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Michigan COVID-19 MIS-C Data

Michigan COVID-19 State Data

12-15-2022

2022-12-15_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 12/15/2022

# Cases Confirmed and Reported to CDC*	320
MIS-C associated Deaths	5 or fewer
Cases admitted to ICU	199 (62.2%)
Onset Date Range	4/14/20 to 11/13/2022
Age Range	0-20 years

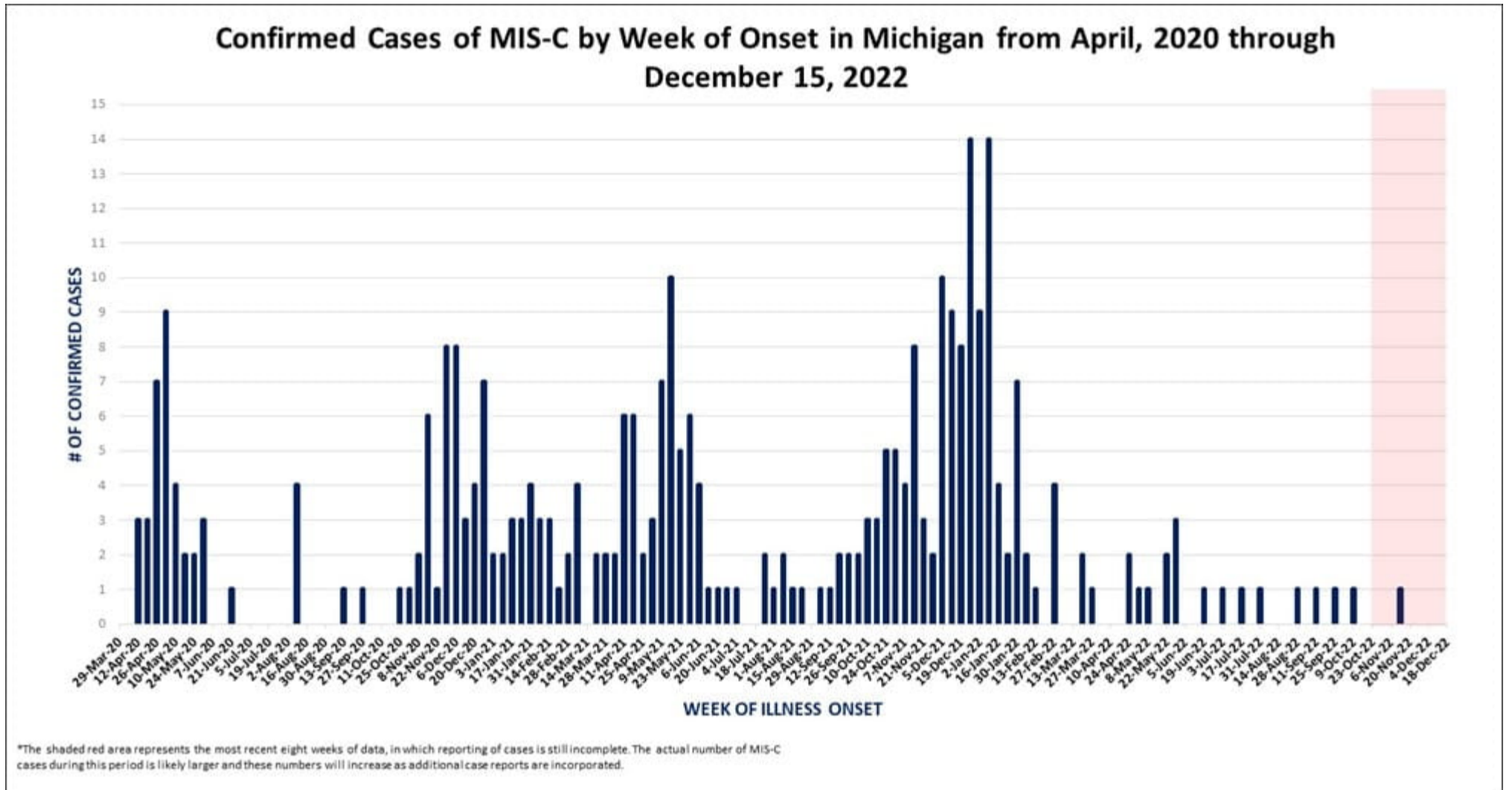
*Meets CDC Case definition

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

DEMOGRAPHIC INFORMATION (N=320)

Age Group	Count	%	Race	Count	%
<1 yrs	13	4.1%	Black/African American	110	34.4%
1-4 yrs	82	25.6%	Caucasian	154	48.1%
5-11 yrs	150	46.9%	All Others / Unknown	56	17.5%
12-15 yrs	56	17.5%			
16-20 yrs	19	5.9%			

Gender	Counts	%	Ethnicity	Count	%
Male	197	61.6%	Not Hispanic or Latino	237	74.1%
Female	123	38.4%	Hispanic or Latino	28	8.7%
Unknown	0	0.0%	Unknown	55	17.2%



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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