



So many at the regional, state and national level are working on this pediatric viral illness capacity crisis, including all the hospitals in Michigan who care for children



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Chief of Staff




**EIIC**  
EMSC Innovation and Improvement Center

**WRAP-EM**

Western Regional Alliance for Pediatric Emergency Management



## Providing Care for Pediatric Patients with Acute Respiratory Illness:


 The Region 1 RDHRS has established a weekly educational series comprised of six sessions to provide clinical teams from nursing, provider, and respiratory therapy disciplines with information and resources that can support their work to meet the healthcare needs of pediatric patients.

## RDHRS WEBINAR SERIES PROVIDING CARE FOR PEDIATRIC PATIENTS WITH ACUTE RESPIRATORY ILLNESS

[Webinar Registration - Zoom](#)

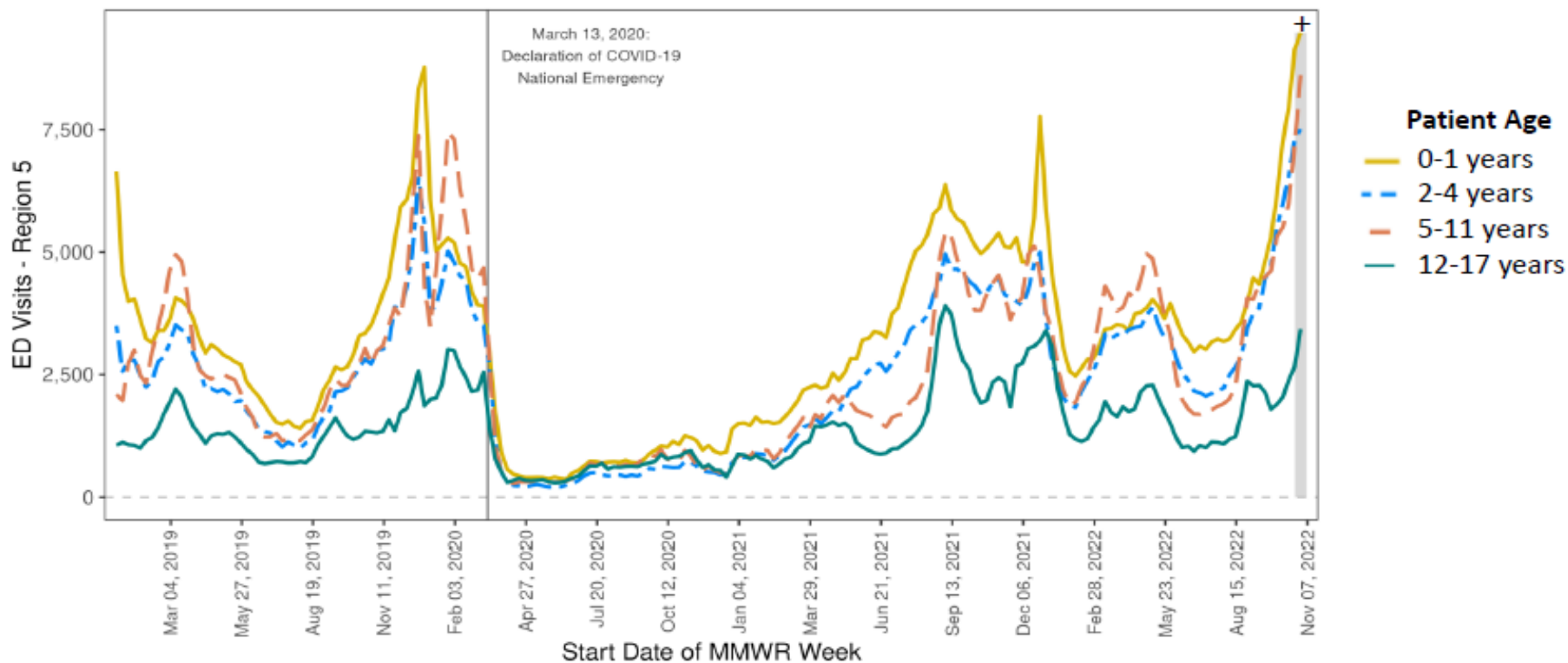
## RDHRS WEBINAR SERIES PROVIDING CARE FOR PEDIATRIC PATIENTS WITH ACUTE RESPIRATORY ILLNESS

[REGISTER HERE FOR ALL SESSIONS](#)

<b>Session 1</b>	Assessment and Management of the Pediatric Patient with Acute Respiratory Illness	Thursday, November 17th 2022 12:00 PM - 1:00 PM
<b>Session 2</b>	High Flow Nasal Cannula (HFNC) Therapy for Bronchiolitis: Managing Pediatric HFNC Outside of the ICU	Wednesday, November 23rd 2022 12:00 PM - 1:00 PM
<b>Session 3</b>	Providing Non-Invasive Ventilation (NIV) for Pediatric Patients	Wednesday, November 30th 2022 12:00 PM - 1:00 PM
<b>Session 4</b>	Safe Pediatric Intubation	Wednesday, December 7th 2022 12:00 PM - 1:00 PM
<b>Session 5</b>	Interim Management of the Patient with Respiratory Illness Awaiting Transfer for Hospitalization	Wednesday, December 14th 2022 12:00 PM - 1:00 PM
<b>Session 6</b>	Disposition Planning	Wednesday, December 21st 2022 12:00 PM - 1:00 PM

Webinar recordings will be posted to <https://www.rdhhs.org/>

# REGION 5: Weekly U.S. Emergency Department (ED) Visits in Patients with Acute Respiratory Illness\*, Ages 0-1, 2-4, 5-11, and 12-17 Years, Dec 30, 2018, to Nov 5, 2022, National Syndromic Surveillance Program



+The most recent week of data may be incomplete

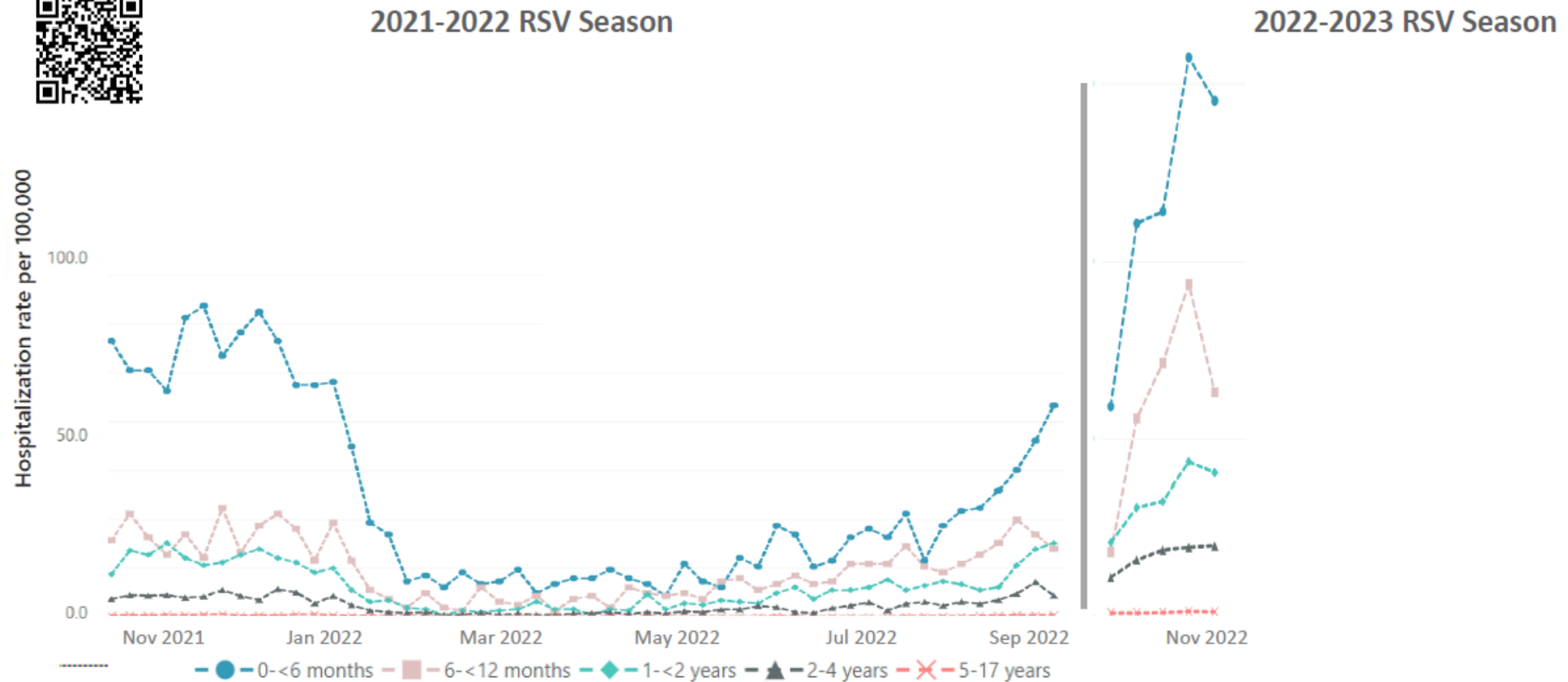
\*The CDC Broad Acute Respiratory Discharge Diagnosis (DD) v1 definition identifies ED visits with general respiratory infections (e.g., influenza, respiratory syncytial virus, or COVID-19) as well as general respiratory illness such as cough or pneumonia. These are identified in discharge diagnoses. Counts limited to the subset of NSSP facilities with consistent reporting to NSSP and with high quality diagnosis codes throughout the time period.

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# Weekly Rates of RSV-Associated Hospitalizations among Children Ages <18 years by Age Group– RSV-NET, 2021-2022

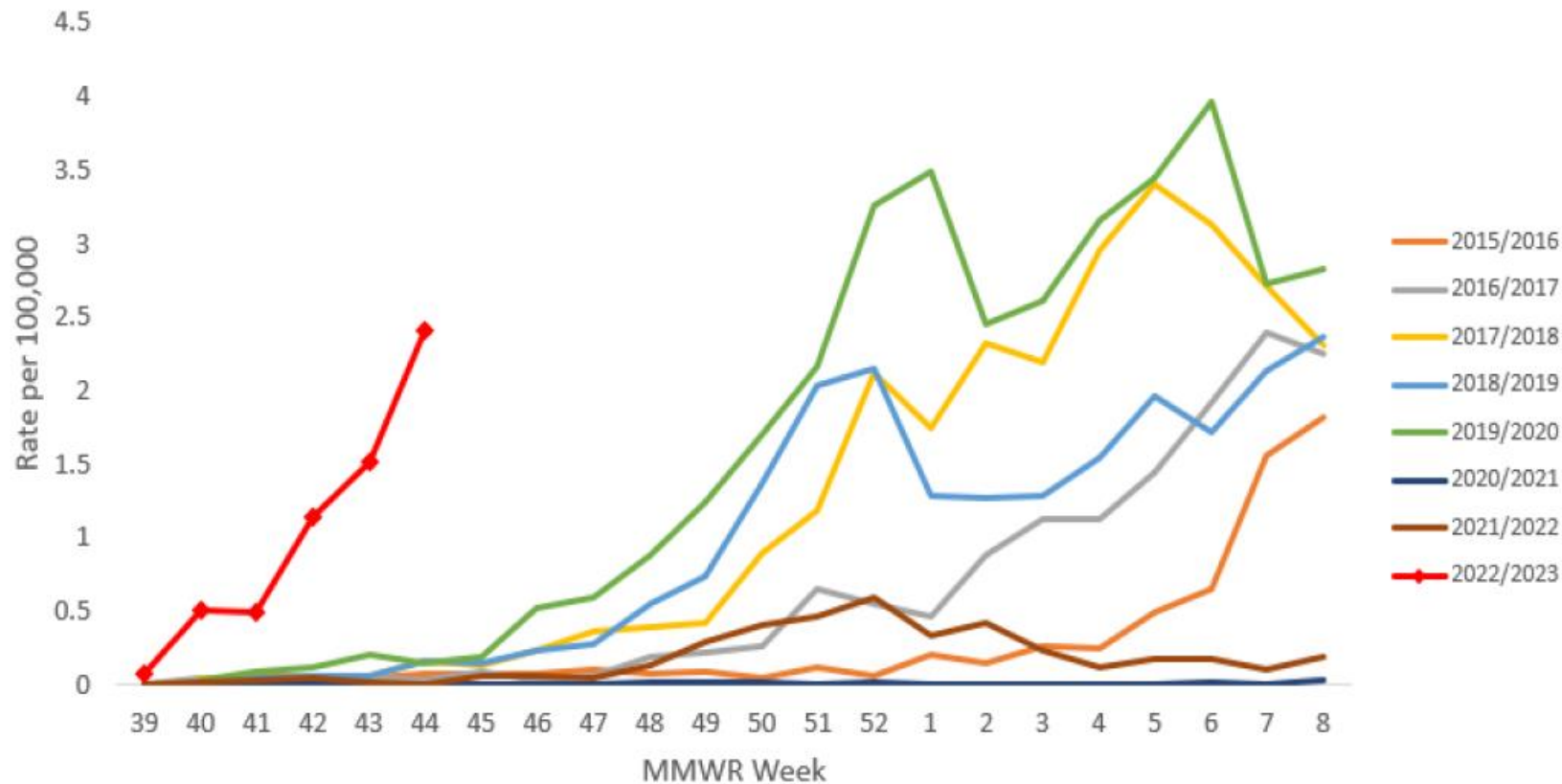
RSV-NET Interactive Dashboard



Data are subject to reporting lag. Rates presented likely underestimate actual rates of RSV hospitalization as cases are defined as those with a positive test, and not all patients might be tested for RSV. Rates are unadjusted and do not account for changing testing practices over time. Data for May and June 2022 are incomplete.

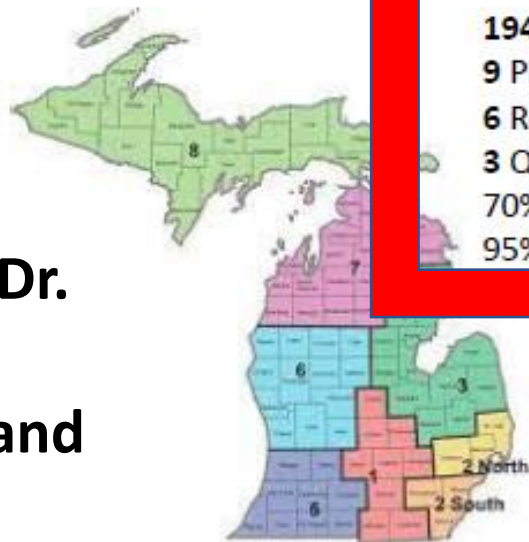
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# Weekly Rates of Influenza-Associated Hospitalization in Children <18 years by surveillance season - FluSurv-NET, 2014-2022

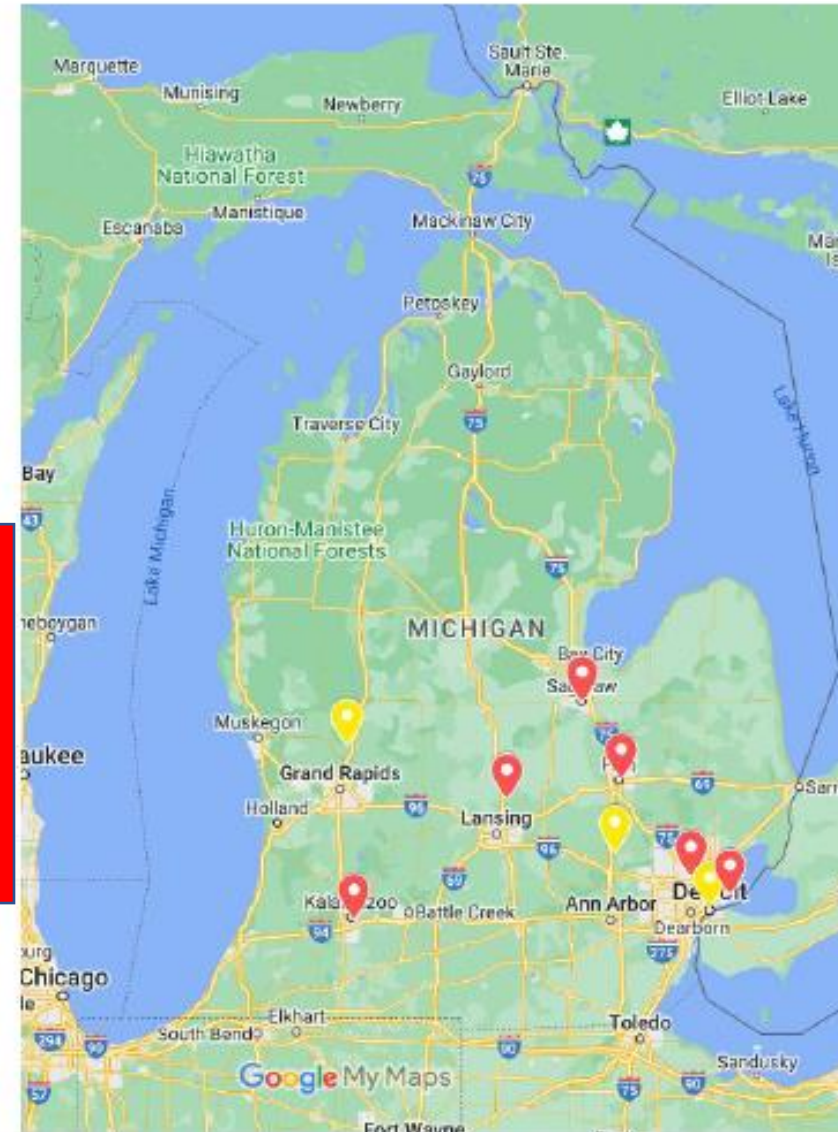


# Children's Care leaders in Michigan are attempting to create a Critical Care Safety Net with the potential for load leveling

Statewide Pediatrics - Update		HCC Daily COVID Inventory
Statewide Pediatric		
Status Type Summary	Total	
Available PICU Beds	0	
Available PICU Beds (Michigan - Region 2N)	0	
Available PICU Beds (Michigan - Region 2S)	0	
Available PICU Beds (Michigan - Region 3)	0	
Available PICU Beds (Michigan - Region 5)	1	
Available PICU Beds (Michigan - Region 6)	7	
Available PICU Beds (Michigan - Region 7)	0	
Available PICU Beds (Michigan - Region 8)	0	



**194 PICU Beds**  
**9 PICUs**  
**6 Regional (red)**  
**3 Quaternary (Yellow)**  
**70% beds In Big 3**  
**95% Quaternary in Big 3**



Courtesy of Dr.  
 Matt  
 Denenberg and  
 MHA

# Additional Resources

- [Treatment of RSV](#)
- [Training for Adult ICU to care for kids and Fundamentals Course](#)
- [Crisis Standards](#)
- [Prior Town Hall Meetings](#)
- [Just-in-Time Manual](#)

[Some quick teaching points on bronchiolitis for those of you who don't tweet – PEMBlog \(pemcincinnati.com\)](#)

**Modified from content created by ASPR and Dr. Deanna Dahl-Grove of the Region V for Kids Center of Excellence and the WRAP-EM Center of Excellence**

[Peds Disaster Handbook WRAP-EM ED Sec Recommendations Oct 12 2021 Version](#)

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