



August 2, 2024 Weekly Situational Awareness Brief

Awareness Topics

Listeria Outbreak Linked to Meats Sliced at Delis

“Listeria is especially harmful to people who are pregnant, aged 65 or older, or with weakened immune systems. CDC always recommends people at higher risk for listeriosis avoid eating meats sliced at the deli or heat them to an internal temperature of 165°F or until steaming hot before eating.”

Posttraumatic Stress Disorder Among Adults in Communities With Mass Violence Incidents

“Mass violence incidents (MVIs) are prevalent in the US and can have profound and long-lasting psychological consequences on direct survivors, but their outcomes among the broader communities where the MVI occurred are unknown.”

More Extremely Hot Days for School Sports

“Sports and extreme heat can be a dangerous mix. Heat is the deadliest weather-related hazard in the U.S. And athletes are among those most at risk. Exercising or playing sports outdoors in extreme heat can add increased stress to your body, putting you at risk of dehydration and heat-related illness. “

Social Vulnerability and Prevalence and Treatment for Mental Health and Substance Use Disorders

“What is the association between social vulnerability and mental health and substance use disorders and related treatment in the US noninstitutionalized population of adults aged 18 years and older? In this survey study of 4674 participants from US households, large increases in several mental health and substance use disorders and corresponding decreases in treatment were found in the most socially vulnerable communities. The findings suggest that routine measurement of social vulnerability might assist in developing more comprehensive care models that integrate medical and social care for mental health and substance use disorders.”

DDH Online Peer Support Communities

“In an effort to broaden our reach to disaster survivors and emergency responders, the Disaster Distress Helpline has developed online peer support communities through Facebook Groups for those who have experienced a natural or human-caused disaster. These online communities offer opportunities for survivors and responders to connect with others who have experienced similar events, share accurate information and trusted resources, and help one another continue to heal from the effects of a traumatic event.”

BARDA Pandemic Influenza Preparedness and Response Strategy

“BARDA supports advanced development and regulatory approval/clearance for vaccines, therapeutics, and diagnostics to detect, prevent, and treat pandemic influenza infection. In addition, BARDA supports the Nation’s vaccine response readiness capabilities through continual development and testing of vaccine candidates against the ever-evolving influenza strains of pandemic potential, including H5N1, as well as sustaining the Nation’s vaccine manufacturing capacity.”

FDA alerts health care providers, compounders and patients of dosing errors associated with compounded injectable semaglutide products

“FDA has received reports of adverse events, some requiring hospitalization, that may be related to overdoses due to dosing errors associated with compounded semaglutide injectable products. Dosing errors have resulted from patients measuring and self-administering incorrect doses of the drug and health care providers miscalculating doses of the drug.”

Blood Biomarkers to Detect Alzheimer Disease in Primary Care and Secondary Care

“One in 5 women and 1 in 10 men develop dementia due to Alzheimer disease. Individuals with cognitive symptoms are first seen in primary care, with a minority being referred to secondary care. Symptomatic Alzheimer disease is misdiagnosed in 25% to 35% of patients treated at specialized clinics and likely even more patients treated in

primary care. Tests sometimes available only at specialized clinics, such as positron emission tomography (PET) or the collection of cerebrospinal fluid to assess Alzheimer disease biomarkers, reduce the rate of misdiagnosis.”

Generation X and Millennials in U.S. Have Higher Risk of Developing 17 Cancers Compared to Older Generations, New Study Suggests

“American Cancer Society researchers stress the need for interventions to address the rising burden of early-onset cancers in younger generations.”

Upcoming MESH Educational Offerings

August 6 (free) - MESH Grand Rounds Series

(Virtual. Registration required.)

August 20 (free) - A.W.A.R.E. MindfulnessSM Level 1

(Virtual. Registration required.)

August 27 (\$30) - OSHA Workplace Stress Management Safety

(Virtual. Registration required.)

September 3 and 5 (\$80) - Coaching Essentials

(Virtual. Registration required.)

Events

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

MESH does not assume any liability for the content, materials, information, and opinions provided within this communication. Further, MESH disclaims any liability resulting from use of any content within this communication. Information contained in this communication is provided "as is," with all faults. Neither MESH, nor any person associated with MESH, makes any warranty or representation with respect to the quality, accuracy, or availability of this information.

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

To sign up for MESH Coalition Weekly Situational Awareness Briefs, subscribe at the bottom of our homepage at meshcoalition.org

