



## Public Health Advisory

03/05/2025

**Call for Cases: Pediatric Influenza-Associated Encephalopathy (IAE) October 1, 2024 - Present**

### SITUATIONAL AWARENESS SUMMARY

- In January 2025, the Centers for Disease Control and Prevention (CDC) received several anecdotal reports of pediatric cases of acute necrotizing encephalopathy (ANE), including two deaths.
- CDC is investigating reports of pediatric influenza-associated encephalopathy and encephalitis (IAE) including ANE.
- There is currently no national surveillance for ANE or IAE, and it is not known whether reported cases are within the expected range or exceed it.

**The Southern Nevada Health District recommends that pediatric healthcare providers consider IAE or ANE if a patient meets the following criteria:**

1. Age under 18 years
2. Admitted to an acute care hospital or pronounced dead in an emergency department from October 1, 2024 through May 30, 2025
3. Laboratory-confirmed influenza virus infection within 14 days preceding hospital presentation, during hospitalization, or detected in respiratory specimens collected post-mortem
4. Documented neurologic abnormalities (meeting one or more of the following):
  - a. Diagnosis of encephalopathy or encephalitis
  - b. Neurologic signs or symptoms (including but not limited to,) seizures, altered mental status, delirium, decreased level of consciousness, lethargy, hallucinations, or personality changes lasting more than 24 hours
  - c. Neuroimaging abnormalities such as brain inflammation, or lesions
  - d. Electroencephalogram abnormalities
  - e. Abnormal brain autopsy findings, if available, for children who have died

**If you have encountered or are currently managing any cases that meet the criteria for IAE or ANE, please report the case to Southern Nevada Health District Acute Communicable Disease Control Program at (702) 759-1300.**

A handwritten signature in blue ink that reads 'Cassius Lockett'.

Cassius Lockett, PhD  
District Health Officer  
Southern Nevada Health District

**Health Alert:** conveys the highest level of importance; warrants immediate action or attention

**Health Advisory:** provides important information for a specific incident or situation; may not require immediate action

**Health Update:** provides updated information regarding an incident or situation; unlikely to require immediate action

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