

How to Set Up NHSN Reporting for Facility-Wide Inpatient MRSA Bacteremia and *C. difficile* LabID events for the CMS Long Term Care Hospital* Quality Reporting Program

*Note that Long Term Care Hospitals are called Long Term Acute Care Hospitals (LTACHs) in NHSN.

The following instructions can be used as a guide to assist with facility setup and monthly reporting as required by the CMS Long Term Care Hospital Quality Reporting (LTCHQR) Program. This guidance only applies to the CMS LTCHQR Program's facility-wide inpatient reporting requirement, and does not replace or supersede any requirements as part of state mandatory reporting.

Note: This document covers the requirements for facility-wide inpatient (FacWideIN) surveillance of both MRSA bacteremia and *C. difficile*. **The CMS LTCHQR Program no longer requires submission of data for MRSA bacteremia starting with 2018 Q4 data. However, LTACHs may still be required to report MRSA bacteremia data in response to a state or local reporting mandate, or may choose to continue this surveillance voluntarily.**

In order to fully comply with NHSN's reporting protocol for MRSA bacteremia and *C. difficile*, LTACHs must map each of their inpatient locations, include MRSA bacteremia and *C. difficile* LabID events in their monthly reporting plan each month, enter LabID events when identified, enter a summary data record each month, and indicate when they have zero LabID events to report for the facility in a given month. If these reporting requirements are not met, your facility's data will not be sent to CMS if applicable.

Step 1: Map every inpatient location

- Reporting of MRSA bacteremia and *C. difficile* LabID events must be done for all inpatient locations in your facility – each of these inpatient locations must be mapped as a unique location in NHSN.
- To view, add, or edit the locations that you have mapped in your facility, click on Facility > Locations in the NHSN navigation bar to access the Location Manager.
- For more information about the types of locations available in NHSN for LTACHs and instructions on how to map your inpatient locations, refer to the location mapping guidance at http://www.cdc.gov/nhsn/PDFs/pscManual/15LocationsDescriptions_current.pdf.



Step 2: Include facility-wide (“FacWideIN”) reporting of LabID events (for example, MRSA bacteremia and *C. difficile*) in your monthly reporting plans

- At the beginning of each month, add facility-wide reporting for MRSA bacteremia and *C. difficile* LabID events to your monthly reporting plan (MRP) using the “FacWideIN” location. Data must be listed in your monthly reporting plan in order to be submitted to CMS. Use the “Add Rows” button to add an additional row to the MRP.

Multi-Drug Resistant Organism Module

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

- If your facility chooses to report LabID events for all MRSA specimens (and indicates this on your monthly reporting plan), only the MRSA LabID events from blood specimens will be included in the standardized infection ratio (SIR).

Step 3: Identify and enter all MRSA bacteremia and *C. difficile* LabID events into NHSN by location

- Each month, facilities should use the MDRO/CDI Module protocol to identify MRSA bacteremia and *C. difficile* LabID events.
- All identified LabID events must be entered into NHSN using the specific inpatient location where the patient was assigned at the time of specimen collection, as shown in the screenshot below. You will not be able to use the FacWideIN location when reporting individual LabID events.



Event Information

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

Date Specimen Collected *: 01/10/2021 30

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 *: 01/05/2021 30

Location *: LTAC ICU ▾

Date Admitted to Location *: 01/05/2021 30


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?: ▾

Step 4: Enter monthly summary data for the entire facility

- At the end of the month, enter an MDRO/CDI Module summary data record for the FacWideIN location.
 - Click on 'Summary Data' and then 'Add' on the left-hand navigation bar
 - Select 'MDRO and CDI Monthly Denominator – all Locations' from the Summary Data Type drop-down menu.

 **Add Patient Safety Summary Data**

Summary Data Type: MDRO and CDI Monthly Denominator - all Locations ▾

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- On the summary data entry screen, you **must** select FacWideIN as the location for which you are entering the summary data by clicking on the drop-down menu next to 'Location Code.'
- After selecting the FacWideIN location, month, and year, several summary data fields will become required.



- Enter the total facility’s patient days and admissions, for the entire month.
- If your facility has any inpatient rehabilitation units (IRF) or inpatient psychiatric units (IPF) that are certified by CMS, answer “yes” to the question about unique locations. Otherwise, answer “no”.
 - If your facility has an IPF and/or IRF, complete the additional denominator data entry by entering the facility’s patient days and admissions for all units in the facility *except* the IPF and/or IRF unit(s).
- Note: The denominator form for the 3rd month of each quarter (March, June, September, December) will have an additional required data entry field for CDI test type. Use the drop-down menu to select the CDI laboratory test method that was used for the majority of that quarter.

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

Month *: January ▼

Year *: 2021 ▼

General

Line 1: Setting: Inpatient Total Facility Patient Days *: 2000 Total Facility Admissions *: 200

Does your facility have a CMS-certified Inpatient Rehabilitation (IRF) or Inpatient Psychiatric (IPF) Unit? *: Y - Yes ▼

Line 2: Subtract the IRF and IPF Unit's patient days and admissions from the totals that were entered on Line 1. Enter the new totals below:

Patient Days *: 1800 Admissions *: 170

- For more information about how to collect and report the information required, refer to the MDRO/ CDI Module protocol.
- If you have identified and reported LabID events for all organisms in your monthly reporting plan during the month, you are finished with your reporting for the month. If not, proceed to Step 5 (reporting no events).

Step 5: Reporting no events for MRSA bacteremia and *C. difficile* LabID events

- If you have not identified any LabID events for a particular organism at the end of a month, you must indicate this on the summary data record in order for your data to be sent with CMS.
- 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.



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

- If LabID events have already reported for the specific organism, the “Report No Events” box will be disabled, preventing it from being checked.

***Please note:** 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.

Additional resources:

- MDRO/CDI Module protocol: <http://www.cdc.gov/nhsn/LTACH/mdro-cdi/index.html>
- Operational guidance for LTACHs to report *C. difficile* LabID event data to NHSN to fulfill CMS LTCH Quality Reporting Requirements : <https://www.cdc.gov/nhsn/pdfs/cms/ltac/ltch-cdi-op-guidance.pdf>

