Objectives

Through live demonstration, as well as written and visual guidance, after this presentation you will understand how to:

- Access your facility’s NHSN account
- Check facility set up within NHSN
- Submit *C. difficile* LabID Events and Monthly Summary Data
Preparing for Data Submission

Before Submitting Data

• Enroll in NHSN
• Complete Facility Set-Up
  • Mapping locations
  • Additional new users
  • Monthly reporting plan
• Join required groups
• Begin C. difficile surveillance following NHSN Protocol
Key Points from the Protocol

• Non-duplicate *C. difficile* positive laboratory assays obtained from residents receiving care at the facility
• Must be entered into NHSN using the specific location the resident resided at time of collection
• Lab results collected prior to resident admission should not be reported
• Reporting is facility-wide (FacWIDEIn) meaning that all residents in all locations must be monitored

Definitions

• **CDI Positive Laboratory Assay**: Positive laboratory test result for *C. difficile* toxin A and/or B **OR** a toxin-producing *C. difficile* organism detected in the stool specimen by culture or other laboratory means.
• **CDI LabID Event**: Non-duplicate *C. difficile* positive laboratory assay tested on liquid or watery stool samples and obtained while resident is receiving care at the long-term care facility.
A Note about C. difficile Testing

- Per NHSN: “A documented formed stool does not meet NHSN criteria for a CDI LabID Event”
- Education opportunity for staff & providers – only submit samples for testing that conform to the shape of the container
- Check with your lab to confirm they have a rejection policy in place – if so, assume results came from appropriate specimens

Definitions Continued

- **Duplicate CDI Positive Laboratory Assay**: Any C. difficile positive laboratory test obtained from the same resident while receiving care in the LTCF following a previous positive within the past 14 days that was also collected at the facility. Day of specimen collection is considered as Day 1.
  
  **Note**: It may be helpful to keep a “log” of positive C. difficile lab results from residents to assist in keeping track of duplicate test results.
C. difficile Test Results
Algorithm for LabID Events

Positive C. difficile test result

Prior positive in ≤ 2 Weeks?

NO

Non-duplicate - Report as CDI LabID Event

YES

Duplicate – Not a CDI LabID Event

Classification of CDI LabID Events as Duplicate

<table>
<thead>
<tr>
<th>Date of Positive Lab Test</th>
<th>Duplicate?</th>
<th>Enter as CDI LabID Event?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3/2016</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>1/9/2016</td>
<td>Yes</td>
<td>No (within 2 weeks of 1/3/2016)</td>
</tr>
<tr>
<td>1/20/2016</td>
<td>Yes</td>
<td>No (within 2 weeks of 1/9/2016)</td>
</tr>
<tr>
<td>1/29/2016</td>
<td>Yes</td>
<td>No (within 2 weeks of 1/20/2016)</td>
</tr>
<tr>
<td>2/23/2016</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Additional Resources

C. difficile Initiative webpage –
https://www.lsquin.org/initiatives/nursing-home-quality/join-the-c-difficile-initiative/

NHSN LTCF C. difficile webpage –
http://www.cdc.gov/nhsn/ltc/cdiff-mrsa/index.html

NHSN Log in
sams.cdc.gov

Logging In &
Accessing Facility Home Page
Log In – sams.cdc.gov

Choose a login option

External Partners

SAMs Credentials

SAMs Username
SAMs Password

Login
Forgotten Password?

SAMs Grid Card

SAMs Username
SAMs Password

Login
Forgotten SAMs Password?

For External Partners who have been issued a SAMs Grid Card.

HHS Staff

AMS Login

Click the login button to sign on with an AMS Grid Card.

Login

AMS One Time Password

AMS QTP

For all HHS staff including Operating Divisions (CDC, NIH, FDA, etc.) with a One Time Password.

For all HHS staff including Operating Divisions (CDC, NIH, FDA, etc.) with an AMS Grid Card.

SAMS Username & Password

Choose a login option

External Partners

SAMs Grid Card

SAMs Username
SAMs Password

Login
Forgotten SAMs Password?

For External Partners who have been issued a SAMs Grid Card.

HHS Staff

PIV Login

Click the login button to sign on with a HHS PIV Card.

Login

AMS One Time Password

AMS QTP

For all HHS staff including Operating Divisions (CDC, NIH, FDA, etc.) with a One Time Password.
SAMS Grid Card

Choose a login option

External Partners

SAMS Grid Card

AMS has assigned you a CDC GRID card number 20123. Enter your number exactly as printed on the lower left of your card.

Grid Card: 04 05 11 12

For External Partners who have been issued a SAMS Grid Card

AMS Staff

PIV Login

Click the Login button to sign in with a HHS PIV Card.

AMS One Time Password

For all HHS staff including Operating Divisions (CDC, NIAID, etc.)

NHSN Reporting

Centers for Disease Control and Prevention

CDC 24/7: Saving Lives, Protecting People™

My Applications

National Healthcare Safety Network System

* NHSN Reporting *

* Strong credentials required
Landing Page

Welcome to the NHSN Landing Page
Select a facility and component, then click Submit to go to the Home Page.

User: NICOLA
Select facility/group from dropdown list: [Dropdown list with options]
Select facility within the above group: [Dropdown list with options]
Select component: [Dropdown list with options]
Submit

Checking Facility Set-Up
Verify Location Mapping

Instructions:
- To add a record, fill in the form with the required fields and any desired optional values. Then click on the Add button.
- To edit a record, perform a Find on the desired record. Click on the desired record to fill in its values into the form and edit the values.
- To delete one or more records, perform a Find on the desired record(s). Check the corresponding box(es), then click on the Delete button.
- Press the Clear button to start over with a new form.

Mandatory fields to "Add" or "Edit" a record marked with "*"

Location Table

Display All | Print Location List

<table>
<thead>
<tr>
<th>ID</th>
<th>Status</th>
<th>Code</th>
<th>Label</th>
<th>CDC Code</th>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Code</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Active</td>
<td>EAST</td>
<td>REHAB</td>
<td>LTF 1157-5</td>
<td>20</td>
<td>LTF Skilled Nursing/Short Term Rehabilitation Unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Active</td>
<td>WEST</td>
<td>GENERAL NURSING</td>
<td>LTF 1158-3</td>
<td>10</td>
<td>General Nursing</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Adding a Location

Instructions:
- To add a record, fill in the form with the required fields and any desired optional values. Then click on the Add button.
- To edit a record, perform a Find on the desired record. Click on the desired record to fill in its values into the form and edit the values.
- To delete one or more records, perform a Find on the desired record(s). Check the corresponding box(es), then click on the Delete button.
- Press the Clear button to start over with a new form.

Mandatory fields to "edit" or "add" a record marked with *

- Your Code:
- Year Label:
- CDC Location Description:
- Status: [ ] Active

Bed Size: A bed size greater than zero is required for most inpatient locations.

Find Monthly Reporting Plan

- Enter search criteria and click Find.
- Fewer criteria will return a broader result set.
- More criteria will return a narrower result set.

Facility ID: LTCFQIN-QIO Project (ID 45188)
### Reporting Data

### Tracking LabID Events

- **Laboratory-identified MRSA or CDI Event for LTCF**

<table>
<thead>
<tr>
<th>Event Type</th>
<th>Event Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>LMRD</td>
<td>VTE</td>
</tr>
</tbody>
</table>

- **Primary Resident Type**

  - Long-term general medical care
  - Long-term rehabilitation
  - Long-term psychiatric care

- **Resident Care Location**

  - Skilled Nursing/Short-term rehab (skilled)
  - Ventilator
  - Isolation (Hepatitis)

- **Was resident transferred from an acute care facility in the past 6 months?**

  - Yes
  - No

- **Was resident on antibiotic therapy for this specific organism type at the time of transfer to your facility?**

  - Yes
  - No

Reporting LabID Events

- LabID Events can be entered anytime during the month as long as the monthly reporting plan has been submitted.
- Two ways to enter events:
  - First time event reported for a resident – requires capturing all demographic information.
  - Event for resident that has had a reportable event in the past – some demographic information pulled forward.

LabID Event Demographic Information

- Resident ID – must be a unique number that will stay with resident such as Medical Record Number or Resident Number (do not use room # or Bed # as that may change over time).
- Social Security Number – NHSN is a secure database, but if you have concerns or do not have access to resident SSNs, 999-99-9999 can be used.
- Gender.
- Date of Birth.
- Ethnicity (optional).
LabID Event
Demographic Information Cont’d

- Resident type
  - Short Stay: 100 days or less since admission
  - Long Stay: more than 100 days since admission

- Date of first admission – Resident has stayed in the facility without 30 or more consecutive days away. If resident has left the facility for 30 days or more, enter date of return.

- Date of current admission – Most recent data of return if patient has left the facility for more than 2 consecutive days since admission. If the resident has not left the facility, use data of first admission.
Event Information

- Event type - LabID
- Date of specimen collection
- Specific organism type – CDIF
  - Specimen body type & Specimen source will auto populate
- Resident Care Location
  - Only those locations you mapped
- Primary Resident Service Type
  - Choose the primary service type

Event Information cont’d...

- Has resident been transferred from an acute care facility in the past 4 weeks?
  - If Yes, date?
  - If Yes, was the resident on antibiotic therapy for this organism?
- Previous Infection or Colonization (auto-populated by NHSN)
- Custom Fields and Comments (optional)
You will need to enter Monthly Summary Data each month including:

- Resident Admissions
- Resident Days
- Number of Admissions on C. difficile Treatment
- Check box for No Events under C. difficile column if you did not have any positive C difficile tests (events)
**Collect Monthly Summary Data**

Denominators for LTCF

<table>
<thead>
<tr>
<th>Facility ID:</th>
<th><em>Number of residents</em></th>
<th><em>Number of admissions</em></th>
<th><em>Number of admissions on C. diff treatment</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td><em>Number of residents</em></td>
<td><em>Number of admissions</em></td>
<td><em>Number of admissions on C. diff treatment</em></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Total</em></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Resident-days: Urinary catheter days

Total antibiotic days for UTI indication

Resident-admissions on C. diff treatment

**Submit Monthly Summary Data**

Add Monthly Summary Data

Mandatory fields marked with *
Fields required for record completion marked with **
Facilities must resolve alerts before data is considered complete. The most common reasons for alerts when reporting in the LabID Event Module are:

- Missing summary data for the month
- Not checking the box “Report No Events” under the C. difficile column when you did not have any events (positive lab results) that month
Congratulations!
You have completed your data entry for the month.
State Specific Contacts

Michigan
• Kathleen Lavich – klavich@mpro.org
• Annett Simon – asimon@mpro.org

Minnesota
• Sarah Brinkman – sbrinkman@stratishealth.org
• Janet Lilleberg – janet.lilleberg@state.mn.us

Wisconsin
• Diane Dohm – ddohm@metastar.com
• Emily Nelson – enelson@metastar.com