



October 3, 2025

Weekly Situational Awareness Brief

Awareness Topics

Risks to the Unborn: An Umbrella Review on the Effects of Prenatal Maternal Stress Caused by Natural Disasters

"This umbrella review integrates and summarizes current research on the diverse developmental consequences of prenatal maternal stress caused by natural disasters. The cumulative evidence strongly suggests that the effect of maternal stress during pregnancy does not end after pregnancy but can lead to a wide range of detrimental effects on a child's development throughout the whole lifespan."

Health Care Costs of Firearm Injury Hospital Visits in the US

"Child and adult firearm injury is a substantial source of health care cost in the US and has risen over time."

Child and Adolescent Firearm-Related Homicide Occurring at Home

"In this national US cohort study, nearly one-quarter of 2196 pediatric firearm-related homicides and nearly two-thirds of homicides among young children (younger than 13 years) occurred at home. Intimate partner violence and child abuse were associated with more than one-quarter of in-home homicides."

FDA Announces Expansion of Early Alert Communications to All CDRH Medical Devices

“What is an Early Alert? After the success of the pilot, Early Alert communications expanded on Sept. 29, 2025, and CDRH will now issue Early Alerts for potentially high-risk removals or corrections for all medical devices.”

American Burn Association Sounds Alarm on Burn Injuries from Lithium-Ion Devices; Calls for Action Following FAA Safety Alert

“The American Burn Association (ABA) is raising urgent concerns over the growing number of burn injuries caused by lithium-ion batteries in consumer products, including e-scooters, power banks, and heated footwear.”

Federal Government Shutdown Update: Contingency Plans Released

“Over the weekend, the administration released contingency staffing and operational plans for various agencies. We encourage state and territorial health officials to review the documents in full.”

Mental Health and Substance Use Linked in New Survey

“Individuals with mental health conditions are at increased risk of developing a substance use disorder, according to the Substance Abuse and Mental Health Services Administration (SAMHSA), often because they may self-medicate with drugs or alcohol.”

Tularemia Antimicrobial Treatment and Prophylaxis: CDC Recommendations for Naturally Acquired Infections and Bioterrorism Response — United States, 2025

“Changes and Updates to Previous Recommendations”

Upcoming MESH Educational Offerings

The New Change Leader

Whether you're an emerging leader or a seasoned manager, this course will equip you with the tools to lead with impact and drive progress from the inside out.

October 8, 2025 | 9 am-5 pm EST | LIVE via Zoom

Talk Saves Lives

An Introduction to Suicide Prevention is an evidence-based education program created by the American Foundation for Suicide Prevention.

October 15, 2025 | 10-11 am EST | LIVE via Zoom

Talk Saves Lives

An Introduction to Suicide Prevention is an evidence-based education program created by the American Foundation for Suicide Prevention.
October 22, 2025 | 7-8 pm EST | LIVE via Zoom

Q4 MESH Grand Rounds with Dr. Jim Floyd

Geospatial Insights: Hazard Vulnerability and Community-Based Asset Mapping.
October 28, 2025 | 1-2 pm EST | LIVE via Zoom

[Visit our Website](#)

Upcoming MESH Conference Presentations

2025 IASN Annual School Nurse Conference

Monica Morphew, RN, BSN, MS(c), and Dr. Jim Floyd will be presenting "Mass Casualty Presentation."
November 10 & 11, 2025

National Healthcare Coalition Preparedness Conference 2025

Dr. Jim Floyd is presenting "Geospatial Insights: Hazard Vulnerability and Community-Based Asset Mapping" and "Psychological Safety at Work."
December 1-3, 2025

Events

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

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