



**HEALTH**  
Department

# COVID-19 Update

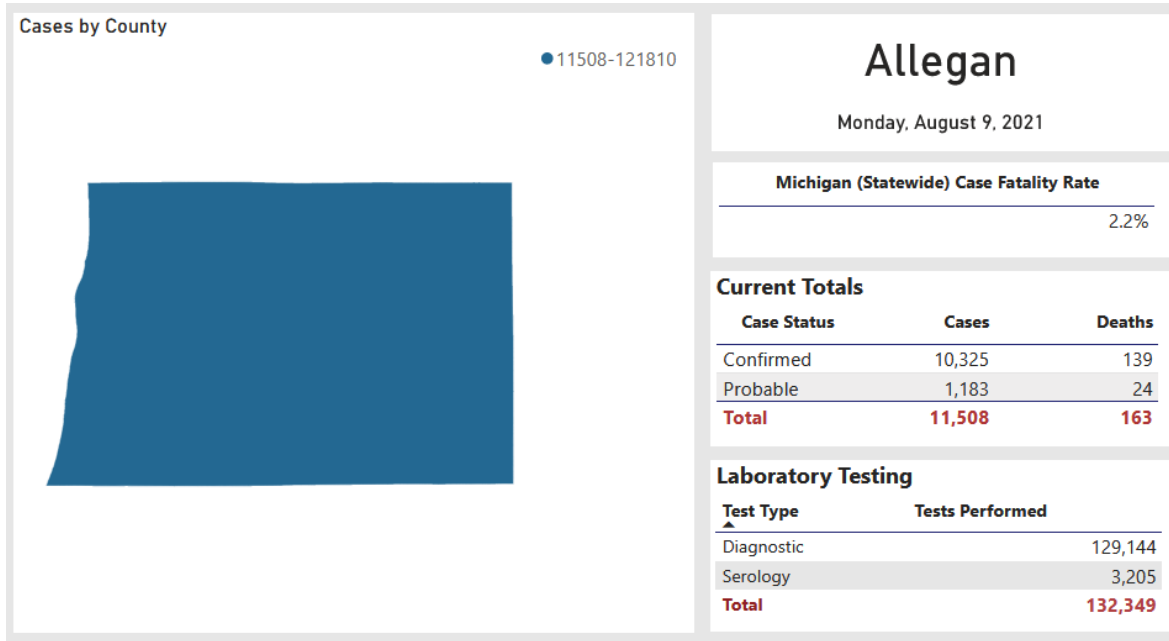
August 11, 2021



# 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 still updated Tuesdays 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](http://www.michigan.gov/coronavirus)



# Cases

DAILY NEW CASES

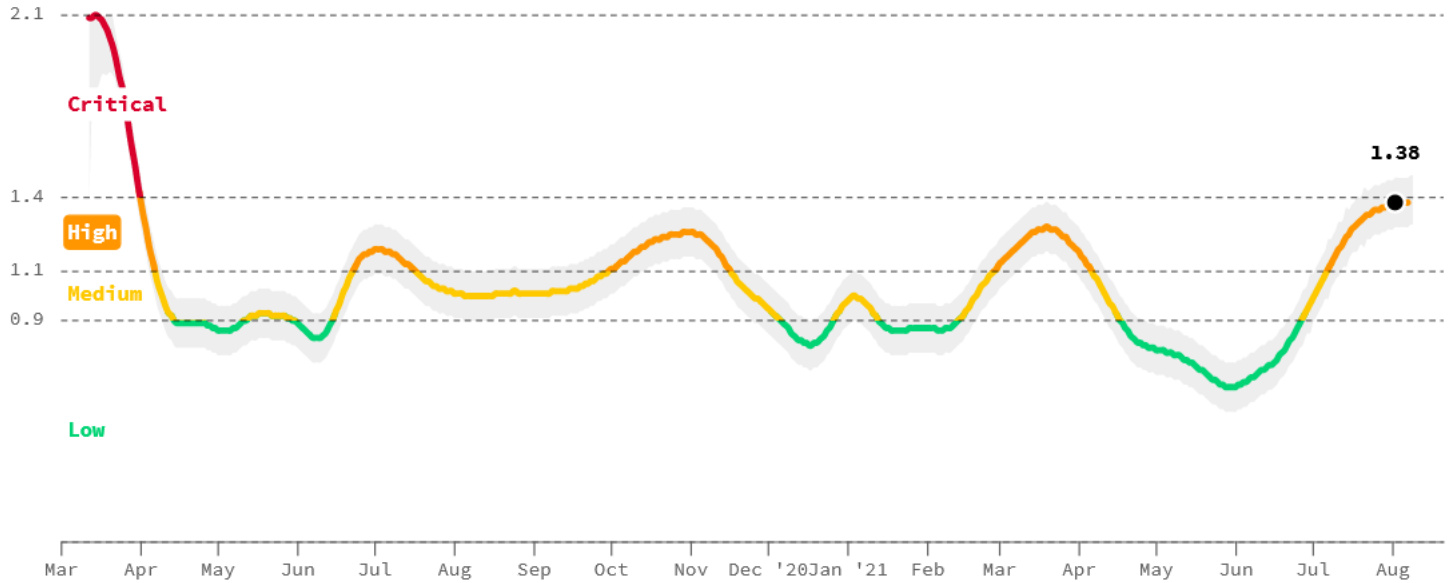
• **14.8** PER 100K

INFECTION RATE

• **1.38**

POSITIVE TEST RATE

• **6.6%**



On average, each person in Michigan with COVID is infecting 1.38 other people. As such, the total number of active cases in Michigan is growing. [About this data](#)

Share

Updated 8/10/2021

# Cases

DAILY NEW CASES

● **20.4** PER 100K

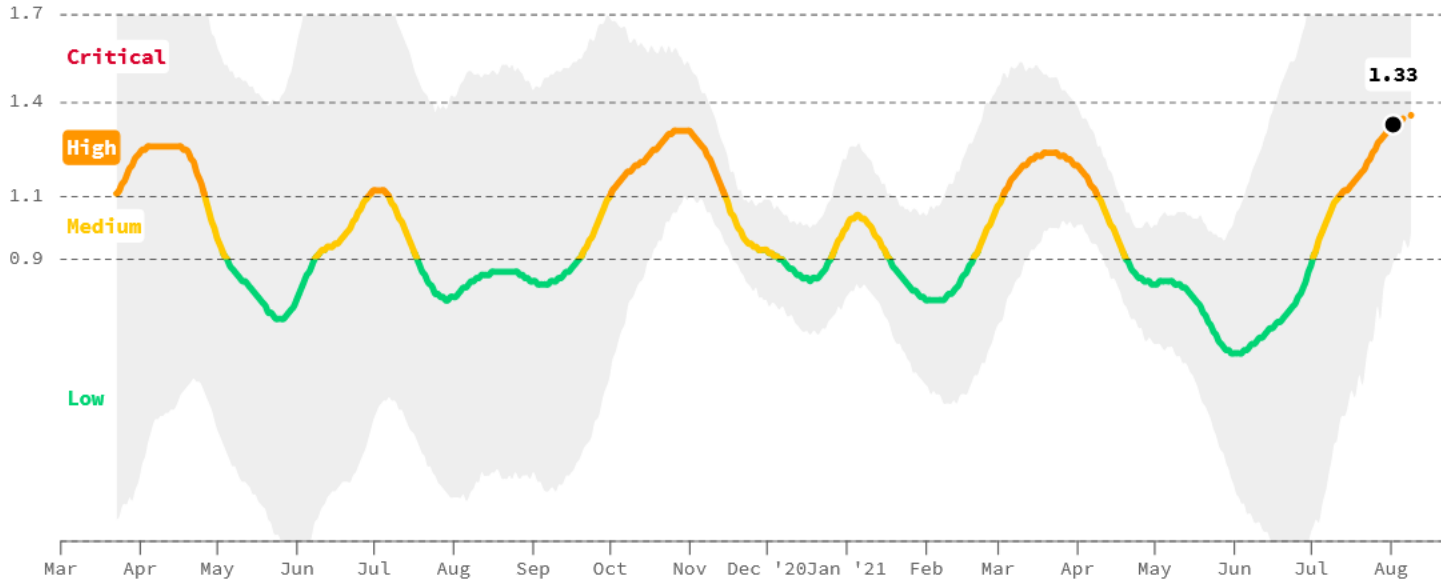
INFECTION RATE

● **1.33**

POSITIVE TEST RATE

● **8.1%**

← Calculated from 8/3/2021



On average, each person in Allegan County, Michigan with COVID is infecting 1.33 other people. As such, the total number of active cases in Allegan County, Michigan is growing. [About this data](#)

Share

Updated 8/10/2021

# TOOLS THAT HELP PREVENT COVID-19 IN SCHOOLS/BUSINESSES

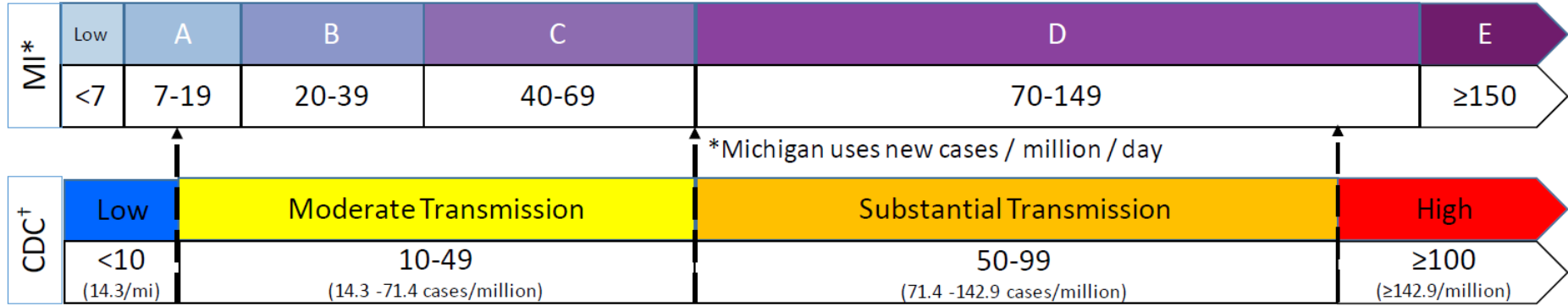


**What we are trying to do is to get the virus transmission level so low in the community that it can't continue to spread.**

- 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

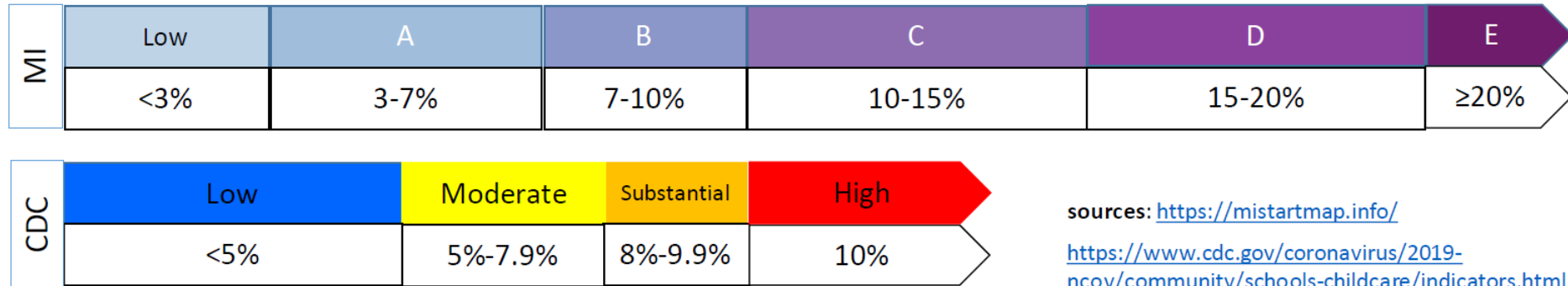
# Comparing CDC community transmission thresholds to MI levels

## 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 8/10/2021



## Test Positivity

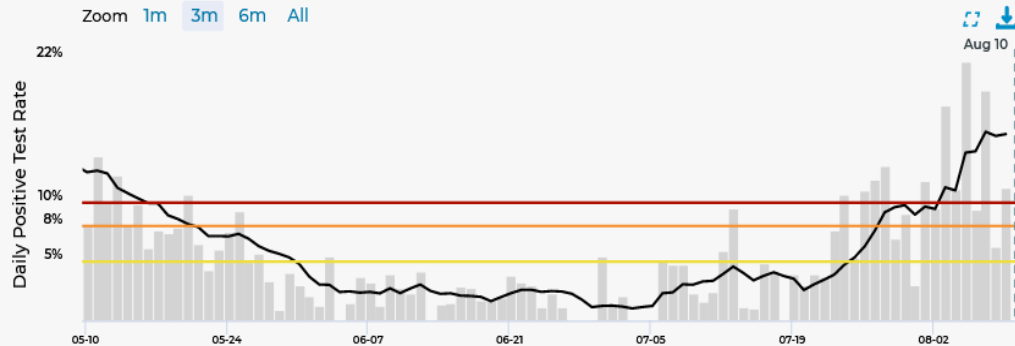
Aug 03 - Aug 10

15.7%  
positive tests

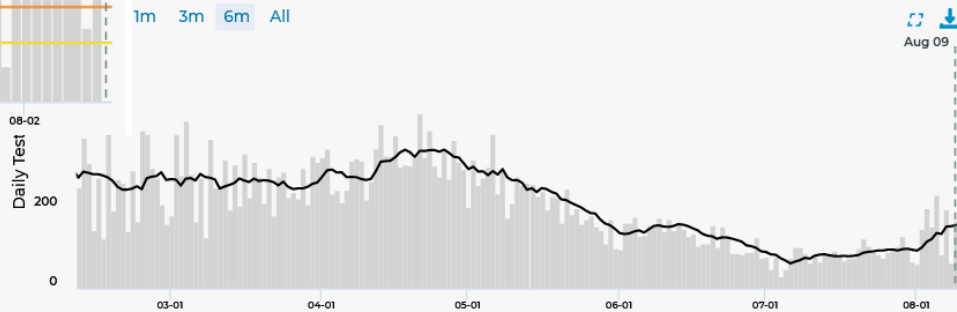


1k  
daily tests  
administered

Daily Positive Test Rate  
ALLEGHENY COUNTY



Daily Tests  
ALLEGHENY COUNTY



Risk Thresholds (% Positive)



Low: <5%



Moderate 5-<8%



Substantial 8-<10%



High >=10%

# New Cases, <https://mistartmap.info/>, Allegan County, data as of 8/10/2021



## New Cases

Aug 03 - Aug 10

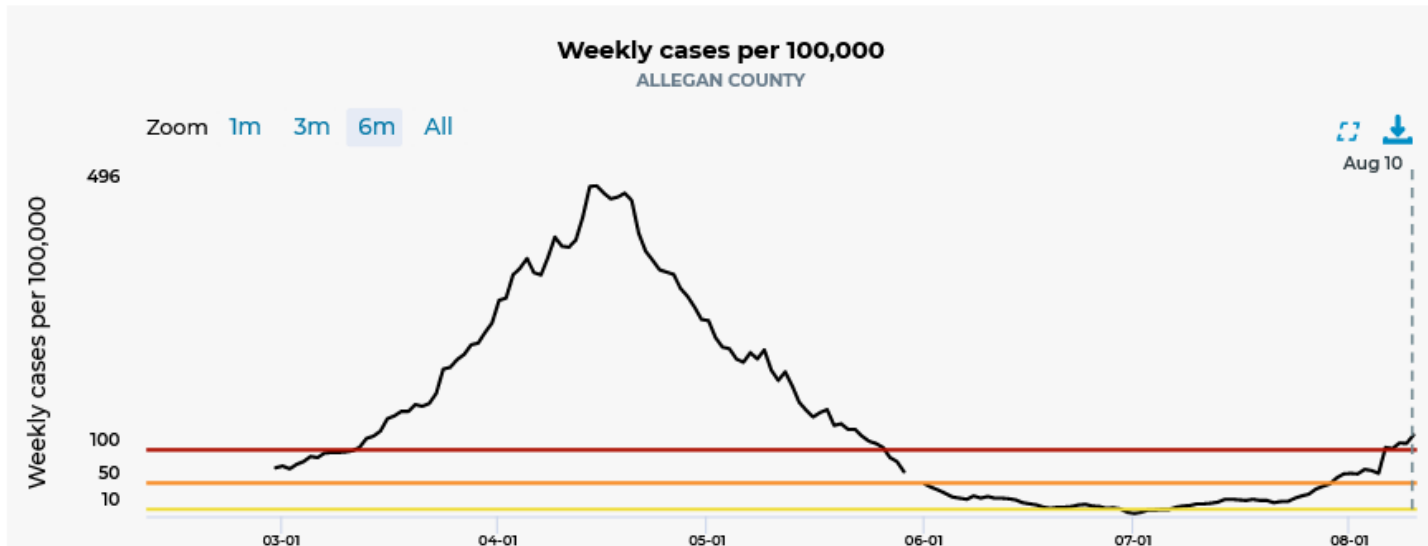
121.9

weekly cases per  
100,000 population



144

weekly cases



### Risk Thresholds (Cases per 100,000)



Low: <10



Moderate 10-49



Substantial 50-99



High  $\geq 100$



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

Allegan County, data as of 8/3/2021

AREA	REGION RISK LEVEL (JUL 20)	COUNTY RISK LEVEL (AUG 03)	DAILY CASES PER MIL. (AUG 03)	WEEKLY CASES PER 100,000 POPULATION (AUG 03)	CDC CASE TREND (AUG 03)	% POSITIVE TESTS (AUG 03)	POSITIVE TESTS (AUG 03)	% POSITIVE WEEKLY TREND (AUG 03)	DAILY TESTS PER MIL. (AUG 03)
<a href="#">Allegan</a>	D	D	125.1	70.2	↗	11.2%	9.4%	2w ↗	1,000.3
<a href="#">Barry</a>	D	D	102.2	79.6	→	9.1%	9.9%	5w ↗	1,091.8
<a href="#">Kalamazoo</a>	D	D	101.0	75.8	→	8.2%	8.0%	2w ↗	1,408.5
<a href="#">Kent</a>	C	C	61.3	53.4	↗	5.9%	5.5%	5w ↗	1,649.7
<a href="#">Ottawa</a>	C	C	77.4	45.9	↗	7.7%	7.0%	3w ↗	1,343.9
<a href="#">Van Buren</a>	D	D	110.0	68.7	→	9.9%	7.6%	2w ↗	1,332.3

# Epidemiologic Information, Allegan County

Overall	Percent
Healthcare Worker	6.2%
Live or work in high-risk/congregate facility	8.8%
First Responder	0.9%
Other Essential Worker/Critical Infrastructure	15.8%
Healthcare Contact to confirmed care	0.6%
Community Contact to confirmed case	10.1%
Household Contact to confirmed case	17.0%
<b>Total Cases: 11,397</b>	<b>Asymptomatic Cases: 13.0%</b>

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	14.3%
Associated with known cluster/outbreak	5.0%
Any Contact to confirmed case	29.3%
Healthcare contact to confirmed case	0.7%
Community contact to confirmed case	12.1%
Household contact to confirmed case	17.9%
Attended Community Event/Mass Gathering	2.9%
Any Travel (international, domestic, in state)	22.1%
Source of Infection is unknown	25.0%
<b>Number of cases reported in past 2 weeks: 140</b>	

## Breakdown of Cases by School Age Categories

Total Case Count	11397
Number of Cases <18 years	1665
% cases <18 years	14.6%

Data as of 8/4/2021.

Source: Michigan Disease Surveillance System

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases &lt;18 years</u>
	0-2 years	128	1.1%	7.7%
Pre-K age	3-4 years	83	0.7%	5.0%
K-5th grade age	5-10 years	424	3.7%	25.5%
6-8th grade age	11-13 years	321	2.8%	19.3%
9-12th grade age	14-17 years	709	6.2%	42.6%

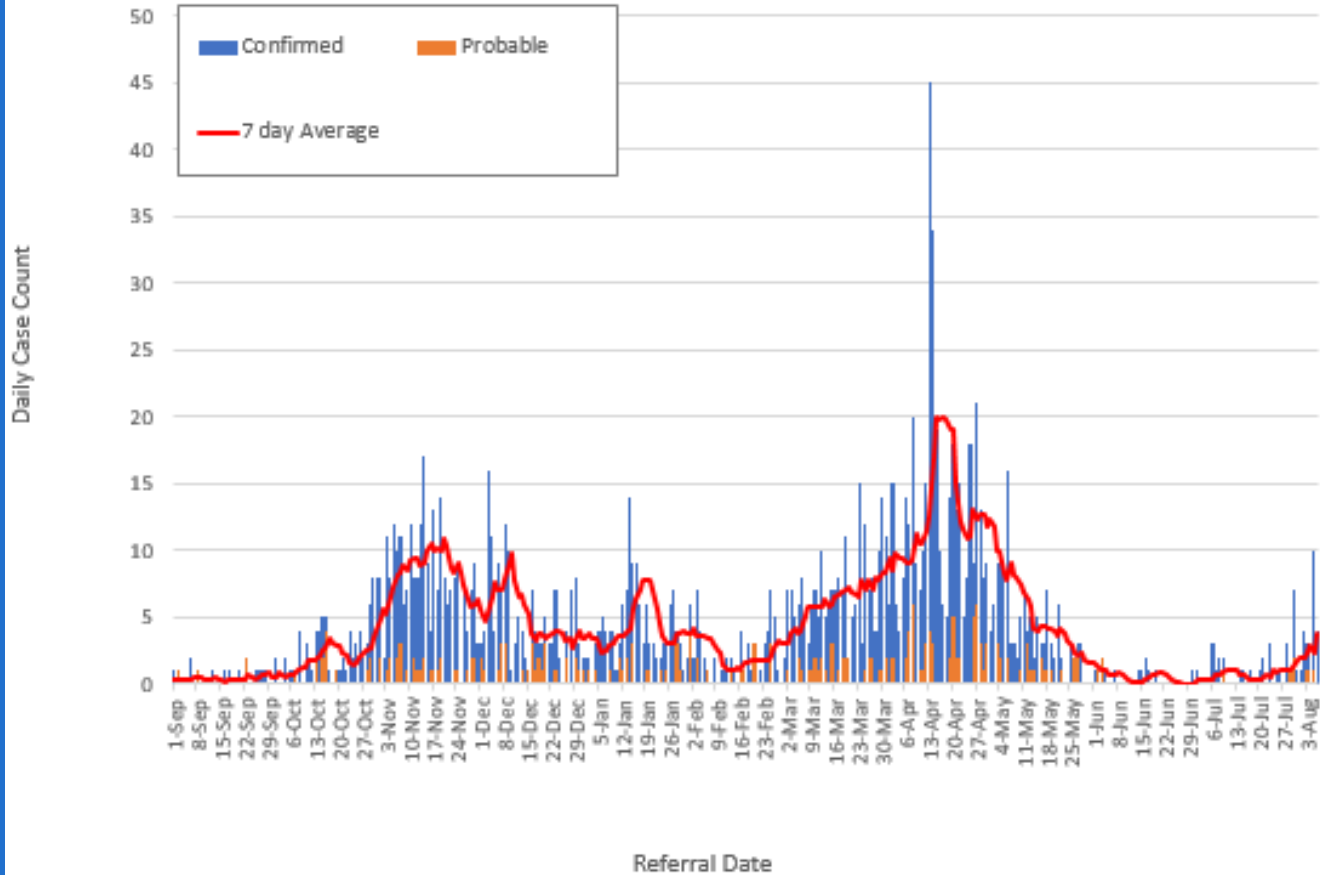
*\*Case counts are based on case ages, which have been grouped into approximate grade levels.*

*These counts may not reflect the actual grade level of cases.*

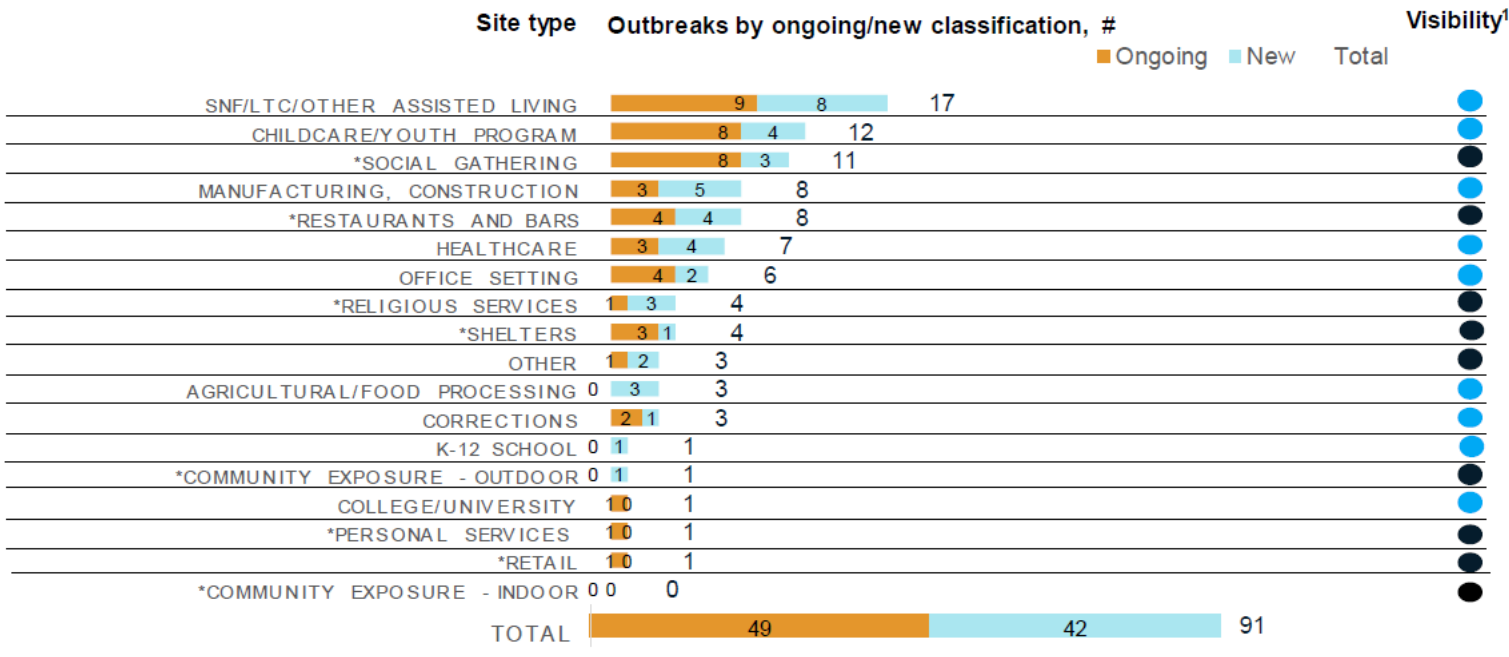
*To prevent double-counting of cases, the age brackets do not overlap.*

Case count by age, data from 7/23/21-8/4/21 (2 weeks)				
0-2 years	3-4 years	5-10 years	11-13 years	14-17 years
2	1	0	7	15

### Allegan County School Aged (3-17) Cases by Referral Date



# Number of outbreak investigations by site type, week ending Jul 29



● Easier to identify outbreak  
● Harder to identify outbreak

Total number of active outbreaks is up 112% from previous week, with 42 new outbreaks identified (21 more than last week)

SNF/LTC reported the greatest number of new outbreaks (8), followed by manufacturing/construction (5), childcare/youth programs, restaurants/bars, and healthcare (4 each), and nine 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

# Sufficient Health Care Capacity

Statewide Hospital Capacity Report for COVID-19 08/09/2021\*\*

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	1680	1663	1426	1047	1386	1028	222	118	187	112
Region 6	3208	2803	2896	2170	2473	1896	390	296	237	177

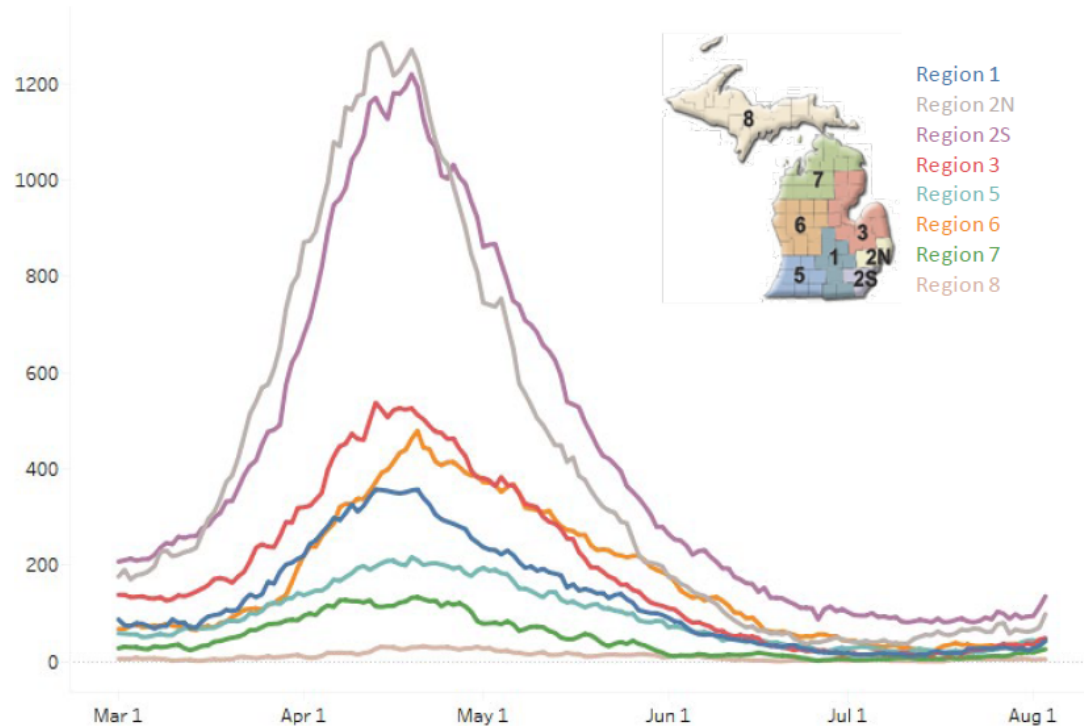
HCC Region	Region 5	Region 6
Total Hospitalized Adult Suspected/Confirmed	66	74
Adult Confirmed-Positive COVID	63	66
Hospitalized Peds Confirmed/Suspected	1	1
Hospitalized Ped Confirmed-Positive	0	1
Hospitalized and Ventilated COVID	2	15
Adult ICU Confirmed/Suspected COVID	17	24
ICU Adult Confirmed-Positive COVID	15	24
Prev Day COVID Related ED Visits	85	56

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

**COVID-19 Metrics**  
8/9/21, by HCC Region

# Statewide Hospitalization Trends: Regional COVID+ Census

Hospitalization Trends 3/1/2021 – 8/3/2021  
Confirmed Positive by Region



All regions except for Region 8 show increasing hospitalization trends this week. Region 7 showed a very large increase this week.

2 regions (Regions 2S and 7) are now at or above 50/M population hospitalized

Region	COVID+ Hospitalizations (% Δ from last week)	COVID+ Hospitalizations / MM
Region 1	44 (52%)	41/M
Region 2N	98 (23%)	44/M
Region 2S	135 (36%)	61/M
Region 3	48 (33%)	42/M
Region 5	41 (41%)	43/M
Region 6	43 (43%)	29/M
Region 7	25 (150%)	50/M
Region 8	4 (0%)	13/M

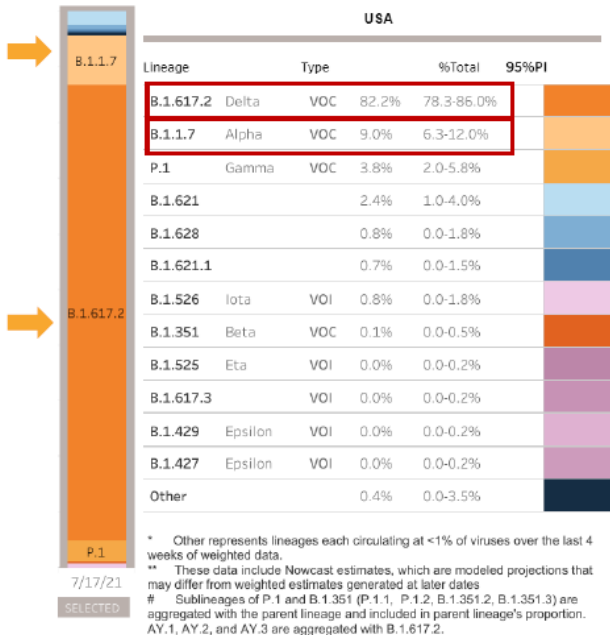
# Vaccine Works

- ▶ 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 August 4, there are 0.2% (**98/49,928**) reported vaccine breakthrough cases in Allegan County.
- ▶ Since January—
  - ▶ There have been 132 total hospitalizations
  - ▶ 5 fully vaccinated individuals were hospitalized
  - ▶ There's been 1 death in Allegan County from a fully vaccinated individual

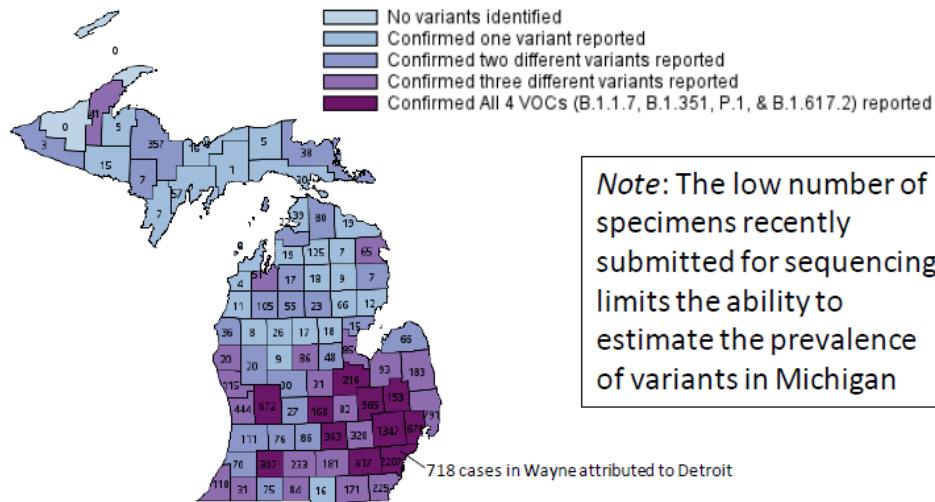


# Identified COVID-19 Cases Caused by All Variants of Concern (VOC) in US and Michigan

## SARS-CoV-2 Variants Circulating in the United States, Jul 4 – Jul 17 (NOWCAST)



## Variants of Concern in Michigan, Aug 3



Variant	MI Reported Cases <sup>†</sup>	# of Counties	CDC est. prevalence for MI
B.1.1.7 (alpha)	13,645*	81	NA
B.1.351 (beta)	85	24	NA
P.1 (gamma)	328	35	NA
B.1.617.2 (delta)	233 (↑145)	39 (↑13)	NA

\* 534 cases within MDOC; <sup>†</sup> 37 cases with county not yet determined

Data last updated Aug 3, 2021  
 Source: <https://covid.cdc.gov/covid-data-tracker/#variant-proportions> and MDSS

Allegan County has 111 reported cases of variants, with four different confirmed variants (as of 8/3/21)

## Variants, transmissibility, severity, and vaccine effectiveness

Strain	New WHO nomenclature	Transmissibility	Immune Invasiveness	Increased Severity	Vaccine effective at disease reduction?
Ancestral		-	-	-	✓
B.1.1.7	Alpha	~50% increased transmission	-	Increased hospitalizations and death	✓
B.1.351	Beta	~50% increased transmission	Reduced susceptibility to antibody treatment	-	✓
P.1	Gamma	-	Reduced susceptibility to antibody treatment	-	✓
B.1.427/B.1.429	Epsilon	~20% increased transmissibility	Modest decrease in susceptibility to monoclonal antibody treatment	-	✓
B.1.617.2	Delta	> 50% increased transmission	Reduced susceptibility to antibody treatment	Increased hospitalizations and death	✓

Source: CDC [https://www.cdc.gov/coronavirus/2019-ncov/variants/variant-info.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fcases-updates%2Fvariant-surveillance%2Fvariant-info.html](https://www.cdc.gov/coronavirus/2019-ncov/variants/variant-info.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fcases-updates%2Fvariant-surveillance%2Fvariant-info.html) World Health Organization, accessed June 8, 2021. <https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/>

# Delta Variant (B. 1.617.2)

- ▶ Delta is 200% more transmissible than original strain
- ▶ Delta also has a 1000% higher viral load, so more shedding of virus will happen
- ▶ Natural immunity not as strong as vaccine immunity against variant
  - ▶ Reinfection was 2 times more likely among unvaccinated compared to vaccinated.
- ▶ Recent data shows fully vaccinated can also transmit virus, so fully vaccinated individuals are encouraged to wear a mask in public spaces

# Mitigation Strategies are important to keep in place

- ▶ ACHD will not longer provide modified quarantine (related to business continuity of operations or individual financial hardships) for businesses who do not have strict mitigation strategies (mask wearing, social distancing, frequent handwashing, health screening/testing) in place.

# 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

**#DoYourPart**



HEALTH  
Department

# 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 <sup>1</sup> 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.

# Metrics/Risk Factors considered for Local Public Health Orders

NOTE: There is no "magic metric" when issuing local public health orders. There may also be additional items to evaluate when considering orders.



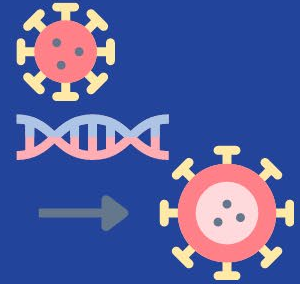
HEALTH  
Department

Level of Community Transmission
High
Substantial
Moderate
Low

CDC Levels of  
Community  
Transmission



Increase in  
Morbidity/  
Mortality



Variant present  
that is vaccine  
resistant



Vaccine percentage rate



Outbreaks present



Ongoing spread present



# Addressing Dr. Stock's presentation to Indiana School Board



- ▶ ***He starts off by saying “It’s hard to believe we are 18 months into this and still have a problem”.***
  - ▶ The amount of disinformation being spread from people like himself has directly impacted public health’s ability to effectively and efficiently respond to the pandemic. In 2020, the WHO coined this an [infodemic](#)- the overabundance of information and disinformation- that has caused confusion, anxiety, and an anti-science rhetoric.
- ▶ ***He describes himself as a “functional family medicine physician” which, according to him “means [he] is specially trained in immunology and inflammation regulation.”***
  - ▶ That is not what a functional family medicine physician does and misrepresents his training and expertise. The Cleveland Clinic Center for Functional Medicine defines functional medicine as a personalized, systems-oriented model that empowers patients and practitioners to achieve the highest expression of health by working in collaboration to address the underlying causes of disease. Also functional medicine is not a specialty recognized by the [American Board of Medical Specialties](#) nor the [American Medical Association](#).
- ▶ ***He argues that masks don’t work because viruses are small enough to pass through them.***
  - ▶ The problem with this reasoning is viruses do not travel as individual viral particles- they are inside the aerosols and droplets. That’s what the masks block. The Infectious Diseases Society of America (IDSA) has compiled the multitudinous, surfeit evidence demonstrating the effectiveness of masking [here](#)
- ▶ ***He states that all respiratory viruses wait for the “immune system to get sick in the winter”.***
  - ▶ The [seasonality of respiratory viruses](#) is a complex matter dependent on many factors, many of which have nothing to do directly with immunity. People tend to get sick more in the winter, not because of their immune system, but since they are driven indoors where there is less humidity and potentially poorer ventilation.

# Addressing Dr. Stock's presentation to Indiana School Board, cont.



- ▶ ***Stock states the vaccines make your immune system become “deranged.”***
  - ▶ We have near real-time safety data on vaccines and the risks (which are themselves exceptionally rare) are: [anaphylaxis 2.5-4.7 per million doses](#), [thrombosis with thrombocytopenia syndrome \(TTS\) with the JJJ vaccine at 3 per million doses](#), [Guillain-Barre syndrome at 7.8 per million doses of JJJ](#), and the rare cases of [myocarditis](#) whose rate is hard to define generally but goes up to ~7 per 100,000 second doses of the vaccine in younger males and is far lower for everyone else. COVID-19 patients on the other hand may have [substantial immunological challenges](#).
- ▶ ***Stock says the virus can't ever go away because it has animal reservoirs (zoonotic virus).***
  - ▶ This is not the whole truth. Certainly, barring a universal coronavirus vaccine that can be given to animals and ideally one that is itself transmissible, SARS-CoV-2 is not a viable [candidate for eradication](#) because it has animal reservoirs that can keep introducing it into the population. This does not mean that vaccination cannot alleviate the public health burden of COVID-19.
- ▶ ***Stock describes breakthrough cases during the summer and claims that this is proof the vaccine doesn't work.***
  - ▶ Firstly, [multiple respiratory viruses](#) are having out of season resurgence (e.g. [RSV](#)) which significantly weakens the argument. Also, many public health mandates have been lifted.



# Addressing Dr. Stock's presentation to Indiana School Board, cont.



- ▶ *Stock raises the matter of antibody-dependent enhancement, except he calls it “antibody-mediated viral enhancement.”*
  - ▶ This is disinformation. Firstly, he defines ADE incorrectly by suggesting it is exclusive to vaccines. ADE does not have to be caused by a vaccine to be ADE- in Dengue which is the major infection for which it's relevant it is almost always because of infection. We also have data on hundreds of thousands of people at this point who got convalescent plasma and it didn't make them worse. On top of that [animal studies](#) of the vaccines demonstrated protectiveness.
- ▶ *Stock brings up the [Barnstable County outbreak](#)*
  - ▶ He has ignored context and misrepresented data. We have no idea what the denominator here was. This is a classic example of [base rate bias](#). Provincetown has a [95% vaccination rate](#). If 74% of the cases were in vaccinated people, that gives vaccines 84% effectiveness.

# Addressing Dr. Stock's presentation to Indiana School Board, cont.



- ▶ *Stock references a mumps outbreak and claims that the outbreak was caused by vaccinated people shedding the mumps virus on the unvaccinated.*
  - ▶ There has never been a well-documented case of secondary transmission of vaccine strain mumps in the history of its use (referring to the Jeryl-Lynn strain used in the US).
- ▶ *Stock claims the trifecta of vitamin D, ivermectin, and zinc to treat 15 COVID patients.*
  - ▶ The issue is that given any representative sample of 15 people in the US population the most probable outcome of COVID-19 is recovery so this data is not meaningful (beyond the fact that this is anecdote). Furthermore recent data has emerged to indicate that much of the positive data regarding ivermectin may be the result of fraud. Stock also says that vaccination is appropriate only if there is no treatment. **Vaccination is a preventive measure, not a treatment.**
- ▶ *Stock asserts that patients who recovery from COVID-19 have no benefit from vaccination at all.*
  - ▶ This was explicitly demonstrated to be false in the recent CDC MMWR then which found the exact opposite- a significantly reduced risk of reinfection among those who got 2 doses after recovery by 2.34 times.

Sources: Your local epidemiologist: <https://yourlocalepidemiologist.substack.com/p/dr-stocks-presentation-is-filled>  
<https://www.deplatformdisease.com/blog/addressing-dr-daniel-stock-claims>

# COVID-19 Vaccine Updates

# Demand for Vaccine has decreased

- ▶ Allegan County is focusing on **Vaccine Convenient** using Mobile Clinic. For interested organizations, complete this [interest form](#).



# Allegan County VACCINE DATA

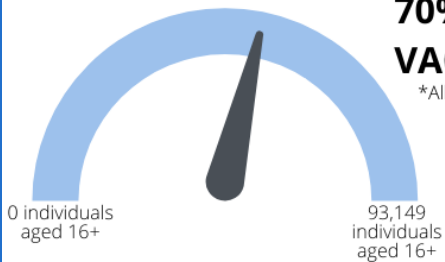
Updated 8/11/21  
Data as of 8/10/21

COVID-19  
Vaccine

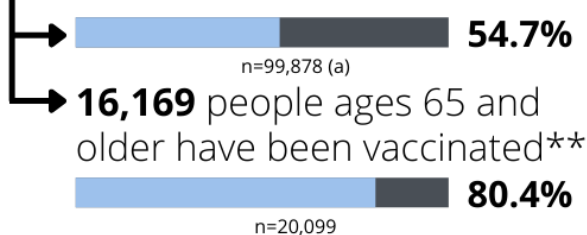
**56.6%**

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

\*Allegan County residents age 16+



As of August 10, **54,604** 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



**1 in 2** individuals are fully vaccinated (50.9%).



**Over 3 in 4** individuals aged 65 and older are fully vaccinated (77.2%).

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

Total Doses Distributed\*

**83,510**

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

Total Doses Administered\*

**100,378**

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

**PLANNED CLINICS**

**2**  
Clinics

August 8, 2021 to August 14, 2021

**50**  
First and second doses

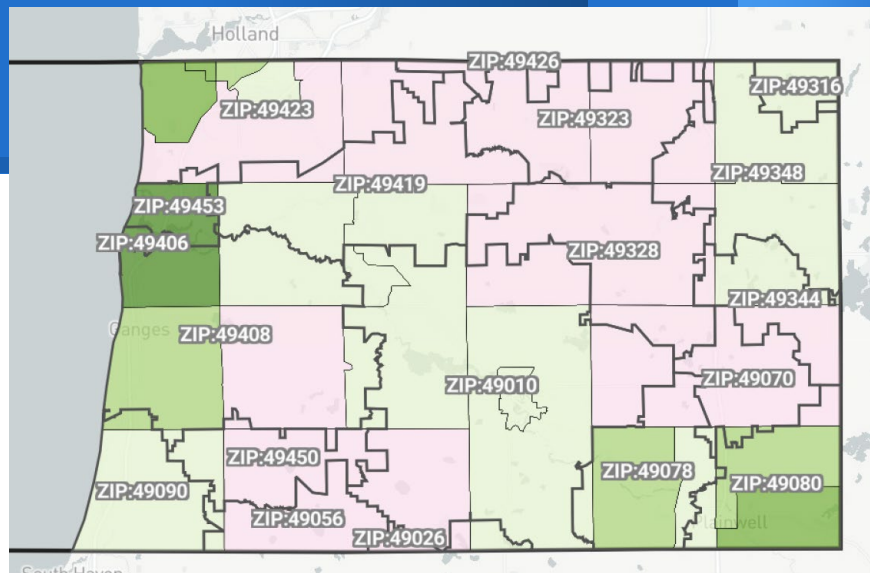
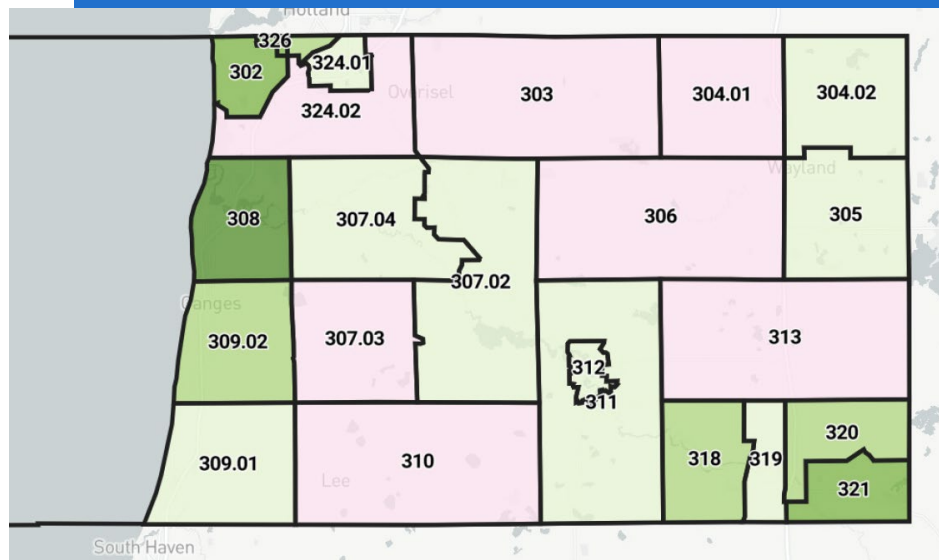
**Note:** Our goal of vaccinating 70% of the population accounted for the 16 and older population. With increasing the eligibility population, our vaccine coverage decreased. We are continuing to strive towards our goal of vaccinating 70% of residents 16 and older, which will reflect on the gauge at 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

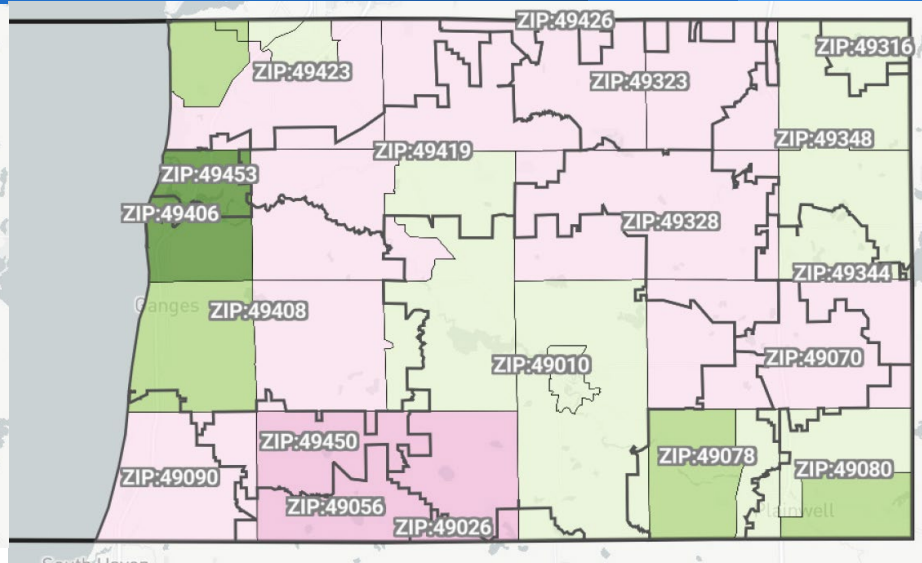
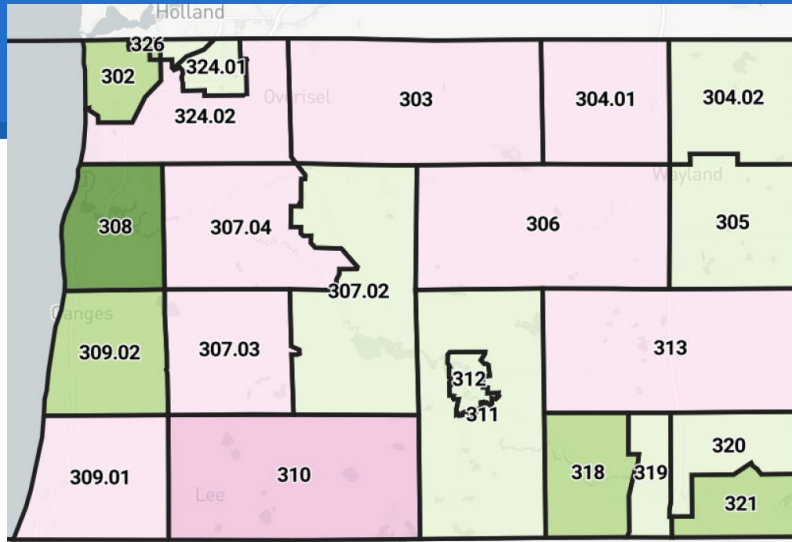
Data as of 8/10/21



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





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

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





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



## AUGUST VACCINE CLINICS



Make an appointment ahead of time by visiting [www.allegancounty.org/covid](http://www.allegancounty.org/covid)

**Friday, August 13 | 3:00pm-6:00pm**

Ladders of Hope, 717 E. Main St., Fennville (mobile)

**Saturday, August 14 | 9:00am-12:00pm**

Allegan High School

**Wednesday, August 18 | 10:00am-1:00pm**

Saugatuck Center for the Arts (mobile)

**Wednesday, August 18 | 4:30pm-6:30pm**

Martin High School (mobile)

**Friday, August 20 | 6:00pm-9:00pm**

1 Riverfront Plaza Allegan (mobile)

**Saturday, August 21 | 9:00am-12:00pm**

Allegan High School

**Thursday, August 26 | 11:00am-2:30pm**

Saugatuck High School (mobile)

**Thursday, August 26 | 5:30pm-7:00pm**

ACATEC, 2891 116th St., Allegan (mobile)

**Friday, August 27 | 11:00am-3:00pm**

Love INC Pullman, 943 56th St. (mobile)

**Saturday, August 28 | 9:00am-12:00pm**

Allegan High School

People can make an appointment ahead of time by visiting [www.allegancounty.org/covid](http://www.allegancounty.org/covid)

\*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.



**HEALTH  
Department**



**ACHD COVID-19 Updates  
are held on the 2<sup>nd</sup> and 4<sup>th</sup>  
Wednesday of every  
month.**



Questions?