initiated: 2,322: 21.04%
Completed: 1,898: 17.2%

Age 12-15

Initiated: 2,754: 40.9%
Completed: 2,503: 37.2%

Age 16-19

Initiated: 3,125: 54.1%
Completed: 2,835: 49.08%

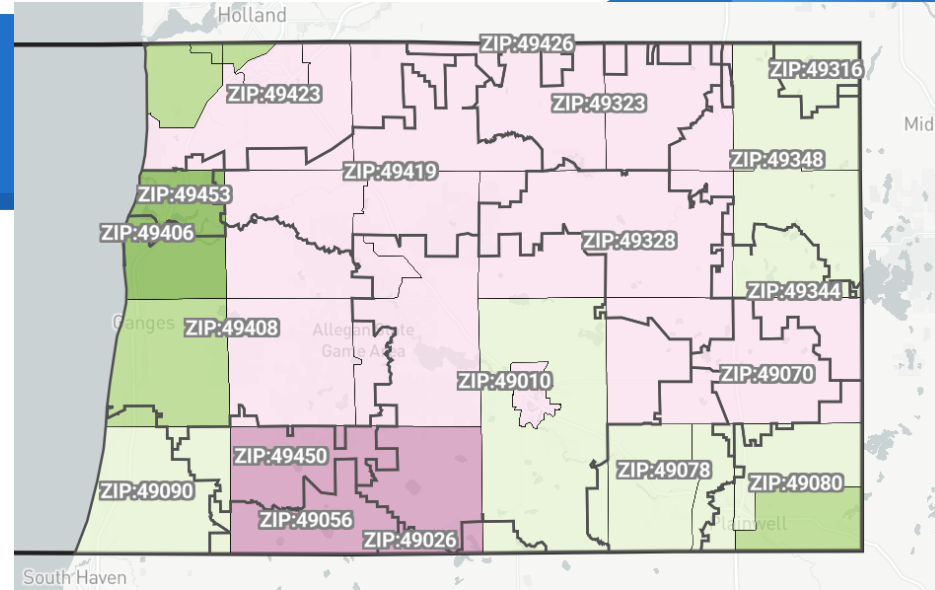
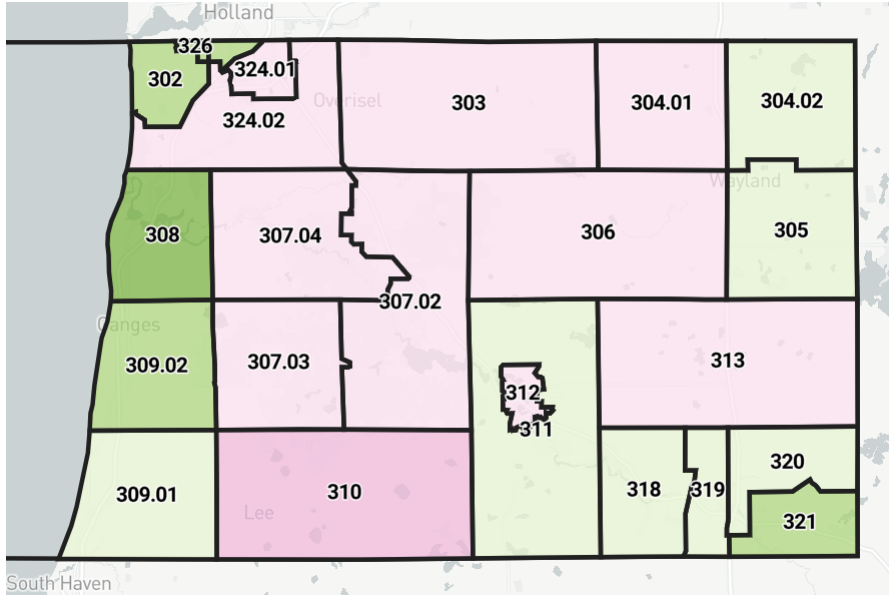
Definitions:

Initiation: Percentage who have received either 1 or more doses of ANY vaccine.

Completion: Percentage of Allegan County Residents receiving 2 doses of Pfizer or Moderna or 1 dose of J&J.

Source: Michigan Disease Surveillance System; [MI COVID-19 Vaccine Dashboard](#)

Data as of 1/24/22



Color coded by: Fully Vaccinated (% Population)

0-9% 10-19% 20-29% 30-39% 40-49% 50-59% 60-69% 70-79% 80-89% >90% <150 Population



Public Health COVID-19 Advisory: Level of Community Transmission: High

Allegan County Health Department strongly recommends everyone to:



Wear a mask in public

In settings with a lot of people (restaurants, festivals, fairs, events, stores, etc.), wearing a mask provides you extra protection



Get a COVID-19 vaccine and booster

This helps lessen the impact of severe illness, resulting in hospitalization or death

Actions including **social distancing, frequent handwashing, screening and testing,** and **isolation/quarantine** help lessen the level of transmission



HEALTH
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#DoYourPart

TOOLS THAT HELP PREVENT COVID-19 IN SCHOOLS/BUSINESSES



ACHD is imploring community leaders to implement universal masking in indoor public spaces into the near future. **We need to not only decrease transmission, but protect hospital capacity, businesses can provide services without interruptions, and minimize unintended financial impacts to families in our community.**

ACHD COVID-19 Response

- ▶ On January 13, 2022, subsequent to its rejection of the 1.5 million dollars, the Board clarified its expectations that the County transition to a mandated or down to low response utilizing available grant funding.
- ▶ It is important to note that as ACHD transitions to mandated services only; that many COVID-19 assistance and data reports that contain school district and zip code/census tract data will be discontinued. ACHD will include links to the MDHHS and CDC data systems that provide only County level data.
- ▶ With a mandated level response, the services to be discontinued, include but are not limited to COVID-19 testing, COVID-19 vaccine clinics (except for minimum program requirements), business/other organizations assistance, local school reports, local dashboard, and local community leader reports. Non COVID-19 services such as environmental health permits (new construction for well and septic permits) may be delayed when ACHD sanitarian staff are reassigned in response to a surge in cases
- ▶ If you have feedback related to transitioning to mandated services only, please contact the [Board of Commissioners](#).

Mandates COVID-19 Response Services

Notwithstanding the broader mandates contained within the Public Health Code, absent the allocation of funding that was requested on January 13, 2022, ACHD still has to provide the following **mandated** services relative to the COVID-19 pandemic (as would be required of any communicable disease related incident):

1. Communicable Disease Case Investigation (Michigan Public Health Code and Michigan Local Public Health Accreditation requirements)	<ul style="list-style-type: none">• MCL 333.2433; Parts 51 and 52;• PA 349 of 2004 – Sec. 218 and 904;• R325.171 et seq.
2. Health Education (Michigan Public Health Code and Michigan Local Public Health Accreditation requirements).	<ul style="list-style-type: none">• MCL 333.2433

Looking Ahead

- ▶ Based on moving to mandated level response, February 9th will be the last community update.
- ▶ ACHD will provide a monthly newsletter with public health updates, including COVID-19.
- ▶ To sign up: www.allegancounty.org/hdupdates

Updated School Quarantine Guidance & Business Toolkit

- ▶ On January 13, ACHD published updated [School Quarantine Guidance](#) reflecting changes by the CDC and aligning with MDHHS
- ▶ On January 19, an updated [COVID-19 workplace toolkit](#) was published
- ▶ Both can be found on our website under the [COVID-19 resources page](#)

Allegan County School Quarantine Guidance

updated 1/12/2022

What to do when a student is exposed to COVID-19 but doesn't have symptoms.

Masking helps keep kids in the classroom.

This guidance is for school setting exposures only.

If you are a household contact or outside school exposure, this guidance may not apply.

"Day 0" is day of last contact with a COVID+ student, teacher, or staff member.

ACHD asks for cooperation with quarantine options the parent chooses. If an individual refuses to comply, ACHD shall be forced to issue a warning notice pursuant to MCL 333.5203.








*-If a parent chooses their child to return to school after day 5, the parent is also expected that their child wears a mask for the next 5 days. If not, 10 day quarantine remains in effect.

**-If a parent chooses their child to test every other day for 6 days to stay in school, the parent is also expected that their child wears a mask for 10 days.

For more information, see our [2021-2022 COVID-19 School Guidance](#)

If the student exposed was:

Then they:

Distanced \leq 6 feet; tested positive for COVID-19 within the previous 90 days and recovered, regardless of masking 	Monitor symptoms for 10 days. Test on day 5, if possible ★		
Distanced \leq 6 feet; <u>up to date on their COVID-19 vaccines</u> , regardless of masking 	Monitor symptoms for 10 days. Test on day 5, if possible ★		
Distanced \leq 6 feet and masked; not vaccinated. COVID+ case was masked 	Monitor symptoms for 10 days. Test on day 5, if possible ★		
Distanced \leq 6 feet and masked; not vaccinated. COVID+ case was unmasked. OR Distanced \leq 6 feet and unmasked; not vaccinated. COVID+ case was masked. 	Test every other day for 6 days (for days 1-5). Wear a mask for 10 days**. Monitor symptoms for 10 days. ★ 	OR	Stay home for 5 days. Test on day 5, if possible. Wear a mask for 5 additional days*. ★
Distanced \leq 6 feet and unmasked; not vaccinated 	Test every other day for 6 days (for days 1-5). Wear a mask for 10 days**. Monitor symptoms for 10 days. ★ 	OR	Stay home for 5 days. Test on day 5, if possible. Wear a mask for 5 additional days*. ★
		OR	Stay home and return after day 10.



If testing to stay, may be able to participate in activities outside of school



= Stay in person



= Stay home



= Continue to mask



HEALTH Department



How to handle symptoms for students

updated 1/5/2022

DISCLAIMER: This information was developed based on the latest information, but is subject to change at any time.

What should parents/students do if they are experiencing symptoms of COVID-19 that are similar to other related illnesses/diseases? Use this flow chart to help with decision making on when a student can return to school.

Student has symptom (new/different/worse from baseline of any chronic illness):

- Temperature of 100.4 or signs of fever (chills/sweating)
- Sore throat
- Uncontrolled cough that causes difficulty breathing
- Diarrhea, vomiting, or abdominal pain
- Severe headache

Exclude student from school

Screen for close contact or potential exposure risk within last 14 days.

- Student had close contact with a COVID+ case

yes

no

Student diagnosed with COVID-19 OR no diagnosis is available.

Refer to healthcare provider or COVID-19 testing location for possible testing.

Student has negative test results.

See "Allegheny County School Quarantine Guidance" for students exposed to COVID. Student may return based on guidance for their symptoms. Must continue to mask.

- Fever: at least 24 hours have passed with no fever without the use of fever-reducing medications
- Sore throat: improvement (if strep throat: do not return until at least 2 doses of antibiotic have been taken)
- Cough/Shortness of breath: improvement
- Diarrhea, vomiting, abdominal pain: no diarrhea or vomiting for 24 hours
- Severe headache: improvement

Student may return based on the guidance for their symptoms

- Fever: at least 24 hours have passed with no fever without the use of fever-reducing medications
- Sore throat: improvement (if strep throat: do not return until at least 2 doses of antibiotic have been taken)
- Cough/Shortness of breath: improvement
- Diarrhea, vomiting, abdominal pain: no diarrhea or vomiting for 24 hours
- Severe headache: improvement

Home Isolation, regardless of vaccination status, until:

- At least 5 days since symptoms first appeared **and**
- At least 24 hours with no fever without fever-reducing medication **and**
- Symptoms have improved

Updated COVID-19 Isolation and Quarantine Guidance

Adapted from [CDC guidance](#) 1/11/22

You **isolate** when you are sick or when you have been infected with the virus, even if you don't have symptoms.

You **quarantine** and stay away from others when you have been in close contact with someone who has COVID-19.

Regardless of vaccination status, take precautions for 10 days after exposure with someone who has COVID-19:

- Watch for symptoms
- Wear a well fitting mask for 10 full days after exposure, do not go places where you are unable to mask
- Avoid travel
- Avoid being around people who are at high risk
- If you develop symptoms, isolate immediately and get tested. Continue to stay home until you know your results and wear a mask around others

Isolation

If you tested positive for COVID-19 or have symptoms, regardless of vaccination status:

- Stay home for 5 days.
- If you have no symptoms or your symptoms are resolving after 5 days, you can leave your house. (Fever free for 24 hours without use of fever reducing medication)
- Continue to wear a mask around others for 5 additional days.
- If you have a fever, continue to stay home until your fever resolves.
- Avoid travel & avoid being around people who are at high risk

If you were severely ill with COVID-19:

- You should isolate for at least 10 days. Consult your doctor before ending isolation.



Quarantine

If you were exposed to someone with COVID-19

If you were exposed to COVID-19 and are NOT up-to-date on COVID-19 vaccinations then you should:

- Stay home and quarantine for at least 5 full days.
- Get tested: Even if you don't develop symptoms, get tested at least 5 days after you last had close contact with someone with COVID-19.



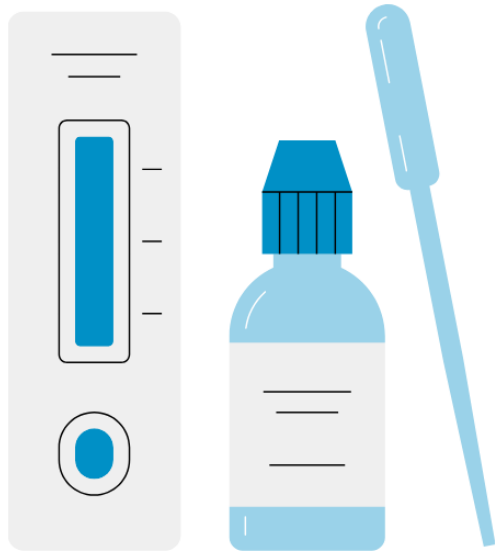
OR

If you were exposed to COVID-19 and are up-to-date with vaccination OR had confirmed COVID-19 within the past 90 days:

- You do not need to stay home unless you develop symptoms.
- Get tested: Even if you don't develop symptoms, get tested at least 5 days after you last had close contact with someone with COVID-19



Free COVID Test Kits Available to Order



- ▶ On January 18, the Federal Government launched [covidtests.gov](https://www.covidtests.gov), a website for all Americans to order 4 free rapid COVID-19 tests based on their household.
- ▶ **Take an at home test:**
 - ▶ If you begin having COVID-19 symptoms like fever, sore throat, runny nose, or loss of taste or smell, or
 - ▶ At least 5 days after you come into close contact with someone with COVID-19, or
 - ▶ When you're going to gather with a group of people, especially those who are at risk of severe disease or may not be [up to date on their COVID-19 vaccines](#)
- ▶ If you need a COVID-19 test in the meantime visit the Allegan County Transportation Building on Mondays, Wednesdays, and Fridays 12:00pm for free COVID-19 testing. Sign up [here](#).

5 community locations for at home test pick up

- ▶ MDHHS asked local health departments for community partners that would be interested and willing to distribute at home test kits, to help make testing more accessible.
- ▶ ACHD submitted 5 community partners that included local townships and libraries that voiced their interest.
- ▶ ACHD will provide updates in the monthly newsletter on local locations for free testing resources.



HEALTH
Department

Ascension
Borgess Allegan



ALLEGAN COUNTY

COMMUNITY HEALTH SURVEY

Your Voice Matters!

Please help us understand the community health needs in Allegheny County by taking a brief survey. The information collected in this survey will help community organizations across Allegheny County better serve the health needs in your community.

Type this web address into any device to take the survey: <https://bit.ly/3xUtj2X>

You can also scan the QR code with your phone camera to take the survey:



If you do not have internet access and need help filling out the survey, please call (269) 673-5411.

- ▶ Allegheny County Community Health Survey Launched!
- ▶ Held by ACHD, Ascension Borgess Allegan, and Allegheny County United Way
- ▶ Please take the survey and share with community members!
- ▶ Survey closes March 1, 2022.

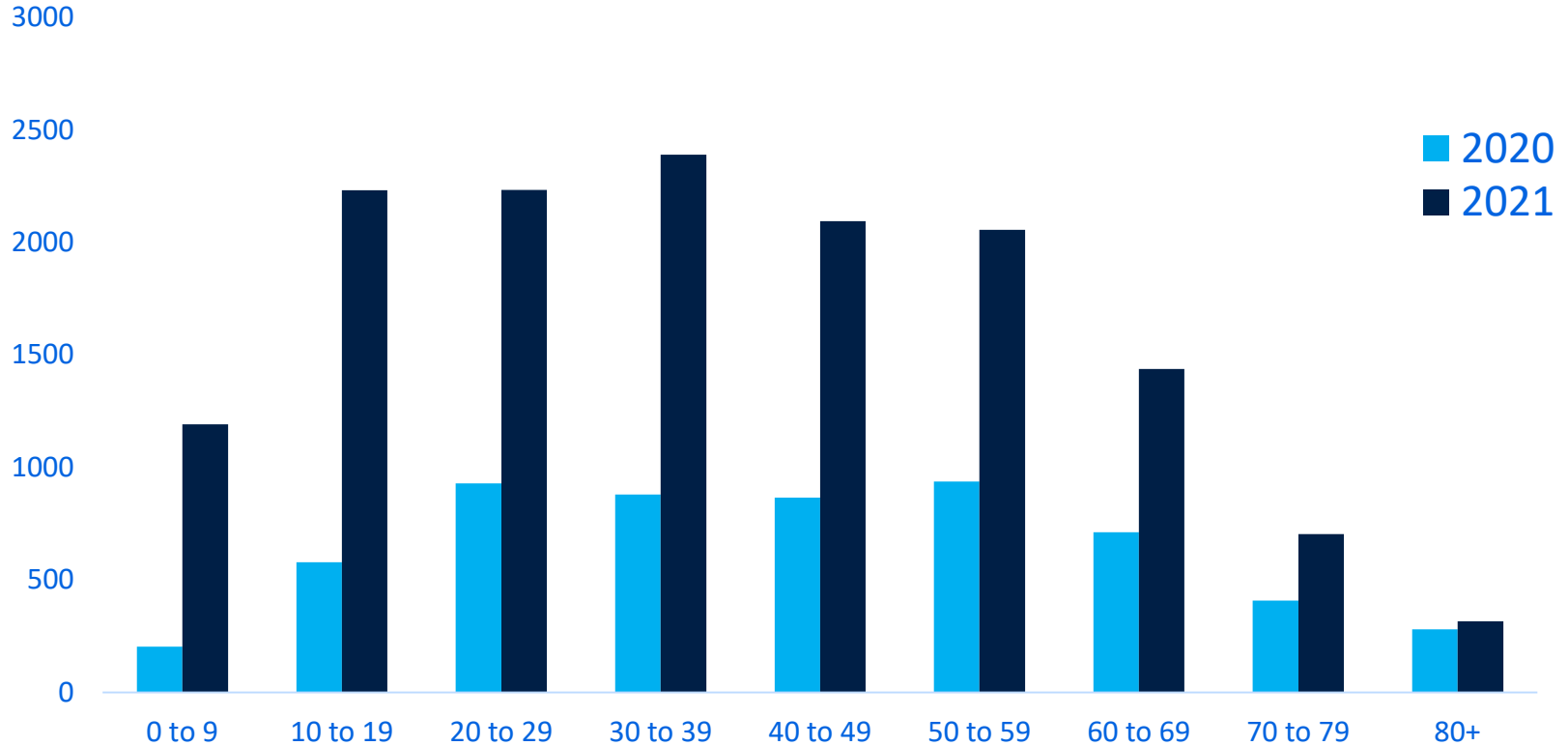
Allegan County: Year in Review-Pandemic in Numbers

Data 01/01/2021 to 12/31/2021

- More than 1 out of every 10 (12.7%) Allegan County residents tested positive for COVID-19 in 2021. This is more than double the rate of overall cases tested in 2020
- 5.8 times more children in the age group of 0-9 were reported infected with COVID-19 in 2021 compared to 2020. This age group had the highest increase of any other age group
- Overall Ages 0-19 had the highest relative increase in cases of any other age groups from 2020 to 2021
 - According to the US Department of Education “Students who are chronically absent—meaning they miss at least 15 days of school in a year—are at serious risk of falling behind in school”
- Every age group saw an increase in cases from 2020 to 2021
- On average, there were more than 27 hospitalizations each month for Allegan County in 2021
 - ▶ 333 hospitalizations were reported in 2021, which accounts for more than 2% of cases with 62 patients admitted to the ICU
 - 44 days hospitalized was the highest consecutive number of days recorded for a patient
 - ▶ 177 hospitalizations were reported in 2020, which accounts for more than 3% of cases with 23 patients admitted to the ICU
 - 38 days hospitalized was the highest consecutive number of days recorded for a patient
- 180 deaths reported for the year 2021 compared to 110 deaths in 2020

Allegan County: Year-Over-Year Comparison of COVID-19 Cases by Age Group

Data 03/01/2020 to 12/31/2021



ACHD COVID-19 Updates :
last update will be held
2/9/22. Sign up for our
monthly newsletter

Questions?

Questions, concerns, or more information needed? Please complete an [inquiry form](#)

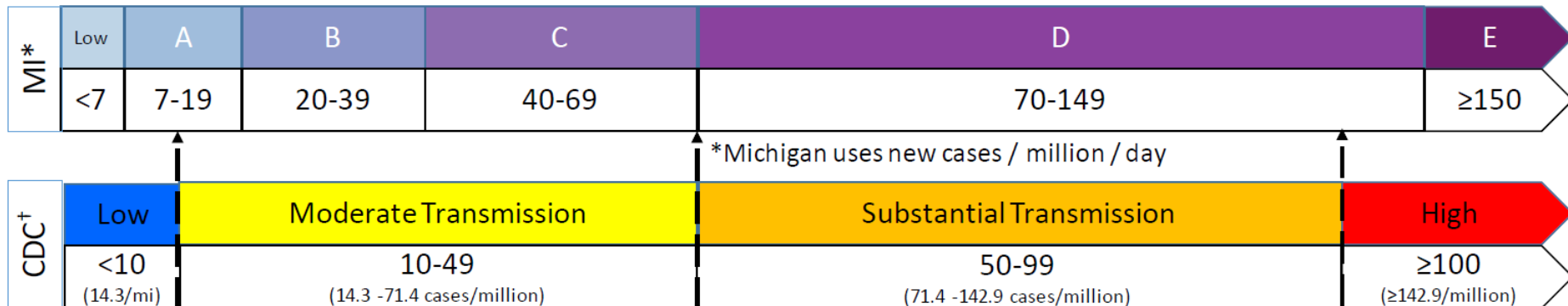
Mitigation to Adaptation slides from previous updates are now in the Appendices, as well as communication materials on testing and vaccine

Appendices

Appendix A

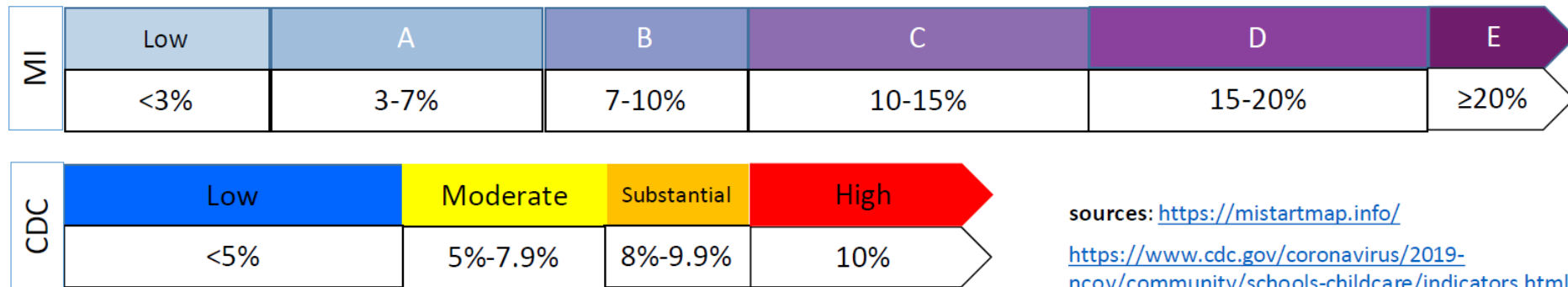
Comparing CDC community transmission thresholds to MI levels

Case Rate*†



† CDC uses cases / 100,000 / week (conversion to MI metrics in paratheses)

Percent Positivity



sources: <https://mistartmap.info/>

<https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html>



Everyone 12 years or older is now eligible for a **COVID-19** booster!

Immunity decreases naturally over time and cold weather makes viruses even easier to spread. A booster can help keep us and communities protected.

If you are 12+ years and got your initial doses of **Pfizer** at least **5 months ago**, you are now eligible for another dose.*

If you are 18+ years and got your initial doses of **Moderna** at least **5 months ago**, you are now eligible for another dose.*

If you are 18+ years and got your initial dose of **Johnson & Johnson** at least **2 months ago**, you are eligible for another dose.*

*Talk to your health care provider to decide which booster vaccine is right for you. Pfizer is the only vaccine authorized and recommended for those 12 through 17.



For help finding a vaccination site, visit Michigan.gov/COVIDVaccine or call 2-1-1.

COVID-19 vaccines are now available at ACHD on Thursdays and Fridays, by appointment only.

- ▶ COVID-19 Vaccination Available for anyone 5+* years
Moderna and J&J Booster Doses available for eligible individuals 18+
Pfizer booster doses available for 12+*
- ▶ Individuals will need to call the 269-673-5411 or visit our [website calendar](#) to schedule an appointment.

*Minors ages 5 to 17 will need a parent or legal guardian to accompany them to their appointment in order to provide consent to receive the COVID-19 vaccine.

Now anyone ages 5+ can get the COVID-19 vaccine.



Make an appointment today.

FREE

DRIVE THRU COVID-19 TESTING EVENTS



**Every Monday, Wednesday and
Friday: 12pm - 5pm**

**Allegan County Transportation Building
750 Airway Dr., Allegan**

FREE Drive-thru Rapid COVID-19 testing

Available to individuals of any age, regardless of symptoms.

Individuals under the age of 18 will need parental/guardian consent.

No pre-registration | No insurance needed | No doctor's note needed



NOTICE: In the event of severe weather, ACHD will cancel testing events for the protection of staff and residents. Please check our Facebook page @AlleganCountyHD or call 269-686-4546 for any cancellation notices the day of the event.



**HEALTH
Department**

GRATIS

CONDUCE A TRAVÉS DE EVENTOS DE PRUEBA DE COVID 19



**Cada Lunes, Miércoles, y Viernes:
1pm - 7pm**

**Allegan County Transportation Building
750 Airway Dr., Allegan**

COVID-19 rápido para conducir GRATIS

Disponible para personas de cualquier edad*, independientemente de los síntomas. Las personas menores de 18 años necesitarán el consentimiento de los padres / tutores.

Sin preinscripción | No se necesita seguro | No se necesita una nota del médico



AVISO: En caso de mal tiempo, ACHD cancelará los eventos de prueba para la protección del personal y los residentes. Consulte nuestra página de Facebook @AlleganCountyHD o llame al 269-686-4546 para recibir avisos de cancelación el día del evento.



**HEALTH
Department**

Expanded Testing Dates: Every Monday, Wednesday, & Friday testing events will be held from 12pm to 5pm at the Allegan County Transportation Building



Mitigation to Adaptation



COVID-19 Response



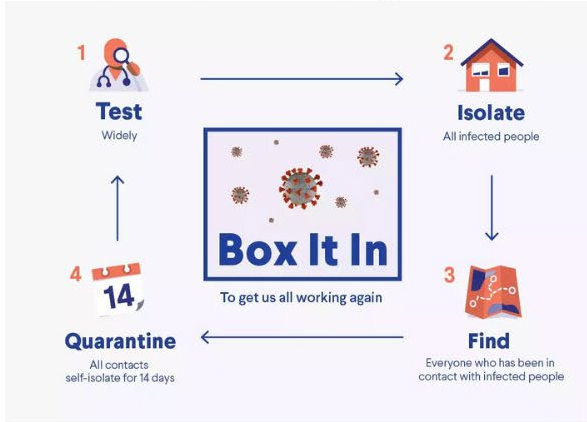
Given our current state, how do we move forward with adaptation? What resources are needed to do this?

Goal: Recover from the pandemic as a community with a low amount negative impact and high amount of community resiliency

Enhanced Ability to Test



Ensure timely access to testing for all residents



Testing is incredibly important to quickly identify cases moving forward. **This will help minimize transmission and prevalence of virus in community.**

Home Test Kits



Pharmacy Testing

Community Pop-up Testing



Provider Testing



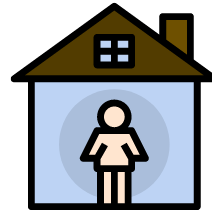
Robust Contact Tracing and Case Investigation



- Provide health education on actions to take
- Evaluate Required Quarantine practices

Local Public Health, based on resources, will only contact trace high risk environments. For non-high risk cases, positive individuals are responsible for notifying close contacts.

Letters of Exposure sent for high risk environments



Isolation when sick (required)

Cases telling close contacts



Quarantine when exposed (recommended). Testing will allow for early detection of COVID.

Sufficient Health Care Capacity



- **Provide health education on actions to take**
- **Monitor capacity to include COVID and non-COVID health needs**
- **Surveillance on chronic and infectious diseases in Allegan County**

What chronic diseases in Allegan County may put people in the hospital?
(lung cancer, diabetes, obesity, etc.)

What other infectious diseases that may be circulating in our community?

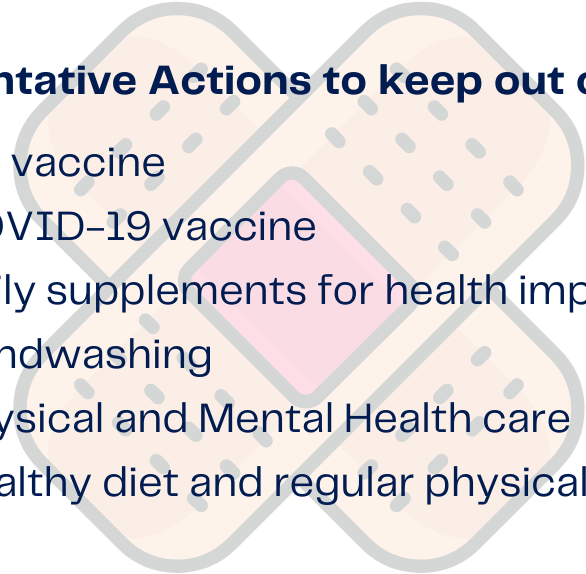


What other things should our community be monitoring?

What partnerships should be in place?

Preventative Actions to keep out of hospital

- Flu vaccine
- COVID-19 vaccine
- Daily supplements for health improvement
- Handwashing
- Physical and Mental Health care
- Healthy diet and regular physical activity



Best Practices for Organizations



- **Workplace policies that improve public health outcomes**
- **Expanding/Building relationships to improve broad public health outcomes**

Policies related to:

Diversity, Equity, Inclusion Health in All policies
Sick Leave

(ex [The Healthy Families Act](#) [Paid Sick Days](#))

Health Screenings

Enhanced Ventilation and
Cleaning

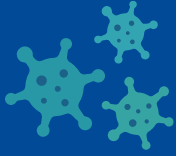
Considering social distancing or other barriers to put/keep in place when establishing work flow processes

Vaccine clinics on site (COVID-19, Flu, Hep A, Hep B, other vaccines for workforce)

Health Education to consider for Employer Wellness Programs

Consider sharing your business experiences with public health

Treatment, Community Vaccination and/or Herd Immunity



- **Determining clinic needs based on availability in the community and where people choose to get vaccinated**
 - **Is there a need for ACHD clinics?**
- **Surveillance for COVID-19 resistant variants (current challenge)**
- **Monitor vaccine rates and infection rates**
- **Implement Vaccine Plan for large vaccine events if needed (vaccine resistant variant)**
- **Ensure access to available COVID-19 treatments**

Socio-Ecological Model

The social ecological model looks at health broadly and focuses on multiple factors that might affect health (social, physical, cultural, environmental).





Evaluating Risk vs. Benefit for COVID and impact to greater community

Individual-level

- What brings value to your life/loved ones/friends?
- What are ways to be more healthy/protected to do those things?

Business/School/Organization Level

- What are your goals/objectives? What are ways to ensure a healthy workplace is in place to meet your goals/objectives?

Community Level

- How can we all work together?

Future State of Public Health Response

COVID-19 pandemic has demonstrated the intersection between health and impact on the economy.

ACHD has prioritized technical assistance to businesses, schools, and other organizations since the start of the pandemic to minimize outbreaks and absenteeism while providing services.

If businesses, schools, or other organizations would like continued technical assistance , then please consider sharing your experience with the Allegan County Board of Commissioners (BOC) at upcoming public meetings (December 9th, January 13th, or by email).

The BOC will consider allocating funding (at the January 13 BOC Meeting) to allow ACHD to continue providing technical assistance, timely case investigation/contact tracing, and other mitigation strategies (if no funding is received, the MDHHS COVID-19 grant funding will be spent by March 2022 and ACHD's response will not include technical assistance to organizations).