



TN NHSN User Call

from the Tennessee Department of Health

TN

Tuesday February 18, 2025

Agenda

- **Call for Cases**
 - Simone Godwin, DVM, MPH, MS, CIC
- **Respiratory Illness, NHSN, and TRAIN Updates**
 - Ashley Gambrell, MPH
- **Lab Web Portal Update**
 - Erin Hitchingham, MPH, CPH
- **Tennessee-Wide Infection Control Education (Twice)**
 - Kate Moore, MSN, RN, CIC
- **VAE Webinar**
 - Marissa Turner, MPH

TDH NHSN Team

- **Ashley Gambrell, MPH**
 - **Senior NHSN Epidemiologist**
- **Vicky Lindsey, AAS, RN, CIC**
 - **Senior NHSN Public Health Nurse Consultant**
 - **Lead Technological Assistance**
 - **Infection Prevention and Control Specialist**
- **Marissa Turner, MPH**
 - **Assistant NHSN Epidemiologist**
- **Alex Kurutz, MPH**
 - **Dialysis Epidemiologist**
- **Jordan Morris, MPH**
 - **Assistant NHSN Epidemiologist**



Call for Cases: Adverse Events Associated with Ceftriaxone Administration

Simone Godwin, DVM, MPH, MS, CIC | Tennessee Department of Health | Communicable and
Environmental Diseases and Emergency Preparedness

Background

- Unusual cluster of severe adverse events shortly after the administration of injectable ceftriaxone in AL
 - Events did not present as “typical” hypersensitivity reactions
 - In early reports, death or arrest occurred
 - AL released a state-wide call for cases
- Through multi-state provider networks, additional adverse events were reported to TDH
- Exact nature of these adverse events not yet clear
 - Anaphylaxis vs. other pathologic process
 - No definitive causal link
 - High acuity patients with multiple comorbidities
 - First or subsequent administrations
 - Variable time to event
 - No single manufacturer identified

Epi-X Call for Cases

To further characterize these adverse events, CDC released the following national call for cases on February 7, 2025:

Please report adverse events that meet the following criteria, occurring after September 1, 2024:

1. Occurred within 6 hours after receipt of injectable* ceftriaxone in a non-ICU setting, and
2. Resulted in death or required cardiopulmonary resuscitation**, and
3. Not attributed by the treating provider(s) to a cause other than ceftriaxone administration***

**including both intramuscular and intravenous routes of administration*

***cardiopulmonary resuscitation defined as the use of chest compressions and mechanical ventilation or provision of rescue breaths to maintain circulatory flow and oxygenation during cardiac arrest*

****such as known infection, other underlying medical condition, or exposure to a medication or medical product other than ceftriaxone*

Epi-X Call for Cases

- Please report an adverse events meeting the case criteria to HAI.Health@tn.gov
- HAI/AR epidemiologist will reach out to initiate investigation activities.
- State HDs have been asked to complete Case Report Form (CRF) for each reported event meeting the case criteria.
 - Chart abstraction performed by HAI/AR epidemiologist
 - Additional information requested if not available in chart.

Additional Information and Guidance

- Still few reports, concentrated in the Southeast U.S.
- No FDA product-related actions at this time
 - If adverse event does occur, consider
 - Sequestering a sample of administered lot
 - Retaining any residual open product (e.g., multi-dose vials) in case needed for future testing.
- No released clinical guidance at this time, but consider
 - Education regarding management of and work-up of anaphylaxis
 - E.g., prompt epinephrine administration, collecting for serum tryptase
 - Consider referral for cephalosporin allergy confirmation
 - Review and follow setting-specific post-injection monitoring protocols
 - Consider enhanced monitoring following administration of ceftriaxone (e.g., monitor as if patient is receiving the medication for the first time).

Questions and Discussion

For any additional questions, including whether a particular event not meeting the case criteria warrants further investigation, please contact:

Simone.Godwin@tn.gov

Call for Cases

The CDC, in partnership with the Tennessee Department of Health (TDH), has released a call for cases investigating reports of serious adverse events, including deaths, following receipt of injectable ceftriaxone. To date, events have not been associated with a single product manufacturer or lot, and a definitive causal link to ceftriaxone has not been established. A public health investigation is underway to identify and characterize serious adverse events associated with ceftriaxone exposure.

CDC is requesting reports of serious adverse events following the administration of ceftriaxone to assist with the ongoing investigation. Please report adverse events that meet the following criteria, occurring after September 1, 2024:

1. Occurred within 6 hours after receipt of injectable* ceftriaxone in a non-ICU setting, and
2. Resulted in death or required cardiopulmonary resuscitation**, and
3. Not attributed by the treating provider(s) to a cause other than ceftriaxone administration***

**including both intramuscular and intravenous routes of administration*

***cardiopulmonary resuscitation defined as the use of chest compressions and mechanical ventilation or provision of rescue breaths to maintain circulatory flow and oxygenation during cardiac arrest*

****such as known infection, other underlying medical condition, or exposure to a medication or medical product other than ceftriaxone*

Please make reports to the TDH Healthcare-Associated Infections/Antimicrobial Resistance (HAI/AR) Program at HAI.Health@tn.gov. If you have other questions regarding this announcement or whether an event meets the above criteria, you may also email Dr. Simone Godwin at Simone.Godwin@tn.gov.

Healthcare providers should also report serious adverse events that might be associated with a medical product to [FDA's MedWatch Program](#) and to the product manufacturer.

Respiratory Illness Update

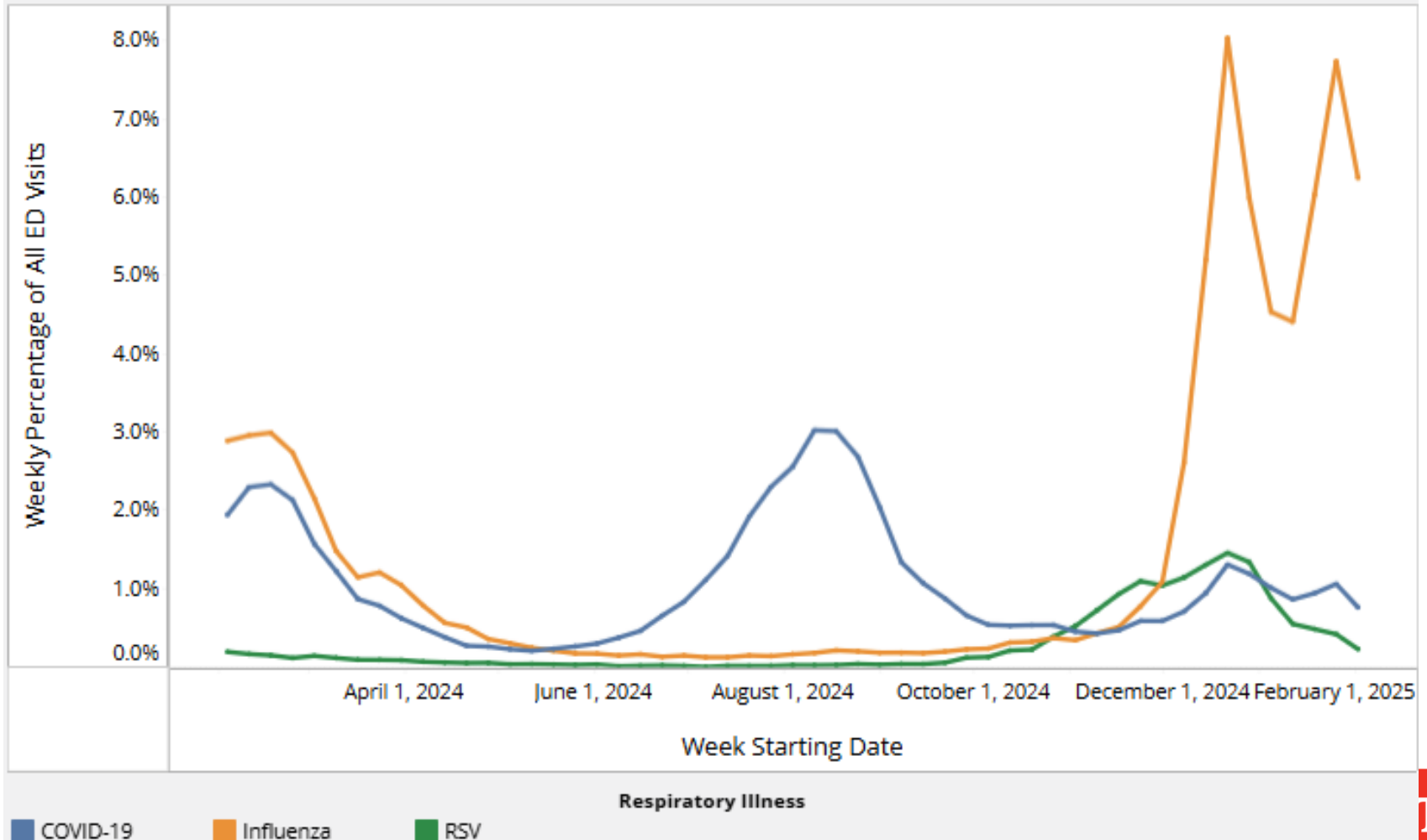


COVID-19 Trends in TN & US

- **Tennessee**
 - Emergency Department visits increased ▲
 - Deaths stable ►
(total <5/week)
- **U.S.A.**
 - Wastewater levels increased ▲
 - Emergency department visits increased ▲
 - Hospitalizations increased ▲
 - Deaths stable ►

Syndromic Surveillance of ED Visits

Statewide Weekly Percentage of ED Visits with Viral Respiratory Illness
Discharge Diagnosis Codes

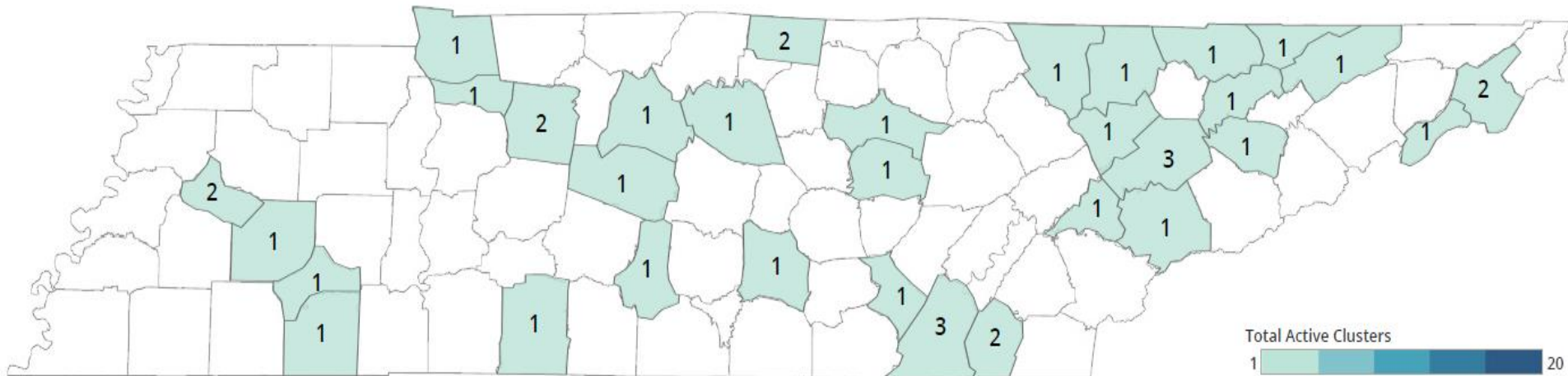


COVID Cluster in High-Risk Settings

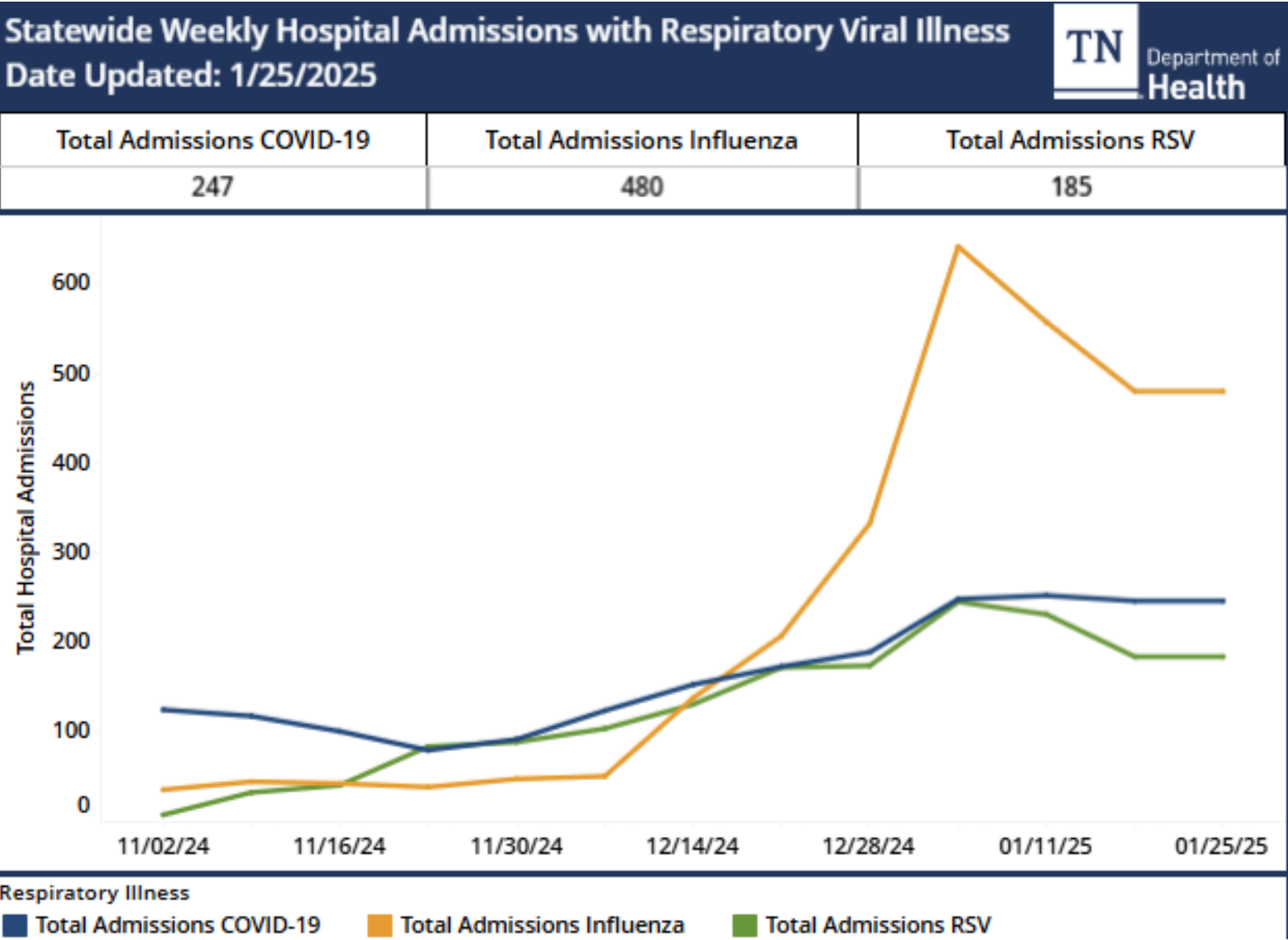
41
Total Active
Clusters

High-risk settings include long-term care facilities, correctional facilities, shelters, and other congregate settings

Active Clusters by County



Statewide Weekly Hospital Admissions



Respiratory Illnesses Data Channel

Overall respiratory illness activity in **Tennessee**

Moderate

Emergency department visits in **Tennessee**

COVID-19

Low
Decreasing ↘

Flu

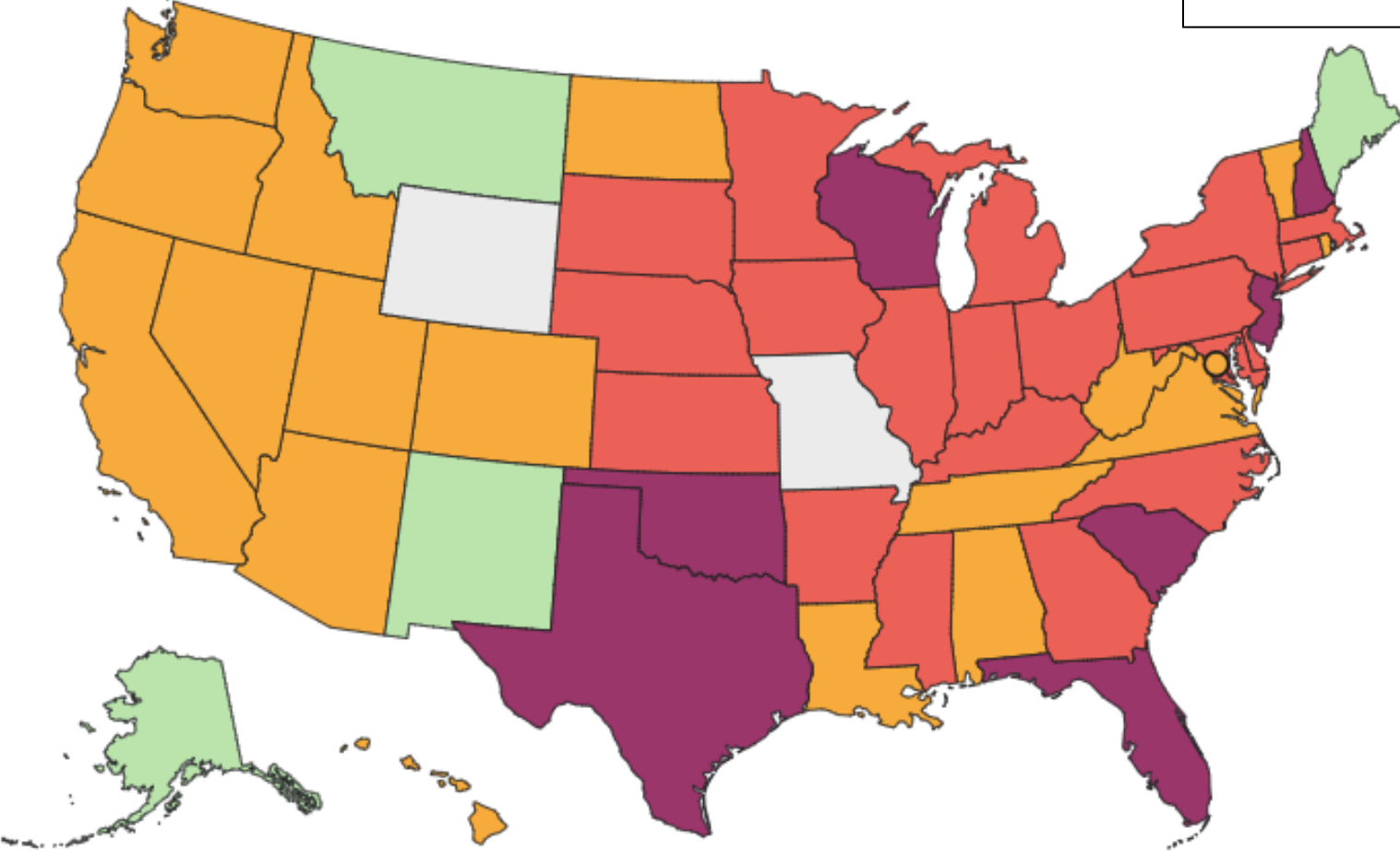
High
Decreasing ↘

RSV

Low
Decreasing ↘

Bottom Line

Nationally,
**Respiratory
Illness**
causing people to
seek healthcare is



Territories

- AS
- GU
- PR
- VI

Acute Respiratory Illness



Additional Resources

- **TDH Resources**

- [TDH Respiratory Viral Illness Webpage](#)
- [TDH Influenza Information](#)

- **CDC Resources**

- [Protect yourself from COVID-19, Flu, and RSV](#)
- [Respiratory Illnesses Data Channel](#)
- [Infection Control: Severe acute respiratory syndrome coronavirus 2 \(SARS-CoV-2\)](#)
- [Interim Guidance for Managing Healthcare personnel with SARS-CoV-2 Infection or Exposure to SARS-CoV-2](#)



NHSN Updates

Vicky Lindsey, RN, CIC | Tennessee Department of Health | Communicable and Environmental
Diseases and Emergency Preparedness

Deadline: Today-February 18, 2025

- **Reporting for CMS Quality Programs for HAIs and HCP COVID Vaccination data for Quarter 3 of 2024 is due in NHSN by Tuesday, February 18, 2025.**



TN TRAIN & Annual NHSN Training

Ashley Gambrell, MPH | Tennessee Department of Health | Communicable and Environmental
Diseases and Emergency Preparedness

TN TRAIN & NHSN Annual Training

- **Our Annual Training series is back for 2025!**
 - Webinars covering Patient Safety Manual and relevant changes
 - Case-based Training
- **Our next webinar is today and covers Ventilator-associated Events.**
- **The Case-based Training has been submitted to Mississippi Nursing Foundation for approval to award contact hours.**
 - Mississippi Nursing Foundation is accredited as an approver of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.
- **This means we need to host the training a little differently than years prior**

TN TRAIN

- [TN TRAIN Homepage](#)

- To participate in the Case-Based Training you will need an account!

Tennessee **TRAIN**

[HOME](#) [COURSE CATALOG](#) [CALENDAR](#) [RESOURCES](#) [HELP](#)

Log in

Unlock a world of public health training resources by logging into Tennessee TRAIN.

Login name

Password [Forgot password?](#)

Log in

OR

[Create new account](#)


Welcome to Tennessee TRAIN

Tennessee TRAIN is a gateway into the TRAIN Learning Network, the most comprehensive catalog of public health training opportunities for professionals who serve the citizens of Tennessee. TRAIN is a free service for learners from the Public Health Foundation.

First time on TRAIN? Select "Create Account" on the left to register on TRAIN and start learning today!

If you already have an account, please enter your Login Name and Password in the textboxes and click "Log in".

If you suspect you have a TRAIN account but don't remember your login name and password, please contact TN.TRAIN.Support@tn.gov for assistance. You only need one TRAIN account to access multiple TRAIN sites.



Tennessee TRAIN is provided by the Tennessee Department of Health.



Lab Web Portal Updates

TN State Public Health Lab Update

- **TN SPHL is moving from the PDF PH-4182 to a new electronic requisition for ALL testing**
- **Previously, only AR Lab Network colonization screening was available on the Lab Web Portal (LWP) platform**
- **To accommodate additional testing, a second LWP platform is available for all non-AR Lab Network testing**

The LWPs Look Identical



Username

Password



LOGIN


[New User Registration](#)

[Forgot Password?](#)

General LWP:

 prod.labwebportal.com/tnlabs/#/auth/login

ARLN LWP:

 lwp-web.aimsplatform.com/tn2/#/auth/login

SPHL LWP Web Page



Lab Web Portal (LWP)

Registration Form

TN Lab Web Portal

- [Lab Web Portal Memo](#)
- [TN LWP Quick Start Guide](#)
- [COVID-19 Sequencing Guidance](#)

Antibiotic Resistance Lab Network (ARLN) Lab Web Portal

- [TN LWP ARLN Quick Guide](#)
- [TN LWP ARLN GC Quick Guide](#)
- [TN LWP Reference ARLN](#)



<https://www.tn.gov/health/health-program-areas/lab/lab-web-portal.html>



AR Lab Network Portal

- CPO and *Candida auris* colonization screening
- NEW:
 - *Candida* sp. isolate testing
 - CPO isolate testing
 - *Aspergillus fumigatus* azole resistance testing
 - CARGOS GC testing (select sites ONLY)
- COVID and Flu testing have moved to the general portal

Save Filters

- You can create and save filters to find specific test results for your facility more easily

 Quick Search 

	Field	Operator	Value
	All Orders - Test Name ▼	Equals ▼	Candida <u>auris</u> Colonization
			

Saved Filters ▼

SAVE

CLEAR

APPLY

Questions

ARLN.Health@tn.gov

Erin.Hitchingham@tn.gov

LWP Issues ONLY: lab.informatics@tn.gov




Tennessee-Wide Infection Control Education (TWICE)

Kate Moore, MSN, RN, CIC | Tennessee Department of Health | Communicable and Environmental
Diseases and Emergency Preparedness

Tennessee-Wide Infection Control Education

- April 3, 2025
- 8:30 am
- Jackson-Madison
- 6.75 Contact Hours
- FREE program
- Light breakfast and lunch provided
- Questions?
 - Kate.moore@tn.gov

TWICE



Tennessee-Wide Infection Control Education


About the Program: **Approved for 6.75 contact hours*

Designed to deliver evidence-based infection prevention and control education to LTCFs across the state.

Topics include:

- Infection Prevention and Control Program Planning
- Transmission-Based Precautions
- Injection Safety
- Laboratory Specimen Collection
- Antibiotic Stewardship
- Environmental Services (EVS) Practices

Join us for a dynamic learning experience that combines face-to-face instruction with hands-on practice!




Jackson-Madison County Regional Health Department

April 3, 2025 | 8:30am - 4:00pm

FREE Program + Lunch Provided

↻ Scan here to register!

For more information email:
kate.moore@tn.gov



Next NHSN User Call

- **Monday March 17, 2025**
 - 10am CT / 11am ET
- **NHSN Related**
 - Vicky.Lindsey@tn.gov
 - Ashley.Gambrell@tn.gov
- **AU/AR Module**
 - Christopher.Evans@tn.gov
- **Infection Prevention**
 - HAI.Health@tn.gov
- **Influenza Testing**
 - RVI.Health@tn.gov

Upcoming Webinars

- **VAE (Right Now 😊)**
 - **Tuesday, February 18th, 10 a.m. CT**
- **NHSN Analysis**
 - **Monday, February 24th, 10 a.m. CT**