How to Set Up Facility-Wide Inpatient MRSA Bacteremia and *C. difficile* LabID Event Reporting per NHSN Protocol for the CMS Inpatient Quality Reporting Program (Updated December 2016)

In order to fully comply with NHSN and CMS reporting requirements for the Hospital Inpatient Quality Reporting (IQR) Program, facilities must map each of their inpatient locations, outpatient emergency departments (ED) (i.e., adult and pediatric) and 24-hour observation locations, include MRSA bacteremia and *C. difficile* LabID events in their monthly reporting plan each month, enter LabID events when identified, enter summary data records 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.

The following instructions can be used as a guide to assist with facility setup and monthly reporting as required by NHSN and the CMS program. This guidance only applies to the CMS IQR Program's facility-wide inpatient reporting requirement, and does not replace or supersede any requirements as part of state mandatory reporting. Separate guidance is available on the CMS Requirements page on the NHSN website for acute care facilities that have separate CMS licensed Inpatient Rehabilitation Facility (IRF) units who will begin reporting MRSA Bacteremia and *C. difficile* LabID events in January 2015: http://www.cdc.gov/nhsn/cms/index.html.

Step 1: Map every inpatient location, outpatient ED, and 24-hour observation location

- Reporting of MRSA bacteremia and *C. difficile* LabID events must be done for all inpatient locations in your facility.
- Beginning January 2015, hospitals that are performing in-plan FACWIDEIN LabID Surveillance will also be required to perform in-plan surveillance in each emergency department (ED) and 24-hour Observation location (Obs) for the same organism and LabID event type (i.e., All specimens or blood specimens only).
- Each inpatient, ED, and 24-hour observation location 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 and instructions on how to map your locations, refer to the location mapping guidance: http://www.cdc.gov/nhsn/PDFs/pscManual/15LocationsDescriptions_current.pdf.

Step 2: Include facility-wide, ED, and 24-hour observation reporting of MRSA bacteremia and *C. difficile* LabID events in your monthly reporting plans

- At the beginning of each month, add facility-wide reporting of MRSA bacteremia and *C. difficile* LabID events to your monthly reporting plan using the "FACWIDEIN" location.
- Beginning January 2015, mapped active ED and 24-hour observation locations will be automatically populated on the monthly reporting plan if FacWideIN reporting has been added by the facility.
- The MDRO/CDI Module section of the plan must contain the rows shown in the screenshot below, as applicable, in order for your acute care facility's data to be sent to CMS.

Multi-Drug Resistant Organism Module

FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)	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
☐			☐	☐	☐	☑	☐	☐

2WEST - OBSERVATION UNIT	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
☐			☐	☐	☐	☑	☐	☐

ED - ED	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
☐			☐	☐	☐	☑	☐	☐

FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)	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
☐			☐	☐	☑	☐	☐	☐

2WEST - OBSERVATION UNIT	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
☐			☐	☐	☑	☐	☐	☐

ED - ED	CDIF - C. difficile

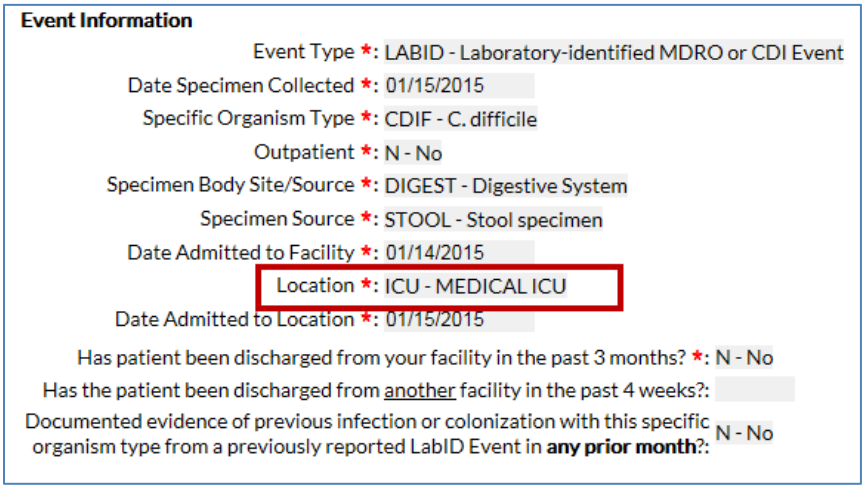
Process and Outcome Measures

Infection Surveillance	AST-Timing	AST-Eligible	Incidence	Prevalence	Lab ID Event All Specimens	Lab ID Event Blood Specimens Only	HH	GG
☐			☐	☐	☑	☐	☐	☐

- If your facility chooses to report LabID events for all MRSA specimens (and indicates this in your monthly reporting plan), only the MRSA LabID events from blood specimens will be included in the data sent to CMS.

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

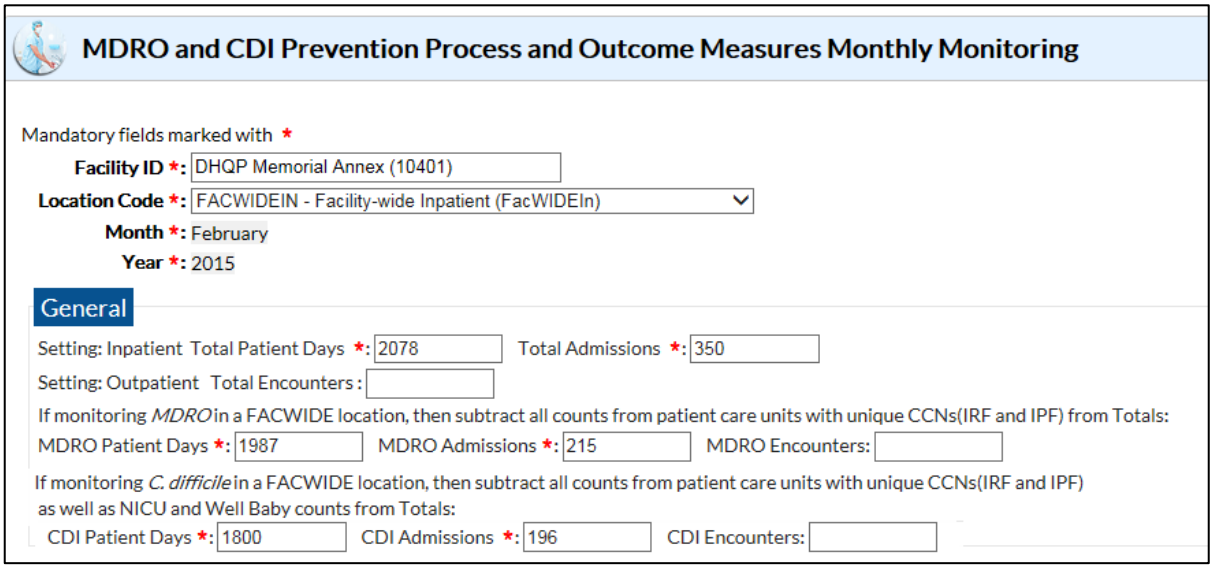
- Each month, facilities should use the MDRO/CDI Module protocol to identify MRSA bacteremia and *C. difficile* LabID events.
- All identified LabID events must be entered into NHSN using the specific location where the patient was assigned at the time of specimen collection, as shown in the screenshot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



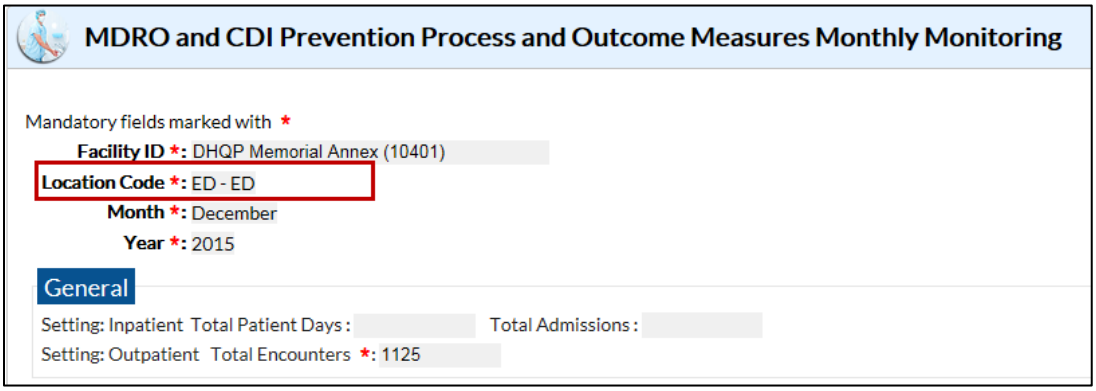
Step 4: Enter monthly summary data for the entire facility

- 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 Prevention Process and Outcome Measures Monthly Monitoring' from the Summary Data Type dropdown menu. This is a different form than the one you use to report summary data for CLABSI and CAUTI.
  - 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, six summary data fields will become required.
  - Beginning January 1, 2015 facilities will be required to exclude and indicate that inpatient rehabilitation facilities (IRFs) and inpatient psychiatric facilities (IPFs) locations that have CMS Certification Numbers (CCNs) that are different from the acute care facility (even if only different by a single letter in the 3rd position) have been removed from monthly FacWideIN denominator counts (patient days and admissions).
    - More detailed guidance on separating IRF and IPF counts can be found here: http://www.cdc.gov/nhsn/pdfs/cms/acutecare-mrsa-cdi-labiddenominator-reporting.pdf
  - As shown in the below screenshot, three separate counts are required:

- The total facility patient days and admissions for **all** units within the facility.
- The total facility patient days and admissions for all units within the facility minus the separately licensed CMS IRF and IPF locations.
- The total facility patient days and admissions for all units within the facility minus the separately licensed CMS IRF and IPF locations and the NICU and Well Baby locations.



- Beginning January 2015, facilities will also report separate denominators to capture ED and 24-hour observation location(s) encounters for each mapped location.
  - On the summary data entry screen, select the appropriate outpatient location using the Location Code drop down menu.
  - After selecting the outpatient location, month, and year, the total facility encounters field will become required.



- Facilities must report denominators for each location listed on the monthly reporting plan.
- For more information about how to collect the information to be entered in these fields, refer to the MDRO/CDI Module protocol (http://www.cdc.gov/nhsn/PDFs/pscManual/12pscMDRO_CDADcurrent.pdf), as the methods of counting patient days and admissions differ for MRSA bacteremia and *C. difficile* LabID event reporting.

- If you have identified and reported both MRSA bacteremia and *C. difficile* LabID events 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 MRSA bacteremia and/or *C. difficile* at the end of a month, you must indicate this on each 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.

MDRO & CDI Infection Surveillance or LabID Event Reporting

Specific Organism Type	MRSA	Report No Events	VRE	Report No Events	CephR-Klebsiella	Report No Events	CRE-Ecoli	Report No Events	CRE-Enterobacter	Report No Events	CRE-Klebsiella	Report No Events	MDR-Acinetobacter	Report No Events	C. difficile	Report No Events
Infection Surveillance	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
LabID Event (All specimens)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	* ☑	☑
LabID Event (Blood specimens only)	* ☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		

- You may need to scroll all the way to the right side of your browser window to see the "Report No Events" box for *C. difficile*.
- 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/PDFs/pscManual/12pscMDRO_CDADcurrent.pdf

- Operational guidance for Acute Care Hospitals to reporting MRSA bacteremia and *C.difficile* LabID events to CMS via NHSN:
  - MRSA bacteremia: http://www.cdc.gov/nhsn/pdfs/cms/final-ach-mrsa-bacteremia-guidance.pdf
  - *C.difficile:* http://www.cdc.gov/nhsn/pdfs/cms/final-ach-cdi-guidance.pdf

- NHSN Guidance for Acute Care Hospital FacWideIN MRSA/CDI LabID Denominator Reporting for 2015: http://www.cdc.gov/nhsn/pdfs/cms/acutecare-mrsa-cdi-labiddenominator-reporting.pdf