

Locking into LabID Event Reporting

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Centers for Disease Control and Prevention

Objectives

By the end of this session, you will be able to:

- Understand and explain the basics of LabID Event Reporting as outlined in the NHSN PSC MDRO Chapter 12
- Apply the concepts and guidance for LabID Event Reporting as provided in the MDRO protocol
- Correctly report FacWideIN summary denominator data
- Using Case Studies, Identify and Correctly Report LabID Events

MDRO & CDI Events Webpage

<https://www.cdc.gov/nhsn/acute-care-hospital/index.html>

Inpatient Psychiatric Facilities

Patient Safety Component +

Long-term Care Facility Component +

Dialysis Component +

Biovigilance Component +

Healthcare Personnel Safety Component (HPS) +

Neonatal Component +

Outpatient Procedure Component +

NHSN Reports +

Group Users

Newsletters

Data Validation Guidance +

ACH Modules & Events

Access relevant training, protocols, data collection forms and supporting materials for each module.

AUR Module Antimicrobial Use & Resistance Options	PNEU Events Pneumonia (PedVAP) Events
BSI Events Bloodstream Infections	SSI Events Surgical Site Infection Events
CLIP Events Central Line Insertion Practice Adherence	UTI Events Urinary Tract Infections
MDRO & CDI Events Multidrug-Resistant Organism & <i>C. difficile</i> Infections	VAE Ventilator-associated Events
PedVAE Pediatric Ventilator-associated Events	HCP Flu Vaccination Healthcare Personnel Safety
	HCP Exposure

MDRO & CDI

Multidrug-Resistant Organism & *Clostridioides difficile* (MDRO/CDI) Infection Surveillance and LabID Event Reporting Module

[Print](#)

Protocols

[Chapter 12: MDRO & CDI Module Protocol – January 2025](#) [PDF – 51 pages]

[2025 Patient Safety Component Summary of Updates](#) [PDF – 6 Pages]

Supporting Chapters

[Chapter 1: NHSN Overview – January 2025](#) [PDF – 6 pages]

[Chapter 3: Patient Safety Monthly Reporting Plan – January 2025](#) [PDF – 2 pages]

[Chapter 15: CDC Location Labels and Location Descriptions – January 2025](#) [PDF – 55 pages]

[Chapter 16: NHSN Key Terms – January 2025](#) [PDF – 8 pages]

[Chapter 17: CDC/NHSN Surveillance Definitions for Specific Types of Infections – January 2025](#) [PDF – 32 pages]

MDRO & CDI Training

Educational Roadmap

CMS Requirements

FAQs

MDRO & CDI

Analysis

Annual Surveys

Locations

Miscellaneous



Overarching Concepts for all MDRO events

LabID Event Reporting

- LabID event reporting is a unique surveillance, separate from all other types of surveillance conducted by the facility. HAI rules do not apply to LabID events, specifically, the ‘transfer rule’ doesn’t apply to LabID event reporting.
- LabID Events are attributable to the location where the positive specimen is collected. There is no time requirement for ‘how long’ the patient must be housed on the unit to be eligible for reporting.
- LabID events are identified by patient and location at the individual facility. Events do not cross different NHSN facilities.
- The first positive specimen for the patient in the location meeting definition is submitted as a LabID event. Each time a patient moves to a new location, reporting resets.
- FacWideIN reporting includes all inpatient locations, all emergency departments and observation units.

LabID Event Reporting

- The 'date admitted to the facility' is the calendar day the patient locates to an inpatient location for the reporting facility - This is Hospital Day 1
- LabID Events are identified strictly from the laboratory test without clinical evaluation of the patient. This allows for a much less labor-intensive method to track C. difficile and MDROs, such as MRSA
- Symptoms nor diagnosis are used in LabID event reporting; there is no clinical aspect to LabID event reporting. The module intent is to track the incidence and prevalence of MDROs within the healthcare setting and community setting
- There are no exclusions offered in LabID event reporting however, there is a location specific rule which prohibits reporting a 'new' LabID event for the location until 15 days has passed between positive specimens. This rule is organism and location specific. Reporting resets each time the patient moves to a 'new' location.

Monthly Reporting Plan

The Monthly Reporting Plan (MRP)

The Monthly Reporting Plan (MRP) informs NHSN which modules a facility follows during a given month. A facility must file a MRP for each month of participation.

- Referred to as “In-Plan” data
- The most common ‘location’ selected on the MRP is “Facility Wide Inpatient (FacWideIN)” which is only available for LabID

Multi-Drug Resistant Organism Module

Locations			Specific Organism Type					
FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)			CDIF - C. difficile					
Process and Outcome Measures			Incidence	Prevalence	Lab ID Event All Specimens	Lab ID Event Blood Specimens Only	HH	GG
Infection Surveillance	AST-Timing	AST-Eligible	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)			MRSA - MRSA					
Process and Outcome Measures			Incidence	Prevalence	Lab ID Event All Specimens	Lab ID Event Blood Specimens Only	HH	GG
Infection Surveillance	AST-Timing	AST-Eligible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Monthly Reporting Plan (MRP)

Facility Wide Inpatient (FACWIDEIN) includes all inpatient locations, Emergency Departments and 24-hour Observation units. ED and Observation will auto-populate when FacWideIN is selected on the MRP.

Multi-Drug Resistant Organism Module

Locations		Specific Organism Type		
FACWIDEIN - Facility-wide Inpatient [FacWIDEIn]		CDIF - C. difficile		
0909 - 0909		CDIF - C. difficile		
2W - 24 HR OBV		CDIF - C. difficile		

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Multi-Drug Resistant Organism Module

Locations		Specific Organism Type		
FACWIDEIN - Facility-wide Inpatient [FacWIDEIn]		MRSA - MRSA		
0909 - 0909		MRSA - MRSA		
2W - 24 HR OBV		MRSA - MRSA		

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

LabID Event Definitions and Reporting Instructions

Definition: *C. difficile* LabID Event

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

NOTE:

When using a multi-step testing algorithm for CDI on the same unformed stool specimen, the finding of the last test performed will determine if the CD(+) lab assay definition is met.

Only when the final report has specific test times attached to each test method (for example, PCR and antigen/toxin) can one make a valid determination of which test is the last test performed.

If there are no specific test times/ time stamps attached to each individual testing method on the final lab report, consider the tests as performed simultaneously and any positive finding is eligible for use.

Event Information – Specimens Collection Form

From Outpatient and Inpatient locations.

Outpatient Location

Event Information

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

Date Specimen Collected *: 01/31/2025

Specific Organism Type *: CDIF - C. difficile

Outpatient *: Y - Yes

Specimen Body Site/Source *: DIGEST - Digestive System

Specimen Source *: STOOL - Stool specimen

Location *: ED-ER - ED-ER

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):

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?:

Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in any prior month?: Y - Yes 

Inpatient Location

Event Information

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

Date Specimen Collected *: 01/31/2025

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 *: 01/31/2025

Location *: 71ICU - 71 ICU CARDIAC

Date Admitted to Location *: 01/31/2025

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?:

Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in any prior month?: Y - Yes 

*** Required Fields**

MRSA bacteremia LabID Event

MRSA identified from blood culture:

Includes *S. aureus* cultured from a blood culture specimen that tests oxacillin-resistant, cefoxitin resistant, or methicillin-resistant by standard susceptibility testing methods

OR

Any lab finding where **MRSA** is specifically identified (includes but not limited to PCR or other molecular based detection methods).

Example: MRSA isolated

- NOTE: Applies to ALL inpatient locations [including locations known to predominately house babies] and Emergency Departments and 24-hour Observation locations.

Event Information- Specimens Collected Form

From Outpatient and Inpatient locations.

Outpatient Location

Event Information

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

Date Specimen Collected *: 20

Specific Organism Type *: MRSA - MRSA

Outpatient *:

Specimen Body Site/Source *:

Specimen Source *:

Date Admitted to Facility *:

Location *:

Date Admitted to Location *:

Has patient been discharged from your facility in the past 4 weeks?:

Has the patient been discharged from another facility in the past 4 weeks?:

Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in any prior month?:

Event Information

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

Date Specimen Collected *: 02/01/2025 20

Specific Organism Type *: MRSA - MRSA

Outpatient *: N - No

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

Specimen Source *:

Date Admitted to Facility *:

Location *:

Date Admitted to Location *:

Has patient been discharged from your facility in the past 4 weeks?:

Has the patient been discharged from another facility in the past 4 weeks?:

Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in any prior month?:

Custom Fields

CDI STRAIN:

ALPHA:

NUMER:

Comments

Inpatient Location

Event Information

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

Date Specimen Collected *: 02/01/2025 20

Specific Organism Type *: MRSA - MRSA

Outpatient *: N - No

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

Specimen Source *: BLDSPC - Blood specimen

Date Admitted to Facility *:

Location *: 3W - BURN UNIT

Date Admitted to Location *:

Has patient been discharged from your facility in the past 4 weeks?:

Has the patient been discharged from another facility in the past 4 weeks?:

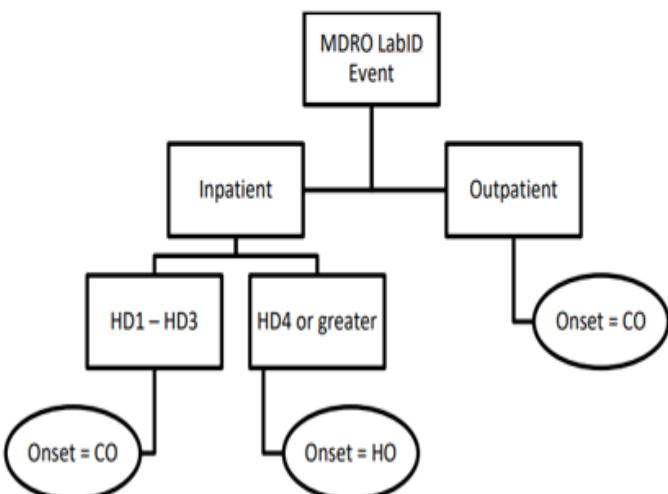
Documented evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event in any prior month?:

* Required Fields

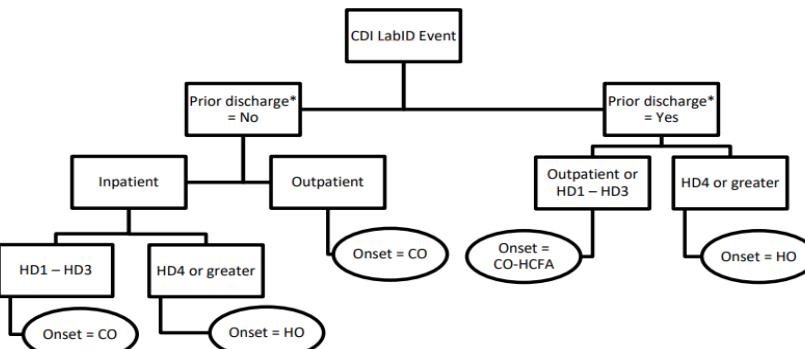
Categorizing LabID Events

Onset

- Community-Onset (CO): LabID Event specimen collected in an outpatient location or an inpatient location on Hospital Day 1 [day of admission], HD 2 or HD 3.
- Healthcare Facility-Onset (HO): LabID Event specimen collected on or after Hospital Day 4 where HD 1 is day of admission. Thus, all HO LabID Events will have occurred more than 3 calendar days after admission.



- Community-Onset Healthcare Facility-Associated (CO-HCFA): CO LabID Event collected from an inpatient or an outpatient location from a patient who was discharged from the facility less than or equal to 28 days prior to current date of stool specimen collection. The previous discharge must have been from an inpatient location within the



* Patient discharged from inpatient location within the same facility less than or equal to 28 days prior current event

Confirm Onset: Line Listing Reports

The diagram illustrates the process of generating a line listing report for LabID events. It starts with the 'Analysis' menu (1) and 'Reports' (2) option, leading to the 'Line Listing - All LabID Events' report (6). This report displays a table of events (7) with columns for orgID, patID, eventID, spcOrgType, location, outpatient, prevPos, onset, admitDate, locationAdmitDate, specimenSource, and specimenDate. A green box highlights the 'spcOrgType' column, which shows repeated entries for MRSA, CDIF, and other pathogens. A blue arrow points from the report to the 'Analysis Reports' section (3), which contains a tree view of report types (4). The 'Line Listing for All LabID Events' option (5) is highlighted with a red oval and a blue arrow pointing back to the report table.

National Healthcare Safety Network
Line Listing - All LabID Events
As of: February 20, 2025 at 6:02 PM UTC
Date Range: LABID_EVENTS admitDate 12/31/2024 to 01/31/2025

orgID	patID	eventID	spcOrgType	location	outpatient	prevPos	onset	admitDate	locationAdmitDate	specimenSource	specimenDate
			MRSA		N	N	CO	01/11/2025	01/11/2025	BLDSPC	01/13/2025
			CDIF		N	N	HO	01/18/2025	01/18/2025	STOOL	01/22/2025
			MRSA		N	N	HO	12/31/2024	01/16/2025	BLDSPC	01/19/2025
			MRSA		N	N	HO	01/08/2025	01/14/2025	BLDSPC	01/22/2025
			MRSA		N	N	CO	01/24/2025	01/24/2025	BLDSPC	01/25/2025
			MRSA		N	Y	CO	01/06/2025	01/06/2025	BLDSPC	01/07/2025
			MRSA		N	N	CO	01/11/2025	01/12/2025	BLDSPC	01/13/2025
			MRSA		N	N	CO	01/01/2025	01/01/2025	BLDSPC	01/01/2025
			MRSA		N	N	CO	01/15/2025	01/15/2025	BLDSPC	01/15/2025

NHSN Home
Alerts
Dashboard
Reporting Plan
Patient
Event
Procedure
Summary Data
Hospital Respiratory Data
Blood Culture Shortage
Import/Export
Surveys
Analysis
Users

Analysis Reports

Expand All | Collapse All | Search

- HAI Risk Adjusted Measure Reports (SIRs, SURs)
- HAI Detailed Reports (Line Lists, Rate Tables, etc.) (3)
- Device-Associated (DA) Module
- Procedure-Associated (PA) Module
- HAI Antimicrobial Resistance (DA+PA Modules)
- MDRO/CDI Module - LABID Events (4)
- MRSA LabID Events
- C. difficile LabID Events
- VRE LabID Events
- All CRE LabID Events
- CRE-Klebsiella LabID Events
- CRE-Ecoli LabID Events
- CRE-Enterobacter LabID Events
- CephR-Klebsiella LabID Events
- Acinetobacter LabID Events
- MSSA LabID Events
- All LabID Events
- Line Listing for All LabID Events (5)
- Frequency Table for All LabID Events
- Bar Chart for All LabID Events
- Pie Chart for All LabID Events

FacWideIN SIR

The screenshot shows the NHSN Analysis Reports interface. The left sidebar lists various reporting categories. The 'HAI Detailed Reports (Line Lists, Rate Tables, etc.)' and 'MRSA LabID Events' nodes are highlighted with yellow boxes and blue arrows pointing to them. A large blue arrow points down to a detailed report table below.

National Healthcare Safety Network
Line Listing - All MRSA LabID Events

As of: February 20, 2025 at 6:31 PM UTC
Date Range: LABID_EVENTS admDateYQ 2024Q4 to 2024Q4
if (((spcOrgType = "MRSA"))

orgID	patID	eventID	spcOrgType	location	outpatient	onset	admitDate	locationAdmitDate	specimenSource	specimenDate	ageAtSpec	facToSpecDays	FWMRSA_admPrevBldCount	FWMRSA_bldInCount	
			MRSA			N	HO	10/24/2024	10/24/2024	BLDSPC	10/30/2024	69	7	0	1
			MRSA			N	HO	10/15/2024	10/17/2024	BLDSPC	10/19/2024	75	5	0	1
			MRSA			N	CO	12/22/2024	12/22/2024	BLDSPC	12/23/2024	34	2	1	0
			MRSA			N	CO	12/13/2024	12/13/2024	BLDSPC	12/14/2024	32	2	0	0
			MRSA			N	CO	12/13/2024	12/15/2024	BLDSPC	12/15/2024	32	3	0	0
			MRSA			N	CO	11/22/2024	11/22/2024	BLDSPC	11/22/2024	60	1	1	0
			MRSA			N	HO	12/25/2024	12/25/2024	BLDSPC	01/15/2025	79	22	0	1
			MRSA			N	CO	11/26/2024	11/26/2024	BLDSPC	11/27/2024	24	2	1	0
			MRSA			N	HO	12/31/2024	01/16/2025	BLDSPC	01/19/2025	74	20	0	1

CDI LabID Events Categories

National Healthcare Safety Network

Line Listing - All CDI LabID Events

As of: May 16, 2025 at 3:06 PM UTC

Date Range: LABID_EVENTS admDateYM 2024M05 to 2025M05

if ((spcOrgType = "CDIF"))

orgID	patID	eventID	spcOrgType	location	outpatient	onset	cdiAssay	admitDate	locationAdmitDate	specimenSource	specimenDate	ageAtSpec	facToSpecDays	FWCDIF_facIncHOCount	FWCDIF_admPrevCOCount	FWCDIF_admPrevCOCount_bs3
			CDIF	71ICU	N	HO	INCIDENT	12/01/2024	12/03/2024	STOOL	12/10/2024	17	10	1	0	0
			CDIF	88	N	HO		12/01/2024	12/03/2024	STOOL	12/16/2024	17	16	0	0	0
			CDIF	TELE	N	HO	RECURRENT	12/24/2024	12/24/2024	STOOL	12/31/2024	17	8	0	0	0

Sorted by orgID patID

Any C. diff LabID Event with a blank CDI Assay field indicates that it is related to a previous defining Event in a different location.

Inpatient community-onset prevalence C. diff LabID Event classified under 2015 baseline (FWCDIF_admPrevCOCount) and 2022 baseline (FWCDIF_admPrevCOCount_bs3)

Data contained in this report were last generated on May 16, 2025 at 2:48 PM UTC to include data beginning May 2024 through May 2025.

CDI LabID Events are further categorized by NHSN:

- **Incident** CDI LabID Event: Any CDI LabID Event from a specimen obtained more than 56 days 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 more than 14 days and less than or equal to 56 days after the most recent CDI LabID Event for that patient. Note: the date of first specimen collection is considered day 1.
- **CdiAssay** will be unassigned, or “blank”, for any CDI LabID event collected less than or equal to 14 days after the most recent CDI LabID event for that patient.

Analysis Resources

<https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/nhsn-sir-guide.pdf>

A comprehensive guide to NHSN's SIR, including risk factors used in the SIR calculations under the 2015 baseline.

<https://www.cdc.gov/nhsn/2022rebaseline/sir-guide.pdf>

A comprehensive guide to NHSN's SIR, including risk factors used in the SIR calculations under the 2022 baseline.

https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/mrsacdi_tips.pdf

Last (not least) Step to Complete Reporting Denominator Data

FacWideIN Denominator Summary Data

Specific location (ED, OBS, Rehab, etc.) Summary Data

CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

NHSN - National Healthcare Safety Network

Add Patient Safety Summary Data

Summary Data Type: MDRO and CDI Preven

Location Code *: FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)

Month *: December

Year *: 2024

General

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

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 *:

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 *:

For this quarter, what is the standard testing method or algorithm for C. difficile used by your facility laboratory or the outside laboratory where your facility's testing is performed (check one): *

1 2

Organism Selection/Confirmation of No Events

Specific Organism Type	MRSA	Report No Events	CDIF	Report No Events	MRSA	Report No Events	CRE-Ecoli	Report No Events	CRE-Enter	Report No Events	CRE-Kleb	Report No Events	MDA
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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LabID Event (All specimens)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
LabID Event (Blood specimens only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>								

specific to inpatient events

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Additional Required Data for FacWideIN Reporting

Patient Days *: Admissions *:

For this quarter, what is the standard testing method or algorithm for *C. difficile* used by your facility laboratory or the outside laboratory where your facility's testing is performed (check one): *

Organism	Method	MSSA	Report No Events	CephR-Kleb	Report No Events	CRE-Ecoli	Report No Events	CRE-Enterotoxigenic	Report No Events	CRE-Klebsiella	Report No Events	MDR	Report No Events	MDR Adm
EIA - Enzyme immunoassay (EIA) for toxin	<input checked="" type="checkbox"/>	<input type="checkbox"/>												
Cyto - Cell cytotoxicity neutralization assay	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAAT - Nucleic acid amplification test (NAAT)	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAATEIA - NAAT plus EIA, if NAAT positive (2-step algorithm)	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GDH - Glutamate dehydrogenase (GDH) antigen plus EIA for toxin	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GDHNAAT - GDH plus NAAT	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GDHEIA - GDH plus EIA for toxin, followed by NAAT for discrepant results	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ToxCul - Toxigenic culture	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTH - Other (specify)	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Location Code *: Month *: Year *:

General

Setting: Inpatient Total Patient Days: Total Admissions:

Organism Selection/Confirmation of No Events

Specific Organism Type	MRSA	Report No Events	CDIF	Report No Events	MSSA	Report No Events	CephR-Kleb	Report No Events	CRE-Ecoli
Infection Surveillance	<input type="checkbox"/>								
LabID Event (All specimens)	<input type="checkbox"/>								
LabID Event (Blood specimens only)	<input type="checkbox"/>								

FacWideIN Specific location (ED, OBS) summary data

Location Code *: ED-ER - ED-ER

Month *: January

Year *: 2025

General

Setting: Outpatient Total Encounters *: []

Organism Selection/Confirmation of No Events						
Specific Organism Type	MRSA	Report No Events	CDIF	Report No Events	MSSA	Report No Events
Specific Organism Type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Infection Surveillance	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LabID Event (Blood specimens only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>

specific to ED events

Facility ID *: Decennial Medical Center (ID 15331)

Location Code *: OBS - 24-HR OBS

Month *: January

Year *: 2025

General

Setting: Outpatient Total Encounters *: []

Organism Selection/Confirmation of No Events						
Specific Organism Type	MRSA	Report No Events	CDIF	Report No Events	MSSA	Report No Events
Specific Organism Type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Infection Surveillance	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LabID Event (Blood specimens only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>

specific to OBS

Note: an encounter is defined as any patient visit to an outpatient location.

LabID Event Calculator

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

- Available for use with C. difficile and all MRDOs LabID Event reporting
- Aids in decision making around the 14-day rule (duplicate event timeframe)
- External calculator – works with any browser that has javascript enabled

MDRO & CDI LabID Event Calculator Version 2.0

[Print](#)

Welcome to Version 2.0 of the MDRO & CDI LabID Event Calculator. Version 2.0 operates based upon the currently posted LabID Event protocols in the NHSN Multidrug-Resistant Organism (MDRO) & *Clostridioides difficile* Infection (CDI) Module. The calculator is a web-based tool that is designed to help users learn how to accurately apply the MDRO & CDI LabID Event algorithms and assist users in making the correct MDRO & CDI LabID Event determinations.

Please note that the MDRO & CDI LabID Event Calculator does not ask users to enter any patient identifiers (other than dates of specimen collection, which can be changed as needed). The MDRO & CDI LabID Event Calculator does not save, store, or report any data that is entered. Likewise, LabID Event determination data are NOT reported to the NHSN application, and users will not be able to export data entered into the Calculator. Therefore, events that are determined by the Calculator to be LabID Events will need to be entered into the NHSN application either manually or via CDA.

If you have questions or suggestions about the Calculator, please feel free to send them to the NHSN mailbox:
nhsn@cdc.gov.

 **MDRO & CDI LabID Event Calculator**
Version 2.0
(must have javascript enabled)



CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

National Healthcare Safety Network (NHSN)

[CDC](#) > [NHSN](#) > [Materials for Enrolled Facilities](#)

MDRO & CDI LabID Event 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:

- Select
- 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: 

For NHSN questions or concerns related to the Annual Training

Post questions in the Annual Training Community

After June 10th, please submit questions to the NHSN Help Desk.

- Access new portal at <https://servicedesk.cdc.gov/nhsncsp> .
- If you do not have a SAMS login, or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov.

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 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.

