



July 11, 2025

Weekly Situational Awareness Brief

Awareness Topics

Trends in US Children's Mortality, Chronic Conditions, Obesity, Functional Status, and Symptoms

"US children's health has deteriorated across a broad spectrum of indicators, highlighting the need to identify the root causes of this fundamental decline in the nation's health."

Geographic Distribution of Tickborne Disease Cases

"Reported cases of selected tickborne diseases by county of residence in the United States."

Measles Cases and Outbreaks

"There have been 27 outbreaks** reported in 2025, and 88% of confirmed cases (1,130 of 1,288) are outbreak-associated. For comparison, 16 outbreaks were reported during 2024 and 69% of cases (198 of 285) were outbreak-associated."

Improving Support for Family Caregivers

"Despite the great joy and meaning that many people find in supporting their loved ones, they're more likely to experience depression, anxiety, and chronic health conditions," said Meredith Doherty of the University of Pennsylvania. "The health effects of caregiving are not a simple fact of life that we have to accept. They're actually a product of how we as a society decide to use our resources."

Summer seasonal depression is real and deadly

“When you think of seasonal affective disorder (SAD)—a type of cyclical depression that affects people when the seasons shift—you likely envision the cold, dark dreags of winter. However, summer seasonal depression, also known as reverse SAD, is also a reality.”

CISA Identifies Key Vulnerabilities Exploited by Iranian Cyber Actors

“The Cybersecurity and Infrastructure Security Agency (CISA) has released a Cyber Vulnerability Insights Estimate (CVIE) detailing 90 known Common Vulnerabilities and Exposures (CVEs) that Iranian state-sponsored or affiliated cyber actors have targeted or exploited, some dating back to 2012. Of those, 54 vulnerabilities are currently present across U.S. critical infrastructure networks.”

One Big Beautiful Bill Law Summary

“This budget package will have sweeping impacts across Medicaid, the Affordable Care Act (ACA), food nutrition programs, and more.”

Integrating Research Labs Into Emergency Response

“BSL-3 and BSL-4 laboratories are no longer peripheral research assets—they are frontline components of a modern, responsive public health system. These high-containment facilities enable rapid identification, characterization, and control of high-consequence pathogens and play a critical role in both routine surveillance and emergency response.”

Upcoming MESH Educational Offerings

Naloxone Administration **Opioid Overdose Prevention Training**

July 17, 2025 | 10 am, 11 am, or 1 pm EST | 1202 West 16th Street, Indianapolis, IN 46202

Grand Rounds with Sam Lashley

August 12, 2025 | 1-2 pm EST | LIVE via Zoom

Caring for You, Caring for Me

Six-Session Course, Wednesdays - August 20 - September 24, 2025 | 1-3:30 pm EST | LIVE via Zoom

Talk Saves Lives

August 21, 2025 | 1-2 pm EST | LIVE via Zoom

OSHA Workplace Stress Management

August 28, 2025 | 1-4 pm EST | LIVE via Zoom

For more education and training opportunities presented by
MESH, visit us at

<https://www.meshcoalition.org/educationandtraining>.

Events

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

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