



Tracking Infections in Long-term Care Facilities (LTCFs) Using the National Healthcare Safety Network (NHSN) Overview

Angela Anttila, PhD, MSN, NP-C, CIC

Nurse Epidemiologist

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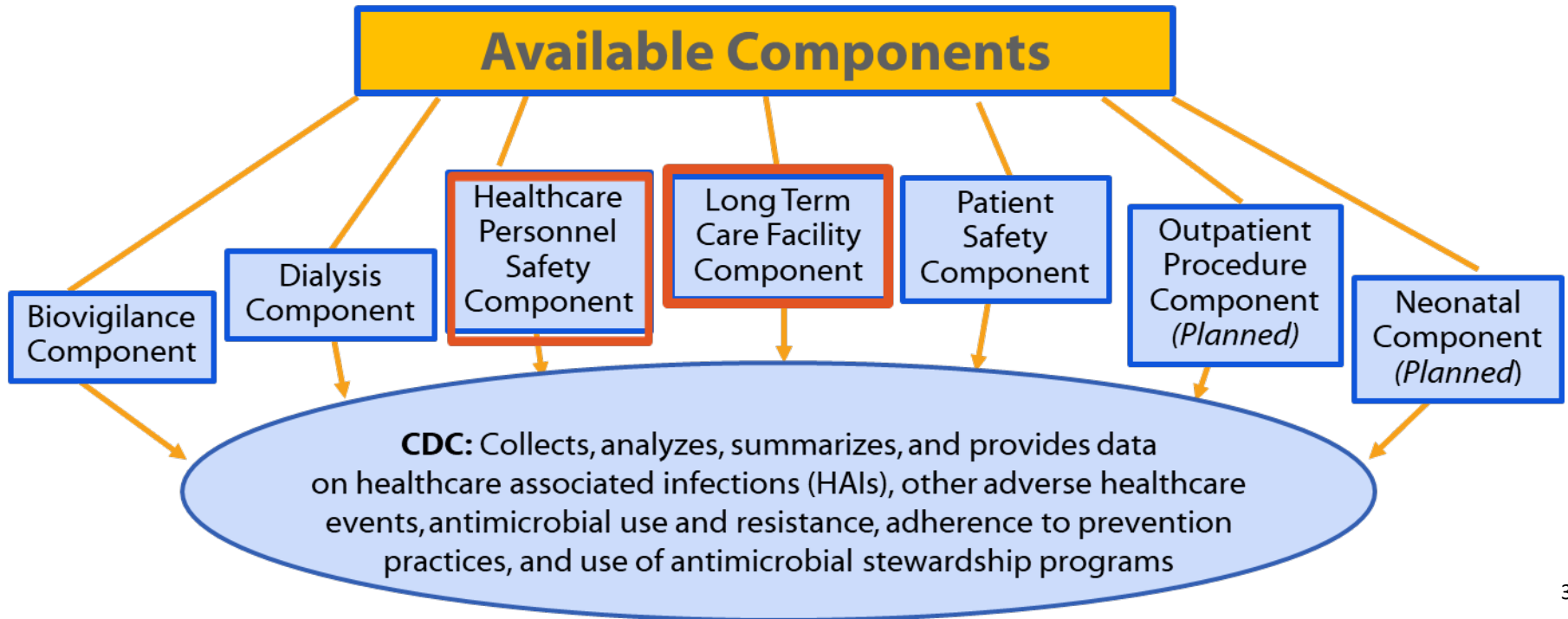
In this session, we will..



- Define the National Healthcare Safety Network (NHSN) and the different Components and Modules available for Long-term Care Facilities (LTCFs).
- Describe how NHSN supports LTCFs and infection surveillance activities.
- Discuss steps in the “CHECKLIST” for participating in the NHSN.

CDC's National Healthcare Safety Network (NHSN)

Healthcare facilities : (1) Enroll in the NHSN, (2) complete an annual survey describing facility characteristics and practices; (3) submit process and outcome data manually or electronically to one or more NHSN Components; and (4) use facility level data and NHSN benchmarks for analysis and action



NHSN Components Available for LTCFs

- LTCFs can enroll and report in the following:

1. Long-term Care Facility Component

- To track resident infections
- To track staff adherence with hand hygiene and gown/glove use

2. Healthcare Personnel Safety Component

- Healthcare Personnel Vaccination Module

- To track staff influenza vaccination

- For more information about Healthcare Personnel Safety:

- » <https://www.cdc.gov/nhsn/ltc/vaccination/index.html>

NHSN Long-term Care Facility Component

- NHSN reporting option specifically for LTCFs
- Standardizes surveillance definitions
- >3,200 facilities have enrolled since its launch in Sept 2012

National Healthcare Safety Network (NHSN)

CDC > NHSN > Materials for Enrolled Facilities

NHSN

- NHSN Login
- About NHSN +
- Enroll Here +
- Materials for Enrolled Facilities -
- Ambulatory Surgery Centers +
- Acute Care Hospitals/Facilities +
- Long-term Acute Care Hospitals/Facilities +
- Long-term Care Facilities -**
- Surveillance for C. difficile and MRSA Infections
- Surveillance for Urinary Tract Infections
- Surveillance for Healthcare Personnel Exposure
- Surveillance for Healthcare Personnel Vaccination
- Surveillance for Process Measures - Hand Hygiene, Gloves and Gown Adherence

Tracking Infections in Long-term Care Facilities

[f](#) [t](#) [+](#)

Eliminating infections, many of which are preventable, is a significant way to improve care and decrease costs. CDC's National Healthcare Safety Network provides long-term care facilities with a customized system to track infections in a streamlined and systematic way. When facilities track infections, they can identify problems and track progress toward stopping infections. On the national level, data entered into NHSN will gauge progress toward national healthcare-associated infection goals.

NHSN's long-term care component is ideal for use by: nursing homes, skilled nursing facilities, chronic care facilities, and assisted living and residential care facilities



MDRO/C.Diff - Surveillance for C. difficile, MRSA, and other Drug-resistant Infections

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs



Report Prevention Process Measures - Hand Hygiene, Gloves and Gown Adherence

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs





NHSN Long-term Care Facility Component Manual New in 2018!

<https://www.cdc.gov/nhsn/pdfs/ltc/ltcf-manual-508.pdf>

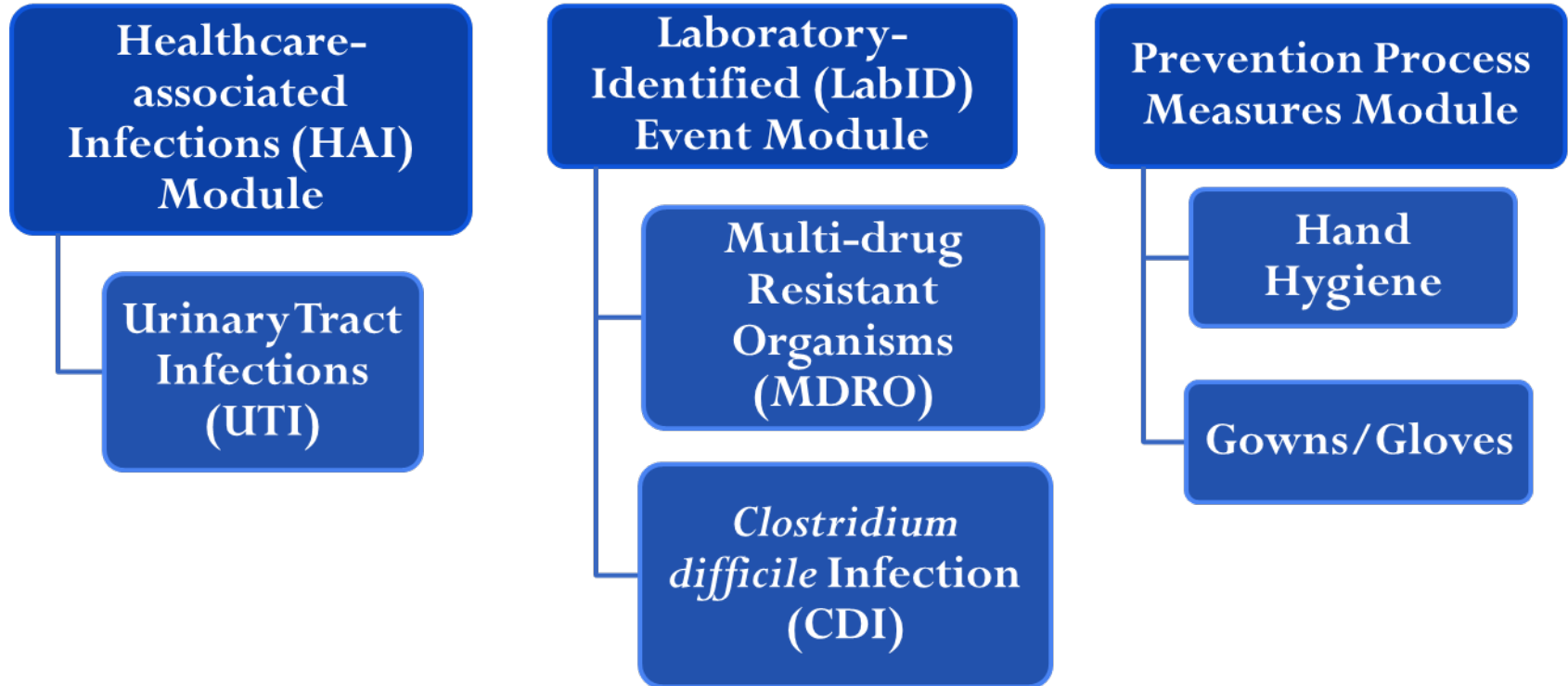


The National Healthcare Safety Network (NHSN)

Long Term Care Facility Component Tracking Infections in Long-term Care Facilities

Division of Healthcare Quality Promotion
National Center for Emerging and Zoonotic Infectious Diseases
Atlanta, GA, USA

Long-term Care Facility Component



Facilities Eligible for Enrolling in NHSN LTCF Component

- Certified skilled nursing facilities (SNF) and nursing homes (NH)
- Intermediate/chronic care facilities for the developmentally disabled
- Assisted living facilities and residential care facilities

Note: *Currently limited to Prevention Process Measures Module*

LTCF CHECKLIST for NHSN Participation

- ❑ Complete the *NHSN Annual Facility Survey* between January 1 and March 1 each year.
- ❑ Add/verify that LTCF resident care locations are mapped in NHSN (*performed during initial set-up and if change in location*).
- ❑ Complete the *NHSN Monthly Reporting Plan (MRP)* for each month facility will submit data to the NHSN.
- ❑ Identify and submit resident level HAI UTI and/or LabID event data to the NHSN. *This step is dependent on which modules a facility is participating during the month.*
- ❑ Enter monthly summary data for each month under surveillance.
- ❑ Data quality checks-resolve “Alerts”, *if applicable*.
- ❑ Add additional users to the NHSN application, *if applicable*.

NHSN Forms and Instructions for Completion

- Include required data collection elements
- Customizable
- Available on NHSN website:

<https://www.cdc.gov/nhsn/ltc/index.html>

The screenshot displays the NHSN website interface. On the left is a navigation menu with categories like 'NHSN Login', 'About NHSN', 'Enroll Here', and 'Materials for Enrolled Facilities'. The 'Long-term Care Facilities' section is expanded, showing options for surveillance of C. difficile and MRSA, urinary tract infections, healthcare personnel exposure, and hand hygiene. The main content area features a header 'Tracking Infections in Long-term Care Facilities' with a description of the system and social media icons. Below this are three featured modules: 'MDRO/C.Diff - Surveillance for C. difficile, MRSA, and other Drug-resistant Infections', 'Report Prevention Process Measures - Hand Hygiene, Gloves and Gown Adherence', and 'Surveillance for C. difficile, MRSA, and other Drug-resistant Infections'. A 'Resources for NHSN Users Already Enrolled' section lists 'Training', 'Protocol', and 'Data Collection Forms'. The 'Data Collection Forms' section contains links to various forms, including '57,138 LabID Event Form for LTCF January 2017' and '57,139 MDRO and CDI Monthly Monitoring for LTCF January 2017'. A 'New Users - Start Here' sidebar on the right provides a three-step enrollment process and a 'Click here to enroll' link. Two green callout boxes with arrows point to the 'Tracking Infections...' title and the 'Data Collection Forms' section, with text 'click title to open Module options' and 'click to open list of forms' respectively.

NHSN Login

About NHSN +

Enroll Here +

Materials for Enrolled Facilities -

Ambulatory Surgery Centers +

Acute Care Hospitals/Facilities +

Long-term Acute Care Hospitals/Facilities +

Long-term Care Facilities -

Surveillance for C. difficile and MRSA Infections

Surveillance for Urinary Tract Infections

Surveillance for Healthcare Personnel Exposure

Surveillance for Healthcare Personnel Vaccination

Surveillance for Process Measures - Hand Hygiene, Gloves and Gown Adherence

Tracking Infections in Long-term Care Facilities

Eliminating infections, many of which are preventable, is a significant way to improve care and decrease costs. CDC's National Healthcare Safety Network provides long-term care facilities with a customized system to track infections in a standardized and systematic way. When facilities track infections, they can identify areas for improvement and progress toward stopping infections. On the national level, the data collected will gauge progress toward national healthcare-associated infection (HAI) goals. NHSN's long-term care component is ideal for use by long-term care facilities, chronic care facilities, and hospice, nursing and residential care facilities.

click title to open Module options

MDRO/C.Diff - Surveillance for C. difficile, MRSA, and other Drug-resistant Infections

- Training
- Protocols
- Forms
- Support
- Analysis

Report Prevention Process Measures - Hand Hygiene, Gloves and Gown Adherence

- Training
- Protocols
- Forms

Surveillance for C. difficile, MRSA, and other Drug-resistant Infections

Resources for NHSN Users Already Enrolled

- > Training
- > Protocol
- > **Data Collection Forms**

- [57,138 LabID Event Form for LTCF January 2017](#) [PDF - 50 KB]
 - [Customizable form](#) [DOCX - 29 KB]
 - [Table of Instructions - LabID Event Form for LTCF](#) [PDF - 287 KB]
- [57,139 MDRO and CDI Monthly Monitoring for LTCF January 2017](#) [PDF - 45 KB]

New Users - Start Here

- Step 1: Enroll into NHSN
- Step 2: Set up NHSN
- Step 3: Report

[Click here to enroll](#)

click to open list of forms


ANNUAL FACILITY SURVEY

Annual Facility Survey

- Complete between January 1 and March 1 every year.
- Most survey questions are based on facility characteristics and practices during the *previous* calendar year.
- Recommend collecting all required information using NHSN paper form.

! **Accuracy is important**-responses in the annual survey may be used for risk adjustment of data.

NHSN Home


NHSN Long Term Care Facility Component Home Page

Alerts

Reporting Plan ▶

Resident ▶

Event ▶

Summary Data ▶

Surveys ▶

Analysis ▶

Users ▶

Facility ▶

Group ▶


Logout

COMPLETE THESE ITEMS

Survey Required

2016

Form Approved
OMB No. 0920-0666
Exp. Date: 11/30/2019
www.cdc.gov/nhsn



Long Term Care Facility Component—Annual Facility Survey

Page 1 of 5

*required for saving	Tracking #:
Facility ID:	*Survey Year:
*National Provider ID:	State Provider #:

Facility Characteristics

*Ownership (check one):

For profit Not for profit, including church Government (not VA) Veterans Affairs

*Certification (check one):

Dual Medicare/Medicaid Medicare only Medicaid only State only

*Affiliation (check one): Independent, free-standing Independent, continuing care retirement community

Multi-facility organization (chain) Hospital system, attached Hospital system, free-standing

In the previous calendar year:

*Average daily census: _____

*Total number of short-stay residents: _____ Average length of stay for short-stay residents: _____

*Total number of long-stay residents: _____ Average length of stay for long-stay residents: _____

*Total number of new admissions: _____

*Number of Beds: _____ *Number of Pediatric Beds: _____

_____ of the following primary services:

ADD Annual Facility Survey

The image shows two screenshots of the NHSN Long Term Care Facility Component Home Page. The top screenshot shows the 'Add' button in the 'Surveys' menu, highlighted with a blue arrow. The bottom screenshot shows the 'Action Items' section with a 'Survey Required' alert for the year 2018, and a purple callout bubble pointing to the year with the text 'CLICK HERE TO OPEN SURVEY'.

NHSN - National Healthcare Safety Network

MAYDE
Integris Bass Skilled Nursing Fa...

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶ Add**
- Analysis ▶ Find
- Users ▶
- Facility ▶
- Group ▶
- Logout

NHSN Long Term Care Facility Component Home Page

NHSN - National Healthcare Safety Network

AANTILA
Angela LTCF Test Facility

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶
- Logout

Action Items

COMPLETE THESE ITEMS

Survey Required

2018

CLICK HERE TO OPEN SURVEY

ALERTS

Annual Survey: Primary Testing Method for *C. difficile*

Facility Microbiology Laboratory Practices

3. What is the primary testing method for *C. difficile* used most often by your facility's laboratory or the outside laboratory where your facility's testing is performed? *

- Enzyme immunoassay (EIA) for toxin
- Cell cytotoxicity neutralization assay
- Nucleic acid amplification test (NAAT) (e.g., PCR, LAMP)
- NAAT plus EIA, if NAAT positive (2-step algorithm)
- Glutamate dehydrogenase (GDH) antigen plus EIA for toxin (2-step algorithm)
- GDH plus NAAT (2-step algorithm)
- GDH plus EIA for toxin, followed by NAAT for discrepant results
- Toxigenic culture (*C. difficile* culture followed by detection of toxins)
- Other (specify)

- Based on practices of diagnostic laboratory in which **most** resident specimens are sent
- Contact diagnostic laboratory to identify the primary diagnostic testing method used to identify *C. difficile*

Uncommon Testing Methods for *C. difficile*

3. What is the primary testing method for *C. difficile* used most often by your facility's laboratory or the outside laboratory where your facility's testing is performed? *

- Enzyme immunoassay (EIA) for toxin
- Cell cytotoxicity neutralization assay
- Nucleic acid amplification test (NAAT) (e.g., PCR, LAMP)
- NAAT plus EIA, if NAAT positive (2-step algorithm)
- Glutamate dehydrogenase (GDH) antigen plus EIA for toxin (2-step algorithm)
- GDH plus NAAT (2-step algorithm)
- GDH plus EIA for toxin, followed by NAAT for discrepant results
- Toxigenic culture (*C. difficile* culture followed by detection of toxins)
- Other (specify)

- Verify with diagnostic lab before selecting *cell cytotoxicity neutralization assay* or *toxigenic culture*
- Send questions to nhsn@cdc.gov

Uncommon Testing Methods for *C. difficile*

3. What is the primary testing method for *C. difficile* used most often by your facility's laboratory or the outside laboratory where your facility's testing is performed? *

- Enzyme immunoassay (EIA) for toxin
- Cell cytotoxicity neutralization assay
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- Glutamate dehydrogenase (GDH) antigen plus EIA for toxin (2-step algorithm)
- GDH plus NAAT (2-step algorithm)
- GDH plus EIA for toxin, followed by NAAT for discrepant results
- Toxigenic culture (*C. difficile* culture followed by detection of toxins)
- Other (specify)

- Most testing methods can be categorized accurately by selecting from the options provided
- 'Other' should **not** be used to name specific laboratories, reference laboratories, or the brand names of *C. difficile* tests

EDIT Annual Facility Survey

NHSN - National Healthcare Safety Network

AANTTILA
Angela LTCF Test Facility

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶**
 - Add
 - Find**
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶

Find Annual Survey

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

Facility ID: Angela LTCF Test Facility (ID 39455) ▼

Survey Year: ▼

- 2017
- 2016
- 2015
- 2014
- 2013

Find Clear Back

Remember to **SAVE** your edits

Edit Back

LTCF CHECKLIST for NHSN Participation

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- ❑ Enter denominator data for each month under surveillance.
- ❑ Data quality checks-resolve “Alerts”, *if applicable*.
- ❑ Add additional users to the NHSN application, *if applicable*.

LOCATIONS

Locations

- ❑ **Most LTCFs have different physical locations where residents reside and receive care within the building**
 - These locations might be known as units, wards, floors, neighborhoods, pod, etc.
- ❑ **Each resident care location in your facility should be mapped to a CDC location code/description**
 - This provides information about the type of residents or care services in that place.
- ❑ **Nursing homes/skilled nursing facility units located within a hospital that have a CCN that is different from the hospital must be enrolled as a separate NHSN Facility within the LTCF Component**

Location Mapping: CDC Location Codes and Descriptions

CDC Location Label	NHSN Healthcare Service Location Code	CDC Location Code	Location Description
Inpatient Hospice Unit	1254-2	IN:NONACUTE:LTCF:HSP	A unit or designed area which provides palliative and supportive care services to individuals diagnosed with life limiting (terminal) conditions.
Dementia Unit	1255-9	IN:NONACUTE:LTCF:DEM	A unit or designed area which provides specialized care for individuals diagnosed with dementia or related conditions, including Alzheimer's disease.
Psychiatric Unit	1256-7	IN:NONACUTE:LTCF: REHAB	A unit or designated area which provides specialized care for individuals diagnosed with psychiatric or behavioral disorders.

Location Mapping:

CDC Location Codes and Descriptions, (cont.)

CDC Location Label	NHSN Healthcare Service Location Code	CDC Location Code	Location Description
Skilled Nursing/ Short Term Rehabilitation	1257-5	IN:NONACUTE:LTCF: REHAB	A unit or designated area which primarily provides short term (<90 days), medical, skilled nursing or rehabilitation services to individuals requiring restorative care following recent hospitalization.
General Nursing Unit	1258-3	IN:NONACUTE:LTCF:GEN	A unit or designated area which primarily provides nursing, rehabilitative or custodial services to individuals with varying levels of chronic conditions or disability requiring long term (>90 days) support
Ventilator Dependent Unit	1259-1	IN:NONACUTE:LTCF:VEN	A unit or designated area which provides nursing and respiratory care to individuals who require mechanical ventilation.
Bariatric Unit	1260-9	IN:NONACUTE:LTCF:BAR	A unit or designated area which provides specializing care for individuals who are preparing for or have undergone bariatric surgery.

Locations

NHSN Home

- Alerts
- Reporting Plan
- Resident
- Event
- Summary Data
- Surveys
- Analysis
- Users
- Facility
- Group
- Logout

Locations

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 **Find** a record, click on the **Find** button. One or more fields can be filled in to restrict the search to those values.
- 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 save the changes, click on the **Save** button.
- 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 *

Your Code * :

Your Label * :

CDC Location Description * :

Status * : Active

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

Find Add Export Location List Clear

Option to Find or Add Locations

Locations: ADD

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 **Find** a record, click on the *Find* button. One or more fields can be filled in to restrict the search to those values.
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Mandatory fields to "Add" or "Edit" a record marked with *

Your Code *:

Your Label *:

CDC Location Description *:

Status *:

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

Selections are facility specific.
"Your Code" & "Your Label" best describe how units are identified in your facility

Locations: ADD

NHSN - National Healthcare Safety Network

NHSN Home

- Alerts
- Reporting Plan
- Resident
- Event
- Summary Data
- Surveys
- Analysis
- Users
- Facility
- Group
- Logout

Locations

Instructions

- To **Add** a record, fill in the form with the required fields and any desired options.
- To **Find** a record, click on the *Find* button. One or more fields can be filled in to find a record.
- To **Edit** a record, perform a *Find* on the desired record. Click on the desired record.
- To **Delete** one or more records, perform a *Find* on the desired record(s). Check the *Delete* checkbox.
- Press the **Clear** button to start over with a new form.

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

Your Code *: 1 SOUTH

Your Label *: GENERAL

CDC Location Description *:

- LTCF Bariatric Unit
- LTCF Dementia Unit
- LTCF General Nursing Unit
- LTCF Inpatient Hospice Unit
- LTCF Psychiatric Unit
- LTCF Skilled Nursing/Short Term Rehabilitation Unit
- LTCF Ventilator Dependent Unit

most inpatient locations.

Clear

Select **CDC Location Description** that best describes the resident population in the unit.

For a description of CDC locations for LTCFs, visit the CDC Locations document under Supporting Materials:

https://www.cdc.gov/nhsn/pdfs/pscmanual/15locationsdescriptions_current.pdf (beginning on page 28)

Locations: ADD

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 **Find** a record, click on the *Find* button. One or more fields can be filled in to restrict the search to those values.
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- Press the **Clear** button to start over with a new form.

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

Your Code *:

Your Label *:

CDC Location Description *:

Status *:

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



[Display All](#) [Print Location List](#)

Page 1 of 1 10								View 1 - 1 of 1
Delete	Status	Your Code	Your Label	CDC Description	CDC Code	NHSN HL7 Code	Bed Size	
<input type="checkbox"/>	Active	1SOUTH	GENERAL	LTCF General Nursing Unit	IN:NONACUTE:LTCF:GEN	1258-3	29	
Page 1 of 1 10								View 1 - 1 of 1

Locations: FIND/DEACTIVATE

NHSN - National Healthcare Safety Network

AAANTILA
Anglia LTCF Test Facility

NHSN Home

- Alerts
- Reporting Plan
- Resident
- Event
- Summary Data
- Surveys
- Analysis
- Users
- Facility
- Group
- Logout

Locations

Instructions

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- 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 *

Your Code * :

Your Label * :

CDC Location Description * :

Status * : Active

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

Click "find" to view all locations that have been set-up

Find Add Export Location List Clear

Deactivate

Display All Print Location List

	Status	Your Code	Your Label	CDC Description	CDC Code	NHSN HL7 Code	Bed Size
<input type="checkbox"/>	Active	1D	DEMENTIA UNIT	LTCF Dementia Unit	IN:NONACUTE:LTCF:DEM	1255-9	25
<input type="checkbox"/>	Active	2PSY	PSYCHIATRIC	LTCF Psychiatric Unit	IN:NONACUTE:LTCF:PSY	1256-7	30
<input type="checkbox"/>	Active	2WV	2 WEST DEMENTIA	LTCF Dementia Unit	IN:NONACUTE:LTCF:DEM	1255-9	25
<input type="checkbox"/>	Active	3REHAB	SHORT TERM REHAB	LTCF Skilled Nursing/Short Term Rehabilitation Unit	IN:NONACUTE:LTCF:REHAB	1257-5	35
<input type="checkbox"/>	Active	4GEN	GENERAL UNIT	LTCF General Nursing Unit	IN:NONACUTE:LTCF:GEN	1258-3	50
<input type="checkbox"/>	Active	5HOS	HOSPICE UNIT	LTCF Inpatient Hospice Unit	IN:NONACUTE:LTCF:HSP	1254-2	10
<input type="checkbox"/>	Active	DEMENTIA	LOCKED UNIT	LTCF Dementia Unit	IN:NONACUTE:LTCF:DEM	1255-9	25

Page 1 of 1

View 1 - 7 of 7

LTCF CHECKLIST for NHSN Participation

- ✓ Complete the *NHSN Annual Facility Survey* between January 1 and March 1 each year.
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- ❑ Enter denominator data for each month under surveillance.
- ❑ Data quality checks-resolve “Alerts”, *if applicable*.
- ❑ Add additional users to the NHSN application, *if applicable*.

NHSN MONTHLY REPORTING PLAN

Monthly Reporting Plan

- Informs CDC-NHSN which module(s) and events a facility is following during a given month.
- The Plan also informs CDC which data can be used for aggregate data analyses.
- A facility must enter a Plan for every month in which surveillance and data submissions will occur.
 - ! A plan must be in place before events can be entered into NHSN.



Monthly Reporting Plan, *continued*

- A facility may complete plans for up to one calendar year in advance.
- A plan may be edited at any time to add or remove surveillance options, including retrospectively.
- ! Surveillance options can only be deleted if **no** event or summary data has been entered for that event type and month.



ADD Monthly Reporting Plan for LTCF

The screenshot displays the NHSN Long Term Care Facility Component Home Page. At the top left is the CDC logo with the text "Centers for Disease Control and Prevention" and "CDC 24/7: Saving Lives, Protecting People™". At the top right is the NHSN logo with the text "National Healthcare Safety Network" and a small image of a person. Below the logos is a dark blue header with "NHSN - National Healthcare Safety Network" on the left and a user profile "AANTTILA" for "Angela LTCF Test Facility" on the right. The main content area has a light blue header with "NHSN Home" and "NHSN Long Term Care Facility Component Home Page". A left-hand navigation menu lists: Alerts, Reporting Plan, Resident, Event, Summary Data, Surveys, Analysis, Users, Facility, Group, and Logout. The "Reporting Plan" item is highlighted, and a dropdown menu is open showing "Add" and "Find" options. Two blue arrows point to the "Add" option: one from the left and one from the right.

Monthly Reporting Plan for LTCF

➤ Three Surveillance Modules:

1. HAI for urinary tract infection (UTI) events
2. LabID Event for *C. difficile*; multi-drug resistant organisms
3. Prevention Process Measures for hand hygiene; gown and glove use adherence

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶
- Logout

Add Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *

Month *

Year *

No Long Term Care Facility Component Modules Followed this Month

[Print Form](#)

HAI Module


Locations	UTI
<input type="text" value="Facility-wide Inpatient (FacWIDEIn)"/>	<input type="checkbox"/>

LabID Event Module

Locations	Specific Organism Type	Lab ID Event All Specimens
<input type="text" value="Facility-wide Inpatient (FacWIDEIn)"/>	<input type="text"/>	<input type="checkbox"/>

Prevention Process Measure Module

Locations	Hand Hygiene	Gown and Gloves Use
<input type="text" value="Facility-wide Inpatient (FacWIDEIn)"/>	<input type="checkbox"/>	<input type="checkbox"/>



EDIT Monthly Reporting Plan



Plans may be edited to add or remove surveillance selections.

If event or summary data has already been entered for a selected month, associated module/event selections may not be deleted from the plan.

View Monthly Reporting Plan

Print Form

Facility ID *: Angela LTCF Test Facility (39455)
Month *: January
Year *: 2017

No Long Term Care Facility Component Modules Followed this Month

HAI Module

Locations	UTI
Facility-wide Inpatient (FacWIDEIn)	<input type="checkbox"/>

LabID Event Module

Locations	Specific Organism Type	Lab ID Event All Specimens
Facility-wide Inpatient (FacWIDEIn)	CDIF - C. difficile	<input checked="" type="checkbox"/>

Prevention Process Measure Module

Locations	Hand Hygiene	Gown and Gloves Use
Facility-wide Inpatient (FacWIDEIn)	<input type="checkbox"/>	<input type="checkbox"/>

Edit Previous Next Back

Option to Edit plan

EDIT Monthly Reporting Plan, *continued*

- ✓ There is not an option to delete a previously saved Monthly Reporting Plan.
- ✓ Instead, edit the applicable plan and put a checkmark in the box-
“No Long Term Care Facility Component Modules Followed this Month”

View Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *: Angela LTCF Test Facility (39455)
Month *: June
Year *: 2018

No Long Term Care Facility Component Modules Followed this Month

HAI Module

Locations	UTI
Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>

LabID Event Module

Locations	Specific Organism Type	Lab
Facility-wide Inpatient (FacWIDEIn)	CDIF - C. difficile	

Prevention Process Measure Module

Locations	Hand Hygiene	Gown and Gloves Use
Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Edit Previous Next Back

Edit Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *: Angela LTCF Test Facility (39455)
Month *: June
Year *: 2018

No Long Term Care Facility Component Modules Followed this Month

Save Back

Option to Edit plan

Remember to **SAVE**
your edits

Knowledge Check 1: Based on this reporting plan, what modules and events will this facility report for April, 2018?

Facility ID *: Angela LTCF Test Facility (ID 39455) ▼
Month *: April ▼
Year *: 2018 ▼
 No Long Term Care Facility Component Modules Followed this Month

HAI Module

	Locations	UTI
🗑	Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>


LabID Event Module

	Locations	Specific Organism Type	Lab ID Event All Specimens
🗑	Facility-wide Inpatient (FacWIDEIn)	CDIF - C. difficile ▼	<input checked="" type="checkbox"/>
🗑	Facility-wide Inpatient (FacWIDEIn)	MRSA - MRSA ▼	<input checked="" type="checkbox"/>

Add Row Clear All Rows Copy from Previous Month

Prevention Process Measure Module

	Locations	Hand Hygiene	Gown and Gloves Use
🗑	Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- A. UTI only
-  B. UTI, LabID (CDI and MRSA), and Prevention Process Measures (hand hygiene and gown/glove use)
- C. All Modules, all events

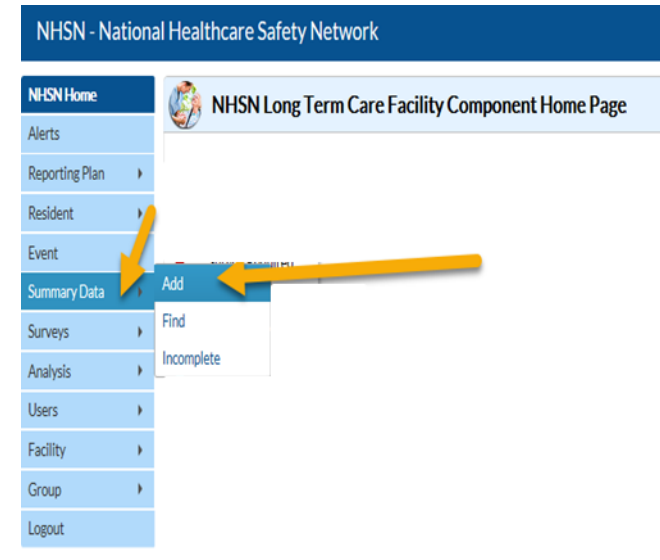
LTCF CHECKLIST for NHSN Participation

- ✓ Complete the *NHSN Annual Facility Survey* between January 1 and March 1 each year.
- ✓ Add/verify that LTCF resident care locations are mapped in NHSN (*performed during initial set-up and if change in location*).
- ✓ Complete the *NHSN Monthly Reporting Plan (MRP)* for each month facility will submit data to the NHSN.
- ✓ Identify and submit resident level HAI UTI and/or LabID event data to the NHSN. *This step is dependent on which modules a facility is participating during the month.*
- ❑ Enter denominator data for each month under surveillance.
- ❑ Data quality checks-resolve “Alerts”, *if applicable*.
- ❑ Add additional users to the NHSN application, *if applicable*.

MONTHLY SUMMARY-DENOMINATOR DATA

Submitting Monthly Summary Data to NHSN

- Referred to as denominator data
- At the end of the month, enter monthly total denominator data into the NHSN application
- ! Unless otherwise stated, best practice is to have monthly events and summary data complete by the end of the following month
 - *Example: have June data submitted by the end of July*
- Locate 'Summary Data' on left-hand navigation Bar, and then 'ADD'



Submitting Monthly Summary Data in NHSN

- NHSN Home
- Alerts
- Reporting Plan >
- Resident >
- Event >
- Summary Data >
- Surveys >
- Analysis >
- Users >
- Facility >
- Group >
- Logout

Add Monthly Summary Data

Mandatory fields marked with *
Fields required for record completion marked with **


Facility ID *:
 Month *:
 Year *:

Denominators for Long Term Care Locations

Location Code	Total Resident Days	Urinary Catheter Days	Report No UTI	New Antibiotic Starts for UTI Indication	Number of Urine Cultures Ordered	
Facility-wide Inpatient (FacWIDEIn)	300 *	200 *	<input checked="" type="checkbox"/> **	10 *	50 *	Custom Fields

MDRO & CDI LabID Event Reporting

Location Code	Resident Admissions:	Resident Days:	Number of Admissions on C. diff Treatment:	LabID Event (All specimens)	MIRSA	VRE	CapSR-Klebsiella	CRE-Ecoli	CRE-Enterobacter	CRE-Klebsiella	C. difficile	MDR-Acinetobacter	
Facility-wide Inpatient (FacWIDEIn)	10 *	300 *	2 *	Report No Events	<input checked="" type="checkbox"/> **	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Custom Fields

 [View Monthly Reporting Plan](#)

Prevention Process Measures

Location Code	Hand Hygiene		Gown and Gloves	
	Performed	Indicated	Used	Indicated
Facility-wide Inpatient (FacWIDEIn)	100 *	122 *	230 *	300 *

Monthly Summary Page Pre-populates based on facility selections in the Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *: Angela LTCF Test Facility (39455)
 Month *: January
 Year *: 2017

No Long Term Care Facility Component Modules Followed this Month

HAI Module

Locations	UTI
Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>

LabID Event Module

Locations	Specific Organism Type	Lab ID Event All Specimens
Facility-wide Inpatient (FacWIDEIn)	CDIF - C. difficile	<input checked="" type="checkbox"/>
Facility-wide Inpatient (FacWIDEIn)	MRSA - MRSA	<input checked="" type="checkbox"/>

Prevention Process Measure Module

Locations	Hand Hygiene	Gown and Gloves Use
Facility-wide Inpatient (FacWIDEIn)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Knowledge Check 2: Based on the below Monthly Summary Data, what modules and events did the facility commit to participate on the Monthly Reporting Plan for March, 2018?

Add Monthly Summary Data

Mandatory fields marked with *

Fields required for record completion marked with **

Facility ID *:

Month *:

Year *:

Denominators for Long Term Care Locations

- No long term care locations selected on monthly reporting plan

MDRO & CDI LabID Event Reporting

Location Code			Specific Organism Type							
			MRSA	VRE	CepHR-Klebsiella	CRE-Ecoli	CRE-Enterobacter	CRE-Klebsiella	C. difficile	MDR-Acinetobacter
	Resident Admissions:									
	<input type="text" value=""/>									
	Resident Days:	LabID Event (All specimens)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="text" value=""/>	Report No Events	<input type="checkbox"/> **	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> **	<input type="checkbox"/>
	Facility-wide Inpatient (FacWIDEIn)									
	<input type="text" value=""/>									
	Number of Admissions on C. diff Treatment:									
	<input type="text" value=""/>									

Prevention Process Measures

- No long term care locations selected on monthly reporting plan

- A. All modules, all events
- B. MRSA and CDI LabID Events
- C. CDI and all MDRO LabID events

Collecting Monthly Summary Data

- CDC 57.139: MDRO and CDI LabID Event Reporting Monthly summary Data for LTCF**
 - Resembles Summary Data page in the NHSN application
 - Specific to LabID Event reporting (CDI and/or MDRO)
 - Total counts only
- CDC 57.142: Denominators for LTCF**
 - Optional worksheet for the month to collect MDRO, CDI, and/or UTI denominator data
 - Daily counts that must be summed at the end of the month

Forms and Table of Instructions (TOIs) available under *Data Collection Forms* at: <https://www.cdc.gov/nhsn/ltc/cdiff-mrsa/index.html>

**MDRO and CDI LabID Event Reporting
Monthly Summary Data for LTCF**

Page 1 of 1

*required for saving **conditionally required based upon monitoring selection in Monthly Reporting Plan

Facility ID #: _____ *Month: _____ *Year: _____ *Location Code: _____

*Resident Days: _____ *Resident Admissions: _____ **Number of Admissions on C. diff Treatment: _____

LabID Event Reporting								
Specific Organism Type	MRSA	VRE	CephR-Klebsiella	CRE-E. coli	CRE-Enterobacter	CRE-Klebsiella	MDR-Acinetobacter	C. difficile
LabID Event (All specimens)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Report No Events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Custom Fields (Optional)

Label _____

Data _____

Denominators for LTCF

Page 1 of 1

NHSN National Healthcare Safety Network

Form Approved
OMB No. 0920-0666
Exp. Date: 11/30/2019
www.cdc.gov/nhsn

Facility ID: _____ *Location Code: _____ *Month: _____ *Year: _____

Date	*Number of residents	*Number of residents with a urinary catheter	*New antibiotic starts for UTI indication	*Number of urine cultures ordered	*Number of admissions	*Number of admissions on C. diff treatment
1						
2						
3						
4						
5						
6						

LTCF CHECKLIST for NHSN Participation

- ✓ Complete the *NHSN Annual Facility Survey* between January 1 and March 1 each year.
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- ✓ Complete the *NHSN Monthly Reporting Plan (MRP)* for each month facility will submit data to the NHSN.
- ✓ Identify and submit resident level HAI UTI and/or LabID event data to the NHSN. *This step is dependent on which modules a facility is participating during the month.*
- ✓ Enter denominator data for each month under surveillance.
- ❑ Data quality checks-resolve “Alerts”, *if applicable*.
- ❑ Add additional users to the NHSN application, *if applicable*.

DATA QUALITY CHECK-RESOLVE ALERTS

Alerts

- Data quality checks in the NHSN application that remind users of incomplete or missing in-plan data.
- Before using the analysis function, make sure to clear all (relevant) alerts.
- Found on the Home Page, or by clicking on the 'Alerts' tab on the sidebar.

The screenshot displays the NHSN application interface. At the top, a dark blue header reads "NHSN - National Healthcare Safety Network". Below this is a light blue navigation bar with the text "NHSN Long Term Care Facility Component Home Page". On the left, a vertical sidebar contains a list of menu items: "NHSN Home", "Alerts", "Reporting Plan", "Resident", "Event", "Summary Data", "Surveys", "Analysis", "Users", "Facility", "Group", and "Logout". The "Alerts" item is highlighted with a green circle and a mouse cursor. The main content area features a section titled "COMPLETE THESE ITEMS" followed by "ALERTS". Below this, four colored boxes display alert counts: a red box with the number "2" for "Missing Events", a yellow box with "4" for "Incomplete Events", a purple box with "47" for "Missing Summaries", and a green box with "4" for "Incomplete Summaries".

Alert Type	Count
Missing Events	2
Incomplete Events	4
Missing Summaries	47
Incomplete Summaries	4

Alerts

- When an alert category is selected all occurrences will be listed on a separate page for selection
- Each occurrence will need to be resolved in order for alert category to clear

Incomplete/Missing List

Missing Events Incomplete Events **Missing Summary Data** Incomplete Summary Data

Alert categories from previous page

In-plan locations with no associated summary data.

Month/Year	Alert Type	Event Type
09/2015	Events but no LTC Denominators	UTI Add Summary
01/2016	Events but no LTC Denominators	UTI Add Summary
07/2016	Events but no LTC Denominators	UTI Add Summary
09/2016	Events but no LTC Denominators	UTI Add Summary
12/2015	No Summary Form	UTI Add Summary
02/2016	No Summary Form	UTI Add Summary
03/2016	No Summary Form	UTI Add Summary
05/2016	No Summary Form	UTI Add Summary
08/2016	No Summary Form	UTI Add Summary
10/2016	No Summary Form	UTI Add Summary

Page 1 of 5

LTCF CHECKLIST for NHSN Participation

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- ✓ Enter denominator data for each month under surveillance.
- ✓ Data quality checks-resolve “Alerts”, *if applicable*.
- ☐ Add additional users to the NHSN application, *if applicable*.

ADD NHSN USERS

A decorative horizontal bar at the bottom of the slide, composed of several colored rectangular segments: orange, olive green, brown, teal, purple, and blue.

ADD NHSN Users

- The NHSN Facility Administrator has option to add additional users to access NHSN data.
- It is recommended that each facility have **at least two** NHSN users.
- The NHSN Facility Administrator assigns rights to each user
 - enable users to view, add, edit, delete, analyze NHSN data
- Once a new user is added, an email is automatically sent to the email address entered with instructions for registering with SAMS (required).

ADD NHSN Users

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶
- Analysis ▶
- Users ▶**
 - Add
 - Find
- Facility ▶
- Group ▶
- Logout

Mandatory fields marked with *

User ID *: Up to 32 letters and/or numbers, no spaces or special characters

Prefix:

First Name *:

Middle Name:

Last Name *:

Title:

User Active:

User Type:

Phone Number *:

Fax Number:

E-mail Address *:

Address, line 1:

Address, line 2:

Address, line 3:

City:

State:

County:

Zip Code:

Home Phone Number:

Beeper:

Tip: use first initial and last name ex. aantila

User must use same email address for SAMS registration!

ADD NHSN User

Assign and Save Rights

User ID: **MANTTILA (ID 238556)**

Fac: Angela LTCF Test Facility

Facility List:

Rights	Patient Safety	Healthcare Personnel Safety	Biovigilance	Long Term Care	Dialysis	
Administrator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All Rights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Analyze Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Add, Edit, Delete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
View Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Customize Rights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Effective Rights **Save** Back **Advanced**

Log-out of the NHSN application before closing your browser

The screenshot displays the NHSN application interface. At the top left is the CDC logo with the text "Centers for Disease Control and Prevention" and "CDC 24/7: Saving Lives, Protecting People™". At the top right is the NHSN logo with the text "National Healthcare Safety Network". Below the logos is a dark blue header bar with "NHSN - National Healthcare Safety Network" on the left and a user profile dropdown on the right. The user profile dropdown is open, showing the user's name "AANTILA", facility "Angela LTCF Test Facility", and a list of navigation options: "NHSN Home", "My Info", "Contact us", "Help", and "Log Out". The "Log Out" option is highlighted with a yellow box and a yellow arrow pointing to it from the right. On the left side of the page is a navigation menu with "NHSN Home" at the top and several other options: "Alerts", "Reporting Plan", "Resident", "Event", "Summary Data", "Surveys", "Analysis", "Users", "Facility", "Group", and "Logout". The "Logout" option at the bottom of this menu is also highlighted with a yellow box and a yellow arrow pointing to it from the right.

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

NHSN National Healthcare Safety Network

NHSN - National Healthcare Safety Network

AANTILA
Angela LTCF Test Facility

Welcome **AANTILA**
Angela LTCF Test Facility
(ID: 39455)
LTCF component

- NHSN Home
- My Info
- Contact us
- Help
- Log Out**

NHSN Home

- Alerts
- Reporting Plan
- Resident
- Event
- Summary Data
- Surveys
- Analysis
- Users
- Facility
- Group
- Logout**

NHSN Long Term Care Facility Component Home Page

COMPLETE THESE ITEMS

LTCF CHECKLIST for NHSN Participation

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- ✓ Enter denominator data for each month under surveillance.
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- ✓ Add additional users to the NHSN application, *if applicable*.

What's New for 2018

2018 LTCF Component Updates:

- **Social security number** is now optional when entering an event
- **Water management program** questions added to annual facility survey
- **NHSN agreement to participate** updated language and consent process for NHSN enrollment
- **E.g. and i.e.** replaced with “for example” and “specifically” throughout protocols
- **New resources**
 - First addition of LTCF Component Manual
 - Frequently Asked Questions
 - Analysis guidance documents

2018 LTCF Component Updates:

Analysis Updates

- **Business rules** added to improve denominator reporting accuracy
 - Users are not able to save the Monthly Summary report with 0 resident days
- Pop-up **alerts** to improve accuracy of submitted data
- New analysis **report**
 - Custom field variable (Advanced folder)

LTCF Home Page

Tracking Infections in Long-term Care Facilities

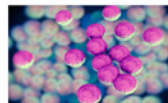


Eliminating infections, many of which are preventable, is a significant way to improve care and decrease costs. CDC's National Healthcare Safety Network provides long-term care facilities with a customized system to track infections in a streamlined and systematic way. When facilities track infections, they can identify problems and track progress toward stopping infections. On the national level, data entered into NHSN will gauge progress toward national healthcare-associated infection goals.

NHSN's long-term care component is ideal for use by: nursing homes, skilled nursing facilities, chronic care facilities, and assisted living and residential care facilities



C. difficile & MRSA Infections



Surveillance for C. difficile, MRSA, and other Drug-resistant Infections

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs

More >

Urinary Tract Infections (UTI)



Surveillance for Urinary Tract Infections (UTI)

- Training
- Protocols
- Forms
- Support Materials
- Analysis Resources
- FAQs

More >

Prevention Process Measures



Surveillance for Prevention Process Measures - Hand Hygiene, Gloves and Gown Adherence

- Training
- Protocols
- Forms
- Support Materials

Related Links

[NHSN Manual: Biovigilance Component Protocol April 2018](#) [PDF - 1M]

[Healthcare Personnel Safety Component Manual](#) [PDF - 874K]

[Long-term Care Facility Manual 2018](#) [PDF - 4 MB]

[2016 NHSN Patient Safety Component Manual](#) [PDF - 8M]

[2017 NHSN Patient Safety Component Manual](#) [PDF - 6M]

Newsletters and Archived Communications



Newsletters and Archived Communications

Record of archived newsletters and e-mail communications, which are meant to inform Long-term Care Facilities (LTCFs) of trending issues, frequently asked questions, protocol and application updates, deadlines and breaking news that may have been missed.