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Michigan COVID-19 MIS-C Data

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10-21-2021

## 2021-10-21\_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 10/21/2021**

<b># Cases Confirmed and Reported to CDC*</b>	<b>172</b>
MIS-C associated Deaths	5 or fewer
Cases admitted to ICU	122 (70.9%)
Onset Date Range	4/14/20 to 10/5/2021
Age Range	0-20 years

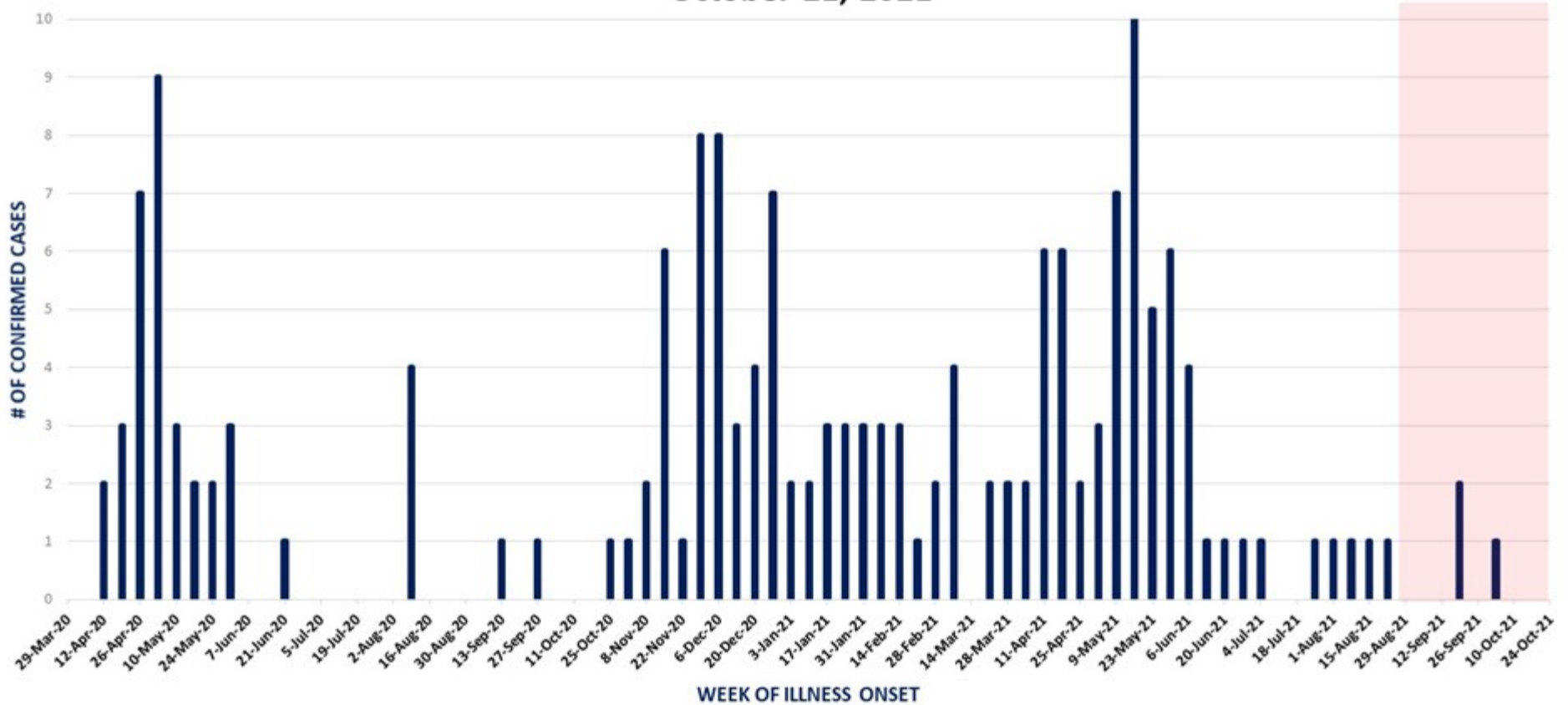
\*Meets CDC Case definition

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

### DEMOGRAPHIC INFORMATION (N=172)

Age Group	Count	%	Race	Count	%
0-4 yrs	46	26.7%	Black/African American	73	42.4%
5-10 yrs	69	40.1%	Caucasian	72	41.9%
>10 yrs	57	33.2%	All Others / Unknown	27	15.7%
Gender	Counts	%	Ethnicity	Count	%
Male	99	57.6%	Not Hispanic or Latino	123	71.5%
Female	73	42.4%	Hispanic or Latino	14	8.1%
Unknown	0	0.0%	Unknown	35	20.4%

**Confirmed Cases of MIS-C by Week of Onset in Michigan from April, 2020 through October 21, 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).