



# TN NHSN User Call

Monday, March 20, 10am CT

# Agenda

- **COVID-19 Update**
  - **Magdalena Dorvil-Joanem, MD, MPH**
- **NHSN Update and TDH Annual Training Follow Up**
  - **Simone Godwin, DVM, MPH, MS**
- **Multi-Drug Resistant Organism (MDRO) Surveillance Team Update**
  - **Alex Kurtz, MPH**

# TDH NHSN Team

- **Dr. Simone Godwin, DVM, MPH, MS**
  - Senior NHSN Epidemiologist
  - Outbreak Lead
- **Vicky Reed, AAS, RN, CIC**
  - Senior NHSN Public Health Nurse Consultant
    - Lead Technological Assistance
  - Infection Prevention and Control Specialist
- **Tara Suhs, MPH**
  - Assistant NHSN Epidemiologist
  - MRSA Initiative Lead
- **Ashley Gambrell, MPH**
  - Assistant NHSN Epidemiologist
- **Marissa Turner, MPH**
  - Assistant NHSN Epidemiologist
- **Alex Kurutz, MPH**
  - Dialysis Epidemiologist



# COVID-19 Surveillance Update

*Tennessee Department of Health*

**Magdalena Dorvil-Joanem, MD, MPH**

**COVID-19 Surveillance**

**TN Dept of Health**



®

**NHSN Updates**

# 2023 NHSN Virtual Annual Training Updates

- **The Centers for Disease Control and Prevention's National Healthcare Safety Network (NHSN) will hold their Virtual 2023 Annual NHSN Training:**
  - **Patient Safety, Outpatient Procedure, and Neonatal Component Healthcare Surveillance and Analytics on **March 21 – 23**, 2023.**
- **This training is intended for users of the Patient Safety Component, Outpatient Procedure Component, and Neonatal Component in NHSN.**
- **<https://2023nhsntraining.vfairs.com/>**

# 2023 TDH NHSN Training: Thank You!

- **Webinars Completed**
- **Case-based Scenarios Completed**
- **On the way...**
  - **Finalized case-based scenario PowerPoint and worksheet, complete with answers and corrections**
  - **REDCap Survey**
    - **Comments on content and delivery**
    - **Suggestions for future content**
    - **Completion certificate**



# Multi-Drug Resistant Organism (MDRO) Outbreak Team Update

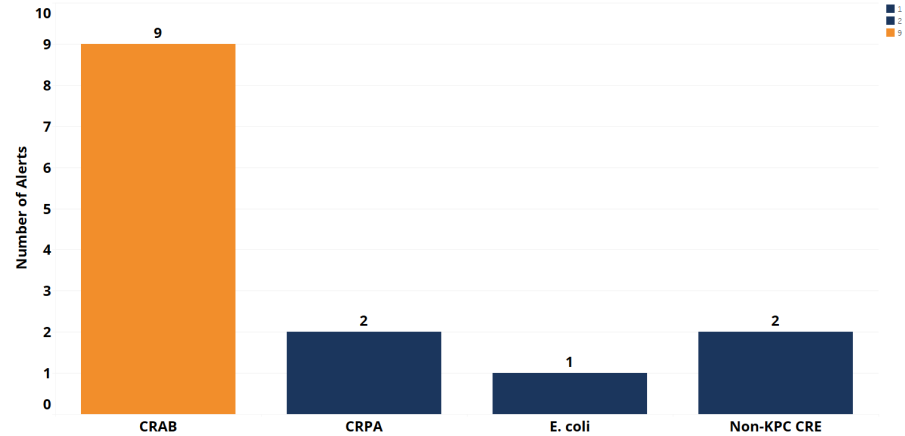
Feb 17<sup>th</sup> – March 14<sup>th</sup> 2023



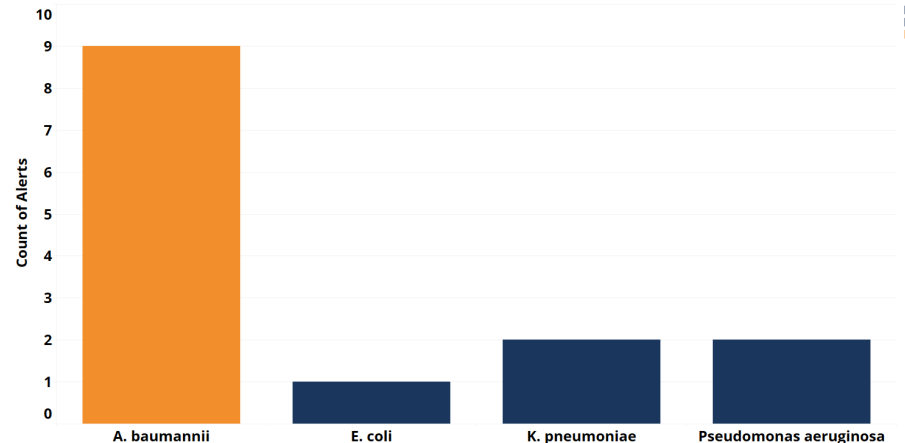
# MDRO Alerts

- **CRPA** – Carbapenem-resistant *Pseudomonas aeruginosa*
- **CRAB** – Carbapenem-resistant *Acinetobacter baumannii*
- **CRE** - Carbapenem-resistant *Enterobacteriales*
- **KPC** – *Klebsiella pneumoniae* Carbapenemase-producing

MDRO Alerts by Organism Order  
(Feb.17th-March.14th)



Alerts by Organism  
(Feb.17th-March.14th)



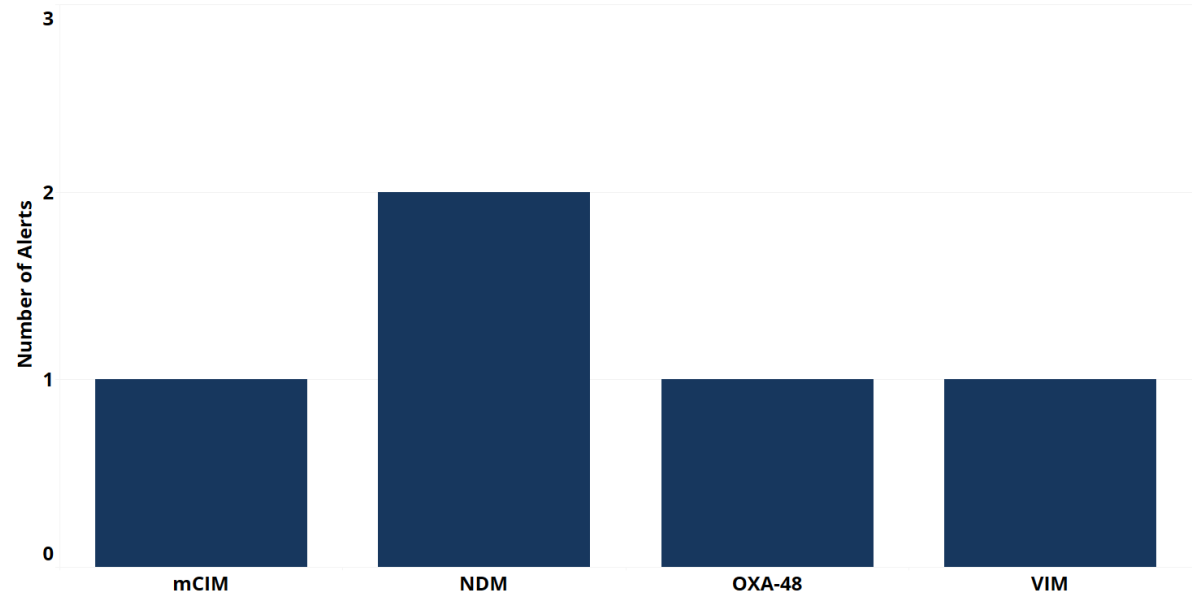
# Non-KPC CRE Genes

- **Carbapenemase-producing genes:**

- **“Big Five”**

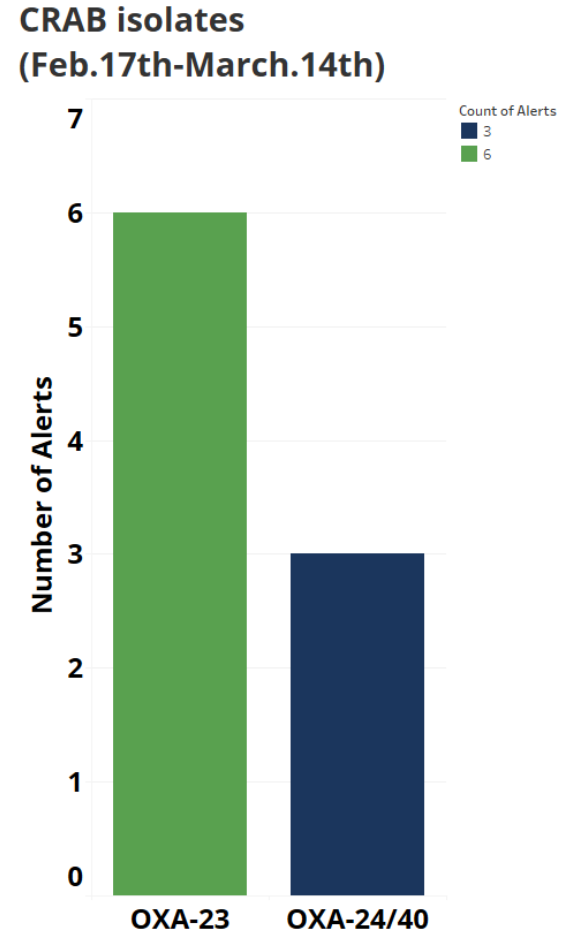
- KPC
- IMP
- NDM
- OXA-48
- VIM

MDRO Alerts by Resistance Gene  
(Feb.17th-March.14th)



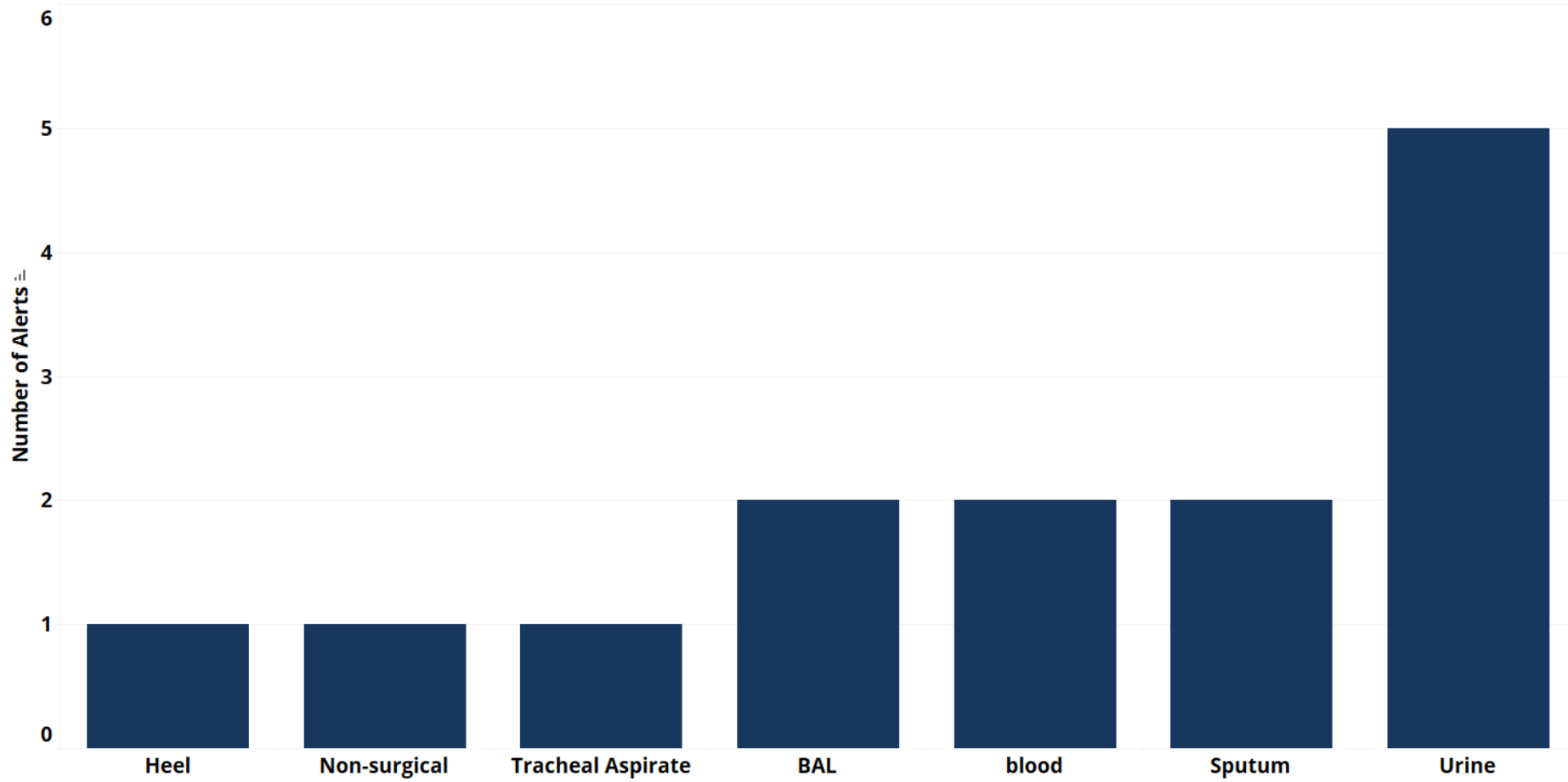
# CRAB Alerts

- **Carbapenemase-producing genes:**
  - **Other Oxacillinases**
    - OXA-24/40
    - OXA-23



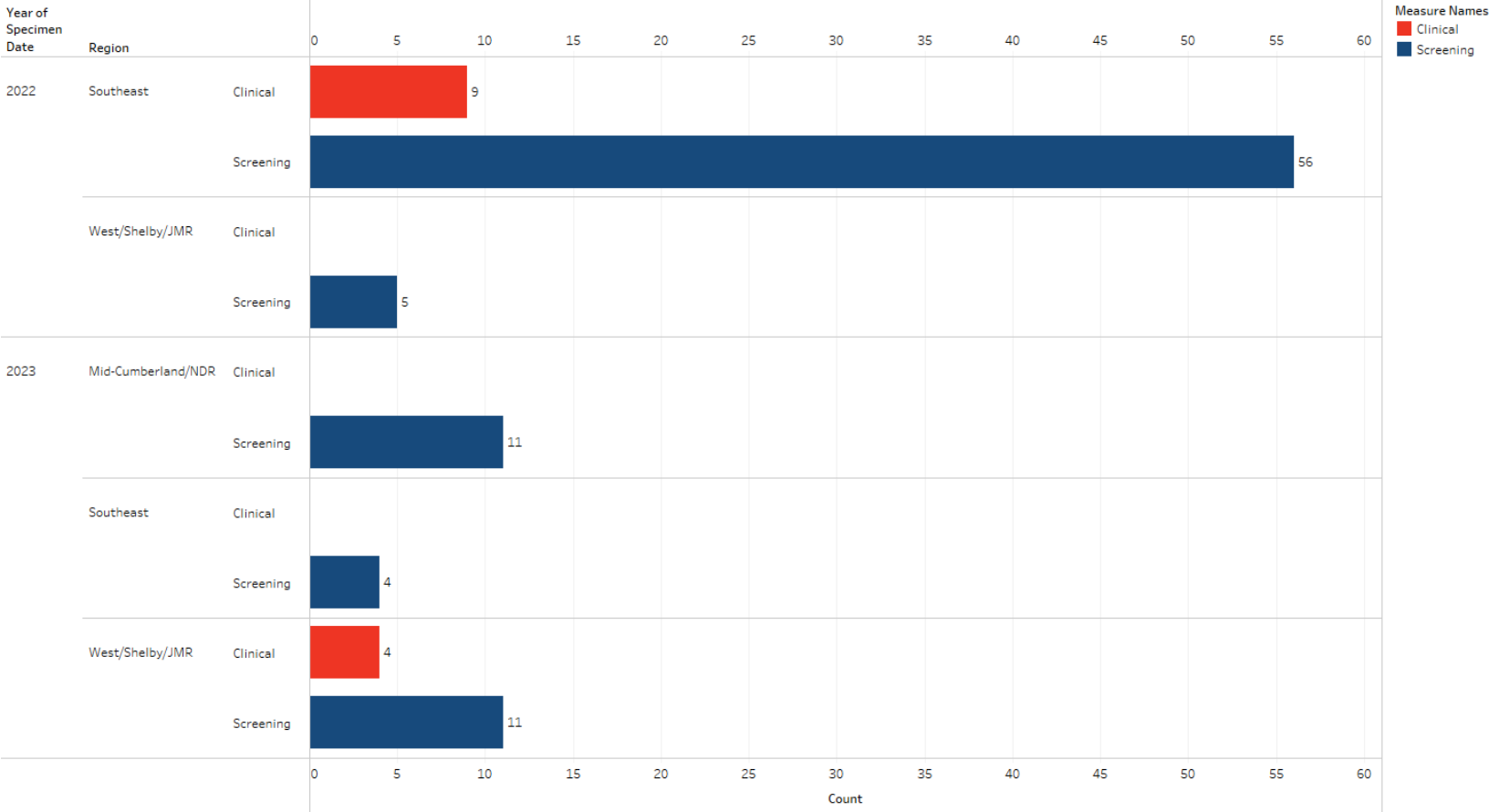
# Specimen Sources

Alerts by Specimen Source  
(Feb.17th-March.14th)



# C. auris Cases

Screening vs Clinical *Candida auris* Cases (as of March 1, 2023)



Clinical and Screening for each Region broken down by Specimen Date Year. Color shows details about Clinical and Screening.

# TN MDRO Alerts for 2023

- **For 2023**
  - **29 CRAB specimens**
    - 19 OXA-23
    - 10 OXA-24/40
  - **13 non-KPC CRE**
    - 6 NDM
    - 1 IMP
    - 1 KPC, NDM
    - 2 KPC, VIM
    - 1 mCIM
    - 1 OXA-48
    - 1 VIM
  - ***C. auris***
    - 4 Clinical cases
    - 26 Screening cases

# Next NHSN User Call

- **Monday, April 17, 2023**
  - **10am CT / 11am ET**
- **NHSN Related**
  - [Vicky.Reed@tn.gov](mailto:Vicky.Reed@tn.gov) (out of office currently – please copy [hai.health@tn.gov](mailto:hai.health@tn.gov))
  - [Simone.Godwin@tn.gov](mailto:Simone.Godwin@tn.gov)
- **AU/AR Module**
  - [Christopher.Evans@tn.gov](mailto:Christopher.Evans@tn.gov)
- **Infection Prevention**
  - [HAI.Health@tn.gov](mailto:HAI.Health@tn.gov)