

# Epidemiologic and Public Health Primary Indicators

| Uncontrolled growth                                                                                | Persistent spread                                                                                                                                                                                                                                                                                                                                                                                                                                       | Flattening                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Improving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Containing                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Post-pandemic                                                                        |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Highest risk</b>                                                                                | <b>High risk</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Medium/High risk</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Medium risk</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Low risk</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>No risk</b>                                                                       |
| <p><i>Unmitigated growth, cases growing with mitigation strategies not having taken effect</i></p> | <p><i>Epidemiologic:</i></p> <ul style="list-style-type: none"> <li>• &gt;40+ per million/day</li> <li>• Increasing cases</li> <li>• &gt;20% Positivity</li> </ul> <p><i>Public Health Capacity:</i></p> <ul style="list-style-type: none"> <li>• &lt;1,515 per million</li> <li>• Case Investigation (Pending)</li> </ul> <p><i>Health System Capacity:</i></p> <ul style="list-style-type: none"> <li>• Certification by system leadership</li> </ul> | <p><i>Epidemiologic:</i></p> <ul style="list-style-type: none"> <li>• 20-40 per million/day</li> <li>• &lt;2 weeks decreasing cases</li> <li>• &gt;10-20% Positivity</li> </ul> <p><i>Public Health Capacity:</i></p> <ul style="list-style-type: none"> <li>• 1,515-3,030 per million</li> <li>• Case Investigation (Pending)</li> </ul> <p><i>Health System Capacity:</i></p> <ul style="list-style-type: none"> <li>• Certification by system leadership</li> </ul> | <p><i>Epidemiologic:</i></p> <ul style="list-style-type: none"> <li>• 7-20 per million/day</li> <li>• 2 weeks decreasing cases</li> <li>• 3-10% Positivity</li> <li>• 2 weeks decreasing positivity</li> </ul> <p><i>Public Health Capacity:</i></p> <ul style="list-style-type: none"> <li>• &gt;3,030 per million</li> <li>• Case Investigation (Pending)</li> </ul> <p><i>Health System Capacity:</i></p> <ul style="list-style-type: none"> <li>• Certification by system leadership</li> </ul> | <p><i>Epidemiologic:</i></p> <ul style="list-style-type: none"> <li>• 1-7 per million/day</li> <li>• 4+ weeks decreasing cases</li> <li>• &lt;3% Positivity</li> <li>• 4 weeks decreasing positivity</li> </ul> <p><i>Public Health Capacity:</i></p> <ul style="list-style-type: none"> <li>• TBD</li> <li>• Case Investigation (Pending)</li> </ul> <p><i>Health System Capacity:</i></p> <ul style="list-style-type: none"> <li>• Certification by system leadership</li> </ul> | <p><i>Based on wide-spread availability and adoption of treatment or vaccine</i></p> |

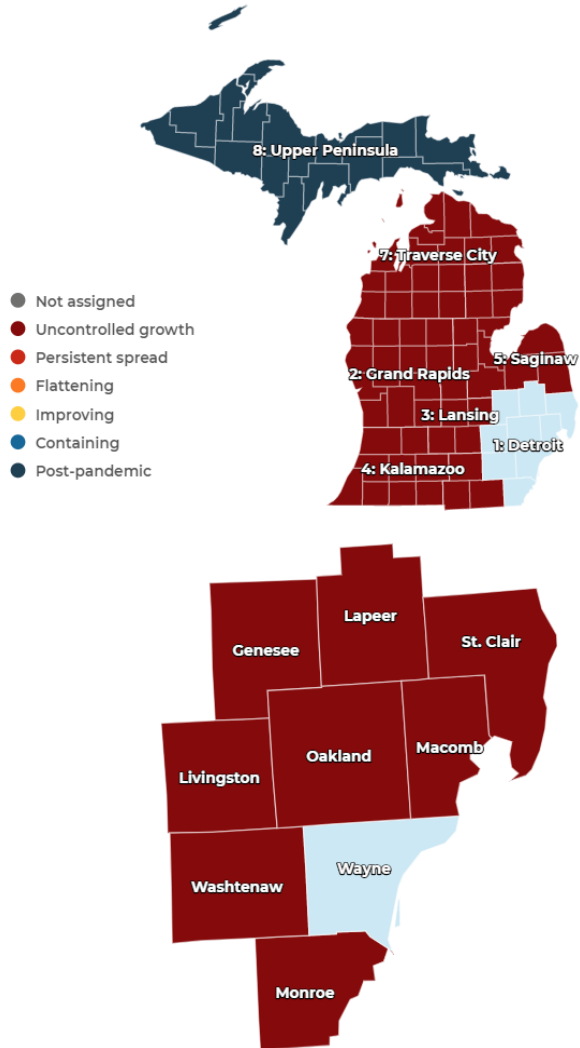
UPDATED with: May 16  
information, \*MDOC included  
in testing only

|              |
|--------------|
| Highest Risk |
| High Risk    |
| Medium-High  |
| Medium Risk  |
| Low Risk     |
| No Risk      |

|                        |                                                           | ~PH 2N + 2S     | ~PH 6           | ~PH 5           | ~PH 3           | ~PH 1           | ~PH 7           | ~PH 1           | PH 8            |
|------------------------|-----------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                        |                                                           | 1               | 2               | 3               | 4               | 5               | 6               | 7               | 8               |
|                        |                                                           | Detroit Metro   | Grand Rapids    | Kalamazoo       | Saginaw         | Lansing         | Traverse City   | Jackson         | Upper Peninsula |
| Cases                  | Case trend                                                | Decrease - 6wks | Decrease - 2wks | Decrease - 2wks | Decrease - 1wk  | Decrease - 3wks | <20 wkly cases  | Decrease - 2wks | <20 wkly cases  |
|                        | Case 3-day surge                                          | No              | No              | No              | No              | No              | No              | No              | No              |
|                        | Cases absolute (1-week average daily cases per million)   | 21.9            | 53.0            | 32.4            | 30.6            | 20.5            | 1.6             | 12.2            | 1.4             |
| Deaths                 | Death trend                                               | Decrease - 5wks | <20 wkly deaths | <20 wkly deaths | <20 wkly deaths | <20 wkly deaths | <20 wkly deaths | <20 wkly deaths | <20 wkly deaths |
|                        | Deaths absolute (1-week average daily deaths per million) | 3.7             | 1.8             | 2.2             | 3.5             | 1.0             | 0               | 1.9             | 0               |
| Testing                | Percent positivity trend                                  | Increase - 1wk  | Decrease - 2wk  | Decrease - 1wk  | Decrease - 1wk  | Increase - 1wk  | Decrease - 4wk  | Increase - 1wk  | Decrease - 4wk  |
|                        | Percent Positivity, weekly average                        | 9.0%            | 7.5%            | 8.5%            | 5.2%            | 4.7%            | 1.1%            | 29.0%           | 0.2%            |
| Public health capacity | Avg daily tests / million                                 | 1297            | 1371            | 1138            | 1036            | 1370            | 882             | 2844            | 2721            |

# MIStartMap

COVID-19 risk phases by region



Epidemic Spread Urgency Levels as of 4/27/2020

3/8/2020

5/6/2020

## Wayne Indicators

### Epidemic Spread

Post-Pandemic

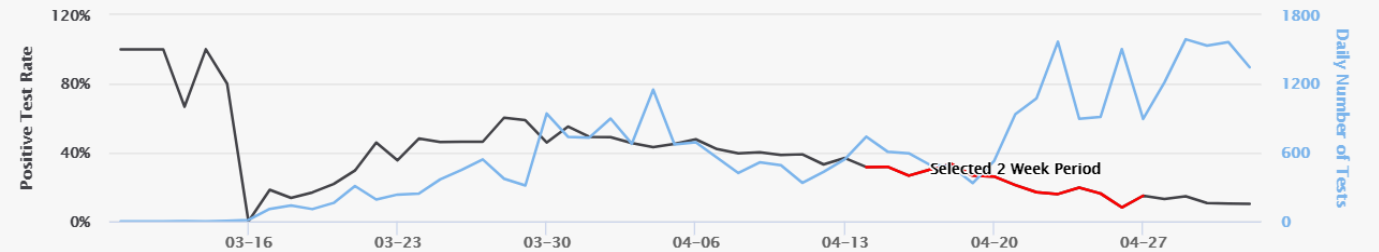
#### Test Results

7774

tests  
prior 7 days

15.5%

positive  
prior 7 days



#### Cases

744

new cases  
prior 7 days

#### Deaths