



July 24, 2026

Weekly Situational Awareness Brief

Awareness Topics

Children's Health and Wildfires A Resource for Families

"Wildfire Smoke Factsheet"

Wildfires are breeding worse air quality. Here's how to help your patients protect their lungs

"Wildfire smoke is once again turning summer into a public health emergency. Ahead of the July 17 weekend, smoke from Canadian wildfires has spread across more than 20 US states, driving air quality to unhealthy—and in some areas hazardous—levels from the Midwest to the Northeast."

New 'natural kratom' with a vicious risk profile: What is 7-OH?

"Across the US, clinicians are encountering patients who report spending astonishing amounts of money—sometimes \$100, \$200, or even more per day—on products marketed as 7-OH and sold primarily at gas stations and smoke shops."

Surveillance of Cyclosporiasis

“Since May 1, 2026, CDC has received reports of 4,173 laboratory-confirmed domestic cases of cyclosporiasis and is aware of more than 7,400 additional cases that are not yet laboratory confirmed and require further investigation and analysis. Many of the additional cases have been reported by Michigan and Ohio.”

Public Health Alerts: Many US accidental drug overdoses could be prevented if bystanders present

“Timeliness of drug overdose response efforts may be improved when bystanders are present to provide life-saving care. From January 2022 through December 2024, a total of 191,577 unintentional or undetermined intent overdose deaths occurred in 46 U.S. states and Washington, DC. Of these, 75.5% occurred in isolation (i.e., with no evidence of a bystander present or with a bystander spatially separated from the decedent), and 55.0% occurred in isolation in a house or apartment setting.”

Patterns in Industrial Accidents: Lessons for Emergency Response

“Across refineries, chemical plants, food processing facilities, and manufacturing sites, these reports reveal recurring patterns in how complex systems fail: Industrial accidents often begin during routine work, escalate through cascading failures, and unfold amid incomplete information, degraded safeguards, and decisions made under pressure.”

Measles cases reach 35-year high in US

“It’s only July, but the United States has already recorded 2,295 measles cases this year, a number not seen since 1991, according to new data published on the Johns Hopkins University measles tracker.”

Upcoming MESH Educational Offerings

2026 MESH Grand Rounds Series Q3 Surge: Managing Multi-Patient Incidents with Chief Christopher Chiara

This presentation will:

- Identify the challenges of multi-patient incidents and introduce best practices to address those challenges.
- Highlight the importance of a common operating perspective in incidents that require inter-agency coordination.
- Demonstrate training initiatives that lead to success in low-frequency, high-acuity.

August 18, 2026 | 1-2 PM EST | Live, via Zoom | No Charge

Visit our Website

Upcoming MESH Conference Presentations

IHEPS 2026

Dr. James M. Floyd, Jr. | Keynote Session | Setting Down What Isn't Yours: An Overview of Vicarious Trauma

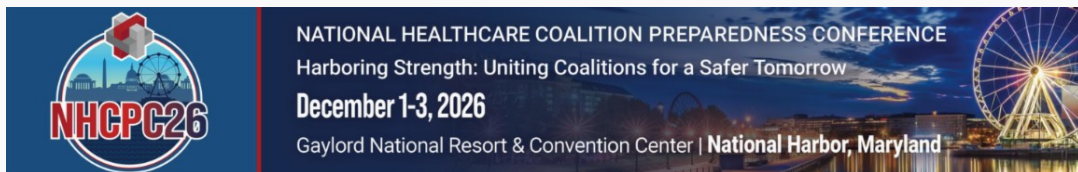
September 3, 2026 | Renaissance Indianapolis North Hotel

NHCPC 2026

Dr. James M. Floyd, Jr. | Psychological PPE

December 1-3, 2026 | Gaylord National Resort & Convention Center

Registration is now open for NHCPC26!
Click here to register and lock in the lowest rate.



Events

[Click Here for Current and Upcoming Events List](#)

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MESH serves as the designated Medical Multi-Agency Coordination Center for Marion County, Indiana. The MESH Intelligence Program is a joint-effort between the City of Indianapolis Emergency Management Agency and the Marion County Public Health Department designed to provide real-time information and support to the healthcare sector in the Indianapolis area.

Assistance with info or questions at: MESHintel@meshcoalition.org

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