



Western Michigan University
ScholarWorks at WMU

Michigan COVID-19 MIS-C Data

Michigan COVID-19 State Data

3-3-2022

2022-03-03_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, "2022-03-03_MichiganOverview_MISC" (2022).

Michigan COVID-19 MIS-C Data. 29.

<https://scholarworks.wmich.edu/michigan-covid-data-state-misc/29>

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.



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 3/3/2022

| # Cases Confirmed and Reported to CDC* | 277 |
|--|---------------------|
| MIS-C associated Deaths | 5 or fewer |
| Cases admitted to ICU | 185 (66.8%) |
| Onset Date Range | 4/14/20 to 2/2/2022 |
| Age Range | 0-20 years |

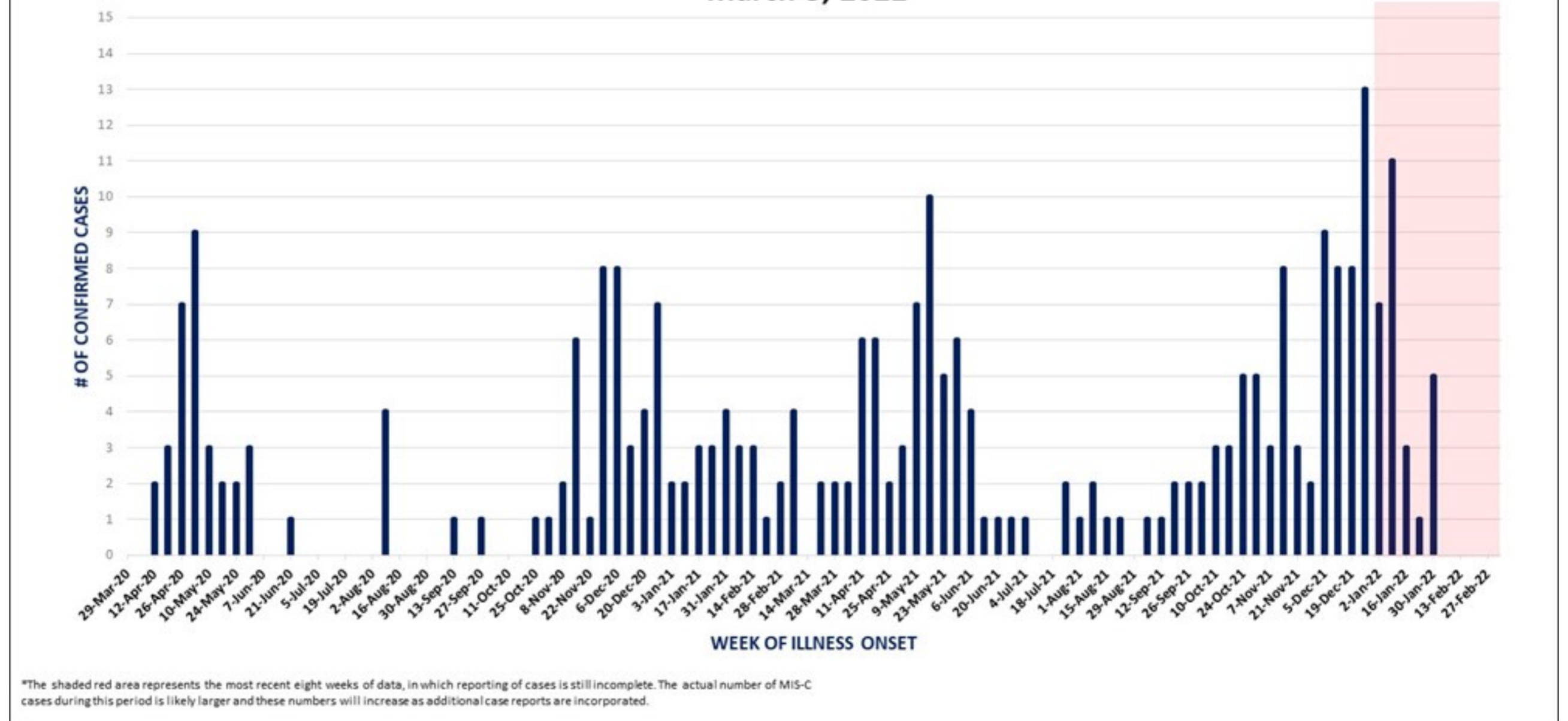
*Meets CDC Case definition

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

DEMOGRAPHIC INFORMATION (N=277)

| Age Group | Count | % | Race | Count | % |
|-----------|--------|-------|------------------------|-------|-------|
| <1 yrs | 9 | 3.2% | Black/African American | 101 | 36.5% |
| 1-4 yrs | 63 | 22.7% | Caucasian | 131 | 47.3% |
| 5-11 yrs | 136 | 49.1% | All Others / Unknown | 45 | 16.2% |
| 12-15 yrs | 50 | 18.1% | | | |
| 16-20 yrs | 19 | 6.9% | | | |
| Gender | Counts | % | Ethnicity | Count | % |
| Male | 173 | 62.5% | Not Hispanic or Latino | 207 | 74.7% |
| Female | 104 | 37.5% | Hispanic or Latino | 23 | 8.3% |
| Unknown | 0 | 0.0% | Unknown | 47 | 17.0% |

Confirmed Cases of MIS-C by Week of Onset in Michigan from April, 2020 through March 3, 2022



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).