

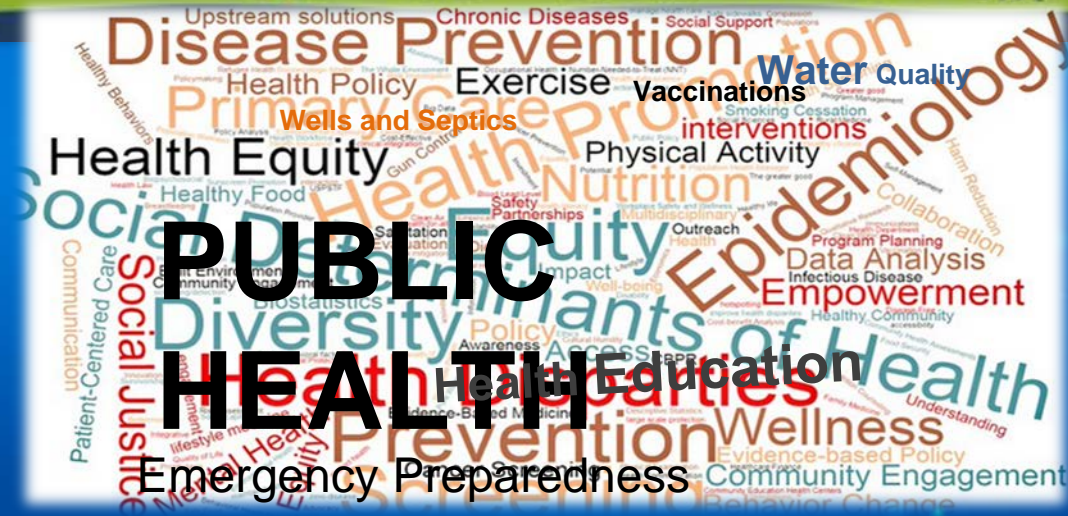
COVID-19 Update

November 18, 2020



HEALTH
Department

Public Health’s job is to prevent illness, protect vulnerable populations, and promote health for our communities. Access to essential public health services builds a healthy community. This is a BIG job without a pandemic!



Allegan County COVID-19 Dashboard

data as of 11/17/20 at 2pm

<https://alleganco.maps.arcgis.com/apps/opstdashboard/index.html#/c05e1ec6222944748968f351273b3d41>

Allegan County COVID-19 Dashboard

Currently Monitoring

659

Allegan County close contacts that are currently being monitored through TraceForce.

Last update: a few seconds ago

Total Monitored

4,666

Individuals that have been identified as a close contact to someone who has a lab confirmed or probable diagnosis of COVID-19, a COVID-19 test pending, or a potential travel exposure.

Last update: a few seconds ago

Recovered

1,147

per MDHHS definition

The number of persons with a confirmed COVID-19 diagnosis (either by lab or probable positive diagnosis) who are alive 30 days post-onset (or referral date if onset is not available).

Last update: a few seconds ago

Cases by ZipCode

Map showing COVID-19 cases by zip code in Allegan County. The map is color-coded by case density. Numerous zip codes are labeled with their respective case counts and the number of tests performed.

Negative Tests

50,071

Lab confirmed negative for COVID-19.

Last update: a few seconds ago

Total Hospitalizations

94

Total hospitalizations (since March 21); positive or probable COVID-19 diagnosed persons that have been hospitalized during their course of illness.

Last update: a few seconds ago

Percentage of All Cases by Sex

Sex	Percentage
Male	46.2%
Female	53.8%

Last update: a few seconds ago

Cases by Gender | Cases by Race | Cases by Ethnicity

Seven Day Moving Average of New Cases per Day

Average number of cases over the past seven days based on date referred to the health department.

Last update: a few seconds ago

Total Cases

2,958

Last update: a few seconds ago

COVID-19 related deaths

17

Deaths occurring within 30 days of diagnosis are counted as a COVID-19 related death.

Last update: a few seconds ago

COVID-19 Number of Cases by Age

Age Group	Number of Cases
0-9	100
10-19	350
20-29	480
30-39	450
40-49	460
50-59	500
60-69	350
70-79	200
80+	100

Last update: a few seconds ago

7-Day Moving Average of New Cases | New Cases per Day | Cumulative Cases and Deaths

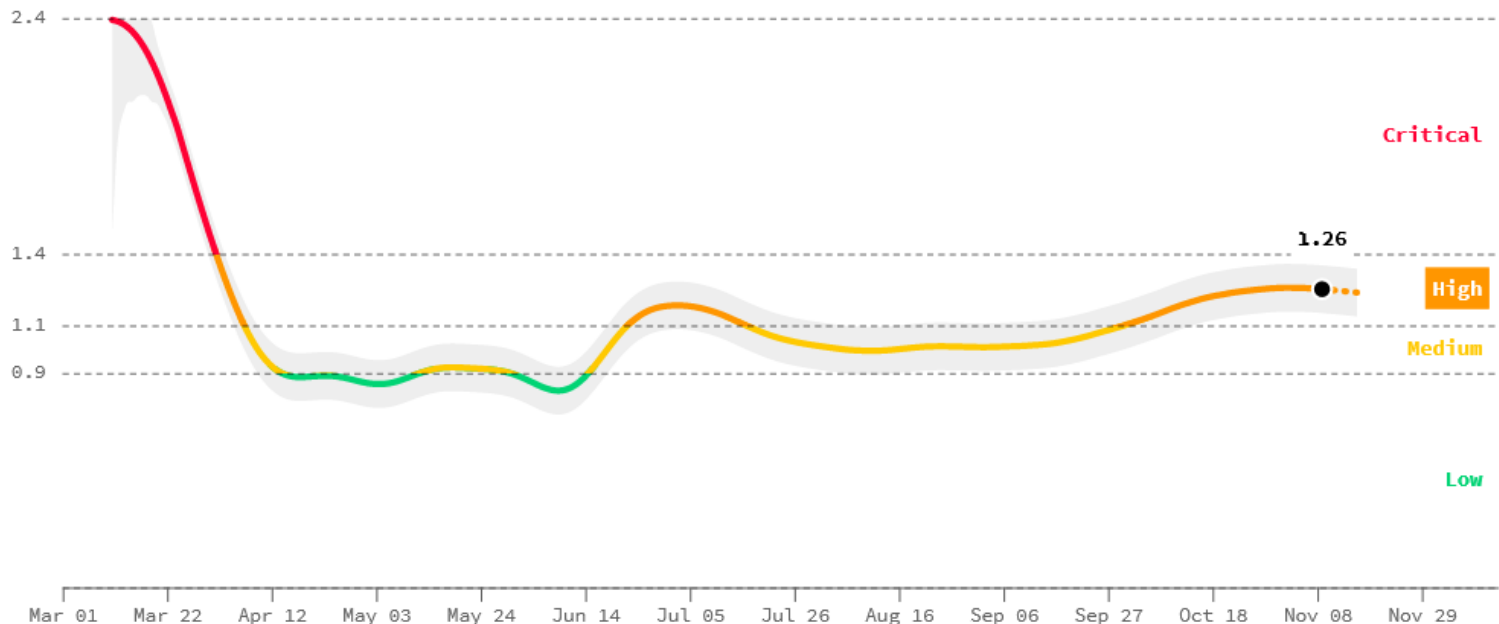
Infection rate

MICHIGAN

Save

Share

On average, each person in Michigan with COVID is infecting 1.26 other people. As such, the total number of active cases in Michigan is growing at an unsustainable rate. If this trend continues, the hospital system may become overloaded. Caution is warranted.



Last updated 11/17/2020. Each data point is a 14-day weighted average. We present the most recent seven days of data as a dashed line, as data is often revised by states several days after reporting. Learn more about [our methodology](#) and [our data sources](#).

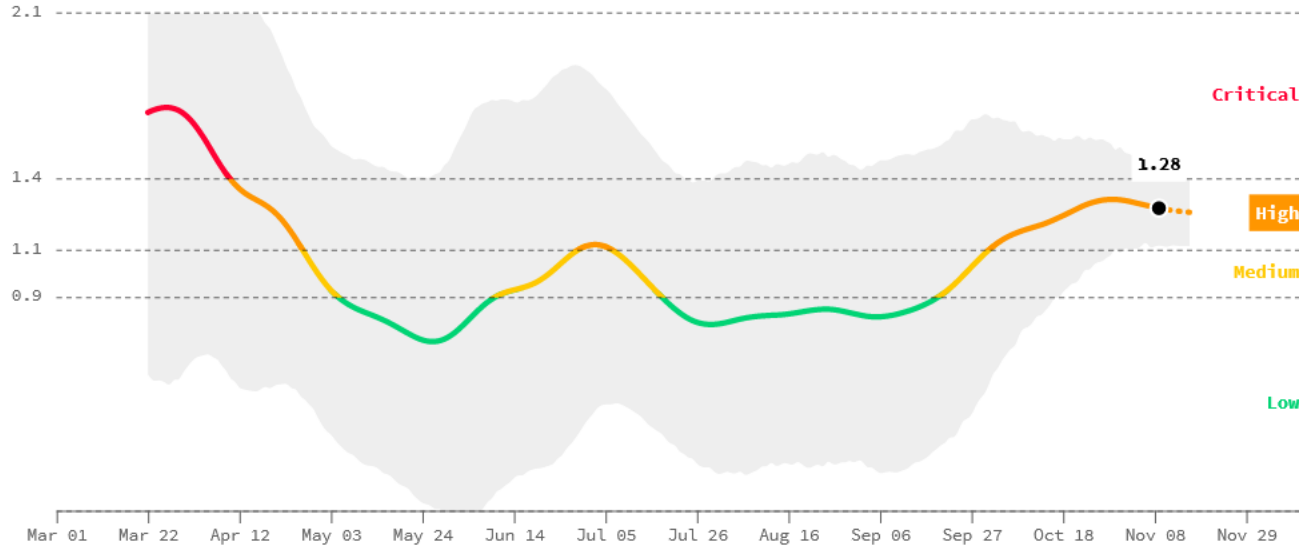
Infection rate

ALLEGAN COUNTY, MICHIGAN

Save

Share

On average, each person in Allegan County, Michigan with COVID is infecting 1.28 other people. As such, the total number of active cases in Allegan County, Michigan is growing at an unsustainable rate. If this trend continues, the hospital system may become overloaded. Caution is warranted.

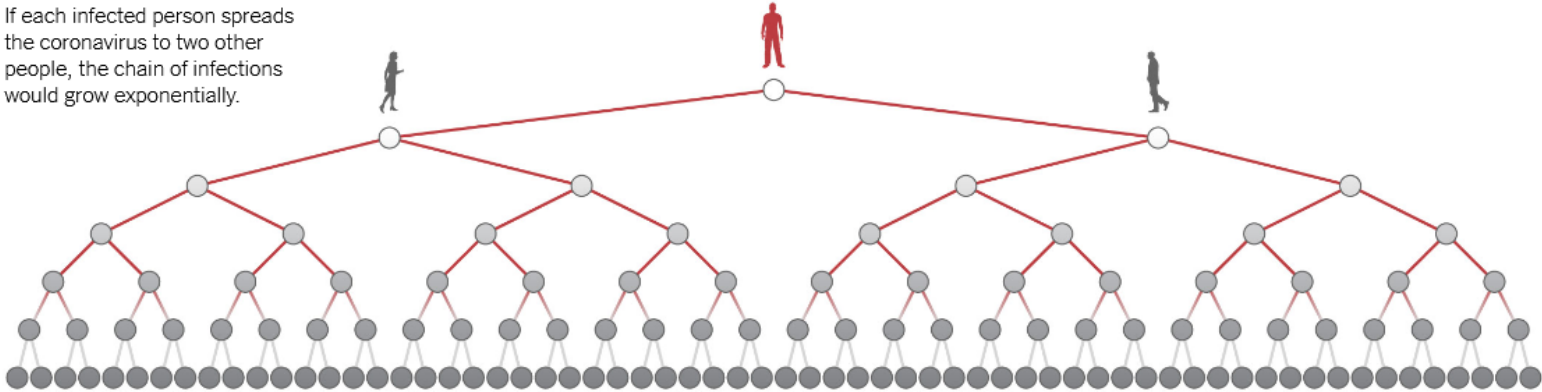


Last updated 11/17/2020. Each data point is a 14-day weighted average. We present the most recent seven days of data as a dashed line, as data is often revised by states several days after reporting. Learn more about [our methodology](#) and [our data sources](#).

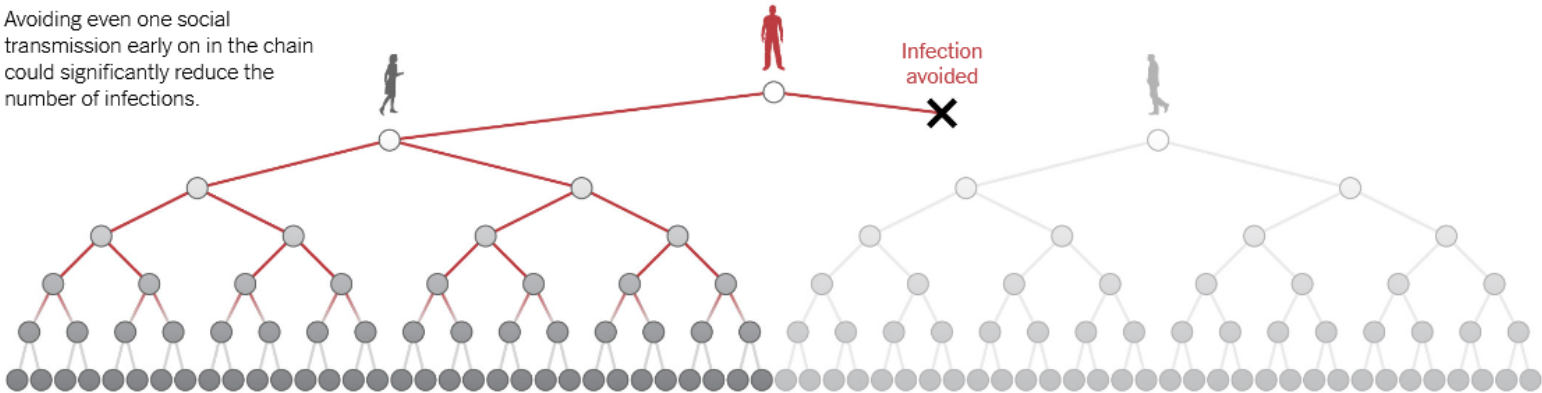
Cutting a Link in the Chain of Transmission

A simple tree diagram shows how limiting contacts early might prevent many infections.

If each infected person spreads the coronavirus to two other people, the chain of infections would grow exponentially.



Avoiding even one social transmission early on in the chain could significantly reduce the number of infections.



By Jonathan Corum

Source: [New York Times](#), "You Can Help Break the Chain of Transmission" published March 19, 2020. Image by Jonathan Corum

COVID-19 Mass Testing and Containment

MITIGATION ROADMAP



INCIDENT ACTION PLAN OBJECTIVES

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

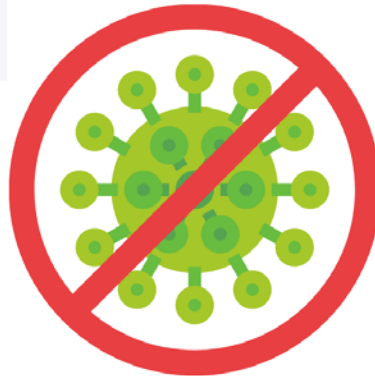
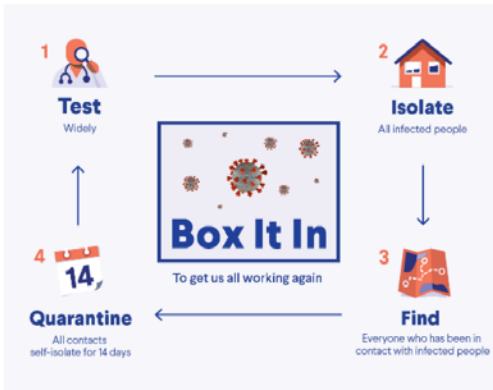
Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
2. Prepare, mitigate, and recover from widespread transmission in Allegan County

STATE & LOCAL ORDERS

Michigan Public Health Code



EPIDEMIOLOGICAL MODEL





HEALTH Department

COVID- 19 Mitigation Strategies

Community Vaccination and/or Herd Immunity
Plan for clinics and evaluate whether protective measures (non-pharmaceutical interventions) can be lifted

Best Practices for Organizations
Face Coverings, Social Distancing, Environmental, Administrative Controls, Case and Contract Tracing and enforcement or orders as necessary.

Sufficient Health Care Capacity

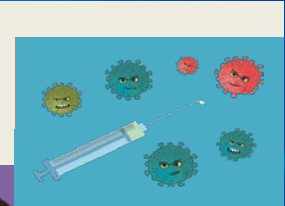
Ensure hospitals have resources to treat those with COVID-19 and non COVID-19 health care needs.

Robust Case Investigation and Contact Tracing

Foundation to containment of the virus until a vaccine is available. Case Investigation starts immediately and all contacts are attempted to be contacted and put on quarantine within 24 hrs. .

Enhanced Ability to Test

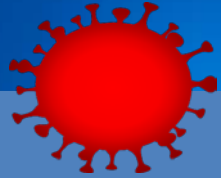
Testing congregate care (jails, nursing homes, etc.), community wide testing, and testing of communities of vulnerabilities, clusters and outbreaks.





HEALTH Department

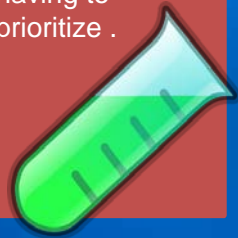
Challenges in Responding



It is a novel virus and guidance is ever changing. Keeping staff and community leaders and members updated as that guidance changes can be challenging.



Having scalable resources while still having to do other public health services. Constantly having to prioritize .



Timely Case investigation and contact tracing and getting people to understand the reason why it is so important to isolate/quarantine to disrupt the transmission.



Managing a response for a community that is incredibly divided on what the proper response should be.



Collaborate with a vast array of organizations within different sectors on mitigations measures and technical assistance as needed.

Enhanced Ability to Test

COVID-19 TESTING EVENT



FREE COVID-19 testing (not antibody test)

Available to individuals of any age*, regardless of symptoms.

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

*Children under the age of 5 may be turned away. Please call 269-686-4546 closer to the event.

No insurance needed | No doctor's note needed
Pre-register using the QR code below



Saturday, November 21 | 10:00am-1:00pm

Allegan County Transportation Building | 750 Airway Dr., Allegan

****Offering no-cost flu vaccine for uninsured/ under-insured adults (19 years of age and older) at event.****

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

Tests

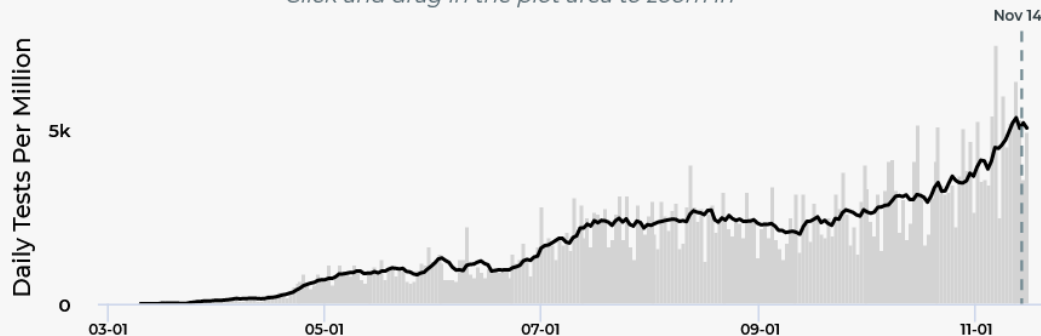
5.2k
daily per million *

601.1
daily tests
administered *



Allegan County Daily Tests Per Million Over Time

Click and drag in the plot area to zoom in

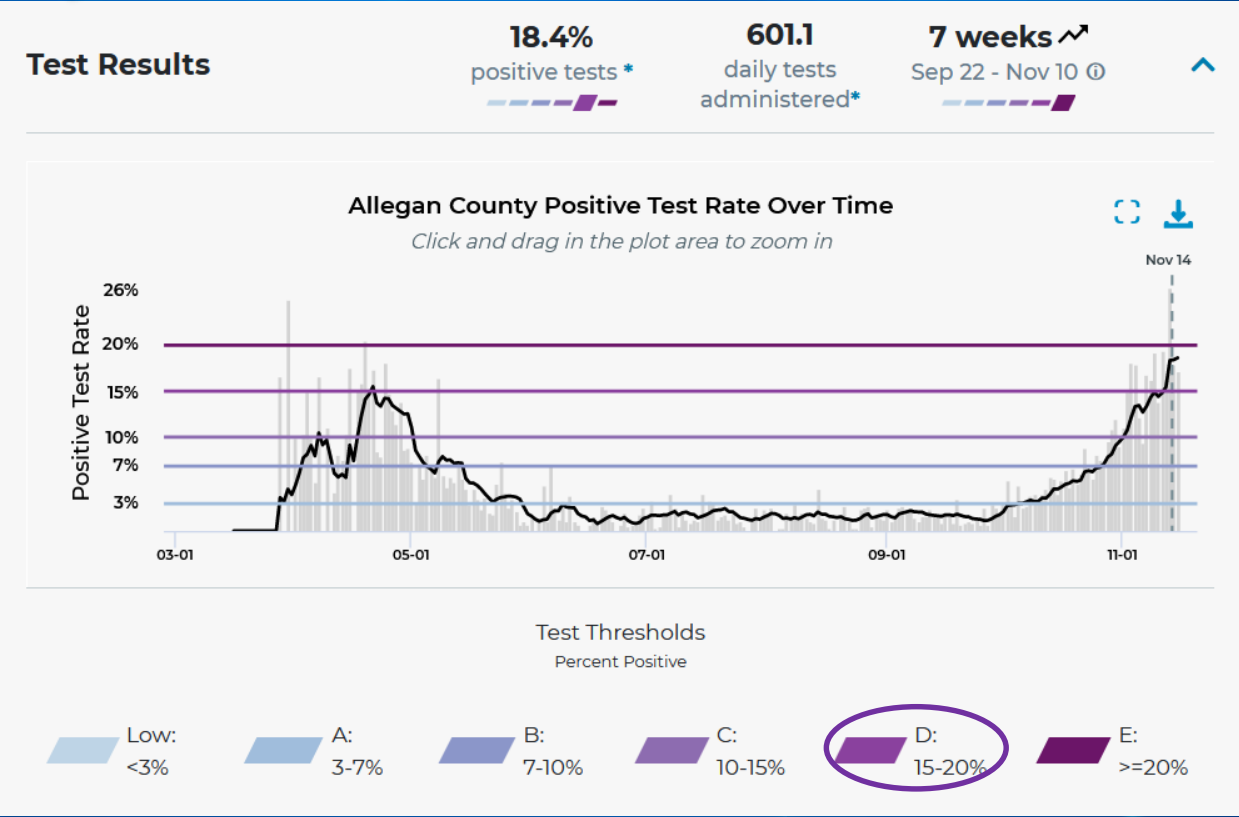


Data as of 11/14/20

► www.Michigan.gov/coronavirustest

Enhanced Ability to Test

Allegan County, data as of 11/14/20



Alleghen County, New Cases (data as of 11/14/20)

New Cases

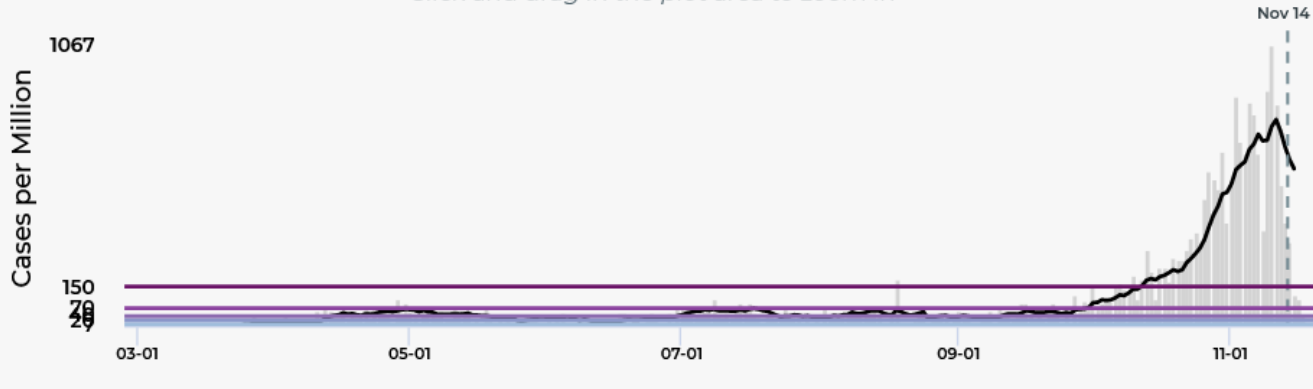
632.2
daily/ million *

72.9
daily *

9 weeks ↗
Sep 8 - Nov 10 ⓘ

Alleghen County Cases Per Million Over Time

Click and drag in the plot area to zoom in



Cases Thresholds
Per Million Per Day



Comparison with neighboring counties

As of 11/17

Based on data from 11/10

Based on data from 11/15

Risk Levels



Features Overview * Over previous 7 days

AREA	TYPE	REGION RISK LEVEL	COUNTY RISK LEVEL	DAILY CASES*	DAILY CASES PER MIL.*	CASES WEEKLY TREND	DAILY TESTS*	DAILY TESTS PER MIL.	% POSITIVE TESTS*	TESTS WEEKLY TREND	MI SYMPTOMS SURVEYS	MI SYMPTOMS AT RISK
Allegan	County	-----■	E	87.3	757 ■	9w ↗ ■	583.9	5,066.0	18.6% ■	7w ↗ ■	107	3.7%
Barry	County	-----■	E	44.6	742 ■	3w ↗ ■	255.1	4,248.3	16.4% ■	3w ↗ ■	101	4.0%
Kalamazoo	County	-----■	E	137.7	526 ■	13w ↗ ■	1,535.3	5,869.4	12.7% ■	3w ↗ ■	454	2.4%
Kent	County	-----■	E	599.0	931 ■	9w ↗ ■	4,800.6	7,464.3	16.6% ■	9w ↗ ■	593	3.4%
Ottawa	County	-----■	E	307.7	1,083 ■	6w ↗ ■	2,188.9	7,706.3	17.0% ■	7w ↗ ■	186	2.2%
Van Buren	County	-----■	E	54.4	723 ■	7w ↗ ■	538.1	7,149.3	15.8% ■	8w ↗ ■	69	2.9%

Why do we share data on a per million level?

- ▶ As public health, we have to be able to compare “apples to apples” to understand not only what is happening in our area, but also areas surrounding us. It allows us to compare new cases per day in our area (prevalence of the virus in communities) to other communities with vastly different populations.
- ▶ # daily new cases / Allegan County population * 1,000,000,000
- ▶ Visit mistartmap.info for other scale breakdowns of local data.

WORKING TOGETHER TO CURB THE SPREAD



We need to work together to lessen the impact of COVID-19 on our community and economy, and also minimize the number of deaths related to the virus.

Everyone has a part to play.



IF YOU TEST POSITIVE FOR COVID-19



Start isolating right away. Stay home except for medical care. Let your employer know you have COVID-19.



Notify your close contacts so they can start to quarantine themselves.

- Close contacts = those who were within 6 feet for more than 15 minutes total in a 24 hour period, when the person was contagious.
- Contagious = starts 2 days before symptoms appear (or 2 days before positive test, if no symptoms), through the end of the isolation period.



Complete the ACHD self-reporting form based on your situation. Forms can be found on www.allegancounty.org/health

THE ALLEGAN COUNTY HEALTH DEPARTMENT WILL CONTACT:

Individuals who are 65 years and older, especially those with chronic underlying conditions

Individuals who are 22 years and younger, especially those attending school in-person

Individuals residing in congregate living environments, such as long-term care facilities



- ▶ Public Health has reached its capacity with case investigations and needs your help.
- ▶ If someone tests positive or has been recently exposed to the virus do NOT expect a call from the Health Department. Instead:
- ▶ If you receive a positive COVID test result isolate for a minimum of 10 days from the start of your symptom(s) or your positive test date if you didn't have symptoms. (<https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/isolation.html>)
- ▶ Notify your close contacts that they may have been exposed and encourage them to quarantine for 14 days from their last date of contact with you. (<https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/quarantine.html>)
- ▶ If you know you are a close contact, start self-quarantine.
- ▶ Complete the self-reporting form based on your situation:
 - ▶ If you test positive, complete this “I tested positive” form. https://allegancounty.iad1.qualtrics.com/jfe/form/SV_bllp1Y8ppoO4Xdz
 - ▶ If you have a known exposure, complete this “I have been exposed” form. https://allegancounty.iad1.qualtrics.com/jfe/form/SV_aaQPj43sOw_dQyh

Epidemiologic Information, Allegan County

Overall	Percent
Healthcare Worker	8.9%
Live or work in high-risk/congregate facility	6.7%
First Responder	1.3%
Other Essential Worker/Critical Infrastructure	17.3%
Healthcare Contact to confirmed care	1.0%
Community Contact to confirmed case	13.5%
Household Contact to confirmed case	17.6%
Total Cases: 3024	

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	26.1%
Associated with known cluster/outbreak	3.2%
Any Contact to confirmed case	19.7%
Healthcare contact to confirmed case	0.5%
Community contact to confirmed case	8.6%
Household contact to confirmed case	11.0%
Attended Community Event/Mass Gathering	2.6%
Any Travel (international, domestic, in state)	4.3%
Source of Infection is unknown	28.6%
Number of cases reported in past 2 weeks: 1327	

Data as of 11/18/2020. Source: Michigan Disease Surveillance System

Clinical Information

Asymptomatic Cases: 14.5%



Symptoms	Percent
Fatigue/Lethargy/Weakness	66.7%
Cough	64.1%
Fever	51.2%
Chills	45.0%
Shortness of Breath	20.3%
Difficulty Breathing	14.0%
Muscle Aches (Myalgia)	53.1%
Headaches	64.7%
Runny Nose	45.3%
Nausea	21.3%
Congestion	53.5%
Sore Throat	39.3%
Diarrhea	23.3%
Loss of taste	40.5%
Loss of smell	39.2%

Data as of 11/18/2020.

Source: Michigan Disease Surveillance System

Breakdown of Cases by School Age Categories

Total Case Count	3024	Data as of 11/17/2020.
Number of Cases <18 years	335	Source: Michigan Disease Surveillance System
% cases <18 years	11.1%	

<u>Approximate Grade Level</u>	<u>Age</u>	<u>Case Count*</u>	<u>% total cases</u>	<u>% cases <18 years</u>
	0-2 years	28	0.9%	8.4%
Pre-K age	3-4 years	23	0.8%	6.9%
K-5th grade age	5-10 years	74	2.4%	22.1%
6-8th grade age	11-13 years	58	1.9%	17.3%
9-12th grade age	14-17 years	152	5.0%	45.4%

**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 11/10/2020 to 11/18/2020

0-2 years	3-4 years	5-10 years	11-13 years	14-17 years
8	8	32	20	66

Isolation V. Quarantine: What's the difference?

ISOLATION

people who have **COVID-19**
(tested positive or given
probable diagnosis)



What to do:

- Stay home, except to get medical care
- Separate yourself from others
- Wear a mask
- Clean all "high touch" surfaces frequently

When can you be around others?

You can be around others after:

- 10 days since symptoms first appeared and
- 24 hours with no fever without the use of fever-reducing medications and
- Other symptoms of COVID-19 are improving*

*Loss of taste and smell may persist for weeks or months after recovery and need not delay the end of isolation



QUARANTINE

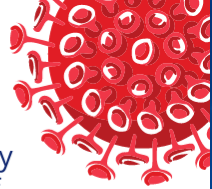
people who have **been exposed**
to **COVID-19**, but are **not sick**

What to do:

- Stay home for 14 days after your last contact with a person who has COVID-19
- Watch for fever (100.4 F, cough, shortness of breath, or other symptoms of COVID-19)
- Wear a mask
- If possible, stay away from others, especially people who are at higher risk for getting very sick from COVID-19

When can you be around others?

- 14 days after your last contact with the associated COVID-19 case
- **You cannot test out of a quarantine period**
 - Symptoms may appear 2-14 days after exposure to the virus
 - Early in incubation period, viral loads may not be high enough to produce positive test result



Who might be a close contact?

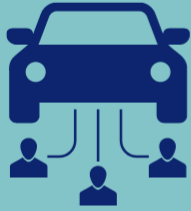
Version:10/14/2020

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

Mitigation strategies work!

COVID-19 and other infectious diseases. Identifying close contacts (or those that were within 6 feet for 15 or more minutes) is another key way we can slow the spread and quarantine those who may be exposed.

Everyday practices such as frequent hand washing, social distancing, properly wearing masks, and staying home when sick help all of us slow the spread of



CAR POOL BUDDIES

Co-workers driving to a destination in the same car can be close contacts if they are within 6ft of one another for 15+ minutes.

If wearing masks, the social distancing rule still applies. Scientists and doctors agree that masks and face coverings can help to reduce the spread by about 70 percent, but that doesn't cancel social distancing.



CUSTOMERS/CLIENTS

Customers or clients that shared time in an office and were within 6 feet of someone with COVID-19 for 15+ minutes.

If wearing masks, the social distancing rule still applies. Scientists and doctors agree that masks and face coverings can help to reduce the spread by about 70 percent, but that doesn't cancel social distancing.



LUNCH MATES

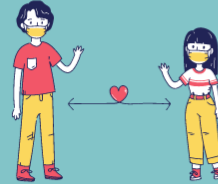
Lunch mates of person with COVID-19 if sitting within 6 feet for 15+ minutes. This is a higher risk time as face masks cannot be worn.

CUBICLE MATES

If your office space is an open concept and there are no barriers set up or social distancing is not maintained, those around a COVID-19 case would be considered a close contact.



*Public health authorities may determine that distances beyond 6 feet or less than 15 minutes can still result in high-risk exposures based on other considerations and circumstances in each particular case.



OTHERS

Any others that had interactions with someone with COVID-19 lasting over 15 minutes in confined areas such as bathrooms, office room, or meeting rooms where distancing of 6* feet is difficult to maintain.



Sufficient Health Care Capacity

Statewide Hospital Capacity Report for COVID-19* 11/17/2020**

	Hospital Beds	Adult Hospital Beds	Hospital Inpatient Beds	Hospital Inpatient Bed Occupancy	Adult Hospital Inpatient Beds	Adult Hospital Inpatient Bed Occupancy	ICU Beds	ICU Bed Occupancy	Adult ICU Beds	Adult ICU Bed Occupancy	Total Ventilators	Mechanical Ventilators in use
Region 5	1,551	1,534	1,335	1,139	1,318	1,121	194	132	159	129	304	49

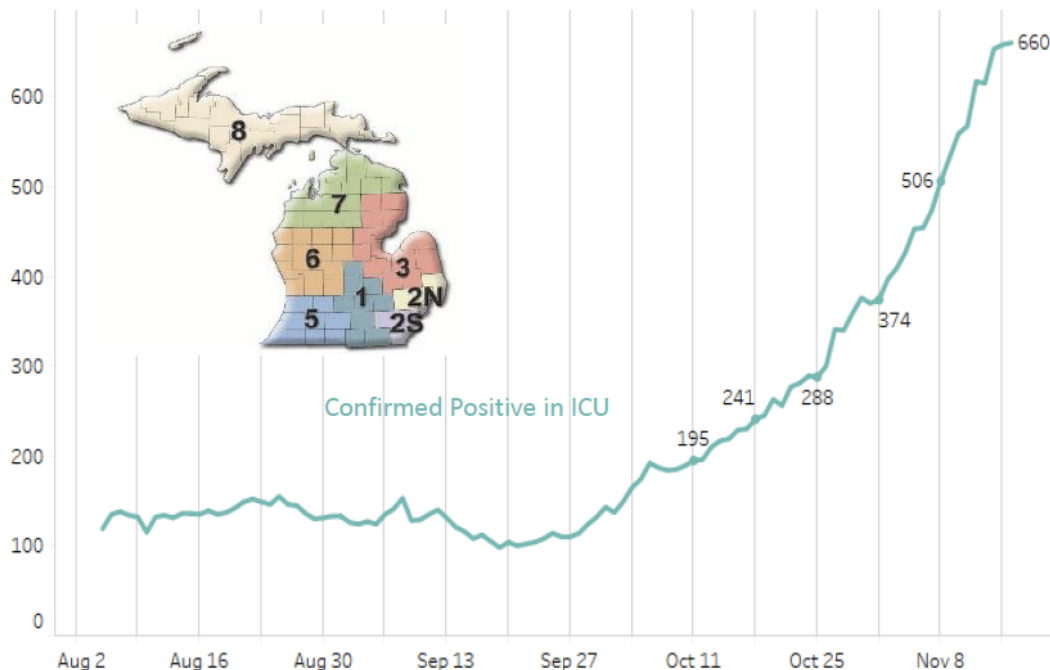
COVID-19 Metrics
11/17/2020, by HCC Region

HCC Region	Region 5
Total Hospitalized Adult Suspected/Confirmed	273
Adult Confirmed-Positive COVID	266
Hospitalized Peds Confirmed/Suspected	0
Hospitalized Ped Confirmed-Positive	0
Hospitalized and Ventilated COVID	13
Adult ICU Confirmed/Suspected COVID	42
ICU Adult Confirmed-Positive COVID	41
Prev Day COVID Related ED Visits	187



Statewide Hospitalization Trends: ICU COVID+ Census

Hospitalization Trends 8/1/2020 – 11/15/2020
Confirmed Positive in ICUs



COVID+ census in ICUs increased by 30% this week
Doubling time is 2.5 to 3 weeks

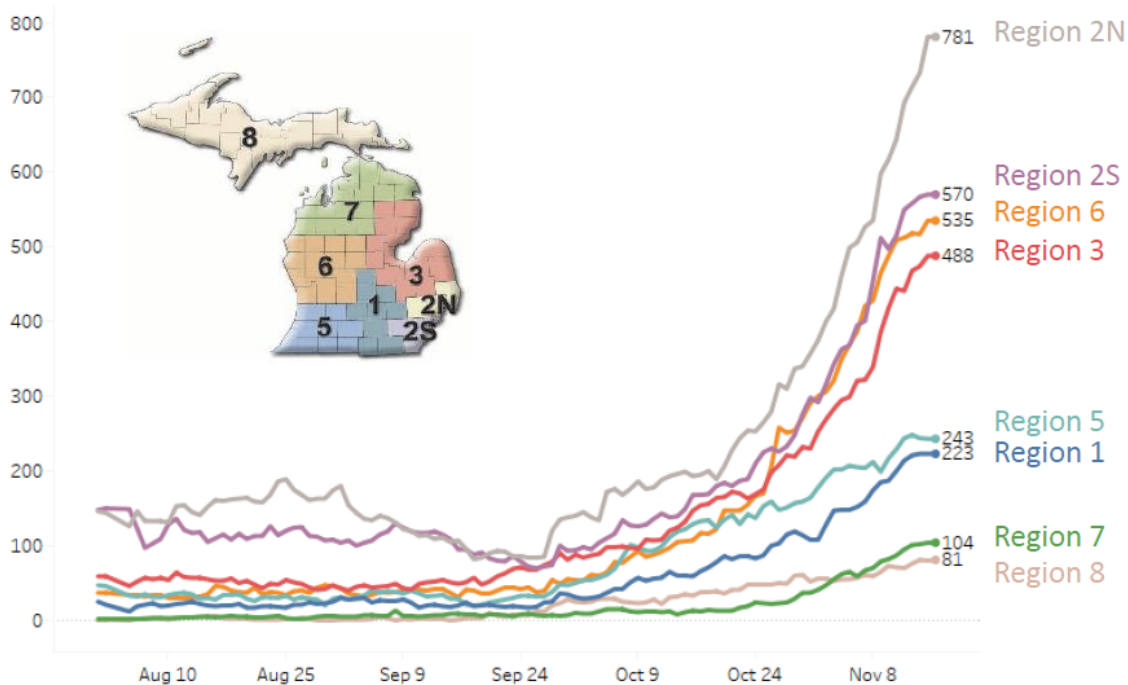
Statewide 27% of Adult ICU beds are occupied with COVID+ patients

5/8 Regions are over 30% of Adult ICU beds occupied with COVID+ patients

Region	Adult COVID+ in ICU	Adult ICU Occupancy	% of Adult ICU beds COVID+
Region 1	61	89%	31%
Region 2N	109	83%	20%
Region 2S	125	83%	17%
Region 3	110	89%	31%
Region 5	41	83%	26%
Region 6	118	80%	42%
Region 7	68	75%	39%
Region 8	28	86%	48%

Statewide Hospitalization Trends: Regional COVID+ Census

Hospitalization Trends 8/1/2020 – 11/15/2020
Confirmed Positive by Region



Regions 2N, 3, and 7 show the most rapid growth rate for the week of 11/8-11/15

Region 2N, 3, 6 are the most pressured on a per population basis

Region	Growth from Last Week	COVID+ Hospitalizations / MM
Region 1	28%	206/MM
Region 2N	46%	352/MM
Region 2S	26%	255/MM
Region 3	44%	431/MM
Region 5	15%	255/MM
Region 6	25%	365/MM
Region 7	49%	208/MM
Region 8	35%	260/MM

Best Practices for Organizations



COVID-19

PAUSE TO SAVE LIVES



Open



Two-household gathering
(high precautions)*



Hair salons, barber shops,
other personal services



Small outdoor gatherings
(25 people)



Gyms and pools
(for individual exercise)



Retail



Restaurants and bars (outdoor
dining, takeout, and delivery)



Preschool through 8th grade
(local district choice)



Professional sports**
(without spectators)



Childcare



Parks and outdoor
recreation



Manufacturing, construction,
other work that is impossible
to do remotely



Funerals
(25 people)



Public transit



Health care

*See Social Gathering Guidance.

**Includes a limited number of NCAA sports.

Not open



High schools
(in-person learning)



Theaters, movie theaters,
stadiums, arenas



Colleges and universities
(in-person learning)



Bowling centers, ice skating
rinks, indoor water parks



Workplaces, when work can
be done from home



Bingo halls, casinos,
arcades



Restaurants and bars
(indoor dining)



Group fitness classes



Organized sports, except
professional sports

For more information about the order, visit Michigan.gov/Coronavirus.
Questions or concerns can be emailed to COVID19@michigan.gov.



COVID-19



SOCIAL GATHERING GUIDANCE

PAUSE TO SAVE LIVES

Socializing with family or friends may feel safe, but it is risky – especially with COVID everywhere in Michigan today. It's best to only get together outside. If you must gather indoors, you may only see one other household at a time.

To reduce risk, follow these guidelines:

Pick only one other household to see over the next three weeks. Even better, form a consistent **social pod**.

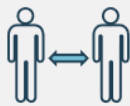
Choose a household that is also being careful. If anyone in either group feels sick, postpone the gathering.

Limit duration indoors. The longer the visit, the greater the risk.

Follow these rules as much as possible:



Wear a mask – only take it off when you eat or drink, then put it back on.



Stay six feet apart.



Keep voices down and avoid shouting or cheering.



Do not share utensils.

After a gathering, monitor yourself for symptoms of COVID-19. If anyone in the group feels sick, get tested.

For more information about social gatherings, visit Michigan.gov/Coronavirus.
Questions or concerns can be emailed to COVID19@michigan.gov.



COVID-19

SAFE SOCIAL “PODS”



What is a pod?

A social pod is a core group of friends or family who agree to limit their in-person social activities to only each other, and practice physical distancing with anyone outside the group. Being part of a pod allows members to continue seeing people outside their household while reducing the risk of spreading COVID-19.

Do

- ✓ **Agree up front exactly who is in the pod.** Keep your pod to under 10 people, and no more than one other household.*
- ✓ **Discuss how vulnerable to COVID members of the pod are** (underlying medical conditions, over age 65).
- ✓ **Agree on how all members of the pod will limit risk** (e.g., not seeing people outside the pod other than masked outdoors, not working or attending school in person). *The whole pod takes on the risk of each member's exposure.*
- ✓ **Pledge to be truthful with one another about activities.**
- ✓ **Stay outdoors as much as possible, even within the pod.**
- ✓ **Communicate immediately if anyone has symptoms or exposure to COVID-19.** The entire pod needs to stop getting together immediately, and the person with COVID-19 symptoms should get tested *immediately*.

Don't

- ✗ **Socialize with other people outside your pod,** except masked, outdoors, with at least 6 feet physical distance.
- ✗ **Pod with more than 10 people or two households.**
- ✗ **Be a part of more than one pod/social circle.**
- ✗ **Include people in your pod who have recently engaged in risky behaviors.**
- ✗ **Stop following essential public health guidance** (frequent handwashing, social distancing, wearing a mask).
- ✗ **Permit members of a household to be in different pods.**
- ✗ **Engage in activity that has not been agreed upon with your pod,** such as travel.
- ✗ **Stay in a pod if others are engaging in unsafe behavior** (e.g., going to large parties or gatherings).

* Households means a group of people living together in a shared dwelling with common kitchen or bathroom facilities.

For more information about social pods, visit Michigan.gov/Coronavirus.
Questions or concerns can be emailed to COVID19@michigan.gov.

Holiday Alternatives

- ▶ A short appetizer hour, outdoors
- ▶ Communicate virtually and eat at the same time
- ▶ If together:
 - ▶ Wear masks, except when eating
 - ▶ Keep tables and households spread out

COVID-19 MIOSHA EMERGENCY RULES

The rules implement workplace safeguards for all businesses and specific requirements for industries, including manufacturing, construction, retail, health care, sports and exercise facilities and restaurants and bars. These rules take effect on October 14, 2020 and shall remain in effect for six months.

EMPLOYER REQUIREMENTS



Establish Exposure Determination for Employees

- The employer should evaluate routine and anticipated tasks to determine anticipated employee exposure to COVID-19.
- The employer should categorize jobs into the following risk categories:
 - **Lower exposure risk** – do not require contact with public or other workers.
 - **Medium exposure risk** – require frequent and/or close contact (ex. within six feet) with people who may be infected with SARS-CoV-2, but who are not known or suspected COVID-19 patients. Workers in this category have contact with the general public and coworkers.
 - **High exposure risk** – high potential for exposure to known sources of COVID-19, these could include healthcare professionals, law enforcement, nursing home employees, medical transport or mortuary workers.
 - **Very high exposure risk** – high potential for exposure to known or suspected sources of COVID-19 during specific medical, postmortem or laboratory procedures. Workers in this category include healthcare, dental and morgue workers performing aerosol-generating procedures.



Create a COVID-19 Preparedness and Response Plan

- The employer should develop and implement a written plan to prevent employee exposure to COVID-19.
- The plan should include exposure determination and detail the measures the employer will implement to reduce employee exposure, including any:
 - **Engineering controls** – barriers between the worker and exposure to the virus.
 - **Administrative controls** – policies, procedures and practices such as staggered work schedule, teleworking and increase social distancing measures.

- **Hand hygiene and environmental surface disinfection** – regularly clean and disinfect surfaces and equipment.
- **Personal protective equipment** – employees in frequent or prolonged close contact with known or suspected cases of COVID-19 must be provided with and wear, at a minimum, an N95 respirator.
- **Health surveillance** – screening protocols to identify known or suspected COVID-19 cases at the start of work shifts, employees should report any signs or symptoms of COVID-19.
- **Training** – employers should provide COVID-19 exposure prevention training to employees, including steps to report signs and symptoms of COVID-19.



Establish Workplace Procedures

- Identify a workplace COVID-19 coordinator.
- Examine and update policies like telework.
- Mandate face coverings as required.
- Train employees on new procedures and policies.
- Employee health screening procedures – prior to work.



Workplace Procedures - Cleaning

- The employer should routinely clean and disinfect all areas such as offices, common areas, bathrooms, shared electronic equipment and frequently touched surfaces.
- If a sick employee is suspected or confirmed to have COVID-19, perform enhanced cleaning and disinfection of the workplace.



Workplace Procedures - Sick Employees

- Require employees to report when they receive a positive test or are experiencing symptoms of COVID-19.
- Require employees to self-isolate. Employees should notify supervisors and stay home. Do not allow employees to return until home isolation criteria is met (Follow CDC Guidance) and inform other employees of possible workplace exposure (ADA compliant – keep confidentiality).



Employee Training

- Training should cover new policies and procedures like screening procedures, telework duties and employee reporting policy. Be sure to train on new controls like personal protective equipment (PPE) requirements and cleaning of workspace.

Core Mitigation Strategies



- Proper mask use
- Social Distancing
- Frequent Handwashing
- Staying Home when Sick



Mask Use

- ▶ Masks have shown to work at slowing disease spread by about 70%
 - ▶ Face masks block an individual's respiratory droplets from landing in the mouths or noses of people who are nearby or possibly being inhaled into the lungs.
- ▶ Sources: [Howard, J., Huang, A, et al. 2020](#); [Wang, Y., Tian, H., et al. 2020](#); Centers for Disease Control and Prevention; [Davies, A., Thompson, K. et al. 2013](#).
- ▶ Specifically with pediatric COVID-19 patients, data showed that children can carry high levels of virus in their upper airways, particularly early in an acute SARS-CoV-2 infection, yet they display relatively mild or no symptoms ([Yonker, L., Neilan, A. et al., 2020](#)).
 - ▶ This suggests that children can be superspreaders to COVID-19

COVID-19 Immunity

▶ Vaccine

- ▶ COVID-19 vaccination will help protect you by creating an antibody response without having to experience sickness.



▶ Infection acquired

- ▶ Unclear whether clinically recovered patients acquire the protective immunity from re-infection.
- ▶ Some cases of re-infection of COVID-19



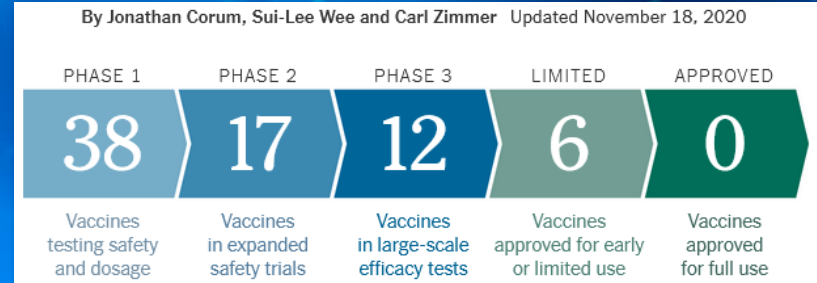
Community Vaccination and/or Herd Immunity

11/9/20: Pfizer and BioNTech presented preliminary data indicating that their coronavirus vaccine was over 90% effective.

11/16/20: Moderna announced that a preliminary analysis of the trial indicated that the vaccine was 94.5 percent effective

Vaccine Distribution:

- ▶ State and Local Health Departments currently identifying sources for ultra cold storage and purchasing what is needed
 - ▶ Phases 1A and 1B on following slides
- ▶ Gun Lake has donated funds for a mobile vaccine clinic



A big Thank you to the Gun Lake Tribe!

Gun Lake has donated funds
for a mobile vaccine clinic

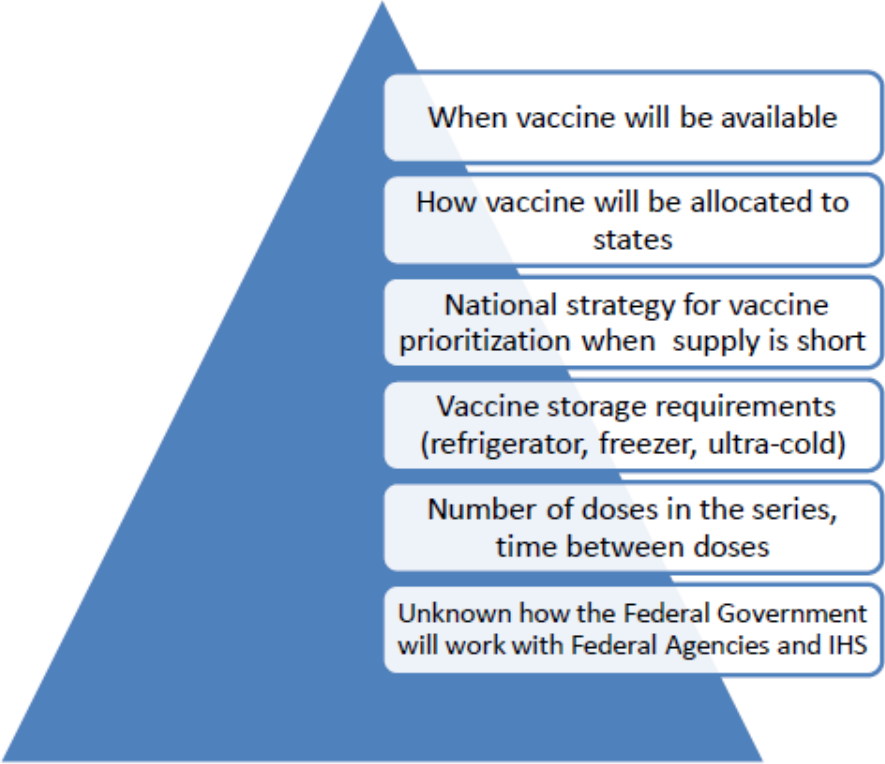
Phase 1A Health Care Workers

- Hospital Staff
- Local Health Department Staff
- EMS
- Primary Care Practice Staff
- Pharmacists
- LTC Staff
- Urgent Care Staff
- FQHC Staff

Phase 1B Populations

- Critical Infrastructure Workers
- Fire and Police
- Educators
- Adults with Chronic Medical Conditions
- Adults 65 years and older

Unknowns for Vaccine Distribution



When vaccine will be available

How vaccine will be allocated to states

National strategy for vaccine prioritization when supply is short

Vaccine storage requirements (refrigerator, freezer, ultra-cold)

Number of doses in the series, time between doses

Unknown how the Federal Government will work with Federal Agencies and IHS



WHAT THE HEALTH? Allegan County COVID-19 Community Conversation

Thursday, November 19 at 6pm | Virtual

Ask questions and listen from local panelists on what is currently happening in Allegan County during the COVID-19 pandemic, the effectiveness of mitigation strategies, and how our community is responding.

Panelists:

- Angelique Joynes, Allegan County Health Department Health Officer
- Bill Brown, Superintendent of Allegan Area Educational Service Agency
- Dorine Berriel-Cass, Director of Infection Prevention at Spectrum Health
- Dr. Greg Cassidy, Ascension Allegan Health Care Provider

Secure your spot and question now!

Registration Link:

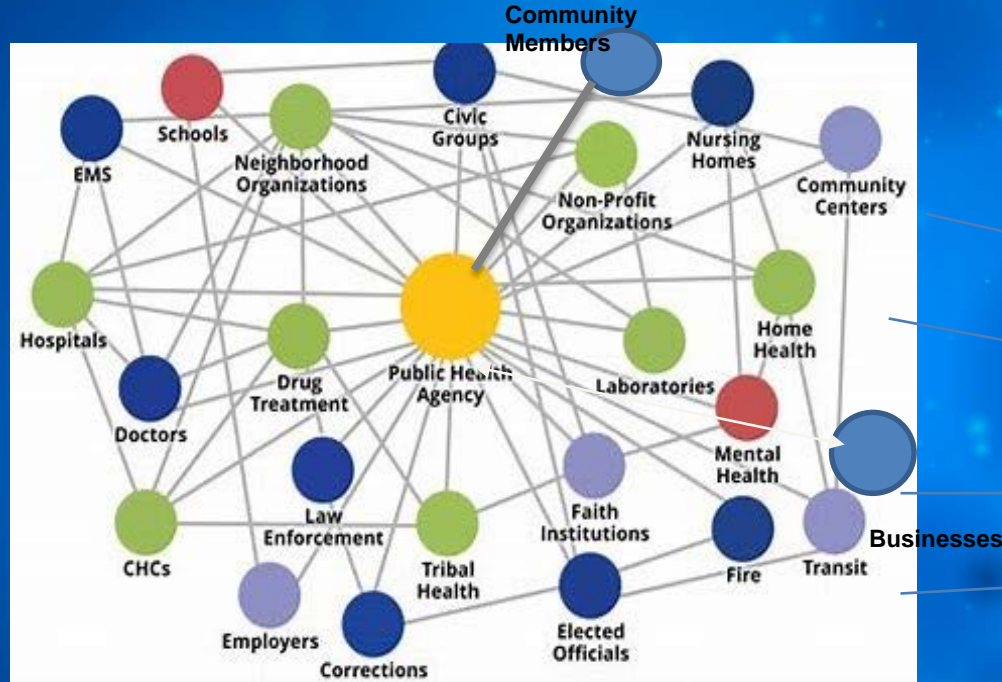
<https://attendee.gotowebinar.com/register/3628950632878881040>

- ▶ <https://attendee.gotowebinar.com/register/3628950632878881040>
- ▶ After registering, you will receive a confirmation email containing information about joining the webinar.

Time for your Flu Shot!

- ▶ Fighting the flu season will be especially important this year
- ▶ Helps prevent health care systems from becoming overwhelmed
- ▶ **Flu Clinic TOMORROW** at ACHD from 9am-12pm and 1pm-4pm.
 - ▶ Offering no-cost flu vaccine for uninsured/under-insured adults (19 years of age and older)
 - ▶ Call 269-673-5526 to make an appointment

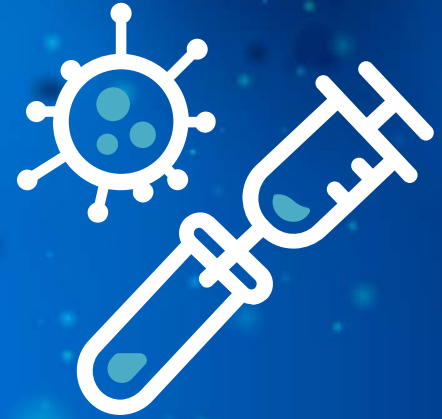
We all play a part in this response. The stronger our relationships are the more effective the response is.



**IF YOU WANT to go quickly, GO ALONE.
IF YOU WANT TO GO FAR GO TOGETHER**

— AFRICAN PROVERB

ACHD Hotline: (269) 686-4546



Email: COVID-19@allegancounty.org



HEALTH
Department