



# **REFRESHER:**

## ***MRSA* Bacteremia and *C. difficile***

### **LabID Event Reporting**

**Denise Leaptrot, MSA, SM/BSMT(ASCP), CIC®**

**MDRO/CDI Subject Matter Expert**

**Protocol and Validation Team**

**National Healthcare Safety Network [NHSN]**

**NCEZID, Division of Healthcare Quality Promotion/Surveillance Branch**

**Centers for Disease Control and Prevention**

**NHSN Training Calendar Year 2021**

## **Key Concepts to LabID Event Reporting:**



- Events are reported by patient *AND* location.
- An ‘inpatient’ is a patient housed on an inpatient location. An ‘outpatient’ is a patient housed on an outpatient unit [such as the ED or a dedicated 24-hour observation unit]. Facility specific status designations such as ‘observation’, ‘inpatient’, ‘outpatient’, ‘swing bed patient’ or ‘short stay patient’ do not apply for NHSN reporting.
- Hospital day 1 = date admitted to facility [the calendar day the patient locates to an inpatient location]. Time spent in the ED or on a dedicated 24-hour observation unit is time prior to admission.

# Key Concepts to LabID Event Reporting:

- LabID Event reporting is based strictly on laboratory testing data without clinical evaluation of the patient, allowing for a much less labor-intensive method of tracking. Symptoms are NOT used in LabID event reporting.
- LabID Event reporting is by single facility; prior positives identified at a different facility will not influence reporting at your facility [reporting resets at new facility].
- \*\*\*the '*Transfer Rule*' does NOT apply to LabID event reporting.
- LabID Events are attributable to the location where the positive specimen is collected.
- The 'LabID 14-day rule' is location specific.



# ***Special Case Exception for FacWideIN LabID Event Reporting***

Specimens collected from an affiliated\* outpatient location (excluding ED and 24-hour observation locations) can be reported for the inpatient admitting location IF collected on the same calendar day as inpatient admission. Note: the 'date admitted to facility' is the calendar day the patient locates to an inpatient location for the facility.

\**Affiliated outpatient location* is an outpatient location where the same patient identifier is used allowing for tracking of specimens across services using the same patient number. In these 'exception' cases, attribute the event to the admitting location.

## **What's the Location Have to Do With It?**

### **Inpatient Rehab/Inpatient Psychiatric Units**

- NHSN considers transfers from an acute care inpatient unit to an inpatient rehab (IRF) and/or an inpatient psychiatric location (IPF) a continuous stay for NHSN reporting purposes.
- Facility admission date for a LabID event should reflect the date the patient was physically admitted into either an acute care inpatient location or an IRF/IPF location *whichever comes first* during the patient stay.

# Monthly Reporting Plan

- **The Monthly Reporting Plan informs CDC which modules a facility is participating in during a given month.**
  - Referred to as “In-Plan” data
- **The Plan also informs CDC which data can be used for aggregate analyses.**
  - This INCLUDES sharing applicable data with CMS!
- **A facility must enter a Plan for every month of the year.**
- **NHSN will only submit data to CMS for *complete* months (data for all months of the quarter must be in place prior to submission).**



# Monthly Reporting Plan

## Multi-Drug Resistant Organism Module

|  | Locations  | Specific Organism Type           |
|--|--|----------------------------------|
|  | FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) <input type="text"/> | MRSA - MRSA <input type="text"/> |

### Process and Outcome Measures

| Infection Surveillance   | AST-Timing           | AST-Eligible         | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |
|--------------------------|----------------------|----------------------|--------------------------|--------------------------|----------------------------|-------------------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|  | Locations                          | Specific Organism Type           |
|--|------------------------------------|----------------------------------|
|  | ED-ER - ED-ER <input type="text"/> | MRSA - MRSA <input type="text"/> |

### Process and Outcome Measures

| Infection Surveillance   | AST-Timing           | AST-Eligible         | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |
|--------------------------|----------------------|----------------------|--------------------------|--------------------------|----------------------------|-------------------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|  | Locations                            | Specific Organism Type           |
|--|--------------------------------------|----------------------------------|
|  | OBS - 24-HR OBS <input type="text"/> | MRSA - MRSA <input type="text"/> |

### Process and Outcome Measures

| Infection Surveillance   | AST-Timing           | AST-Eligible         | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |
|--------------------------|----------------------|----------------------|--------------------------|--------------------------|----------------------------|-------------------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

# Monthly Reporting Plan

**Multi-Drug Resistant Organism Module**

| Locations                           |  | Specific Organism Type           |                          |                          |                            |                                     |                          |                          |  |
|-------------------------------------|--|----------------------------------|--------------------------|--------------------------|----------------------------|-------------------------------------|--------------------------|--------------------------|--|
|                                     | FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) <input type="text"/> | MRSA - MRSA <input type="text"/> |                          |                          |                            |                                     |                          |                          |  |
| <b>Process and Outcome Measures</b> |  |                                  |                          |                          |                            |                                     |                          |                          |  |
| Infection Surveillance              | AST-Timing   | AST-Eligible                     | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |  |
| <input type="checkbox"/>            | <input type="text"/>   | <input type="text"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
|                                     | ED-ER - ED-ER <input type="text"/>                                   | MRSA - MRSA <input type="text"/> |                          |                          |                            |                                     |                          |                          |  |
| <b>Process and Outcome Measures</b> |  |                                  |                          |                          |                            |                                     |                          |                          |  |
| Infection Surveillance              | AST-Timing   | AST-Eligible                     | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |  |
| <input type="checkbox"/>            | <input type="text"/>   | <input type="text"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
|                                     | OBS - 24-HR OBS <input type="text"/>                                 | MRSA - MRSA <input type="text"/> |                          |                          |                            |                                     |                          |                          |  |
| <b>Process and Outcome Measures</b> |  |                                  |                          |                          |                            |                                     |                          |                          |  |
| Infection Surveillance              | AST-Timing   | AST-Eligible                     | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |  |
| <input type="checkbox"/>            | <input type="text"/>   | <input type="text"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
|                                     | 5 EAST - ADULT REHAB <input type="text"/>                            | MRSA - MRSA <input type="text"/> |                          |                          |                            |                                     |                          |                          |  |
| <b>Process and Outcome Measures</b> |  |                                  |                          |                          |                            |                                     |                          |                          |  |
| Infection Surveillance              | AST-Timing   | AST-Eligible                     | Incidence                | Prevalence               | Lab ID Event All Specimens | Lab ID Event Blood Specimens Only   | HH                       | GG                       |  |
| <input type="checkbox"/>            | <input type="text"/>   | <input type="text"/>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |

# Monthly Reporting Plan

**Multi-Drug Resistant Organism Module**

| Locations  |  | Specific Organism Type                               |                          |                          |                                     |                                   |                          |                          |
|--|--|--|--------------------------|--------------------------|-------------------------------------|-----------------------------------|--------------------------|--------------------------|
|    | FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) <input type="button" value="v"/> | CDIF - C. difficile <input type="button" value="v"/> |                          |                          |                                     |                                   |                          |                          |
| <b>Process and Outcome Measures</b>  |  |  |                          |                          |                                     |                                   |                          |                          |
| Infection Surveillance   | AST-Timing   | AST-Eligible   | Incidence                | Prevalence               | Lab ID Event All Specimens          | Lab ID Event Blood Specimens Only | HH                       | GG                       |
| <input type="checkbox"/>   | <input type="button" value="v"/>   | <input type="button" value="v"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>          | <input type="checkbox"/> | <input type="checkbox"/> |
|    | ED-ER - ED-ER <input type="button" value="v"/>                                   | CDIF - C. difficile <input type="button" value="v"/> |                          |                          |                                     |                                   |                          |                          |
| <b>Process and Outcome Measures</b>  |  |  |                          |                          |                                     |                                   |                          |                          |
| Infection Surveillance   | AST-Timing   | AST-Eligible   | Incidence                | Prevalence               | Lab ID Event All Specimens          | Lab ID Event Blood Specimens Only | HH                       | GG                       |
| <input type="checkbox"/>   | <input type="button" value="v"/>   | <input type="button" value="v"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>          | <input type="checkbox"/> | <input type="checkbox"/> |
|    | OBS - 24-HR OBS <input type="button" value="v"/>                                 | CDIF - C. difficile <input type="button" value="v"/> |                          |                          |                                     |                                   |                          |                          |
| <b>Process and Outcome Measures</b>  |  |  |                          |                          |                                     |                                   |                          |                          |
| Infection Surveillance   | AST-Timing   | AST-Eligible   | Incidence                | Prevalence               | Lab ID Event All Specimens          | Lab ID Event Blood Specimens Only | HH                       | GG                       |
| <input type="checkbox"/>   | <input type="button" value="v"/>   | <input type="button" value="v"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>          | <input type="checkbox"/> | <input type="checkbox"/> |
|  | 5 EAST - ADULT REHAB <input type="button" value="v"/>                            | CDIF - C. difficile <input type="button" value="v"/> |                          |                          |                                     |                                   |                          |                          |
| <b>Process and Outcome Measures</b>  |  |  |                          |                          |                                     |                                   |                          |                          |
| Infection Surveillance   | AST-Timing   | AST-Eligible   | Incidence                | Prevalence               | Lab ID Event All Specimens          | Lab ID Event Blood Specimens Only | HH                       | GG                       |
| <input type="checkbox"/>   | <input type="button" value="v"/>   | <input type="button" value="v"/>                     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>          | <input type="checkbox"/> | <input type="checkbox"/> |

# Facility-wide Inpatient: FacWideIN

## FacWideIN Standard Reporting Guidance:

The **first** positive specimen for the patient AND the location is submitted as a LabID event. Following this submission, there should be > 14 days between positive specimens *in this location* before a new LabID event is submitted (the LabID event 14-day rule). If the patient moves to a new location, reporting resets (starts anew). This guidance applies to all inpatient locations in the facility, including locations with a different CMS Certification Number (CCN) such as inpatient rehab (IRF) or psych locations (IPF) as well as from emergency departments and 24-hour observation locations.

# Definition: *MRSA* LabID Event

- **MRSA** = *S. aureus* cultured from a specimen that tests oxacillin-resistant, ceftazidime-resistant, or methicillin-resistant by standard susceptibility testing methods, or a laboratory finding of *MRSA* (includes but not limited to PCR or other molecular based detection methods).
- **LabID Event** = First *MRSA*+ blood culture for the patient in the location – excludes active surveillance specimens. The *MRSA* finding is from a blood specimen for a patient in a location with no prior *MRSA* positive blood specimen result collected **within 14 days** for the patient and location (*includes across calendar months for Blood Specimen Only reporting*)

CD-positive laboratory assay:

A positive laboratory test result for *C. difficile* toxin A and/or B, (includes molecular assays [PCR] and/or toxin assays) tested on an unformed stool specimen (must conform to the container)

OR

A toxin-producing *C. difficile* organism detected by culture or other laboratory means performed on an unformed stool sample (must conform to the container).

Must be  
Unformed  
Stool

**Definition:**  
***C. Difficile***  
**LabID Event**

- **Note:**

When using a multi-step testing algorithm for CDI **on the same unformed** stool specimen, the finding of the **last test performed** on the specimen that is documented in the patient medical record will determine if the CDI positive laboratory assay definition is met.

# LabID Event Submission

## Event Information

Event Type\*: LABID - Laboratory-identified MDRO or CDI Event ▼

Date Specimen Collected\*: 01/07/2021 12

Specific Organism Type\*: CDIF - C. difficile ▼

Outpatient\*: N - No ▼

Specimen Body Site/Source\*: DIGEST - Digestive System ▼

Specimen Source\*: STOOL - Stool specimen ▼

Date Admitted to Facility\*: 01/01/2021 12

Location\*: 23 - MED SURG ▼

Date Admitted to Location\*: 01/01/2021 12

Has patient been discharged from your facility in the past 4 weeks?\*: N - No ▼

Has the patient been discharged from another facility in the past 4 weeks?: N - No ▼

Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in **any prior month**?: N - No



## Event Information

Event Type\*: LABID - Laboratory-identified MDRO or CDI Event ▼

Date Specimen Collected\*: 01/07/2021 12

Specific Organism Type\*: MRSA - MRSA ▼

Outpatient\*: Y - Yes ▼

Specimen Body Site/Source\*: CARD - Cardiovascular/ Circulatory/ Lymphatics ▼

Specimen Source\*: BLDSPC - Blood specimen ▼

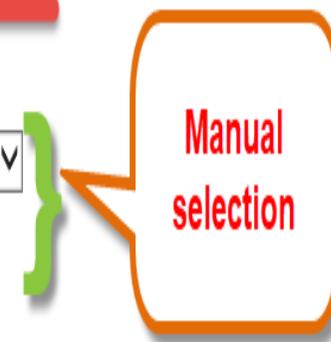
Location\*: EDEPT - EMERGENCY ▼

Last physical overnight location of patient immediately prior to arriving into facility (applies to specimen(s) collected in outpatient setting or <4 days after inpatient admission): RES - Personal residence/Residential care

Has patient been discharged from your facility in the past 4 weeks?\*: N - No ▼

Has the patient been discharged from another facility in the past 4 weeks?: N - No ▼

Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in **any prior month**?: N - No



# ***Categorization of MRSA LabID Events***

The NHSN application automatically categorizes *MRSA* LabID Events as:

- **Community-Onset (CO):** LabID Event specimen collected in an outpatient location or in an inpatient location  $\leq 3$  days after admission to the facility [hospital days 1 (admission), 2, or 3]
- **Healthcare Facility-Onset (HO):** LabID Event specimen collected  $> 3$  days after admission to the facility [on or after hospital day 4]

## ***Categorization of C. Difficile LabID Events***

- **Healthcare Facility-Onset (HO):** LabID Event specimen collected  $>3$  days after admission to the facility (i.e., on or after day 4).
- **Community-Onset (CO):** LabID Event specimen collected in an outpatient location or an inpatient location  $\leq 3$  days after admission to the facility (specifically, days 1, 2, or 3 of admission).
- **Community-Onset Healthcare Facility-Associated (CO-HCFA):** CO LabID Event collected from a patient who was discharged from the facility  $\leq 4$  weeks prior to the date current stool specimen was collected.



# *Categorization of C. Difficile LabID Events*

**NHSN will further categorize CDI LabID Events based on specimen collection date and prior specimen collection date of a previous CDI LabID Event (that was entered into NHSN) as:**

## **Incident CDI LabID Event**

- Any CDI LabID Event from a specimen obtained  $> 56$  days (8 weeks) after the most recent CDI LabID Event (or with no previous CDI LabID Event documented) for that patient. Note: the date of first specimen collection is considered day 1.

## **Recurrent CDI LabID Event**

- Any CDI LabID Event from a specimen obtained  $> 14$  days (2 weeks) and  $\leq 56$  days (8 weeks) after the most recent CDI LabID Event for that patient. Note: the date of first specimen collection is considered day 1.

**OR**



**Reporting Denominator Data**

# Denominator Data: FacWideIN

- **Line 1:** Counts from all inpatient locations in the facility
- **Line 2:** Counts from all inpatient locations in the facility except CMS-certified Rehab and Psych units (formerly labeled MDRO row 2)
- **Line 3:** Counts from all inpatient locations in the facility except CMS-certified Rehab and Psych units, NICUs, and well-baby units (formerly CDI row 3)

**General**

Line 1: Setting: Inpatient Total Facility Patient Days \* : 1514 Total Facility Admissions \* : 1514 **1**

Line 2: If your facility has a CMS-certified rehab unit (IRF) or CMS-certified psych unit (IPF), please subtract these counts from  
**Counts= [Total Facility - (IRF + IPF)]**

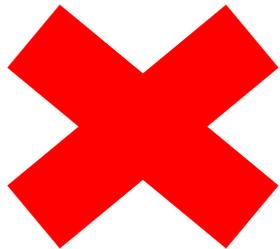
Patient Days \* : 1000 Admissions \* : 1000 **2**

Line 3: If your facility has a CMS-certified IRF, CMS-certified IPF, NICU, or Well Baby Unit, please subtract those counts from  
**Counts= [Total Facility - (IRF + IPF + NICU + Well Baby Unit)]**

Patient Days \* : 200 Admissions \* : 100 **3**

# Example: Incorrect Data Entry

- Line 2 and Line 3 refer to the total number of patients housed in inpatient locations (FacWideIN) in your facility, regardless of the patient's MDRO or *C. difficile* infection status (not diagnosis)
- \*\*\*Each denominator row should be a sub-set of the row above it



**General**

Line 1: Setting: Inpatient Total Facility Patient Days \*:  Total Facility Admissions \*:  ①

Line 2: If your facility has a CMS-certified rehab unit (IRF) or CMS-certified psych unit (IPF), please subtract these counts from "Total Facility Patient Days" and "Total Facility Admissions" (Line 1).  
If you do not have these units, enter the same values you entered on Line 1.  
Counts= [Total Facility - (IRF + IPF)]

Patient Days \*:  Admissions \*:  ②

Line 3: If your facility has a CMS-certified IRF, CMS-certified IPF, NICU, or Well Baby Unit, please subtract those counts from "Total Facility Patient Days" and "Total Facility Admissions" (Line 1).  
If you do not have these units, enter the same values you entered on Line 1.  
Counts= [Total Facility - (IRF + IPF + NICU + Well Baby Unit)]

Patient Days \*:  Admissions \*:  ③

# Denominator Data

Select CDI Test type quarterly (last month of each calendar-year quarter – March; June; September; December)

\*\*For this quarter, what is the primary testing method for *C. difficile* used most often by your facility's laboratory or the outside laboratory where your facility's testing is performed? (check one)

- Enzyme immunoassay (EIA) for toxin
- Cell cytotoxicity neutralization assay
- Nucleic acid amplification test (NAAT) (e.g., PCR, LAMP)
- Glutamate dehydrogenase (GDH) antigen plus EIA for toxin (2-step algorithm)
- GDH plus NAAT (2-step algorithm)
- GDH plus EIA for toxin, followed by NAAT for discrepant results
- Toxigenic culture (*C. difficile* culture followed by detection of toxins)
- Other (specify): \_\_\_\_\_

("Other" should not be used to name specific laboratories, reference laboratories, or the brand names of *C. difficile* tests; most methods can be categorized accurately by selecting from the options provided. Please ask your laboratory or conduct a search for further guidance on selecting the correct option to report.)

# Denominator Data: Emergency Department / 24-hour observation

- On the summary data entry screen, use the ‘Location Code’ drop down menu to select ED or 24-hour observation as the location for which you are entering the summary data.
- After selecting the appropriate unit, month, and year, one summary data field will become required (Total Encounters). Repeat steps for 24-hour observation locations.  
**1 visit = 1 encounter**

NHSN Home

MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

Mandatory fields marked with \*

Facility ID \*: Decennial Medical Center (ID 15331) ▾

Location Code \*: ER - EMERGENCY ROOM ▾

Month \*: January ▾

Year \*: 2017 ▾

General

Setting: Inpatient Total Patient Days:  Total Admissions:

Setting: Outpatient Total Encounters \*:

Summary Data

1 Encounter  
= 1 visit

NHSN Home

MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

Mandatory fields marked with \*

Facility ID \*: DHQP Memorial Hospital (ID 10000) ▾

Location Code \*: 2 WEST - 24 HOUR OBS ▾

Month \*: January ▾

Year \*: 2017 ▾

General

Setting: Inpatient Total Patient Days:  Total Admissions:

Setting: Outpatient Total Encounters:

# Denominator Data: Report No Events

- If you have identified and reported any *C. difficile* LabID events during the month, you are finished with your reporting for the month and can skip this step.
- If you have not identified any LabID events for *C. difficile* at the end of a month, you must indicate this on the summary data record to complete your reporting efforts.
- On the MDRO and CDI Module summary data form, checkboxes for “Report No Events” are found underneath the patient day and admission count fields, as seen in the screenshot below.

| MDRO & CDI Infection Surveillance or LabID Event Reporting |                                       |                                     |                          |                          |                          |                          |                          |                          |                                     |                          |
|--|---------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|
| Specific Organism Type                                     | MRSA                                  | Report No Events                    | VRE                      | Report No Events         | Klebsiella               | Report No Events         | MDR-<br>Acinetobacter    | Report No Events         | <i>C. difficile</i>                 | Report No Events         |
| Infection Surveillance                                     | <input type="checkbox"/>              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| LabID Event (All specimens)                                | <input type="checkbox"/>              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| LabID Event (Blood specimens only)                         | * <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |                          |

**If no LabID events are submitted for the month, these boxes should be “checked” for each event you are following “in-plan”. If these boxes are not checked, your data is not complete and will not be submitted to CMS.**

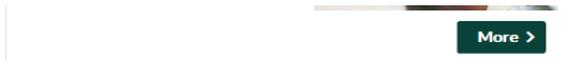
If you identify and enter LabID events for an organism after you’ve already checked the “Report No Events” box, the “Report No Events” check will automatically be removed in the NHSN database.

# LabID Event Calculator:

<https://www.cdc.gov/nhsn/labid-calculator/index.html>.

- Available for use with C. difficile and MDRO LabID Event reporting
- Aids in decision making around the 14-day rule
- External calculator

|  |   |
|--|---|
| Surveillance for Healthcare Personnel Exposure                 |   |
| Surveillance for Healthcare Personnel Vaccination              |   |
| Blood Safety Surveillance                                      |   |
| Long-term Acute Care Hospitals/Facilities                      | + |
| Long-term Care Facilities                                      | + |
| Outpatient Dialysis Facilities                                 | + |
| Inpatient Rehabilitation Facilities                            | + |
| Inpatient Psychiatric Facilities                               | + |
| <b>MDRO &amp; CDI LabID Event Calculator</b>                   |   |
| VAE Calculator   |   |
| HAI & POA Worksheet Generator                                  |   |
| FAQs about HCP Influenza Vaccination Summary Reporting in NHSN |   |
| FAQs About the Hemovigilance Module                            |   |
| 2015 Rebaseline  |   |
| Group Users  | + |
| Analysis Resources   | + |
| Annual Reports   |   |



## UTI - Surveillance for Urinary Tract Infections

### Catheter-Associated Urinary Tract Infection (CAUTI) and non-catheter-associated Urinary Tract Infection (UTI) and Other Urinary System Infection (USI)

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs



More >



## MDRO/C.Diff - Surveillance for C. difficile, MRSA, and other Drug-resistant Infections

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs



More >

## Pneumonia – Surveillance for pedVAP and PNEU Events

### Ventilator-associated (pedVAP) and non-ventilator-associated Pneumonia (PNEU)

\* In Plan Pediatric Locations Only

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs



More >

## CLIP - Surveillance for Central Line Insertion Practices Adherence

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs



More >

## SSI - Surveillance for Surgical Site Infection Events

## VAE - Surveillance for Ventilator-associated Events

## MDRO Lab ID Calculator

Welcome to the Multidrug-resistant Organism and Clostridium difficile LabID Event Calculator (LabID Calculator) which implements the National Healthcare Safety Network (NHSN) MDRO and C. difficile surveillance definitions. The calculator is designed as a learning tool for understanding the [... more](#)

### Enter a Reporting Plan...

Choose an organism to track

- MRSA
- MSSA
- VRE
- CephR-Klebsiella
- CRE-Ecoli
- CRE-Klebsiella
- MDR-Acinetobacter
- CDIF-C. difficile

All Specimen Types:  Blood Specimens Only:

Use Generic Locations:  Type In Your Own:

Choose a reporting month

Choose a reporting year

Next...

**Are you viewing this training video during March 2021?**

**Please submit questions to be answered during the live Q&A session. You can select the title of the presentation and submit your question using the form located on the 2021 NHSN Training webpage.**

**If you are viewing this training video after March 2021, please submit any questions about the content of the presentation to [NHSN@cdc.gov](mailto:NHSN@cdc.gov).**



**Additional NHSN training resources:**

**<https://www.cdc.gov/nhsn/training/>**

**Training Questions: [NHSNTrain@cdc.gov](mailto:NHSNTrain@cdc.gov)**

# Thank you for viewing this 2021 NHSN Training presentation!

For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

