HEALTHCARE-ASSOCIATED INFECTION (HAI) MODULE
Part Three

Laboratory-identified Event (LabID) Module for Long-Term Care Facilities (LTCFs): Knowledge Checks and Examples

Date: October 2022

Learning Objectives

- Practice applying the NHSN LabID Event definitions and protocols through case studies.

- Review material covered in Part 1 and 2.

Knowledge Check

Knowledge Check 1:

Mr. G is a resident in your LTCF. On March 1st, he was transferred to the local emergency department for evaluation of copious diarrhea for 3 days. While in the ED, he tested positive for *C. difficile*. After receiving IV fluids and a prescription for medication, Mr. G was transferred back to the LTCF on the next calendar day, March 2.

Does this test result qualify as a CDI LabID Event that must be reported to NHSN?

A. YES. Because the specimen was collected in an outpatient setting and the resident returned to the LTCF within 2 calendar days.

B. NO. Because he had a documented history of CDI while in another facility.

C. NO. because the test was collected over the weekend.

Correct Answer

A. YES.

Because the specimen was collected in an outpatient setting and the resident returned to the LTCF within 2 calendar days.

Knowledge Check 2:

Mr. Lloyd, a resident in your LTCF, was re-admitted to your facility after a brief inpatient stay at the local acute care hospital. You read in his chart that during his admission in the acute care facility, he tested positive for *C. difficile*.

Should you report a CDI LabID event for the positive *C. difficile* test result that was collected during his admission in the acute care facility?

A. YES

B. NO

Correct Answer

B. NO

Your LTCF does NOT submit the C. difficile positive laboratory assay to NHSN as a CDI Lab ID event since the specimen was collected during an admission in another facility.
Hint: if he is tested again, after admission to your LTCF, a C. difficile positive laboratory assay would be submitted as a CDI LabID event.

Knowledge Check 3 (*Mr. Lloyd cont.*):

What if Mr. Lloyd had another positive *C. difficile* test result two days after returning to your facility?

Should you report this specimen as a CDI LabID event?

A. YES

B. NO

Specimen collected while receiving care in the LTCF

Correct Answer

A. Yes

Knowledge Check 4:

Mr. T is a long-term resident in your facility. On December 10th, he had 4 episodes of copious diarrhea and a fever that continued through the next day. A loose stool specimen was collected on 12/11, and subsequently returned positive for *C. difficile* toxin. A CDI LabID event was submitted to NHSN for 12/11 (date of specimen collection). Over the next week, Mr. T seemed to improve, and the diarrhea and fever resolved with treatment. On December 20th, the diarrhea returned and after several episodes of diarrhea, a loose specimen was collected on the same day and tested positive for *C. difficile* toxin.

Should you report the second positive C. difficile test result as a CDI LabID Event for your facility for 12/20?

A. YES

B. NO

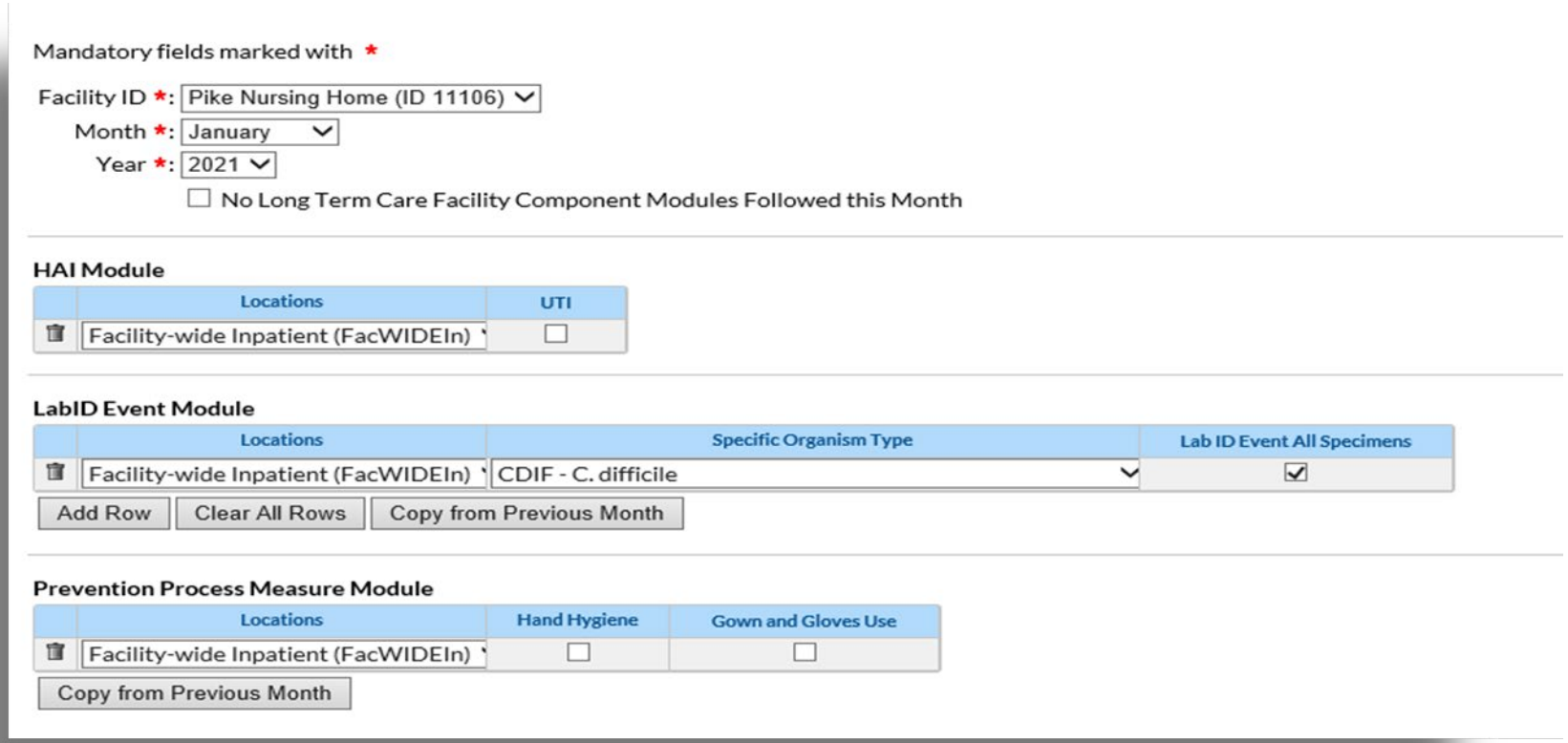
Correct Answer

A. Yes

Hint: All CDI LabID events must be submitted to NHSN. Exceptions are not made for duplicate specimens.

Knowledge Check 5:

Based on this reporting plan, what modules and events will this facility report for January 2021?



Mandatory fields marked with *

Facility ID *: Pike Nursing Home (ID 11106)

Month *: January

Year *: 2021

☐ No Long Term Care Facility Component Modules Followed this Month

HAI Module

	Locations	UTI
🗑	Facility-wide Inpatient (FacWIDEIn)	☐

LabID Event Module

	Locations	Specific Organism Type	Lab ID Event All Specimens
🗑	Facility-wide Inpatient (FacWIDEIn)	CDIF - C. difficile	☑

Add Row | Clear All Rows | Copy from Previous Month

Prevention Process Measure Module

	Locations	Hand Hygiene	Gown and Gloves Use
🗑	Facility-wide Inpatient (FacWIDEIn)	☐	☐

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A. UTI only

B. All LabID events

C. CDI LabID event only

Correct Answer

C. CDI LabID event only

Knowledge Check 6:

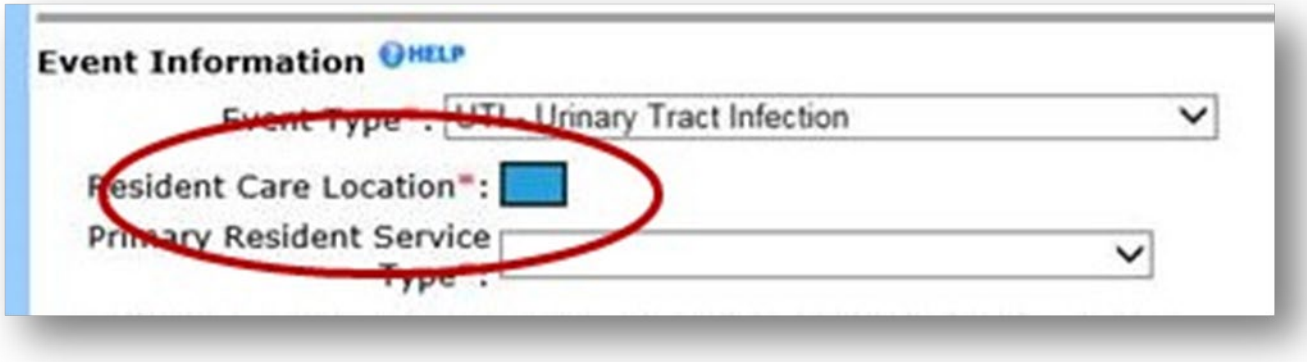
I'm entering a CDI LabID Event for a resident in my facility, but when I try to select her resident care location, the drop-down box is blank.

What is wrong?

A. The resident doesn't really have CDI.

B. The resident is not really a resident in your facility.

C. The resident care locations have not been set-up (mapped) for your facility, and you must do this before submitting events to NHSN.



Knowledge Check 7:

Describe how MDRO LabID event surveillance is performed in a participating NHSN long-term care facility.

A. The facility uses the CDC's NHSN **laboratory-identified event (LabID Event) metrics** to identify and report residents with selected MDRO in **all resident care locations** in the facility.

B. The facility uses the CDC's NHSN **healthcare associated infection (HAI) methods** to identify and report residents with selected MDRO in **all resident care locations** in the facility.

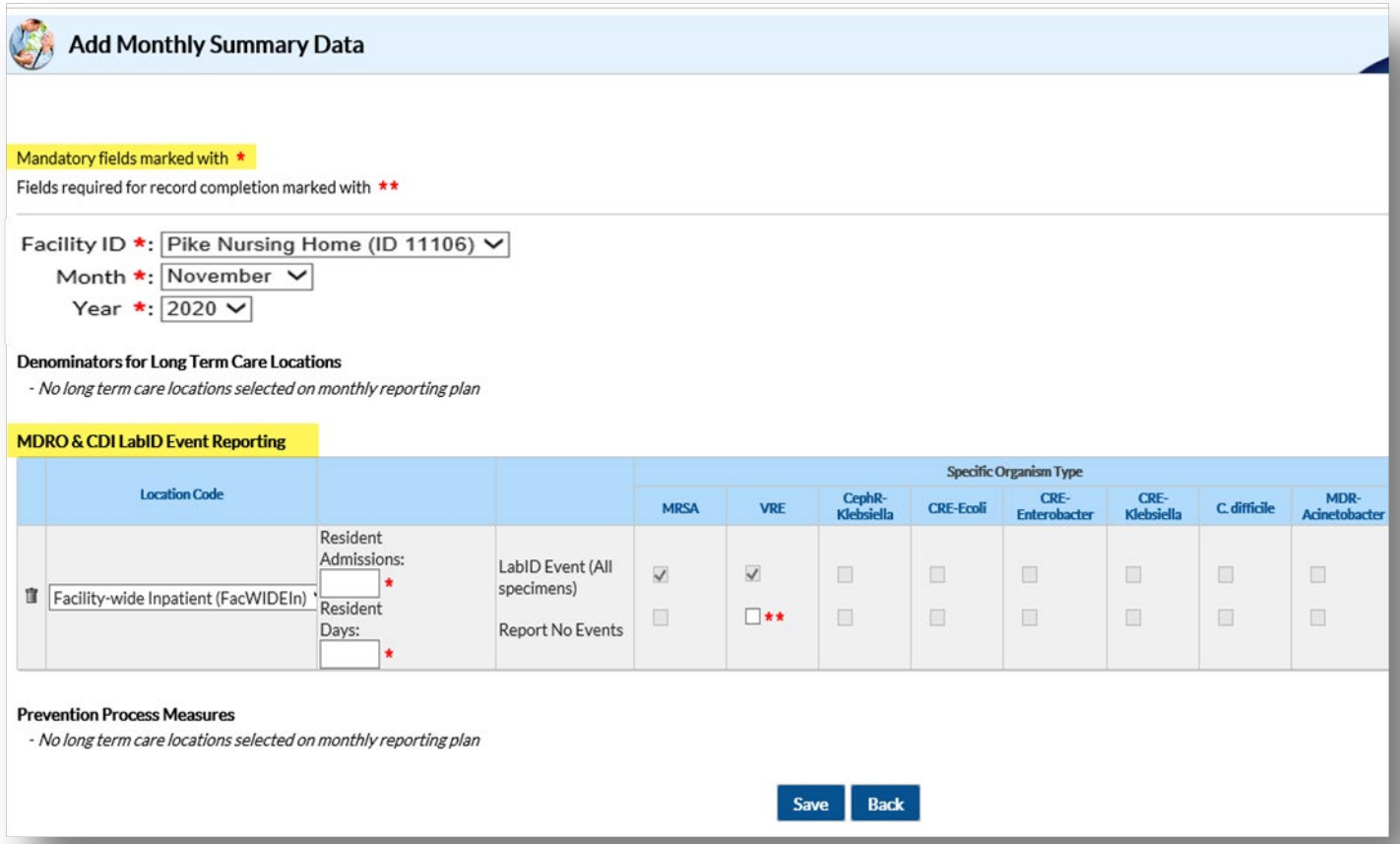
C. The facility uses the CDC's NHSN **laboratory-identified event (LabID Event) metrics** to identify and report residents with selected MDRO in the **skilled nursing locations** in the facility.

Correct Answer

A. The facility uses the CDC's NHSN **laboratory-identified event (LabID Event) metrics** to identify and report residents with selected MDRO in **all resident care locations** in the facility.

Knowledge Check 8:

Based on the *Monthly Summary Data* below, what modules and events did the facility select to participate in for November 2020?



A. All modules, all Events

B. MRSA LabID events only

C. All MDRO LabID Events

D. MRSA and VRE LabID events only

E. VRE LabID events only

Correct Answer

D. MRSA and VRE LabID events only

Review

Keep in mind the following…….

- Facility wide surveillance is required, which means surveillance must occur in **all** resident care locations (FacWideIN).
- Testing is performed on unformed/loose stool specimens (*conforms to the shape of the container*).
- Positive tests collected before a resident's admission to the LTCF or during an admission in another facility are **excluded**.
- **All** CDI LabID events must be submitted to NHSN. Exceptions are not made for duplicate specimens, collection date, admission, etc., since these submitted events are required for categorization and analyses.

NHSN Resources:
Long-term Care Facility Component

- NHSN LTCF website: Long-term Care Facilities (LTCF) Component | NHSN | CDC
- NHSN LTCF Surveillance for *C. difficile*, MRSA, and other Drug-resistant Infections website: MDRO & CDI | LTCF | NHSN | CDC
  - ✓ Training
  - ✓ Protocols
  - ✓ Data collection forms
  - ✓ Tables of instructions for completing all forms
  - ✓ Key terms
  - ✓ Frequently asked questions and answers

  Questions or Need Help? Contact User Support at nhsn@cdc.gov

Home-Page: LabID Event Surveillance for *C. difficile*, MRSA, and other Drug-resistant Infections

- Access to event resources
  - Training
  - Protocols
  - Forms and instructions
  - Support materials such as locations, key terms, and more
  - Analysis resources
  - Frequently Asked Questions

MDRO & CDI | LTCF | NHSN | CDC

Questions? We'd love to hear from you! E-mail us at nhsn@cdc.gov and include "LTCF" in subject line

THANK YOU

Questions?

nhsn@cdc.gov

Add "LabID Reporting" to the subject line in order to have your inquiry routed to the appropriate subject matter expert

For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333
Telephone: 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348
E-mail: NHSN@cdc.gov
Web: http://www.cdc.gov/nhsn