



Western Michigan University  
ScholarWorks at WMU

---

Michigan COVID-19 MIS-C Data

Michigan COVID-19 State Data

---

8-26-2021

## 2021-08-26\_MichiganOverview\_MISC

Michigan Department of Health & Human Services

Follow this and additional works at: <https://scholarworks.wmich.edu/michigan-covid-data-state-misc>



Part of the Public Health Commons

---

### WMU ScholarWorks Citation

Michigan Department of Health & Human Services, "2021-08-26\_MichiganOverview\_MISC" (2021).

*Michigan COVID-19 MIS-C Data*. 15.

<https://scholarworks.wmich.edu/michigan-covid-data-state-misc/15>

This Article is brought to you for free and open access by the Michigan COVID-19 State Data at ScholarWorks at WMU. It has been accepted for inclusion in Michigan COVID-19 MIS-C Data by an authorized administrator of ScholarWorks at WMU. For more information, please contact [wmu-scholarworks@wmich.edu](mailto:wmu-scholarworks@wmich.edu).



# 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 8/26/2021

|  |                      |
|--|----------------------|
| # Cases Confirmed and Reported to CDC* | <b>163</b>           |
| MIS-C associated Deaths                | 5 or fewer           |
| Cases admitted to ICU                  | 115 (70.6%)          |
| Onset Date Range                       | 4/14/20 to 7/30/2021 |
| Age Range                              | 0-20 years           |

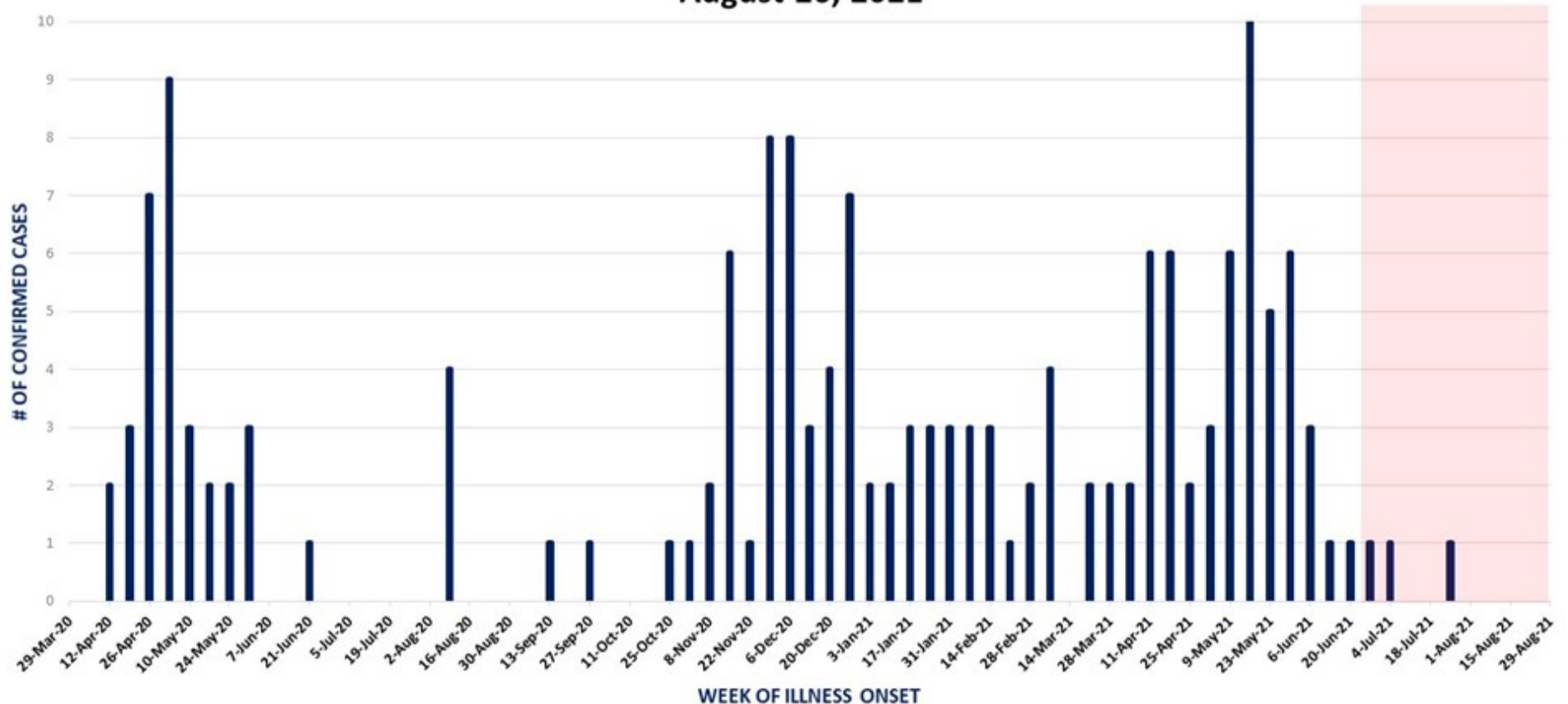
\*Meets CDC Case definition

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

### DEMOGRAPHIC INFORMATION (N=163)

| Age Group | Count  | %     | Race                   | Count | %     |
|-----------|--------|-------|------------------------|-------|-------|
| 0-4 yrs   | 43     | 26.4% | Black/African American | 71    | 43.6% |
| 5-10 yrs  | 67     | 41.1% | Caucasian              | 67    | 41.1% |
| >10 yrs   | 53     | 32.5% | All Others / Unknown   | 25    | 15.3% |
| Gender    | Counts | %     | Ethnicity              | Count | %     |
| Male      | 93     | 57.1% | Not Hispanic or Latino | 115   | 70.5% |
| Female    | 70     | 42.9% | Hispanic or Latino     | 13    | 8.0%  |
| Unknown   | 0      | 0.0%  | Unknown                | 35    | 21.5% |

### Confirmed Cases of MIS-C by Week of Onset in Michigan from April, 2020 through August 26, 2021



\*The shaded red area represents the most recent eight weeks of data, in which reporting of cases is still incomplete. The actual number of MIS-C cases during this period is likely larger and these numbers will increase as additional case reports are incorporated.

*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).