



HEALTH
Department

COVID-19 Update

September 29, 2021



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

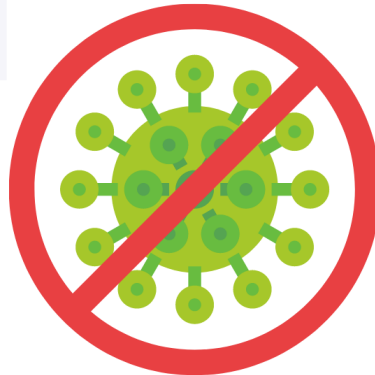
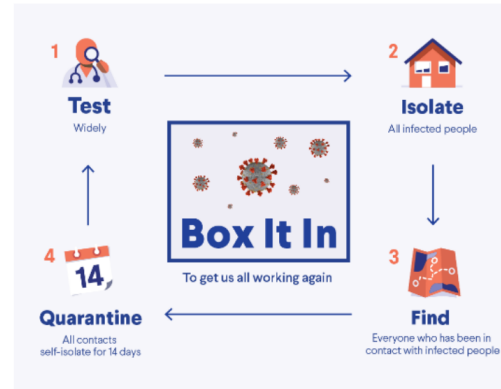
Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
2. Prepare, mitigate, and recover from widespread transmission in Allegan County

STATE & LOCAL ORDERS

Michigan Public Health Code



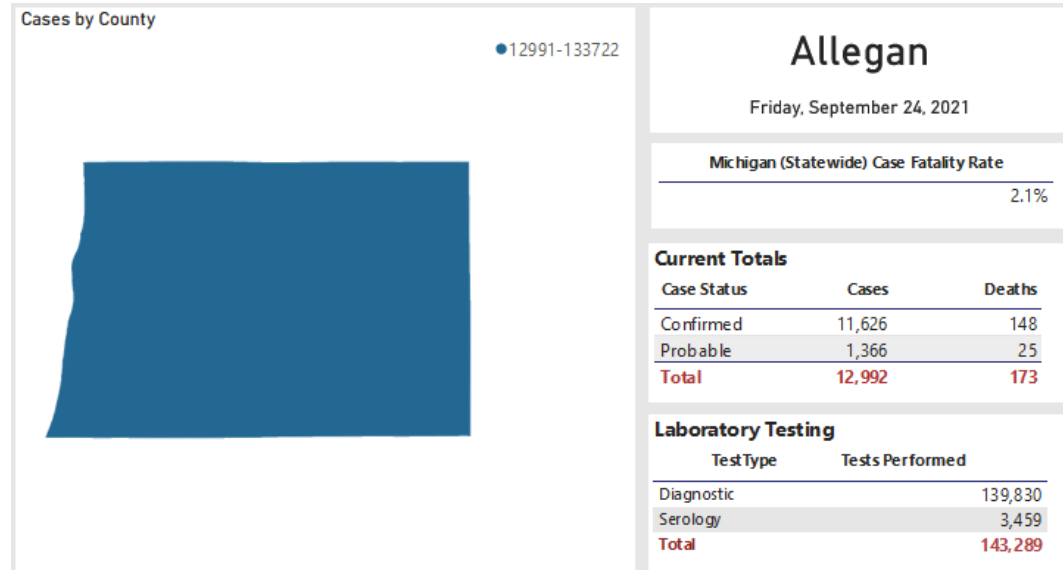
EPIDEMIOLOGICAL MODEL



Allegan County COVID-19 Dashboard

updated weekly on Fridays at 3pm.

- ▶ <https://alleganco.maps.arcgis.com/apps/opsdashboard/index.html#/792287b41e3f485c97f968335b45ca6c>
- ▶ 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

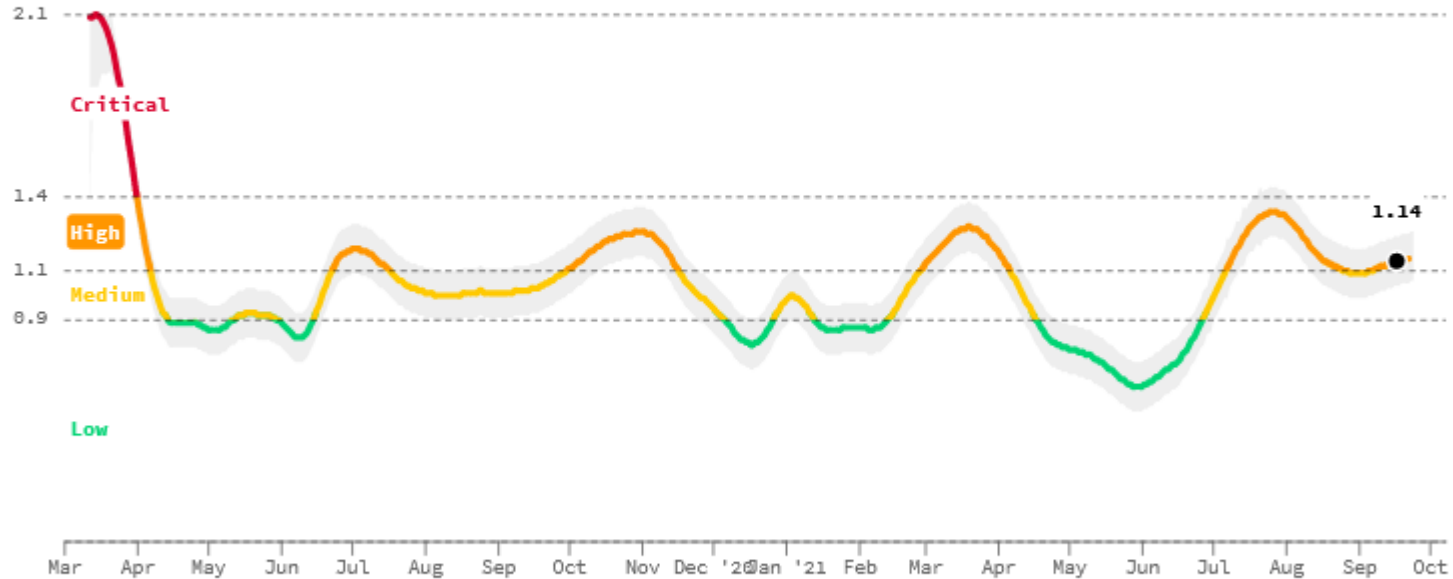
● **32.9** PER 100K

INFECTION RATE

● **1.14**

POSITIVE TEST RATE

● **8.5%**



On average, each person in Michigan with COVID is infecting 1.14 other people. As such, the total number of active cases in Michigan is growing. [About this data](#)

Share

Updated 9/26/2021, data from 9/16/21

Cases

DAILY NEW CASES

● **38.2** PER 100K

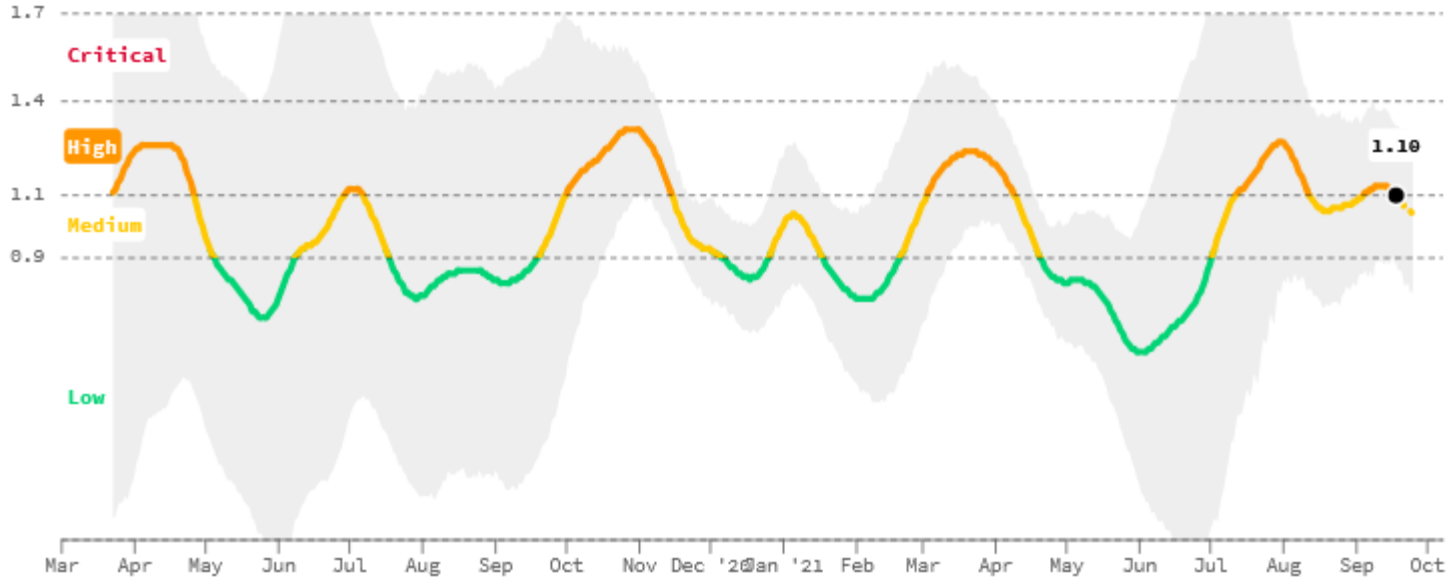
INFECTION RATE

● **1.10**

POSITIVE TEST RATE

● **12.8%**

← Calculated on 9/22/2021 from previous week



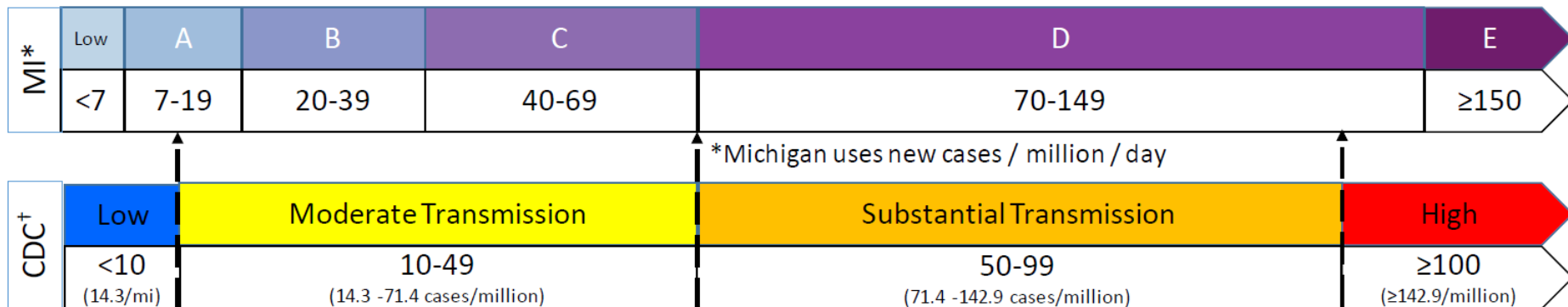
On average, each person in Allegan County, Michigan with COVID is infecting 1.10 other people. Because this number is around 1.0, it means that COVID continues to spread at about a constant rate. [About this data](#)

Share

Updated 9/26/2021, data from 9/18/21

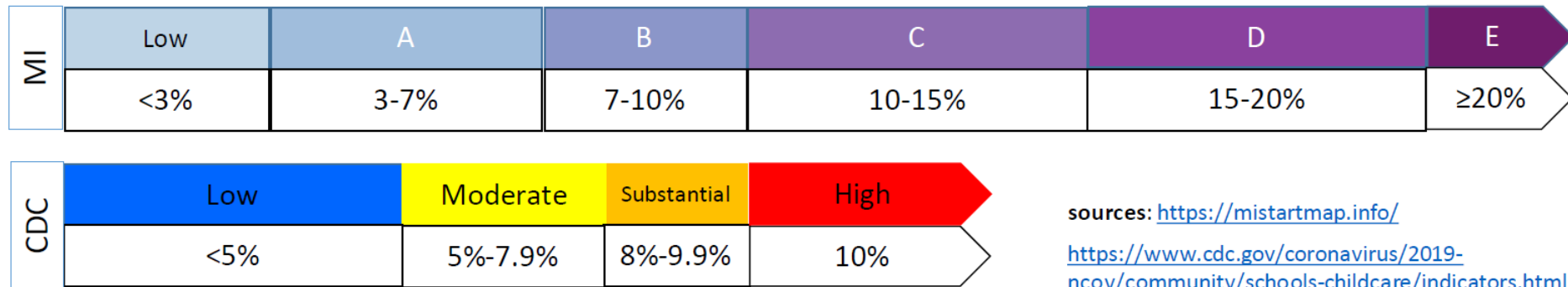
Comparing CDC community transmission thresholds to MI levels

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>

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

Allegheny County, data as of 9/23/2021

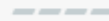
✓ **Test Positivity**
Sep 17 - Sep 23

13%
positive tests



3k
daily tests
administered
per million

↗ **1 week** ⓘ
Sep 14 - Sep 21

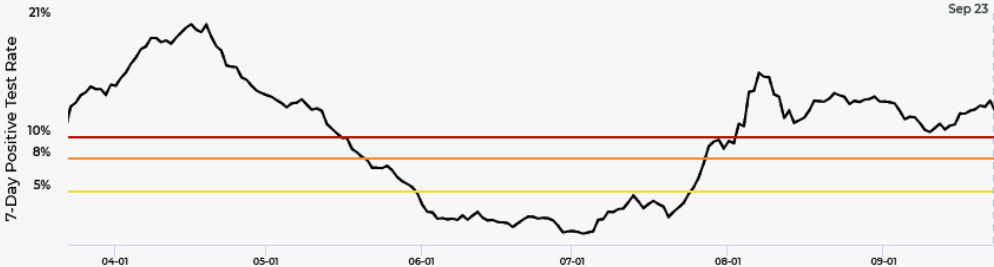


7-Day Positive Test Rate
ALLEGHENY COUNTY

Zoom 1m 3m 6m All



Sep 23

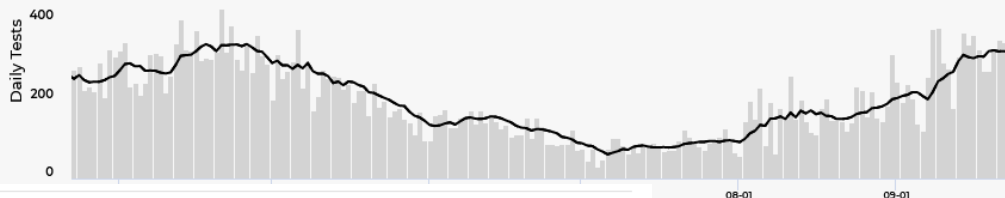


Daily Tests
ALLEGHENY COUNTY

1m 3m 6m All



Sep 23



Risk Thresholds (% Positive)



Low: <5%



Moderate 5-<8%



Substantial 8-<10%



High >=10%

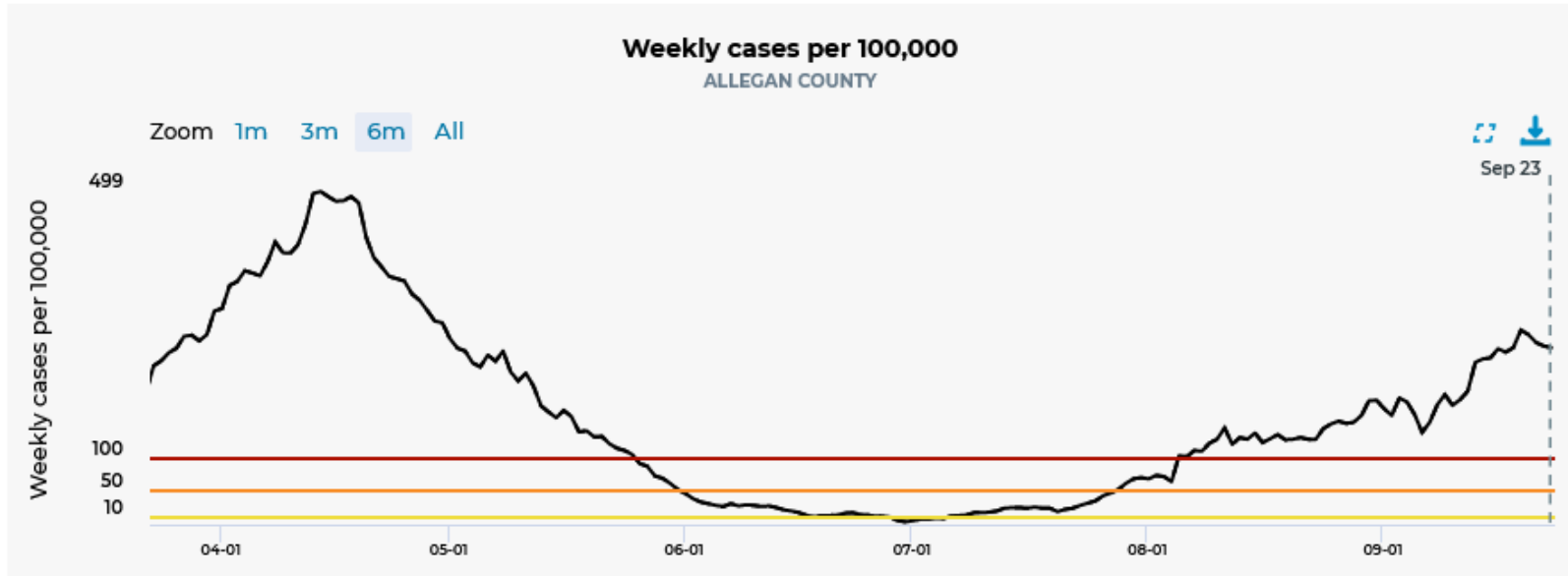
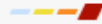
New Cases,

<https://mistartmap.info/> Allegan County, data as of 9/23/2021

✓ **New Cases**
Sep 17 - Sep 23

265
weekly cases per
100,000 population

313
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 9/23/2021

Sep 23, 2021

AREA	REGION RISK LEVEL (SEP 23)	COUNTY RISK LEVEL (SEP 23)	DAILY CASES PER MIL. (SEP 16)	CDC CASE TREND (SEP 16)	% POSITIVE TESTS (SEP 23)	% POSITIVE WEEKLY TREND (SEP 23)	DAILY TESTS PER MIL. (SEP 23)
Allegan	E	E	332.0		13.0%	1w	2,801.0
Barry	E	E	324.0	7d	15.0%	1w	2,662.0
Kalamazoo	E	E	222.0		7.0%	1w	4,177.0
Kent	E	E	278.0		12.0%	2w	4,318.0
Ottawa	E	E	271.0		11.0%	2w	3,857.0
Van Buren	E	E	288.0		11.0%	2w	3,521.0

Epidemiologic Information, All Ages Allegan County

Overall	Percent
Healthcare Worker	6.0%
Live or work in high-risk/congregate facility	8.1%
First Responder	0.8%
Other Essential Worker/Critical Infrastructure	14.5%
Healthcare Contact to confirmed care	0.5%
Community Contact to confirmed case	9.8%
Household Contact to confirmed case	17.5%
Total Cases: 13,184	Asymptomatic Cases: 12.1%

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	14.3%
Associated with known cluster/outbreak	1.8%
Any Contact to confirmed case	20.1%
Healthcare contact to confirmed case	0.1%
Community contact to confirmed case	3.7%
Household contact to confirmed case	16.9%
Attended Community Event/Mass Gathering	5.1%
Any Travel (international, domestic, in state)	3.3%
Source of Infection is unknown	26.9%
Number of cases reported in past 2 weeks: 670	

Epidemiologic Information, Ages 5-11, Allegan County

Overall	Percent
Healthcare Worker	0.0%
Live or work in high-risk/congregate facility	0.0%
First Responder	0.0%
Other Essential Worker/Critical Infrastructure	0.2%
Healthcare Contact to confirmed case	0.0%
Community Contact to confirmed case	12.9%
Household Contact to confirmed case	48.5%
Total Cases: 658	Asymptomatic Cases: 18.6%

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	25.0%
Associated with known cluster/outbreak	0.0%
Any Contact to confirmed case	36.1%
Healthcare contact to confirmed case	0.0%
Community contact to confirmed case	0%
Household contact to confirmed case	36.1%
Attended Community Event/Mass Gathering	5.6%
Any Travel (international, domestic, in state)	2.8%
Source of Infection is unknown	33.3%
Number of cases reported in past 2 weeks: 72	

Epidemiologic Information, Ages 12-17, Allegan County

Overall	Percent
Healthcare Worker	0.2%
Live or work in high-risk/congregate facility	0.8%
First Responder	0.0%
Other Essential Worker/Critical Infrastructure	1.8%
Healthcare Contact to confirmed case	0.0%
Community Contact to confirmed case	14.6%
Household Contact to confirmed case	28.1%
Total Cases: 1,131	Asymptomatic Cases: 14.8%

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	13.3%
Associated with known cluster/outbreak	1.2%
Any Contact to confirmed case	21.7%
Healthcare contact to confirmed case	0.0%
Community contact to confirmed case	8.4%
Household contact to confirmed case	14.5%
Attended Community Event/Mass Gathering	15.7%
Any Travel (international, domestic, in state)	1.2%
Source of Infection is unknown	48.2%
Number of cases reported in past 2 weeks: 83	

Breakdown of Cases by School Age Categories

Total Case Count	13184
Number of Cases <18 years	2062
% cases <18 years	15.6%

Data as of 9/27/2021.

Source: Michigan Disease Surveillance System

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	159	1.2%	7.7%
Pre-K age	3-4 years	110	0.8%	5.3%
K-5th grade age	5-10 years	552	4.2%	26.8%
6-8th grade age	11-13 years	393	3.0%	19.1%
9-12th grade age	14-17 years	848	6.4%	41.1%

*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.

Breakdown of Cases by School Age Categories

Total Case Count	670
Number of Cases <18 years	168
% cases <18 years	25.1%

Data as of 9/27/2021 for previous 2 weeks

Source: Michigan Disease Surveillance System

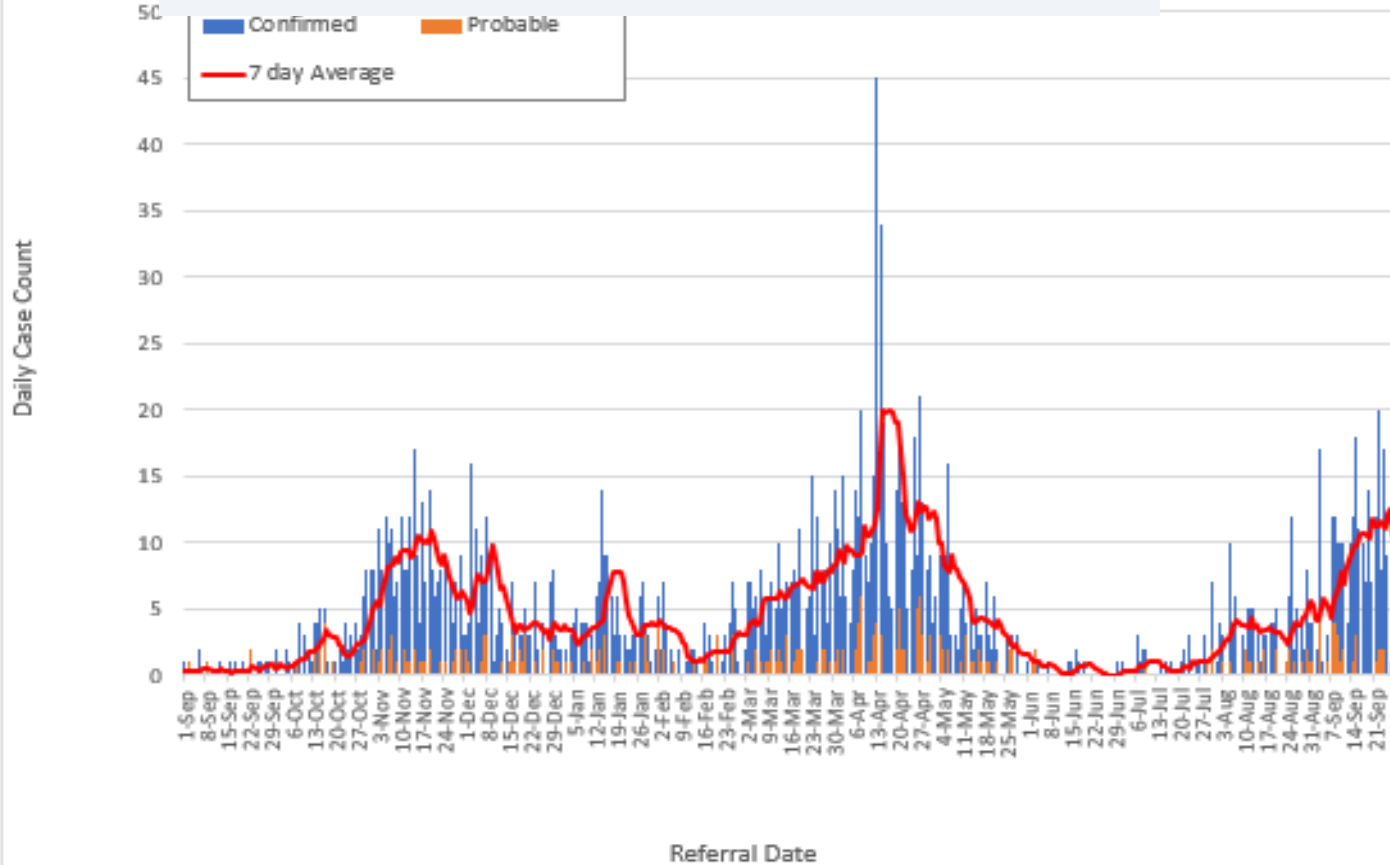
<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	9	1.3%	5.4%
Pre-K age	3-4 years	13	1.9%	7.7%
K-5th grade age	5-10 years	55	8.2%	32.7%
6-8th grade age	11-13 years	26	3.9%	15.5%
9-12th grade age	14-17 years	65	9.7%	38.7%

*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.

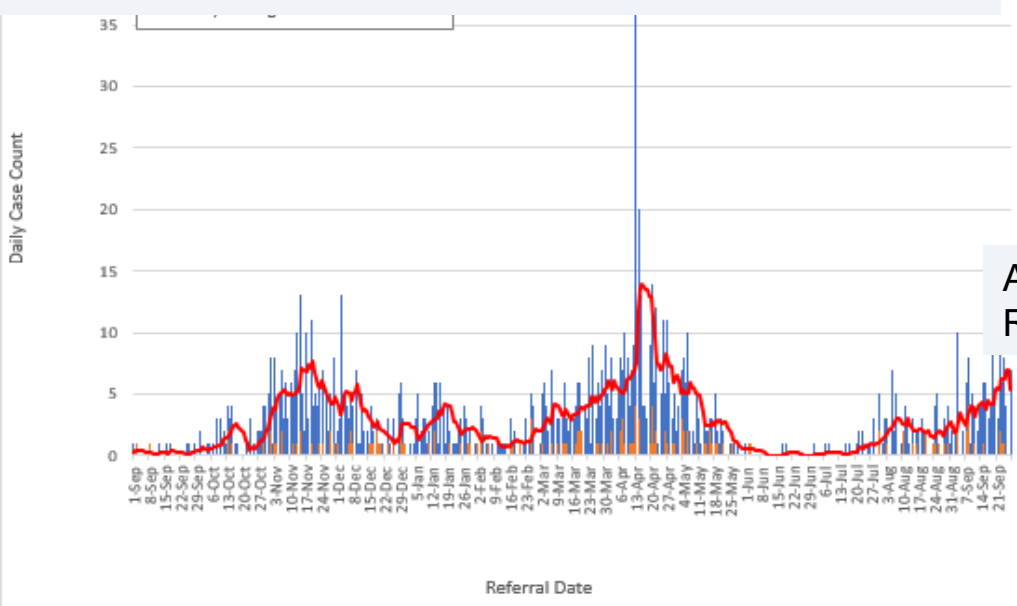
~36% of cases are a household close contact (5-11 years)

~15% of cases are a household close contact (12-17 years)

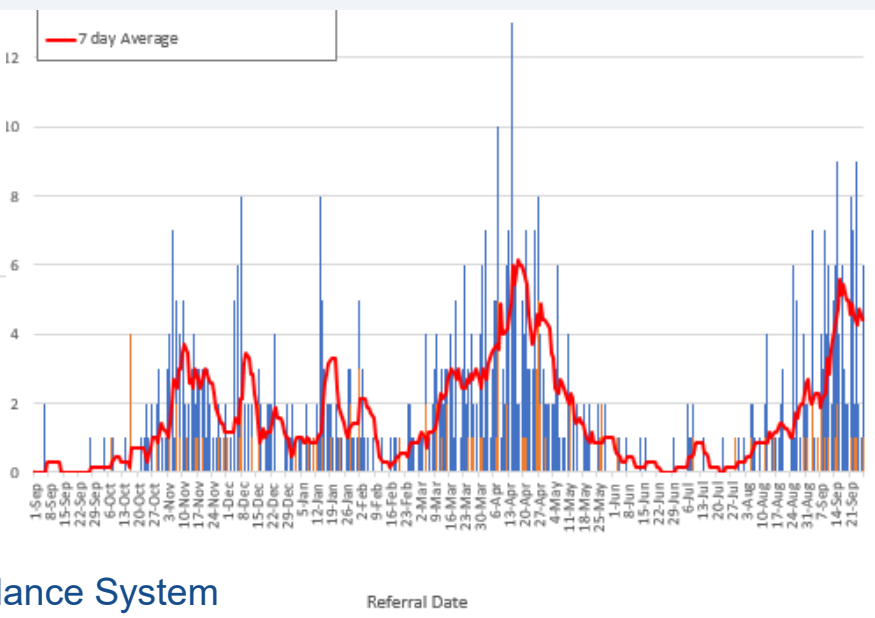
Allegan County School Age (3-17) COVID Cases by Referral Date



Allegan County School Age (12-17) COVID Cases by Referral Date

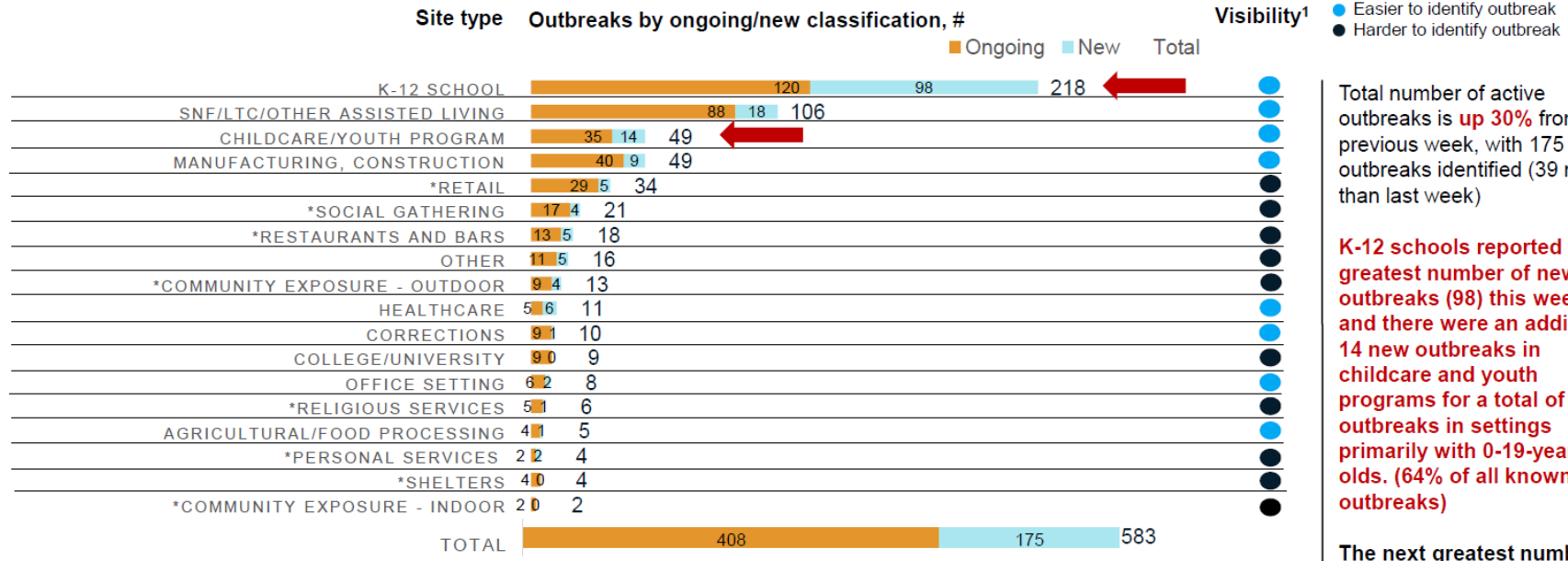


Allegan County School Age (5-11) COVID Cases by Referral Date



Number of Outbreaks Reported has Increased

Number of outbreak investigations by site type, week ending Sep 16



Total number of active outbreaks is **up 30%** from previous week, with 175 new outbreaks identified (39 more than last week)

K-12 schools reported the greatest number of new outbreaks (98) this week, and there were an additional 14 new outbreaks in childcare and youth programs for a total of 112 outbreaks in settings primarily with 0-19-year-olds. (64% of all known new outbreaks)

The next greatest number of new outbreaks was among SNF/LTC (18), followed by manufacturing/construction (9), healthcare (6), and ten other settings with at least 1 new outbreak in the last week.

1. Based on a setting's level of control and the extent of time patrons/residents spend in the particular setting, different settings have differing levels of ability to ascertain whether a case derived from that setting

NOTE: 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.

Source: LHD Weekly Sitreps

As of 9/23/21, ACHD has identified **11 ongoing** outbreaks and **2 new** outbreaks.

- 2 in Manufacturing/Construction
- 3 School K-12 setting
- 1 Restaurant
- 1 Other setting
- 3 Childcare/Youth programs
- 1 LTCF
- 1 Office
- 1 Healthcare

Sufficient Health Care Capacity

Region 5: Allegan/Kalamazoo Hospital Systems
 Region 6: Grand Rapids/Ottawa Hospital Systems

Statewide Hospital Capacity Report COVID-19 09/27/2021**

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	1684	1667	1430	1031	1390	1014	221	142	182	137
Region 6	3187	2794	2893	2392	2531	2067	391	334	238	190

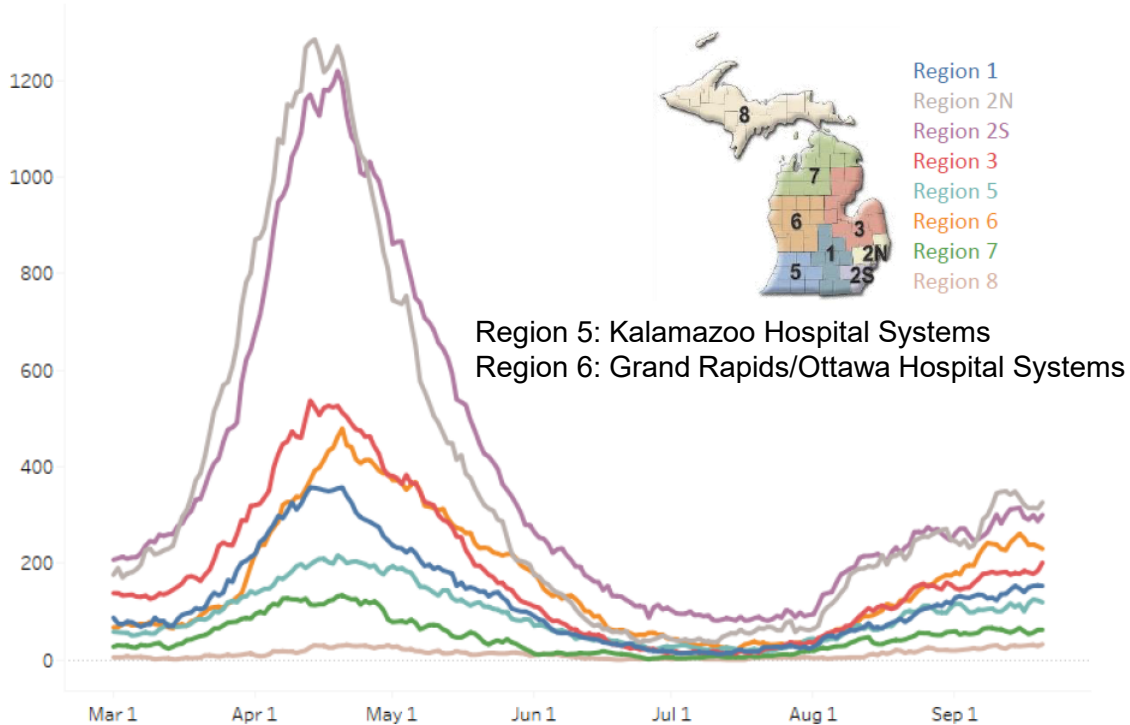
HCC Region	Region 5	Region 6
Total Hospitalized Adult Suspected/Confirmed	130	274
Adult Confirmed-Positive COVID	122	270
Hospitalized Beds Confirmed/Suspected	1	8
Hospitalized Bed Confirmed-Positive	1	5
Hospitalized and Ventilated COVID	9	45
Adult ICU Confirmed/Suspected COVID	31	74
ICU Adult Confirmed-Positive COVID	31	73
Prev Day COVID Related ED Visits	152	174

Region 5	Region 6
↑	↑
↑	↑
↔	↑
↔	↑
↓	↓
↑	↑
↑	↑
↓	↓

COVID-19 Metrics
 9/27/21, by HCC Region

Statewide Hospitalization Trends: Regional COVID+ Census

Hospitalization Trends 3/1/2021 – 9/20/2021
Confirmed Positive by Region



Some regions have increased in hospital census over the past week while other regions have decreased. Region 3, 7 and 8 showed the most growth while Regions 2N/2S and 6 decreased slightly.

Regions 3 and 6 have greater than 150/M population hospitalized with COVID.

Region	COVID+ Hospitalizations (% Δ from last week)	COVID+ Hospitalizations / MM
Region 1	153 (6%)	141/M
Region 2N	326 (-5%)	147/M
Region 2S	300 (-4%)	135/M
Region 3	201 (14%)	177/M
Region 5	119 (2%)	125/M
Region 6	230 (-5%)	157/M
Region 7	62 (11%)	124/M
Region 8	32 (10%)	103/M

Vaccine Works



- ▶ Majority of those hospitalized are not vaccinated
- ▶ There will be a small percentage of fully vaccinated people who still get sick, are hospitalized, or die from COVID-19.
 - ▶ As of 9/14, there are 0.59% (310/52,295) reported vaccine breakthrough cases in Allegan County for all ages.
 - ▶ As of 9/14, there are 0.15% (6/3,995) reported vaccine breakthrough cases in the 12-19 age group, 4 cases are under age of 18.
- ▶ Since January 1, 2021 to September 27, 2021—
 - ▶ There have been 161 total hospitalizations and 79 deaths
 - ▶ 10 fully vaccinated individuals were hospitalized
 - ▶ There's been 3 deaths in Allegan County from a fully vaccinated individuals (all over 70 years old)

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

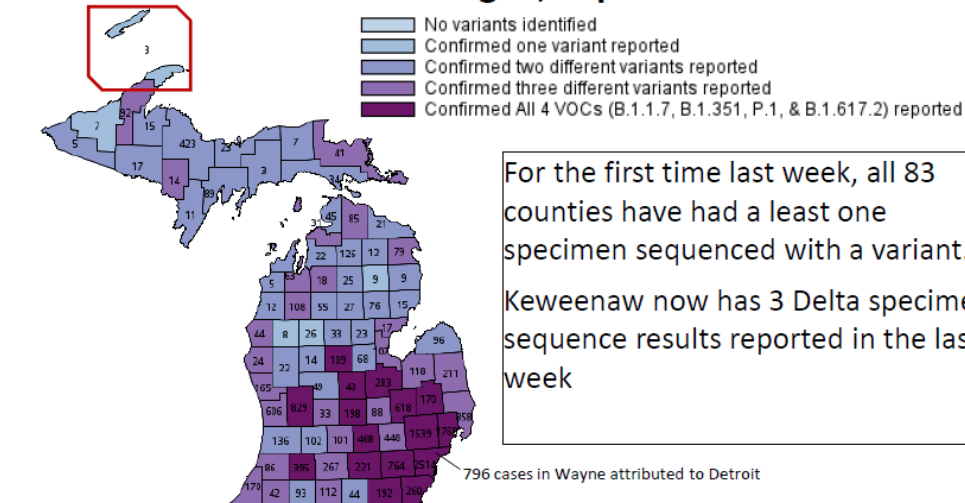
Variants Circulating in United States, Sep 5 – Sep 11 (NOWCAST)

Variants of Concern in Michigan, Sep 20

USA

WHO label	Lineage #	Type	%Total	95%PI
Alpha	B.1.1.7	VOC	0.0%	0.0-0.2%
Beta	B.1.351	VOC	0.0%	0.0-0.2%
Gamma	P.1	VOC	0.0%	0.0-0.2%
Delta	B.1.617.2	VOC	99.4%	98.6-100.0%
	AY.1	VOC	0.2%	0.0-0.7%
	AY.2	VOC	0.1%	0.0-0.5%
Eta	B.1.525	VOI	0.0%	0.0-0.2%
Iota	B.1.526	VOI	0.0%	0.0-0.2%
Kappa	B.1.617.1	VOI	0.0%	0.0-0.2%
Mu	B.1.621		0.1%	0.0-0.5%
N/A	B.1.617.3	VOI	0.0%	0.0-0.2%
Other	Other*		0.2%	0.0-0.7%

9/11/21



For the first time last week, all 83 counties have had a least one specimen sequenced with a variant. Keweenaw now has 3 Delta specimen sequence results reported in the last week

Variant	MI Reported Cases [¶]	# of Counties	% Specimens in last 4 wks
B.1.1.7 (alpha)	13,698*	81	0%
B.1.351 (beta)	88	24	0%
P.1 (gamma)	336	35	0.2%
B.1.617.2 (delta)	2,785 (↑658)	80 (↑3)	99.8%

* 534 cases within MDOC; [¶] 44 cases with county not yet determined

Allegan County has **136** reported cases of variants, with four different confirmed variants (as of 9/20/21). Note: not every positive case is serosequenced for a variant

Allegan County VACCINE DATA

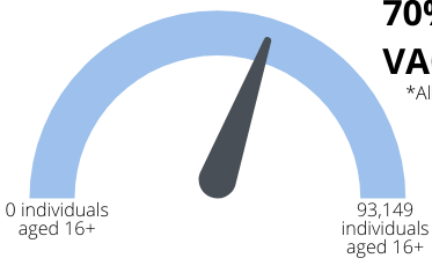
Updated 9/28/21
Data as of 9/24/21



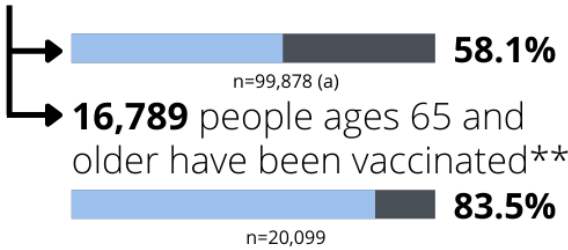
59.9%

**70% OF ELIGIBLE INDIVIDUALS*
VACCINATED BY END OF 2021**

*Allegan County residents age 16+



As of September 24, **58,049** people have been vaccinated**



**Individuals given at least 1 dose of vaccine. On 5/18, we began including the population 12 years and older.
a) 2019 American Community Survey (ACS) population estimates for 12+ in Allegan County



Over 1 in 2 individuals are fully vaccinated (54.3%).

Over 3 in 4 individuals aged 65 and older are fully vaccinated (79.9%).

Fully Vaccinated: Individuals (12 years and older) receiving 2 doses of Pfizer or Moderna or 1 dose of J&J.

Total Doses Distributed*

90,940

*includes 1st and 2nd doses. Based on allocation process established by MDHHS to each county.

Total Doses Administered*

106,727

*includes 1st and 2nd doses and based on person's residence.

PLANNED CLINICS

September 26, 2021 to October 2, 2021

3
Clinics

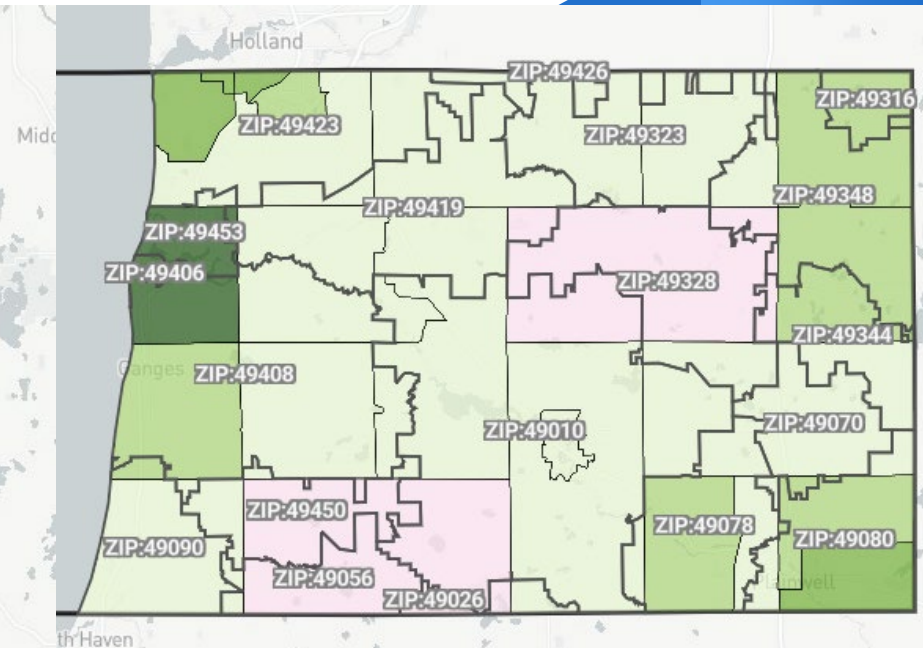
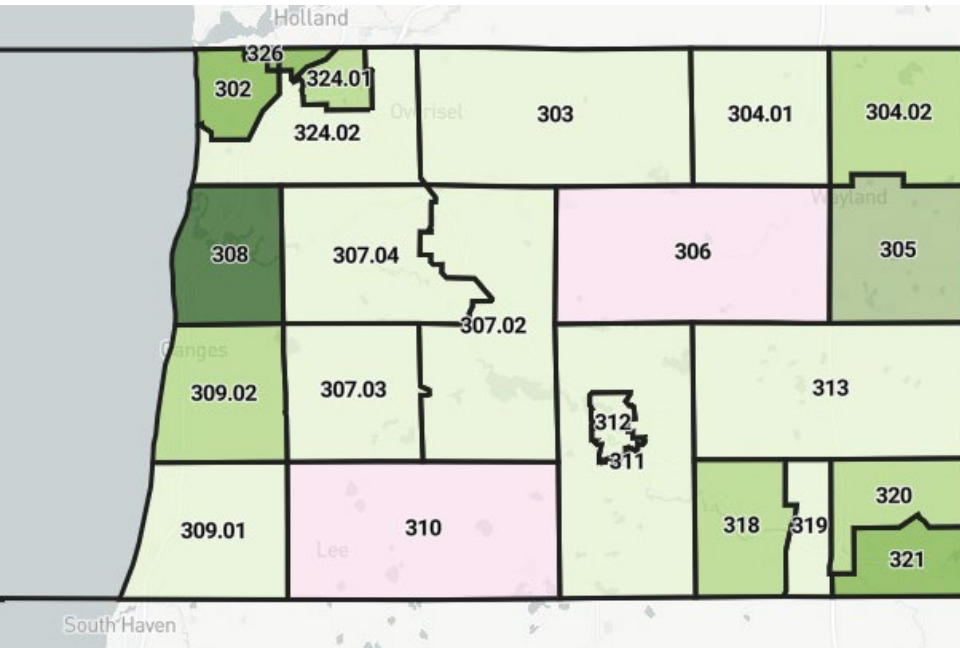
100
Doses

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.



HEALTH Department

Data as of 9/27/21

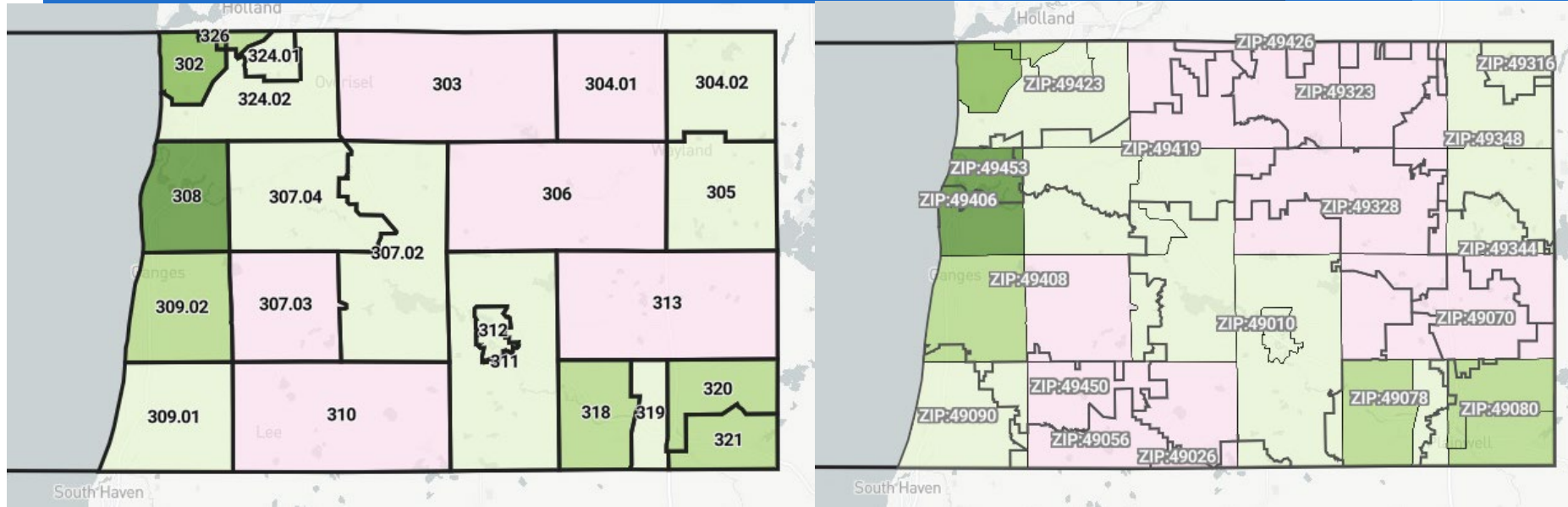


Color coded by: Received 1 or More Dose (% Ages 16+)

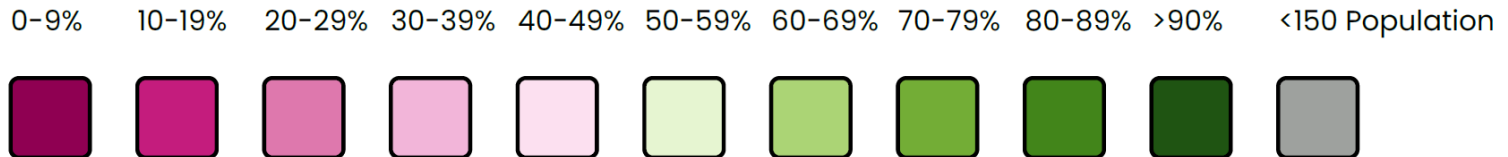
0-9% 10-19% 20-29% 30-39% 40-49% 50-59% 60-69% 70-79% 80-89% >90% <150 Population



Data as of 9/27/21



Color coded by: Fully Vaccinated (% Ages 16+)



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

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
Department

#DoYourPart

CDC Levels of Community Transmission

Allegan County Level of Community Transmission: High

Indicator - If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days	0-9.99	10-49.99	50-99.99	≥100
Percentage of NAATs ¹ that are positive during the past 7 days	0-4.99%	5-7.99%	8-9.99%	≥10.0%

Footnote:

Level of Community Transmission: This metric ** uses two indicators for categorization (1. Total number of new cases per 100,000 persons within the last 7 days and 2. Percentage of positive diagnostic and screening nucleic acid amplification tests (NAAT) during the last 7 days). INAAAT remains the "gold standard" for clinical diagnostic detection of SARS-CoV-2 and includes viral testing such as Nucleic Acid Amplification Tests (NAATs), which include reverse transcriptase-polymerase chain reaction (RT-PCR) tests. Total number of new cases per 100,000 persons within the last 7 days is calculated by adding the number of new cases in the county (or other administrative level) in the last 7 days divided by the population in the county (or other administrative level) and multiplying by 100,000. Percentage of positive diagnostic and screening NAAT during the last 7 days is calculated by dividing the number of positive tests in the county (or other administrative level) during the last 7 days by the total number of tests resulted over the last 7 days. If the two indicators suggest different transmission levels, the higher level is selected. Transmission categories include Blue (Low Transmission); Control is achieved largely through individual prevention behaviors and the public health response to identify and isolate cases or clusters. Threshold: Counties with fewer than 10 cumulative cases per 100,000 population in the past 7 days, and a cumulative NAAT percent test positivity result below 5% in the past 7 days. Yellow (Moderate Transmission); Adherence to individual and selected community level prevention strategies are needed. Threshold: Counties with 10-49 cumulative cases per 100,000 population or a cumulative NAAT test positivity result between 5.0-7.9% in the past 7 days. Orange (Substantial Transmission); Everyday activities should be limited to reduce spread and protect the health care system. Threshold: Counties with 50-99 cumulative cases per 100,000 population or a cumulative NAAT test positivity result between 8.0-9.9% in the past 7 days. Red (High Transmission); Significant measures are needed to limit contact between persons, with priority given to maintaining essential community activities and services (e.g., health care, transportation, food and agriculture, schools). Threshold: Counties with cumulative cases ≥100 per 100,000 population or a cumulative NAAT test positivity result ≥10.0% in the past 7 days. The Level of Community Transmission table displays the number of counties in each level and the change from the prior week.

TOOLS THAT HELP PREVENT COVID-19 IN SCHOOLS/BUSINESSES



What we are trying to do is to get the virus transmission level so low in the community that it can't continue to spread.

- These tools by themselves are helpful, but when paired together, we can get to our intended outcome (low to no virus transmission) quicker.
 - As community transmission increases, we need more tools to help provide protection
 - As vaccination rate within a community increases, fewer tools need to be practiced since there is a layer of protection

Universal Masking

- ▶ As many businesses are seeing outbreaks or increases in cases, **we are seeing more universal masking policies put in place at the businesses in our county.**
- ▶ We rarely see outbreaks in businesses where universal masking is in place



Mitigation Strategies are important to keep in place

- ▶ ACHD will provide modified quarantine to asymptomatic individuals (related to business continuity of operations or individual financial hardships) for businesses who have strict mitigation strategies in place (mask wearing, social distancing, frequent handwashing, health screening/testing).
- ▶ Allegan County residents have the option to reduce quarantine after day 7 with proof of negative test on day 7 (rapid or PCR, and home test not accepted)

Allegan County School Quarantine Guidance






updated 9/23/21

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

Masking helps keep kids in the classroom.

If the student exposed was:

Then they:

<p>Distanced \leq 6 feet; tested positive for COVID-19 within the previous 90 days and recovered, regardless of masking</p> 	<p>★ Monitor symptoms for 14 days.</p>
<p>Distanced \leq 6 feet; vaccinated, regardless of masking</p> 	<p>★ Monitor symptoms for 14 days. Recommend test on day 3, 4, or 5.</p>
<p>Distanced \leq 6 feet and masked; not vaccinated. COVID+ case was masked</p> 	<p>★ Monitor symptoms for 14 days. Recommend test on day 3, 4, or 5.</p>
<p>Distanced \leq 6 feet and masked; not vaccinated. COVID+ case was unmasked</p> 	<p>Daily test for 7 days and monitor symptoms for 14 days. ★</p> <p>OR</p> <p>Stay home for 7 days, return after day 7 with negative test <u>or</u> return after day 10.</p>
<p>Distanced \leq 6 feet and unmasked; not vaccinated</p> 	<p>Stay home for 7 days, return after day 7 with negative test <u>or</u> return after day 10.</p>



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★ = Continue to mask

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

 = Stay in person

 = Stay home



How to handle symptoms for students

updated 9/23/21

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 until:

- At least 10 days since symptoms first appeared **and**
- At least 24 hours with no fever without fever-reducing medication **and**
- Symptoms have improved

FAQ to ACHD K-6 Mask Order Available

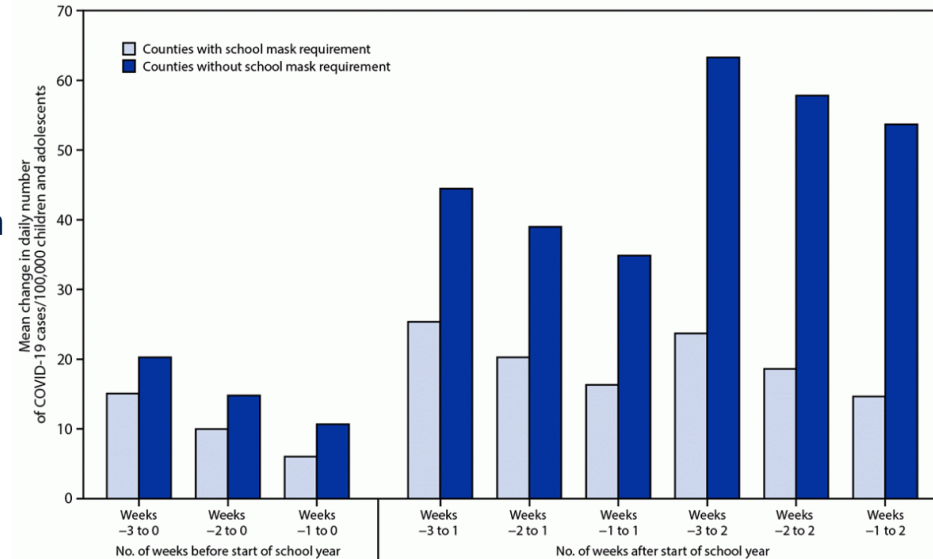
- ▶ The Allegan County Health Department has received a high volume of questions regarding the Face Mask in Educational Settings order from August 18, 2021.
- ▶ Thank you for your patience as we worked to get everyone's questions answered.
- ▶ We created an FAQ that should clarify many of the questions that you may have regarding face masks and the Face Mask in Educational Settings Order. COVID-19 resources can be found on www.allegancounty.org/COVID.

Read the [FAQ](#).

Science News

Budzyn SE, Panaggio MJ, Parks SE, et al. Pediatric COVID-19 Cases in Counties With and Without School Mask Requirements—United States, July 1–September 4, 2021. MMWR Morb Mortal Wkly Rep. ePub: 24 September 2021. DOI: <http://dx.doi.org/10.15585/mmwr.mm7039e3>

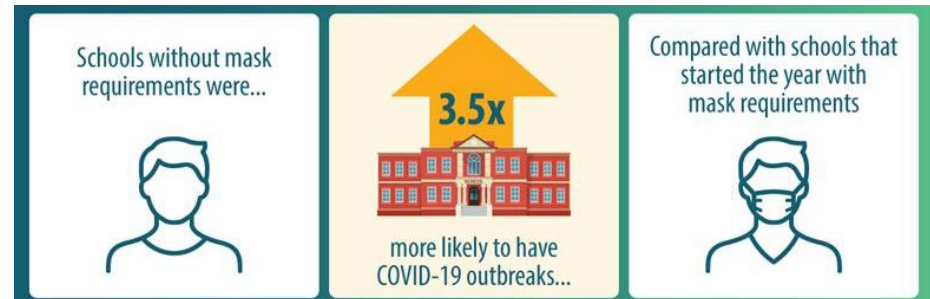
- ▶ Researchers assessed pediatric county case rates in schools with and without school mask requirements from July 1–September 4, 2021. They looked at 520 counties across the United States were included after applying the criteria of a clear mask policy, a uniform policy (all kids had to wear a mask or no kids had to wear a mask), and open for at least 3 weeks.
- ▶ Counties *without* school mask requirements experienced *larger* increases in pediatric COVID-19 case rates compared to counties that had school mask requirements, even after controlling for confounders



Science News

Jehn M, McCullough JM, Dale AP, et al. Association Between K–12 School Mask Policies and School-Associated COVID-19 Outbreaks — Maricopa and Pima Counties, Arizona, July–August 2021. MMWR Morb Mortal Wkly Rep. ePub: 24 September 2021. DOI: <http://dx.doi.org/10.15585/mmwr.mm7039e1>

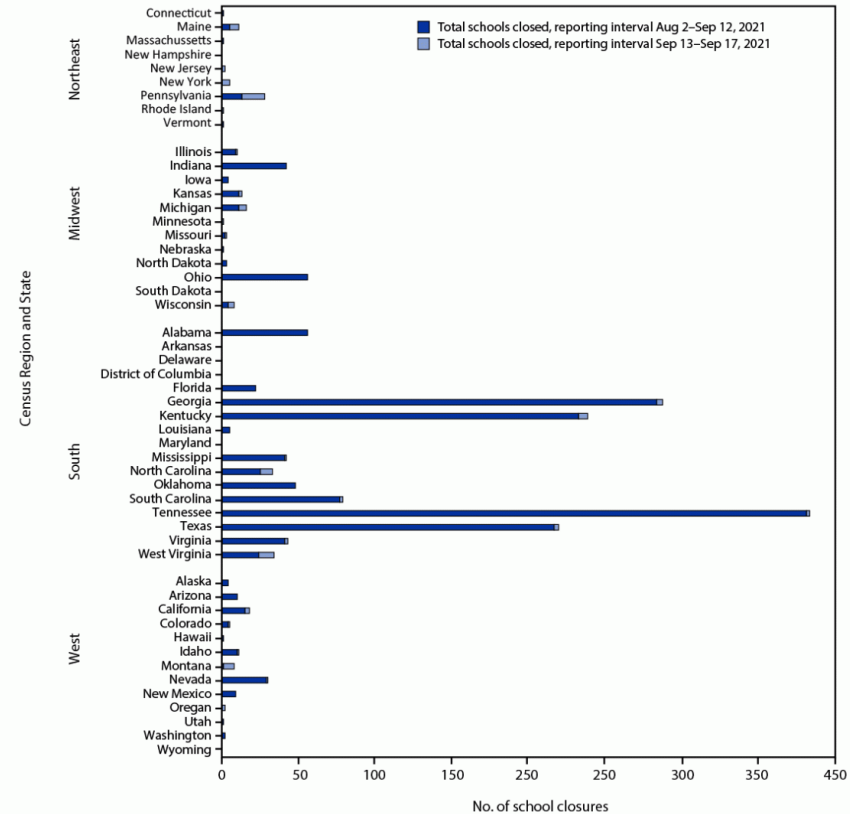
- ▶ Researchers assessed the impact of mask policies on school-related outbreaks. They studied 1,020 (98%) K–12 public schools in Arizona from July 15–August 31, 2021. Of the schools studied, 21% had established a mask requirement before school started (“early mask requirement”); 31% implemented a mask requirement after school started (“late mask requirement”); and 48% of schools had no mask requirement.
- ▶ There were a total of 191 school-associated outbreaks during the study period
- ▶ **8.4% of the outbreaks were in schools with early mask requirements; 32.5% in schools with late mask requirements; and 59% in schools without a mask requirement.**
- ▶ **Schools without mask requirements were 3.5 times more likely to have outbreaks compared to schools with mask requirements**, even after accounting for confounders (things like county, grade levels present, enrollment size, and Title I status).



Science News

Parks SE, Zviedrite N, Budzyn SE, et al. COVID-19–Related School Closures and Learning Modality Changes — United States, August 1–September 17, 2021. MMWR Morb Mortal Wkly Rep. ePub: 24 September 2021. DOI: <http://dx.doi.org/10.15585/mmwr.mm7039e2>

- ▶ Researchers systematically searched the internet for school and district closures from August 2–September 17.
- ▶ There were 248 districtwide closures and 384 individual school closures for ≥ 1 day attributable to COVID-19
- ▶ Closures affected 1,801 schools (1.5% of all schools), 933,913 students, and 59,846 teachers in 44 states
- ▶ The South had the highest number of closures compared to other regions. Tennessee took the lead with Georgia, Kentucky, and Texas closely following.



Senate Bill 82

- ▶ Section 250: The director or a local health officer shall not issue or enforce any orders or other directives that require an individual in this state who is under the age of 18 to wear a face mask or face covering.
- ▶ Section 1222 (4): If a local health officer has an emergency order under section 2453 of the public health code, 1978 PA 368, MCL 333.2453, in effect as of October 1, 2021, the funds appropriated in part 1 for essential local public health services are unappropriated. This subsection does not apply if a county board of commissioners passes a nonbinding resolution by a record roll call vote to support any emergency orders the local health officer has in effect on October 1 of the current fiscal year.

Boosters

- ▶ **How can I get my booster dose?**
We will provide booster doses for anyone in the eligible groups at scheduled ACHD Vaccine clinics. We provide walk-in availability or the option to make an appointment. People can also visit www.vaccines.gov for pharmacies that are providing booster doses. Please bring your vaccine card or copy of your record when you get your booster dose.



BOOSTER SHOT RECOMMENDATIONS



For Pfizer COVID-19 vaccine recipients, at least 6 months after completion of their Pfizer vaccine primary series.



Anyone ages 65 and older

Anyone ages 18 and older with a medical condition that increases their risk of severe COVID-19 illness such as obesity, diabetes, high blood pressure, kidney disease and others



Anyone ages 18 and older who lives or works in a high-risk setting for being exposed to COVID-19, such as residents of congregate living facilities, health care workers, first responders, educators, childcare staff, grocery store workers, and others

School Data

- ▶ Working to provide public data reports by school district and general school age data.
- ▶ Goal is to have reports posted for superintendents, BOE, parents, etc. by October 12.

Upcoming COVID-19 Vaccine Clinics* for anyone 12 years and older



OCTOBER VACCINE CLINICS



Make an appointment ahead of time by visiting www.allegancounty.org/covid

Friday, October 1 | 11:00am–3:00pm

Love INC., 943 56th St., Pullman

Friday, October 8 | 1:00pm–4:00pm

Plainwell Department of Public Safety,
119 Island Ave., Plainwell

Sunday, October 10 | 3:00pm–6:00pm

Hamilton High School, 4911 136th Ave., Hamilton

Tuesday, October 12 | 3:00pm–6:00pm

Casco United Methodist Church,
880 66th St., South Haven

Thursday, October 14 | 5:00pm–7:30pm

Starr Elementary School,
601 School Dr., Plainwell

Monday, October 18 | 3:00pm–6:00pm

Allegan High School, 1560 M-40, Allegan

Tuesday, October 19 | 3:00pm–6:00pm

Casco United Methodist Church,
880 66th St., South Haven

Thursday October 21 | 10:00am–2:00pm

First Baptist Church, 1290 32nd St., Allegan

Monday, October 25 | 3:00pm–6:00pm

Allegan High School, 1560 M-40, Allegan

Tuesday, October 26 | 3:00pm–6:00pm

Casco United Methodist Church,
880 66th St., South Haven

Friday, October 29 | 1:00pm–4:00pm

Plainwell Department of Public Safety,
119 Island Ave., Plainwell

Pfizer–BioNTech Booster Shots available to those who are eligible

(Minors ages 12 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)

People can make an appointment ahead of time by visiting www.allegancounty.org/covid



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FREE

DRIVE THRU COVID-19 TESTING EVENTS



GRATIS

CONDUCE A TRAVÉS DE EVENTOS DE PRUEBA DE COVID 19



Every Wednesday: 1pm - 7pm
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.



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Cada Miércoles: 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.



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Confirmed Cyanobacteria Blooms in Swan Lake

**ADVISORY
CONFIRMED
CYANOBACTERIA
HARMFUL BLOOMS
PRESENT.**

**KEEP PEOPLE
AND PETS
OUT OF AREA.**

This Advisory remains in effect until future testing shows no harmful cyanobacteria present.



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Environmental Health (269) 673-5415



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3255 122nd Avenue, Suite 200
Allegan, MI 49010

FREE

Preschool and Kindergarten Entrance Hearing and Vision Screenings

Please call (269) 673-5411 to
make an appointment.



Upcoming Clinics

9am - 12pm

By Appointment Only

Friday, September 3rd

Friday, October 1st

Friday, November 5th

"The ability to
hear and see--
the ability to
learn--is the
key to a child's
success."



Michigan's Public Health Code requires screening during preschool (ages 3 to 5) and again prior to kindergarten entry. Once a child begins elementary school, free screenings continue on a regular basis and are conducted by your local health department.



michigan
HEARING & VISION
screening programs

MDHHS Testing Residential Wells Near the Otsego Area Study for PFAS

- ▶ MDHHS is testing more residential drinking water wells near the Otsego Area Study for per- and polyfluoroalkyl substances (PFAS). The testing will help MDHHS determine if there are PFAS present in residents' drinking water. There is no charge for the testing.
- ▶ MDHHS recently mailed letters to residents who are located within the Otsego Area Study. The letters have information on how residents can schedule their drinking water test with MDHHS. If you received a letter and haven't scheduled a time for a water sample collection from your home, please contact MDHHS at 844-934-1315.
- ▶ MDHHS is collecting the well water samples starting the week of September 13, 2021. The test results will be provided to the well owners.
- ▶ Residents who have questions about this PFAS testing effort can call MDHHS at 844-934-1315. For more information about the PFAS response near the Otsego Area Study or in Michigan, visit Michigan.gov/PFASResponse, [Otsego Area Study/Fields](#).

WEST NILE VIRUS



- ▶ As of September 27, there have been 28 confirmed human cases of West Nile Virus (WNV) in Michigan this year. No confirmed cases have been identified in Allegan County at this time.
- ▶ Symptoms of arbovirus infections such as WNV typically include: fever, confusion, muscle weakness and a severe headache. More serious complications include neurological illnesses, such as meningitis and encephalitis. For up-to-date information regarding WNV in Michigan, visit www.michigan.gov/westnile.

1. Use insect repellent that contains DEET
2. Wear long sleeved shirts and pants
3. Remove standing water from around yards and homes
4. Make sure windows, doors, and screens fit tightly with no holes
5. Avoid being outdoors during peak mosquito hours (dusk and dawn)

**ACHD COVID-19 Updates
are held on the 2nd and
last Wednesday of every
month.**



Questions?