



TN NHSN User Call

Tuesday, February 21, 10am CT

Agenda

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



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NHSN Updates

NHSN updates

- **NHSN has posted the following documents to the website for use in 2023:**
 - **Patient Safety Component Surveillance Protocols**
 - **Patient Safety Components Tables of Instructions (TOI)**
 - **Outpatient Procedure Component Surveillance Protocols**
 - **Outpatient Procedure Component Tables of Instructions (TOI)**
 - **Neonatal Component (Late-onset Sepsis/ Meningitis Module) Surveillance Protocol**
- **The 2022 protocols, will remain posted on the lower left-hand corner of the NHSN home page under "Manuals & Protocols."**
- **[Summaries of significant updates](#) to the PSC, OPC, and Neonatal Component protocols has also been posted.**

TDH NHSN Training Webinars 2023

- ~~CLABSI/CAUTI Surveillance~~
 - ~~Monday January 23, 2023, 10 a.m. CT~~
- ~~SSI Surveillance~~
 - ~~Monday January 30, 2023, 10 a.m. CT~~
- ~~VAE Surveillance~~
 - ~~Monday February 6, 2023, 10 a.m. CT~~
- ~~LabID~~
 - ~~Monday February 13, 2023, 10 a.m. CT~~
- AU/AR
 - Monday February 27, 2023, 10 a.m. CT
- Analysis
 - Monday March 6, 2023, 10 a.m. CT

TDH Virtual Case Based Training Scenarios 2023

- **3 Identical Sessions, choose one that works for you**
- **Registration links sent this week**
- **Case Study Workbook will be sent the week prior to the session**
- **Sessions:**
 - **Case Training 1 – Thursday, March 9th 1 pm – 4 pm CT**
 - **Case Training 2 – Wednesday, March 15th 8 am – 11 am CT**
 - **Case Training 3 – Friday, March 17th 8 am – 11 am CT**

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.**
 - **The virtual training event will feature live presentations, pre-recorded training videos for self-paced viewing, an introduction of new NHSN Measures, and opportunities for Q&A.**
- **More information, including registration and an agenda, will be provided soon.**



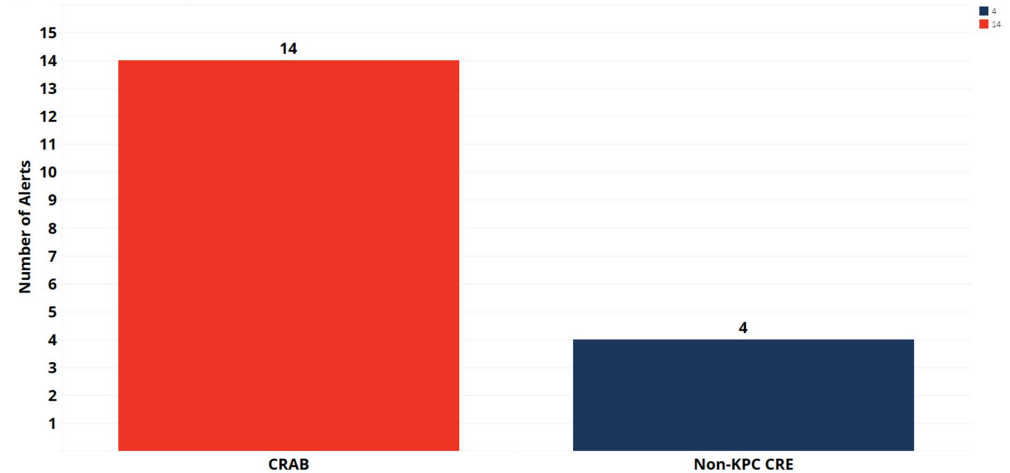
Multi-Drug Resistant Organism (MDRO) Outbreak Team Update

Jan 12th – Feb 15th 2023

MDRO Alerts

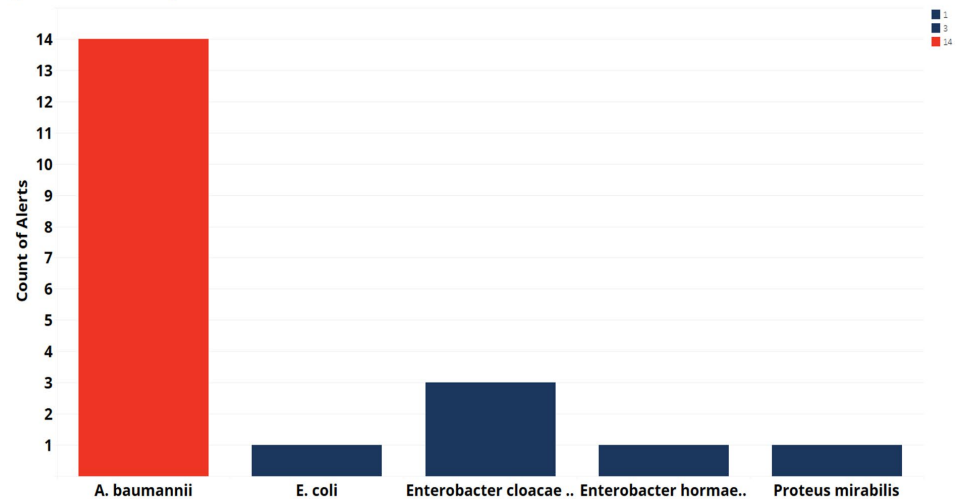
- **CRPA** – Carbapenem-resistant *Pseudomonas aeruginosa*
- **CRAB** – Carbapenem-resistant *Acinetobacter baumannii*
- **CRE** - Carbapenem-resistant *Enterobacteriales*
- **KPC** – *Klebsiella pneumoniae* Carbapenemase-producing

MDRO Alerts by Organism Order
(Jan.12th-Feb.15th)



Count of Alerts for each Organism (group). Color shows details about count of Alerts. The marks are labeled by count of Alerts. The data is filtered on Date of Notification (MDY), which keeps 11 of 133 members. The view is filtered on Organism (group), which keeps CRAB and Non-KPC CRE.

Alerts by Organism
(Jan.12th-Feb.15th)



Count of Alerts for each Organism. Color shows details about count of Alerts. The data is filtered on Date of Notification (MDY), which keeps 11 of 133 members. The view is filtered on Organism, which keeps A. baumannii, E. coli, Enterobacter cloacae complex, Enterobacter hormaechei complex and Proteus mirabilis.

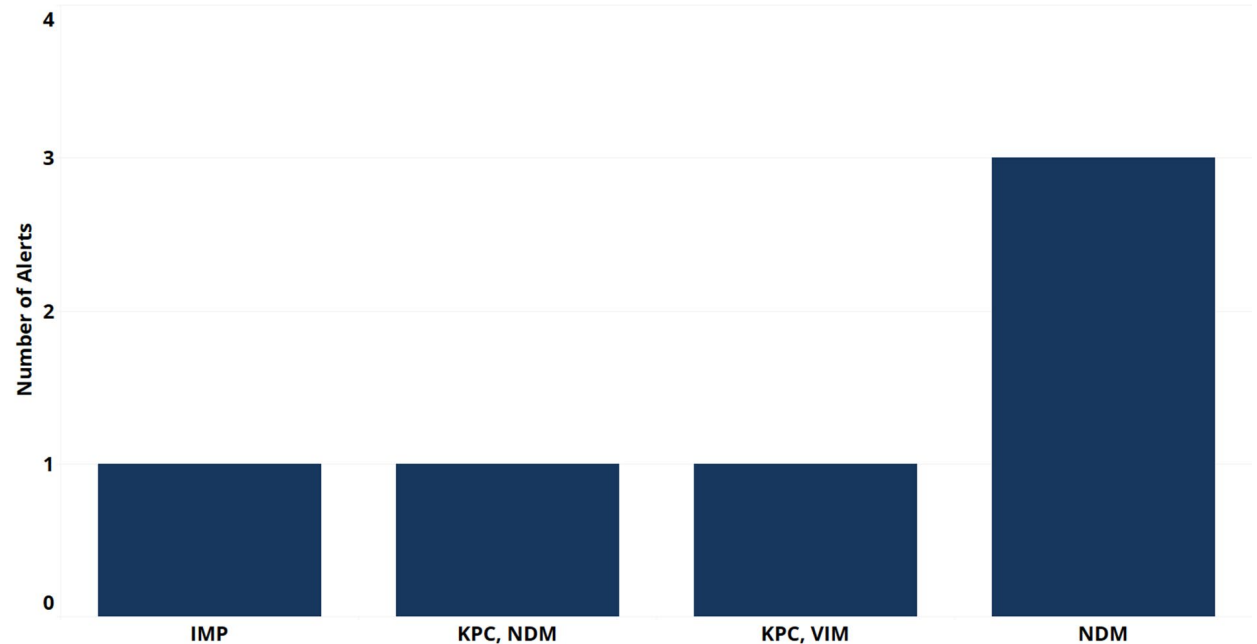
Non-KPC CRE Genes

- **Carbapenemase-producing genes:**

- **“Big Five”**

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

MDRO Alerts by Resistance Gene
(Jan.12th-Feb.15th)

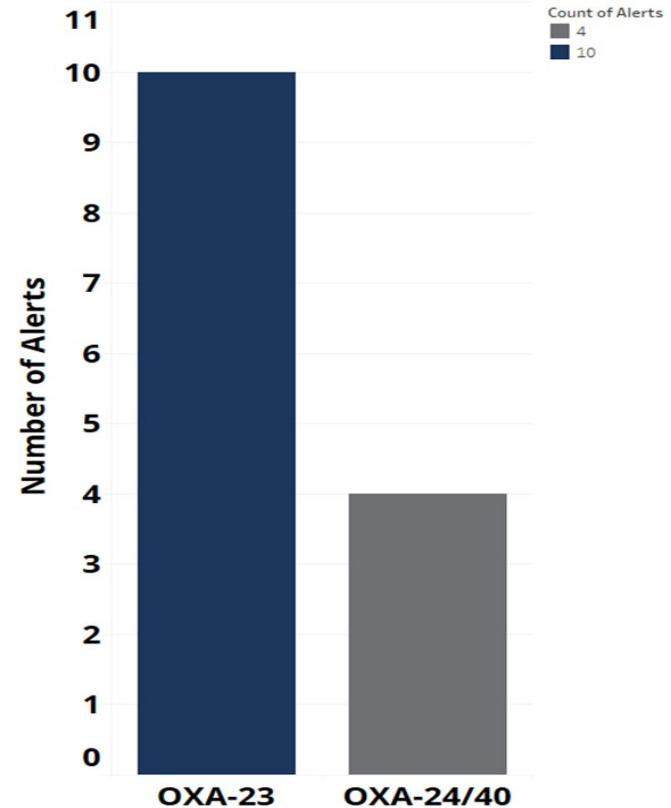


Count of Alerts for each Resistance Gene. The data is filtered on Date of Notification (MDY), which keeps 11 of 133 members. The view is filtered on Resistance Gene, which keeps IMP, KPC, NDM, KPC, VIM, NDM and OXA-48.

CRAB Alerts

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

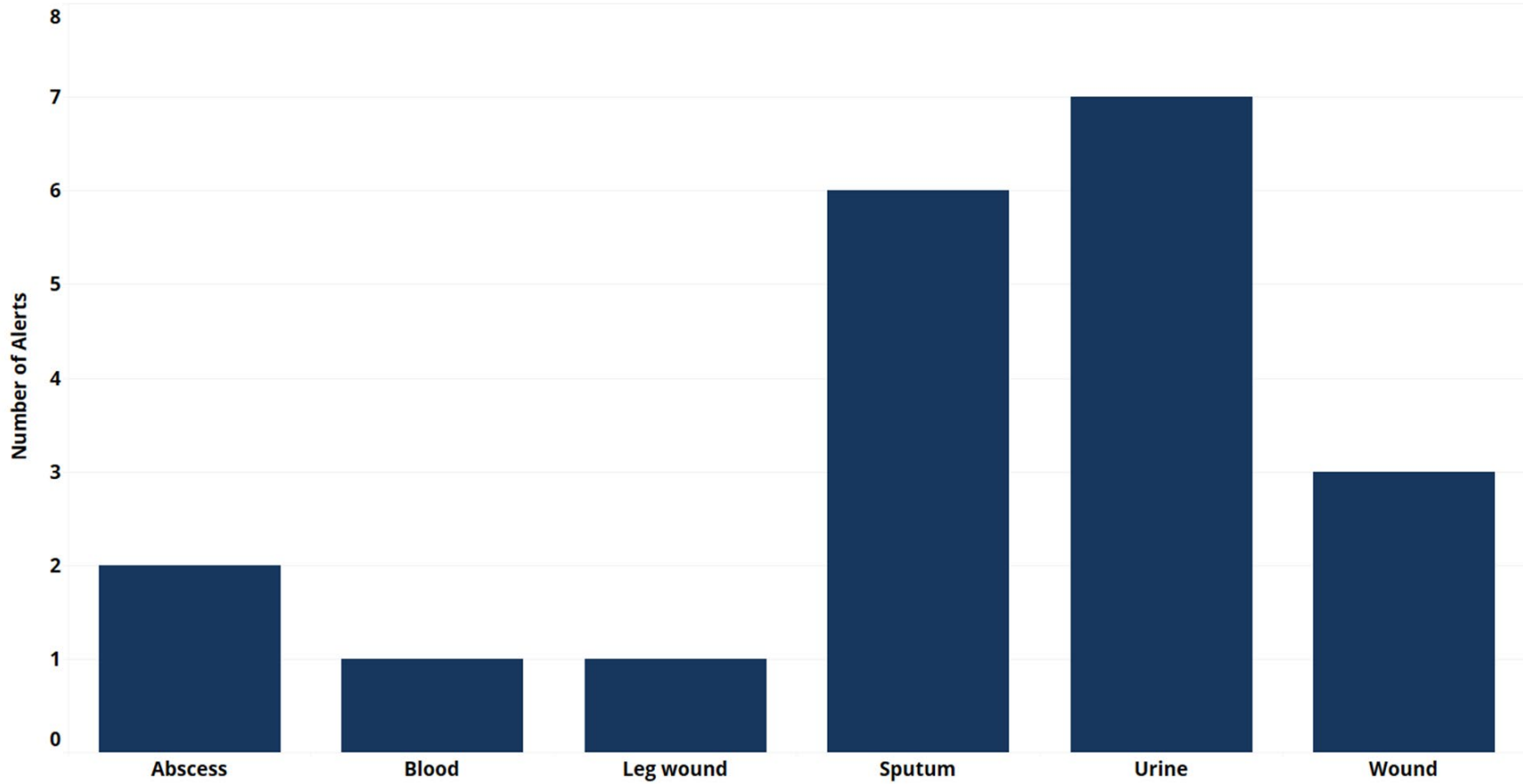
CRAB isolates
(Jan.12th-Feb.15th)



Count of Alerts for each Resistance Gene. Color shows details about count of Alerts. The data is filtered on Organism and Date of Notification (MDY). The Organism filter keeps *A. baumannii*. The Date of Notification (MDY) filter keeps 11 of 133 members.

Specimen Sources

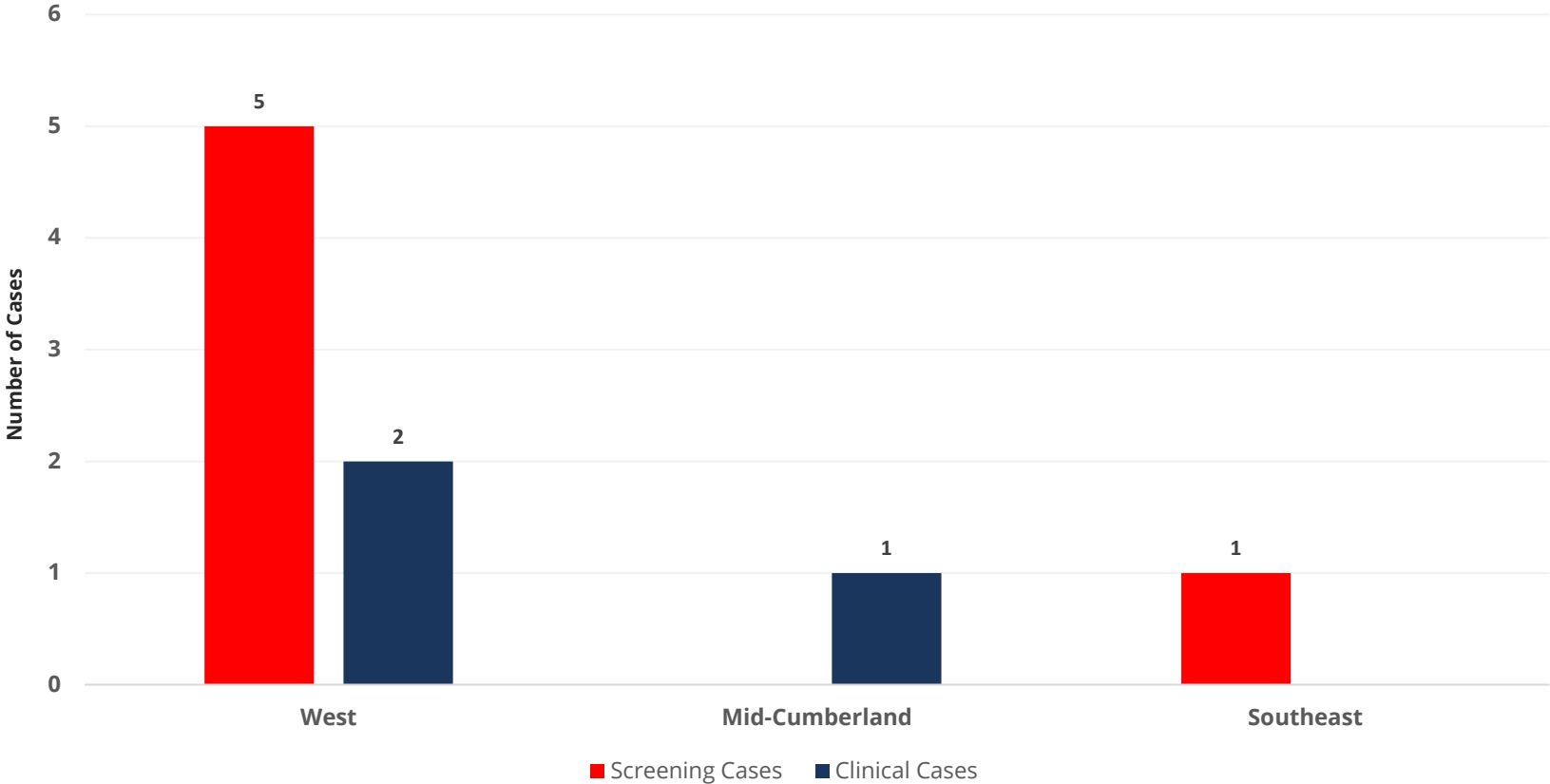
Alerts by Specimen Source
(Jan.12th-Feb.15th)



Count of Alerts for each Specimen Source. The data is filtered on Date of Notification (MDY), which keeps 11 of 133 members. The view is filtered on Specimen Source, which keeps 6 members.

C. auris Cases

C. auris Cases by Region (2023)



TN MDRO Alerts for 2023

- **For 2023**
 - **20 CRAB specimens**
 - 13 OXA-23
 - 7 OXA-24/40
 - **8 non-KPC CRE**
 - 4 NDM
 - 1 IMP
 - 1 KPC, NDM
 - 2 KPC, VIM
 - ***C. auris***
 - 3 Clinical cases
 - 6 Screening cases

Next NHSN User Call

- **Monday, March 20, 2023**
 - **10am CT / 11am ET**
- **NHSN Related**
 - Vicky.Reed@tn.gov (out of office currently – please copy hai.health@tn.gov)
 - Simone.Godwin@tn.gov
- **AU/AR Module**
 - Christopher.Evans@tn.gov
- **Infection Prevention**
 - HAI.Health@tn.gov