

# COVID-19 Update

August 10, 2020



HEALTH  
Department

# COVID-19 Mass Testing and Containment

## MITIGATION ROADMAP



## INCIDENT ACTION PLAN OBJECTIVES

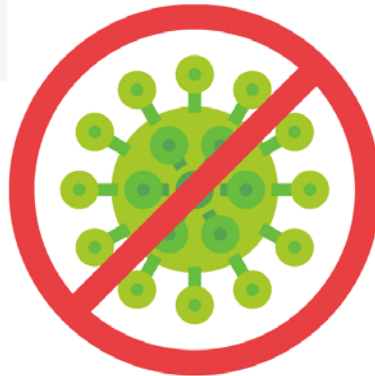
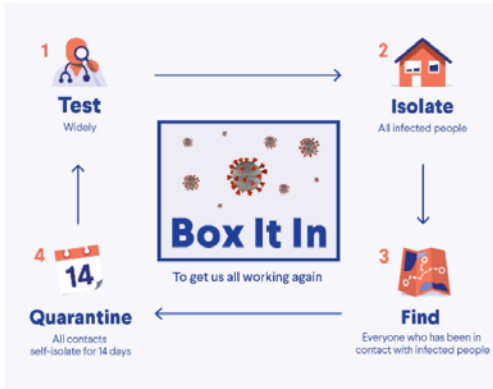
1. Identify cases, isolate the sick, quarantine the exposed, and protect vulnerable populations  
  
Provide information to the public, media, and County staff to increase public awareness, address misinformation, and protect the public and increase community resiliency
2. Prepare, mitigate, and recover from widespread transmission in Allegan County

## STATE & LOCAL ORDERS

Michigan Public Health Code



## EPIDEMIOLOGICAL MODEL



# Allegan County COVID-19 Dashboard,

data as of 8/10/20 at 2pm

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

## Allegan County COVID-19 Dashboard

Current Phase of MI SAFE

START PLAN

4

Phases as defined under the  
**MI SAFE START PLAN.**

Last update: a few seconds ago

Total  
806  
Monitored

Individuals that have  
been identified as a close

Last update: a few seconds ago

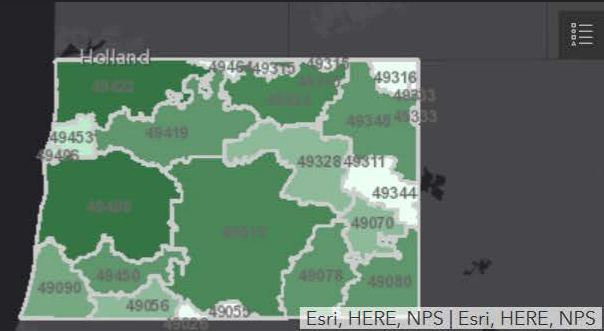
Recovered  
378

per MDHHS definition

The number of persons with a confirmed COVID-19  
diagnosis (either by lab or probable positive diagnosis)

Last update: a few seconds ago

Cases by Zip Code



Negative  
18,221

Tests

Lab confirmed negative for  
COVID-19.

Last update: a few seconds ago

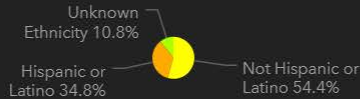
Total  
37  
Hospitalizations

Total hospitalizations

(since March 21):

Last update: a few seconds ago

Percentage of Cases by Ethnicity



Last update: a few seconds ago

Cases by Ethnicity

Seven Day Moving Average of New Cases per Day



Average number of cases over the past seven days.

Last update: a few seconds ago

Positive  
472

Cases

Includes all laboratory  
confirmed reported to the

Last update: a few seconds ago

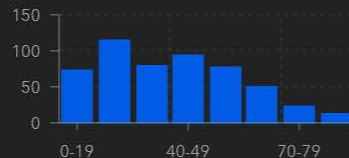
Positive Cases

COVID-19  
6  
related deaths

Deaths occurring within  
30 days of diagnosis are

Last update: a few seconds ago

COVID-19 Number of Cases by Age



Last update: a few seconds ago

7-Day Moving Average of New Cases

# Infection rate

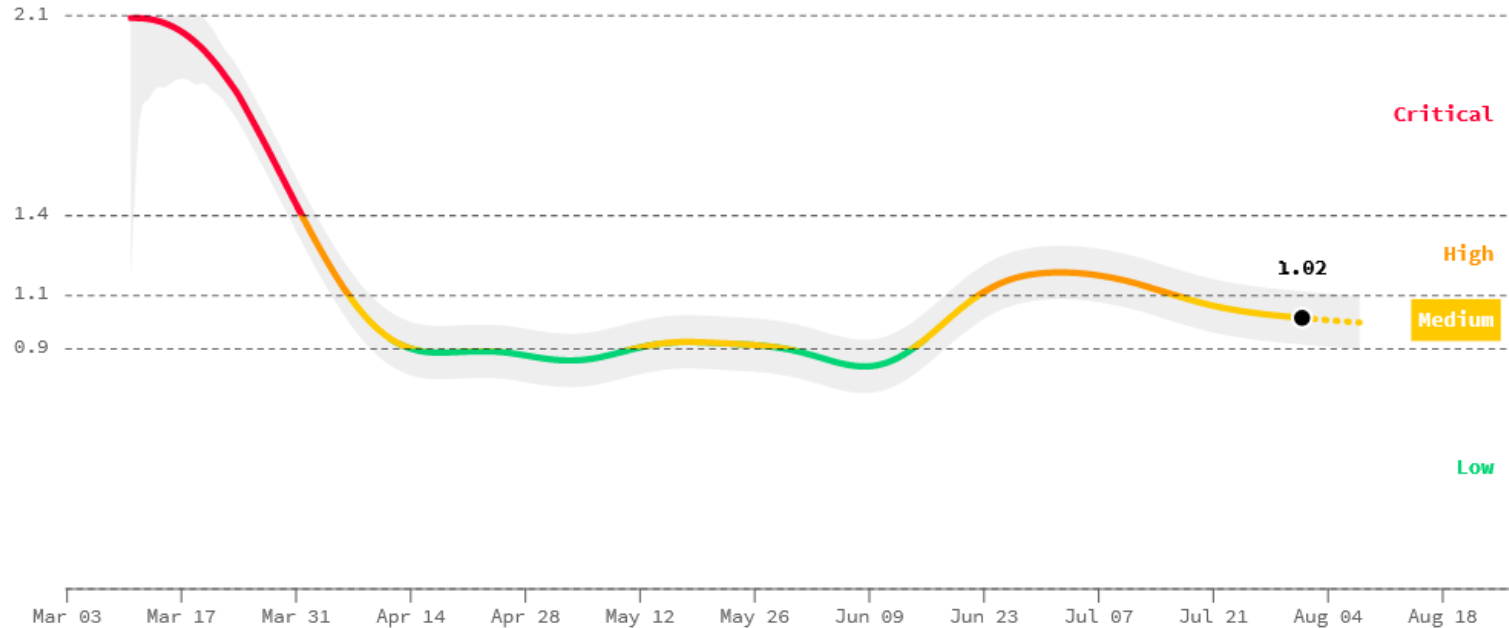
MICHIGAN

Save

Share

On average, each person in Michigan with COVID is infecting 1.02 other people.

Because this number is around 1.0, it means that COVID continues to spread, but in a slow and controlled fashion.



Last updated 8/9/2020. 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](#).

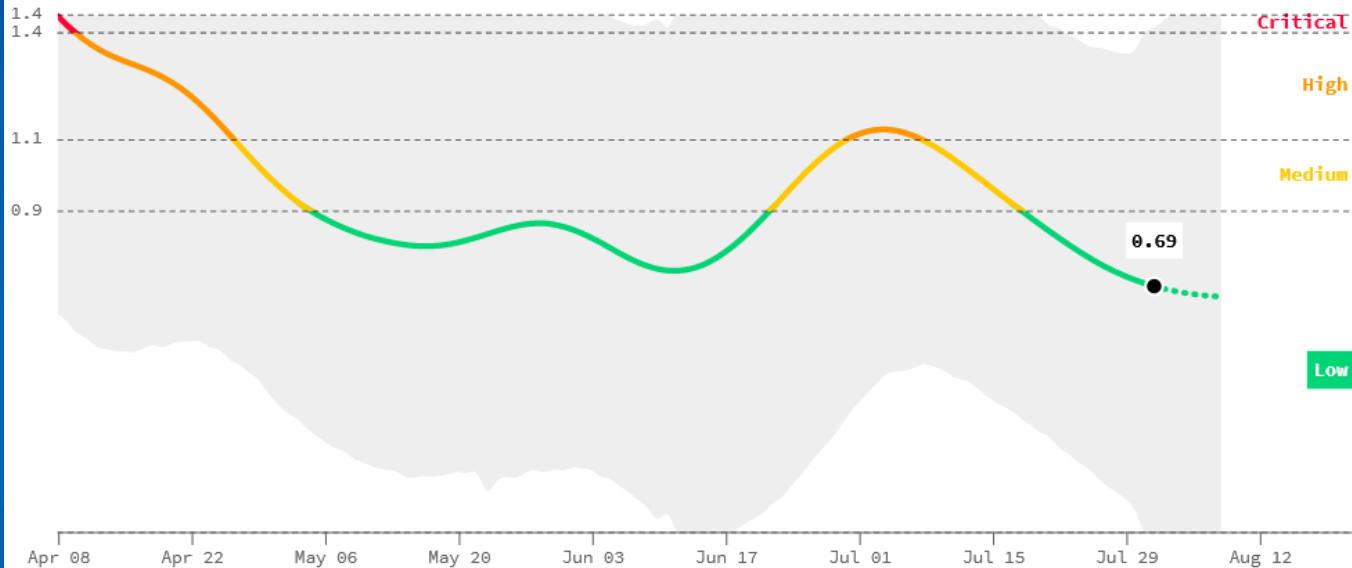
## Infection rate

ALLEGAN COUNTY, MICHIGAN

Save

Share

On average, each person in Allegan County, Michigan with COVID is infecting 0.69 other people. Because each person is infecting less than one other person, the total number of current cases in Allegan County, Michigan is shrinking.



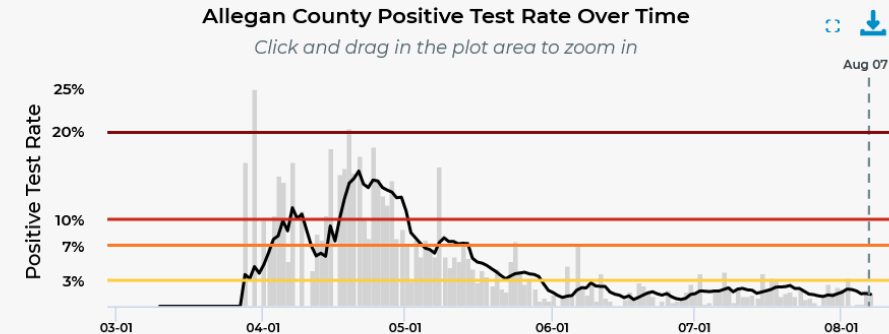
Last updated 8/9/2020. Each data point is a 14-day weighted average. We present the most recent seven days of data as a dashed line, as data is often revised by states several days after reporting. Learn more about [our methodology](#) and [our data sources](#).

# MI Safe Start Map, Allegan County

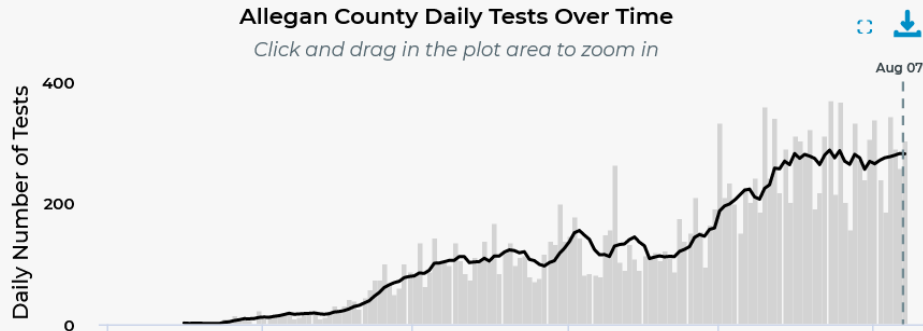
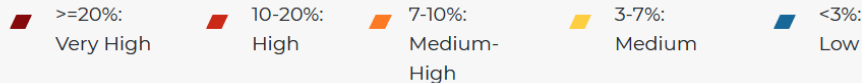
- ▶ <https://mistartmap.info/>
- ▶ Compares counties, MERC regions on a population level (per million)

## Test Results

1.4% positive tests\*  
281 daily tests administered\*  
1 week Jul 28 - Aug 4



Test Thresholds  
Percent Positive



# MI Safe Start Map, Allegan County

New Cases

27.3  
daily/ million \*

3.1  
daily \*

4 weeks ↘  
Jul 7 - Aug 4 ⓘ

Allegan County Cases Per Million Over Time

Click and drag in the plot area to zoom in



Cases Thresholds  
Per Million Per Day

Dark Red  $\geq 70$ :  
Very High

Red 40-70:  
High

Orange 20-40:  
Medium-High

Yellow 7-20:  
Medium

Blue  $< 7$ :  
Low

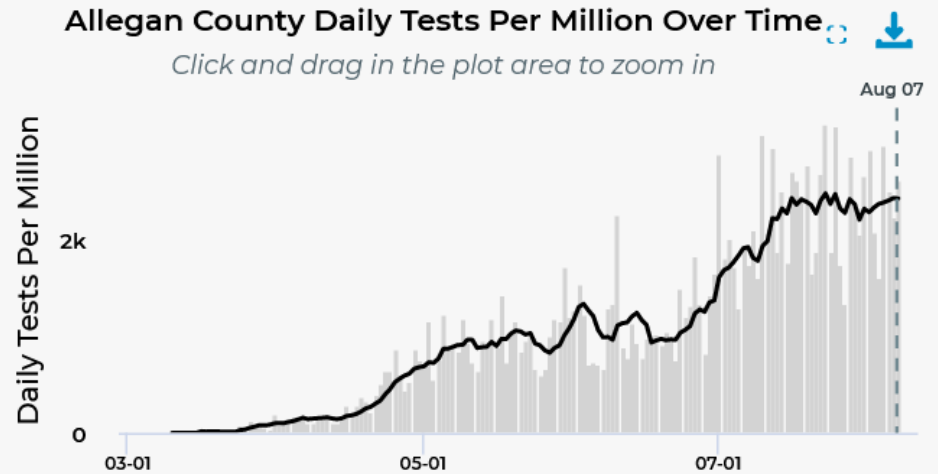
- ▶ <https://mistartmap.info/>
- ▶ Compares counties, MERC regions on a population level (per million)

# Public Health Capacity

Tests

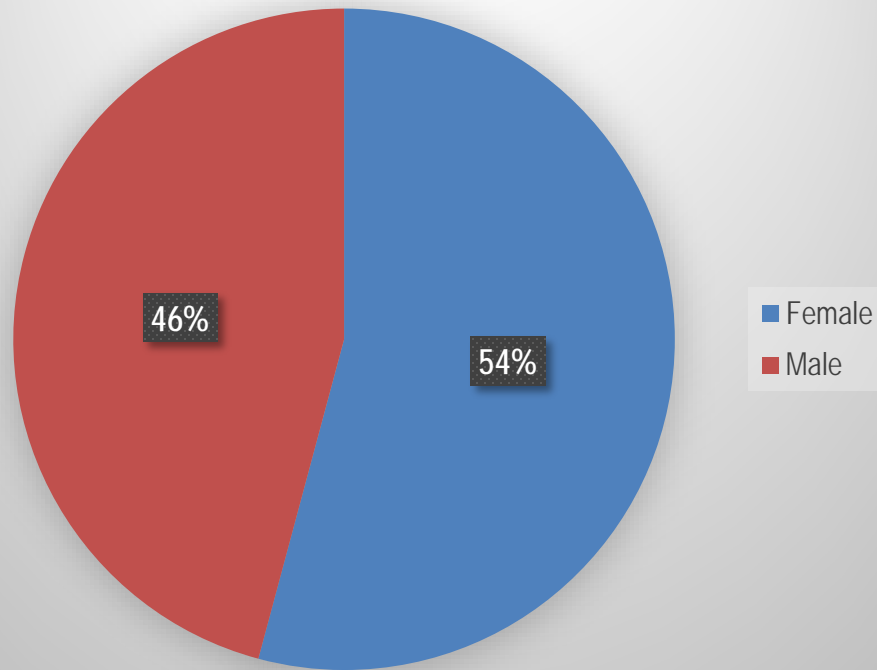
2.4k  
daily per million  
\*

281  
daily tests  
administered \*

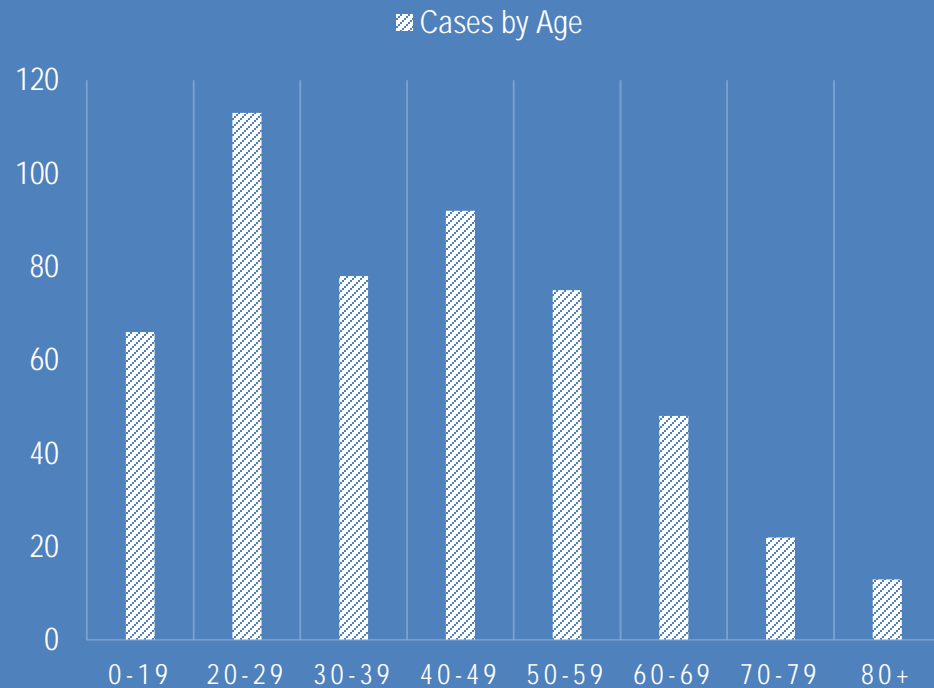




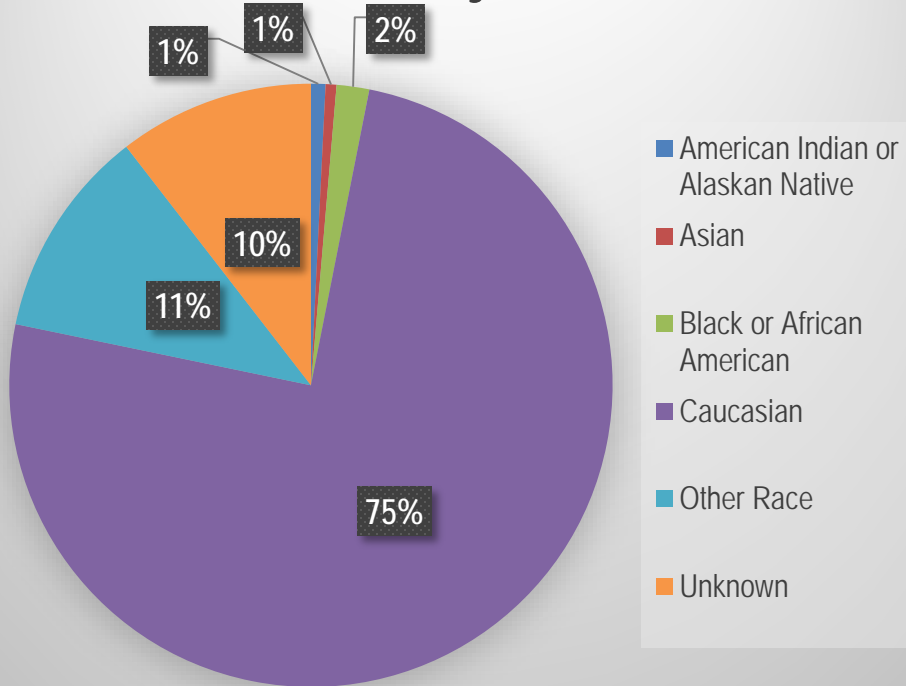
## Cases by Sex



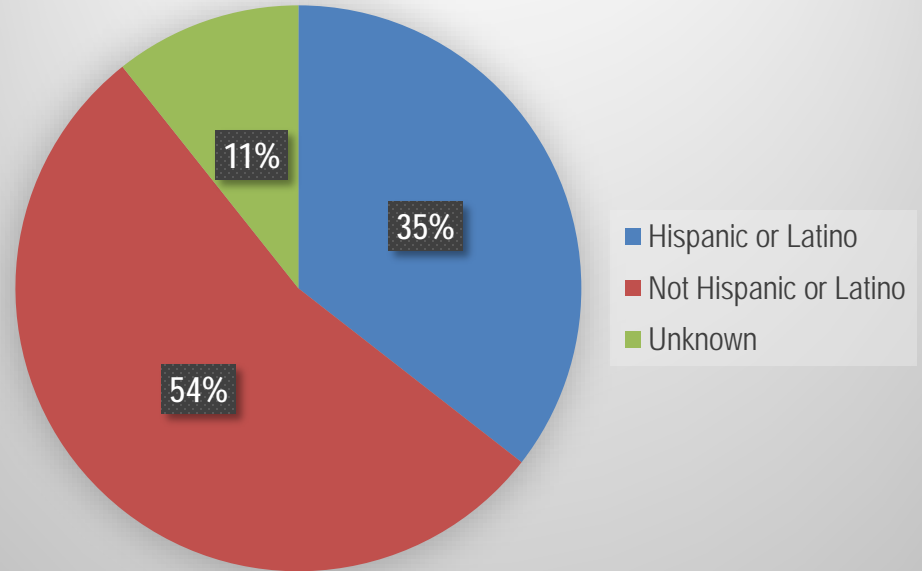
## CASES BY AGE



## Cases by Race



## Cases by Ethnicity



# Epidemiologic Information

Overall	Percent
Healthcare Worker	11.8%
Live or work in high-risk/congregate facility	7.2%
First Responder	0.2%
Other Essential Worker/Critical Infrastructure	21.6%
Healthcare Contact to confirmed care	1.8%
Community Contact to confirmed case	15.6%
Household Contact to confirmed case	28.3%
<b>Total Cases: 505</b>	

Cases Reported in Past two weeks	Percent
In quarantine at time of onset/positive test	34.6%
Associated with known cluster/outbreak	1.3%
Any Contact to confirmed case	51.3%
Healthcare contact to confirmed case	0%
Community contact to confirmed case	17.9%
Household contact to confirmed case	33.3%
Attended Community Event/Mass Gathering	2.6%
Any Travel (international, domestic, in state)	26.9%
Source of Infection is unknown	28.2%
<b>Number of cases reported in past 2 weeks: 78</b>	

Data as of 8/5/2020. Source: Michigan Disease Surveillance System

# Clinical Information

Asymptomatic Cases: 19.5%



Symptoms	Percent
Fatigue/Lethargy/Weakness	63.7%
Cough	64.5%
Fever	57.3%
Chills/Rigor	54.3%
Shortness of Breath	25.3%
Difficulty Breathing	19.4%
Muscle Aches (Myalgia)	53.2%
Headaches	58.5%
Runny Nose	34.1%
Nausea or Vomiting	19.6%
Congestion	38.3%
Sore Throat	36.4%
Diarrhea	22.5%
Loss of taste or smell	37.7%

Data as of 8/5/2020.

Source: Michigan Disease Surveillance System

# Allegan County Public Health Proposed Testing Strategies

Testing Strategies Focused Largely on Asymptomatic Individuals (All symptomatic individuals should be tested)

Strategies	May 15- May 22	May 23- June 15	June 16-July 16	July 16-August 16
<b>1. Congregate Care - Jail, Youth Home, and Long Term Care Facilities (LTCF)</b>	Met with Jail and LTCF leadership to discuss baseline testing	Jail and LTCF in collaboration with National Guard (NG) and ACHD will do baseline testing if supplies are received from NG	Consider routine testing of asymptomatic staff/residents/inmates if supplies are available	Continue routine testing of staff to ensure any asymptomatic are caught early and contacts are put on quarantine until a vaccine or herd immunity is obtained
<b>2. Congregate Care- Adult Foster Care (ADF) and Migrant Camps (Intercare)</b>	Surveyed all ADF on needs for PPE and testing.	Contact ADF and Migrant Camps with collaboration of Intercare/MSU to discuss baseline testing	Consider Baseline testing and routine testing of staff at minimum and partner to conduct the voluntary testing	Continue routine testing of staff to ensure any asymptomatic are caught early and contacts are put on quarantine until a vaccine or herd immunity is obtained
<b>3. Community Based Drive thru Testing sites with other partners</b>	Testing with Intercare Started for Drive thru testing. Public Health will screen and provide physician order as needed	Market the Tuesday/Thursday site to ensure appointments are filled. Work with Intercare if testing rates remain low to consider asymptomatic. Consider all partners.	Continue to ensure all appointments are filled and see if there is any ability to expand testing	Continue to ensure all appointments are filled and see if there is any ability to expand testing
<b>4. Community Based using Points of Distribution (PoD Sites with current Strategic National Stockpile (SNS) Plan)</b>	Reviewed POD sites and did revisions, discussed with facilities and are open to PODS being used as drive thru testing sites	Update any outstanding agreements with POD sites, determine resources needed and secure resources	If supplies and staff are available Develop a testing schedule similar to what was done with H1N1	Continue to do testing per rotating schedule until vaccination and/or herd immunity is acquired

⚠️ IMPORTANT CHANGES IN DRIVE-THRU TESTING HOURS ⚠️

Monday - August 10th

Bangor - No Testing

Holland 1:00PM - 6:00PM \*Moved to the afternoon.

Benton Harbor 10:00AM - 6:00PM

**CHANGE IN COVID-19 TESTING TIMES**  
**MONDAY - AUGUST 10, 2020**



**InterCare**  
Community Health Network

**BANGOR**

NO COVID-19 Testing TODAY

\*Moved to Wednesday 9:00AM - 3:00PM

**BENTON HARBOR**

10:00AM - 6:00PM

**HOLLAND**

\*Moved to the afternoon.

1:00PM - 6:00PM



**InterCare Community Health Network**

July 23 · 🌐

⚠️ IMPORTANT UPDATE ⚠️

There will be no drive-thru COVID-19 testing at our Pullman Health Center today. Testing will be available in Pullman on the following days and times:

Tuesday 1:00PM-4:00PM

Friday 9:00AM-12:00PM [\*Beginning 7/24]

For more information about other testing locations available today, please call (855)869-6900.

For more information about scheduling an event, please contact Ryan Grinnell Director of Operations by e-mail at [rgrinnell@intercare.org](mailto:rgrinnell@intercare.org).

# Need Additional Testing Locations

- ▶ Looking at Testing Locations for Thursdays, starting 8/20/20. More to come, looking at facilities and agreements
  - ▶ Next testing clinic is 8/20/20 with location TBD
- ▶ [www.Michigan.gov/coronavirustest](http://www.Michigan.gov/coronavirustest)
- ▶ Total Tested to date with ACHD collaboratives (since 6/6/20): 748
  - ▶ Known Positives: 25

# Are neck gaiters or bandanas an acceptable face covering?

- ▶ Per EO 2020-153, Any individual who leaves their home or place of residence must wear a face covering over their nose and mouth
- ▶ A study published on 8/7/20 measured droplet transmission on 14 commonly found face coverings, including surgical masks, cloth homemade masks, neck fleeces, and N95s.
  - ▶ Droplet transmission fraction ranging from below 0.1% (fitted N95 mask) to 110% (fleece mask) relative to the control trials.
  - ▶ Speaking through some masks (particularly the neck fleece) seemed to disperse the largest droplets into a multitude of smaller droplets, which explains the apparent increase in droplet count relative to no mask in that case. Considering that smaller particles are airborne longer than large droplets (larger droplets sink faster), the use of such a mask might be counterproductive.

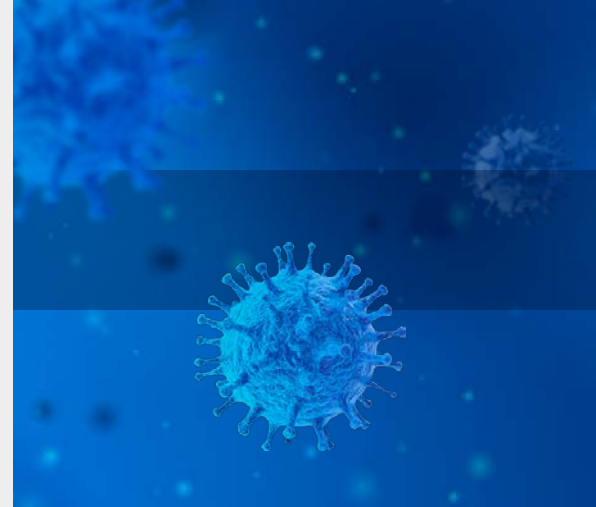
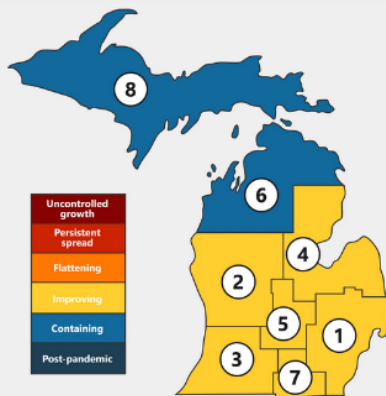


# MI SAFE START RESTRICTIONS BY CATEGORY

This table and map attempt to summarize Governor Whitmer's executive orders related to COVID-19. The executive order should always be reviewed, and in the event of a conflict between the order and this table, the order controls.

Regions on this map and table were created by analyzing work and commuting patterns. The colors in this map indicate the phase of the MI Safe Start Plan for each region. The phase is based on a variety of factors including: (1) data on COVID-19 infections and the disease's rate of spread; (2) whether sufficient medical personnel, hospital beds, and ventilators exist to meet anticipated medical need; (3) the availability of personal protective equipment for the health care workforce; (4) the state's capacity to test for COVID-19 cases and isolate infected people; and (5) economic conditions in the state.

Businesses are subject to these orders and may also be subject to guidance issued by MIOSHA, LARA, and other state agencies where applicable. Social distancing and mask requirements apply to all activities listed in the table.



[Download a copy of the MI Safe Start Restrictions by Category](#)

## MI Public Guidance

Date Last Refreshed: 8/7/2020 3:16:53 PM

✓ = Allowed   | = Limited   ✗ = Not allowed

Category	Activity	Status	Applicable MERC Regions	Notes	Executive Order
				The number of people in the venue is limited to 25% of its maximum capacity or to 500, whichever is smaller.	
Entertainment	Entertainment at Congregate	✗	1,2,3,4,5,6,7,8	All communal dining and internal and external group	2020-148
Entertainment	Gymnasiums, fitness centers, recreation centers, sports facilities, exercise facilities, exercise studios, and the like		6,8	Subject to strict workplace safeguards found in Executive Order 2020-161.	2020-160, 2020-161
Entertainment	Indoor gymnasiums, fitness centers, recreation centers, sports facilities, exercise facilities, exercise studios, and the like	✗	1,2,3,4,5,7	Indoor activities are prohibited. Classes may be held outside, if they are no more than 100 people and persons not from the same household remain 6 feet apart from one another.	2020-160
Entertainment	Indoor services or facilities, or outdoor services or facilities involving close contact of persons, for amusement or other recreational or entertainment purposes, such as amusement parks, arcades, bingo halls,		1,2,3,4,5,7		2020-160

version 1.2.4

# Food Safety, pesticides, animal and plant health, gas station complaints:

- ▶ File a Complaint with MDARD.

## COVID-19 Testing for Agricultural Workers

- ▶ MDHHS Emergency Order: provides test requirements, roles and responsibilities of the State of Michigan and agricultural employers, as well as testing requirements for workers and more.
- ▶ These agricultural employers are:
  - ▶ Any employer of migrant or seasonal workers, Meat, poultry, and egg processing facilities, and Greenhouses

# Restaurant Complaints

- ▶ Allegan County Health Department has authority on licensed food establishments within the county.
- ▶ If there is a violation of any executive order restaurants should be following, please submit an [inquiry form](#).
- ▶ Great reduction in complaints!!!



## EMPLOYERS: Understanding COVID-19 Transmission and Close Contacts



One of your employees was diagnosed as a confirmed or probable COVID-19 case. **What should you do?**

**Confirmed or Probable COVID-19 Case**



1. Contact the Local Health Department based on the employee's residence and, additionally, based on the location of any exposed workplace facilities
  - a. Sometimes there are delays in lab results or surveillance

### Identify close contacts

1. **Look at operations flow and determine close contacts of the confirmed or probable case.**
  - a. A close contact is considered someone closer than 6 feet together for 15 or more minutes within 48 hours PRIOR to positive case's symptom onset or a positive test result.



### What should close contacts do?

2. **Close contacts should quarantine for 14 days and monitor symptoms daily.**
  1. Some individuals may want to get tested right away for various reasons. Public Health recommends to wait until the viral load increases, which is estimated to be 5 days post exposure.
  2. If symptoms develop, they should get tested immediately.
3. **Close contacts can return to work once quarantine period is complete.**



For more information, please contact your Local Public Health Department:  
<https://www.malgh.org/resources/directory>

## Frequently Asked Questions

*I was around a close contact of a confirmed case. Should I get tested right now?*

If you pick up a virus, such as COVID-19, it takes about 3-5 days for the viral load to be high enough to be positive on a diagnostic test. In this case, only test if you develop symptoms.

**Contacts of a close contact:** Individuals who have been around identified close contacts of a confirmed/probable case prior to the close contact being quarantined.

### What to do

- Go about life as usual
  - Practice mindful distancing from others
  - Wear a face mask
  - Clean and disinfect highly touched surfaces
  - Practice frequent handwashing
- Self-check for symptoms

### When your situation would change

- If the close contact tests positive and you've had close contact (closer than 6ft together, 10 or more minutes) within 48 hours (2 days) PRIOR to their positive test, you should quarantine
- If the close contact begins to develop symptoms and you've had close contact with the individual within the last 48 hours, you should quarantine.

*When is the right time to get tested?*

COVID-19 is a novel virus. We are still learning many issues around this virus. As Michigan has expanded testing capacity, anyone can get tested for coronavirus. However, if you are concerned about a potential risk of exposure, it's important to test at the right time to properly connect you to the epidemiological links of the virus. It takes about 3-5 days on average for the viral load in the body to be high enough to show a positive result on a diagnostic test. If you are going out in to public, it is important to monitor your symptoms daily.

*What's the proper personal protective equipment (PPE)?*

Refer to your Employer's COVID-19 Preparedness and Response Plan for the PPE to be worn at work. The more often you practice COVID-19 mitigation strategies (handwashing, social distancing, wearing face coverings) the risk of COVID-19 transmission goes down.

DISCLAIMER: This information was developed based on the latest guidance at the time. Please visit [cdc.gov/coronavirus](https://www.cdc.gov/coronavirus) or [Michigan.gov/coronavirus](https://www.michigan.gov/coronavirus) for the latest information.

Contact **Randy Rapp**, Health Department Liaison for **COVID-19 Incident**, if you need to be added to the Community Leaders COVID -19 Updates every other Monday at 4:00 list, are requesting materials to be made, or have further questions.

[rrapp@allegancounty.org](mailto:rrapp@allegancounty.org)  
(269) 673-5411

ACHD Hotline: (269) 686-4546  
Email: [COVID-19@allegancounty.org](mailto:COVID-19@allegancounty.org)

# Questions/ Feedback?

What can we do to support you?



HEALTH  
Department