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Michigan COVID-19 MIS-C Data

Michigan COVID-19 State Data

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9-15-2022

## 2022-09-15\_MichiganOverview\_MISC

Michigan Department of Health & Human Services

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**Coronavirus**

## 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 9/15/2022**

|  |                      |
|--|----------------------|
| # Cases Confirmed and Reported to CDC* | 314                  |
| MIS-C associated Deaths                | 5 or fewer           |
| Cases admitted to ICU                  | 197 (62.7%)          |
| Onset Date Range                       | 4/14/20 to 8/29/2022 |
| Age Range                              | 0-20 years           |

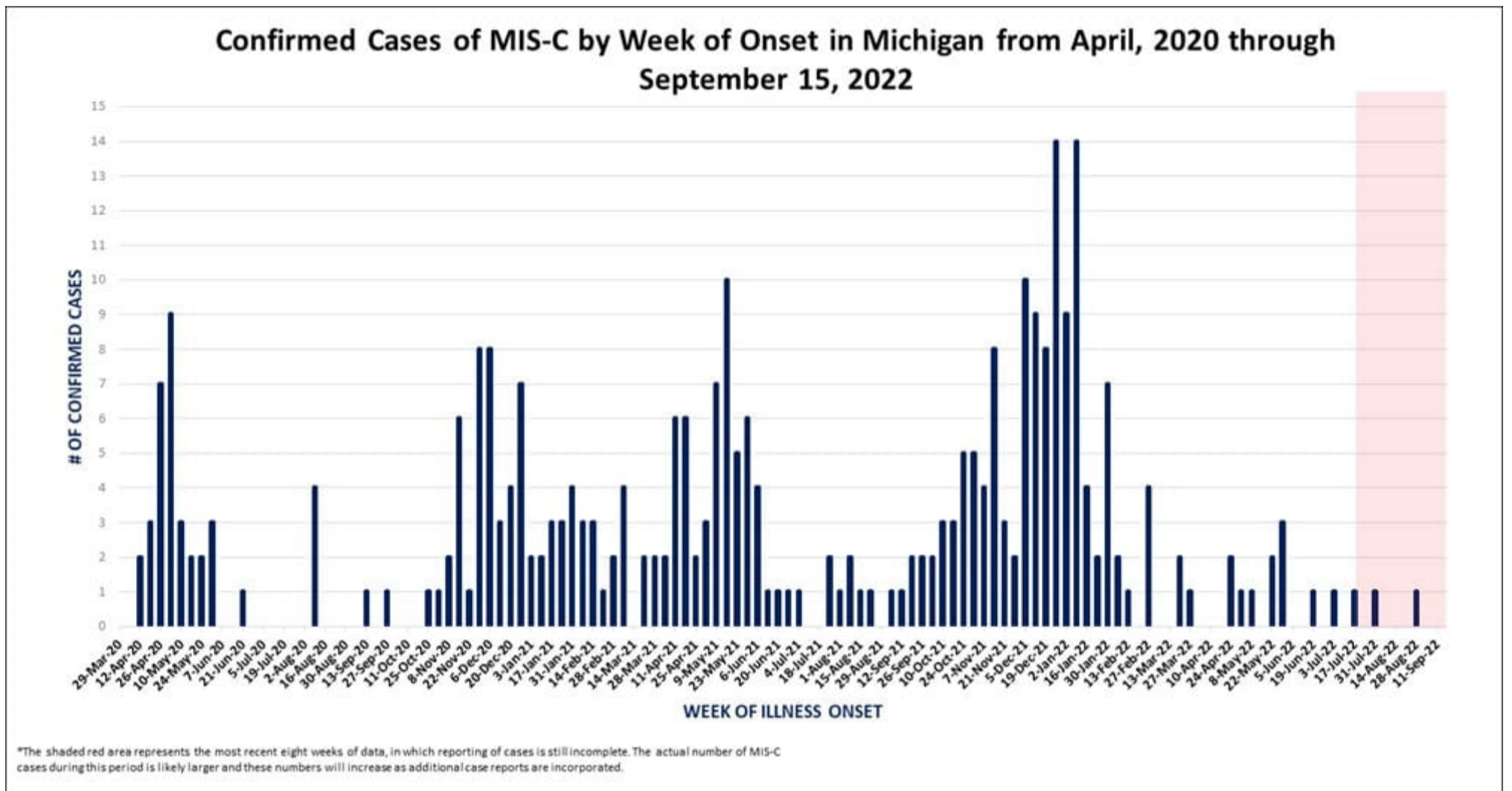
\*Meets CDC Case definition

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

## DEMOGRAPHIC INFORMATION (N=314)

| Age Group | Count  | %     | Race                   | Count | %     |
|-----------|--------|-------|------------------------|-------|-------|
| <1 yrs    | 12     | 3.8%  | Black/African American | 107   | 34.1% |
| 1-4 yrs   | 80     | 25.5% | Caucasian              | 152   | 48.4% |
| 5-11 yrs  | 148    | 47.1% | All Others / Unknown   | 55    | 17.5% |
| 12-15 yrs | 55     | 17.5% |                        |       |       |
| 16-20 yrs | 19     | 6.1%  |                        |       |       |
| Gender    | Counts | %     | Ethnicity              | Count | %     |
| Male      | 195    | 62.1% | Not Hispanic or Latino | 233   | 74.2% |

|         |     |       |                    |    |       |
|---------|-----|-------|--------------------|----|-------|
| Female  | 119 | 37.9% | Hispanic or Latino | 28 | 8.9%  |
| Unknown | 0   | 0.0%  | Unknown            | 53 | 16.9% |



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).



**MIS-C Data and Reporting**

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