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Michigan COVID-19 MIS-C Data

Michigan COVID-19 State Data

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5-6-2021

## 2021-05-06\_MichiganOverview\_MISC

Michigan Department of Health & Human Services

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# MIS-C Data and Reporting

## What is MIS-C?

Multisystem Inflammatory Syndrome in Children (MIS-C) is a condition in children and adolescents under 21 years of age where multiple organ systems become inflamed or dysfunctional which occurs in association with illness. Children with MIS-C may have a fever and various symptoms, including abdominal (gut) pain, vomiting, diarrhea, neck pain, rash, bloodshot eyes, or feeling extra tired. We do not yet know what causes MIS-C. However, many children with MIS-C were infected with the virus that causes COVID-19, or had been around someone with COVID-19.

Health care providers and local health departments are asked to maintain a high degree of suspicion for MIS-C in pediatric and adolescent patients presenting with symptoms similar to Kawasaki Disease or ill individuals who have been previously exposed to COVID-19 with signs and symptoms. Patients have presented with persistent fever\*, hypotension, multiorgan (cardiac, gastrointestinal, renal, hematologic, dermatologic, and neurologic) involvement, and elevated inflammatory markers. Respiratory symptoms have been present in some, but are not a common finding.

\*Persistent fever is a measured fever of 100.4°F (38.0°C) or greater for at least 24 hours, or report of subjective fever lasting at least 24 hours.

## Reported Cases of Multisystem Inflammatory Syndrome in Children (MIS-C)

Data will be updated on the first and third Thursdays of the month.

Multisystem Inflammatory Syndrome in Children (MIS-C) Michigan Data Summary 5/6/2021

|  |                       |
|--|-----------------------|
| # Cases Confirmed and Reported to CDC* | 115                   |
| MIS-C associated Deaths                | 5 or fewer            |
| Cases admitted to ICU                  | 80 (69.6%)            |
| Onset Date Range                       | 04/14/20 to 4/21/2021 |
| Age Range                              | 0-20 years            |

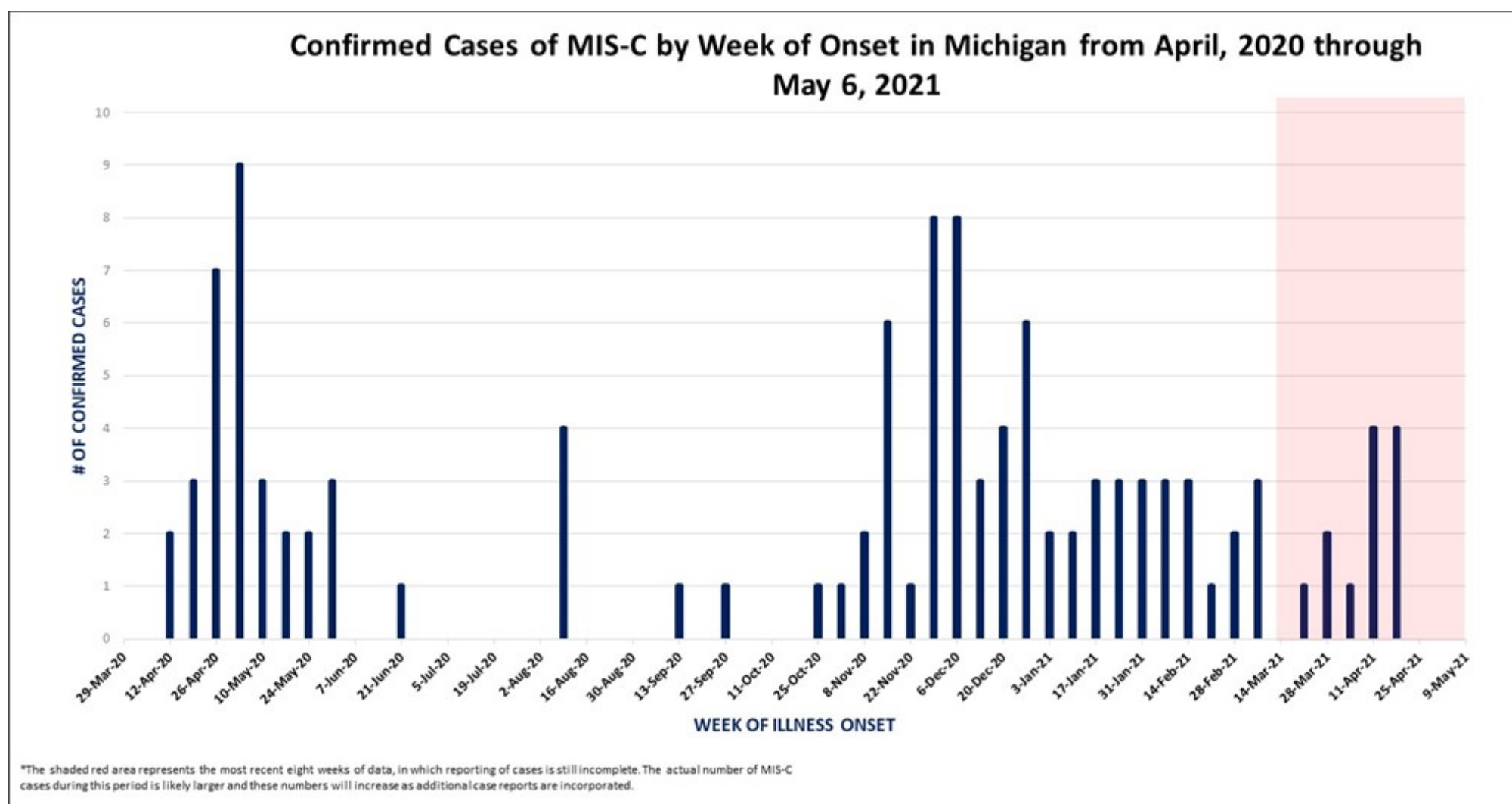
\*Meets CDC Case definition

<https://emergency.cdc.gov/han/2020/han00432.asp>

### DEMOGRAPHIC INFORMATION (N=115)

| Age Group | Count  | %     | Race                   | Count | %     |
|-----------|--------|-------|------------------------|-------|-------|
| 0-4 yrs   | 31     | 27.0% | Black/African American | 44    | 38.2% |
| 5-10 yrs  | 49     | 42.6% | Caucasian              | 54    | 47.0% |
| >10 yrs   | 35     | 30.4% | All Others / Unknown   | 17    | 14.8% |
| Gender    | Counts | %     | Ethnicity              | Count | %     |
| Male      | 67     | 58.3% | Not Hispanic or Latino | 77    | 66.9% |
| Female    | 48     | 41.7% | Hispanic or Latino     | 11    | 9.6%  |
| Unknown   | 0      | 0.0%  | Unknown                | 27    | 23.5% |

Confirmed Cases of MIS-C by Week of Onset in Michigan from April, 2020 through May 6, 2021



*Red shading indicates the expected reporting lag for new cases. Cases with onset dates in this time period may not have been detected or reported yet.*

#### Map by region of case counts

- **MIS-C Fast Fact Sheet**
- Additional information on laboratory testing, other evaluations and treatment are available at CDC's MIS-C webpage: <https://www.cdc.gov/mis-c/hcp/>.
- CDC Case definition - <https://emergency.cdc.gov/han/2020/han00432.asp>
- A recent study of MIS-C patients in a Detroit-area hospital system is available at [https://www.ajemjournal.com/article/S0735-6757\(20\)30873-1/fulltext](https://www.ajemjournal.com/article/S0735-6757(20)30873-1/fulltext).