



Tracking Infections in Long-term Care Facilities (LTCFs) Using NHSN

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If you wanted to compare your infection surveillance data to another nursing home in your community that cared for a similar resident population, how confident are you that events will be tracked in the same way?

- A. Completely confident
- B. Slightly Confident
- C. Highly doubtful
- D. I'm not even sure I can compare my own surveillance data from year to year

In this session, we will..



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

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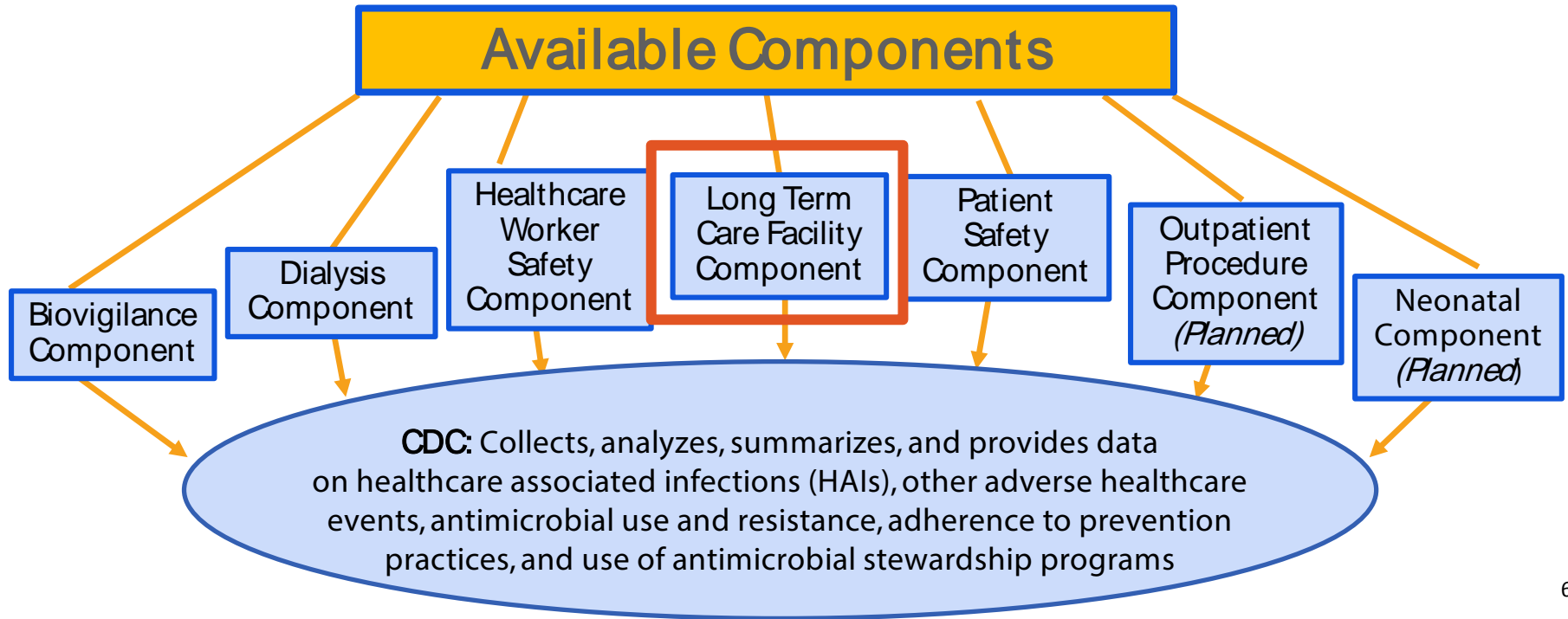
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User Support Specialist

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 Long-term Care Facilities (LTCF)

- 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

- To track staff influenza vaccination
- For more information about Healthcare Personnel Safety:

<http://www.cdc.gov/nhsn/hps.html>

NHSN Long-term Care Facility Component

- NHSN reporting option specifically for LTCFs
- Standardizes surveillance definitions
- >2,400 facilities have enrolled since its launch in Sept 2012

National Healthcare Safety Network (NHSN)

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

[CDC](#) > [NHSN](#) > [Materials for Enrolled Facilities](#)

Tracking Infections in Long-term Care Facilities



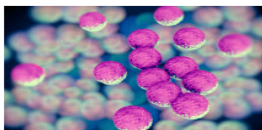
Eliminating infections, many of which are preventable, is a significant way to improve care and decrease costs. CDC's National Healthcare Safety Network provides long-term care facilities with a customized system to track infections in a streamlined and systematic way. When facilities track infections, 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



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

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

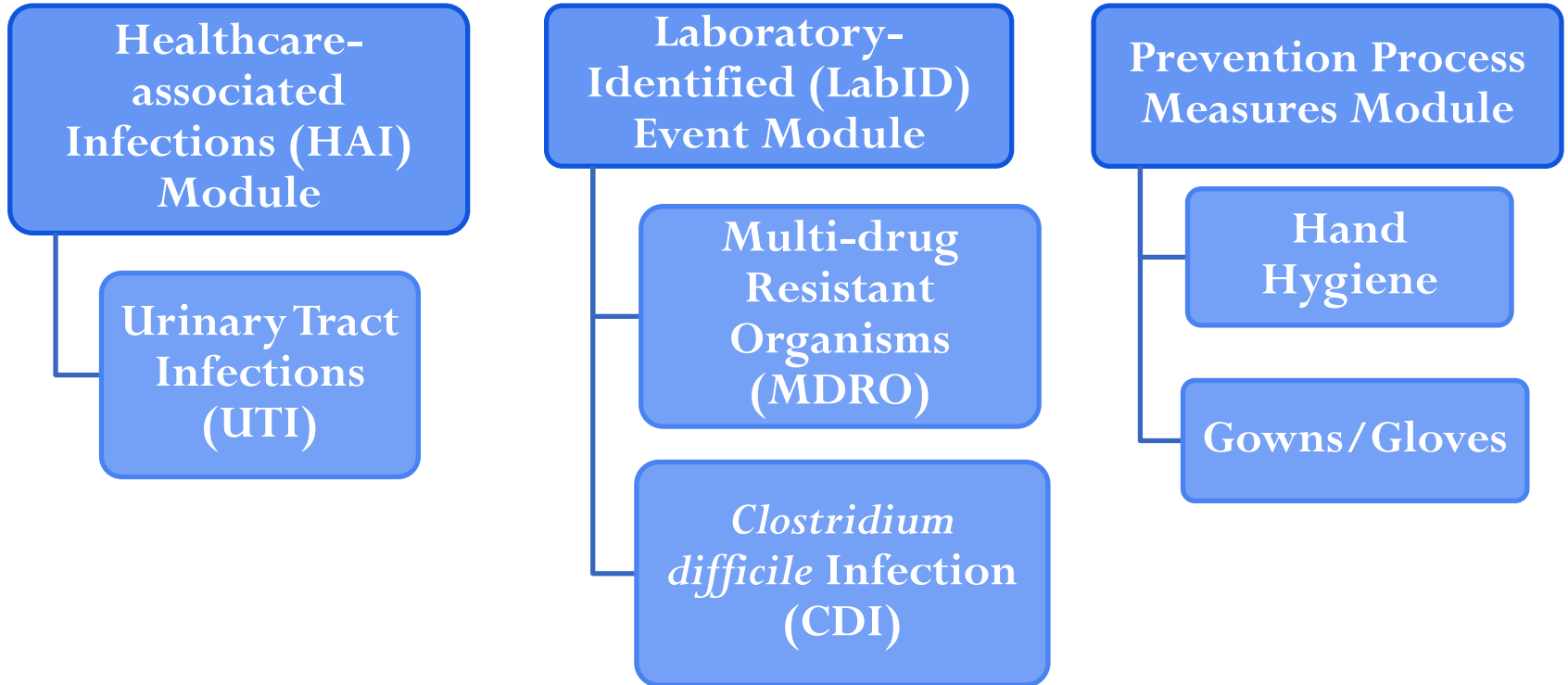


Report Prevention Process Measures - Hand Hygiene, Gloves and Gown Adherence

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



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
 - *Currently limited to Prevention Process Measures*



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 infection events 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*.

NHSN Forms and Instructions for Completion

- Match resident data and surveillance criteria
- 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 the following items: NHSN Login, About NHSN (+), Enroll Here (+), Materials for Enrolled Facilities (-), Ambulatory Surgery Centers (+), Acute Care Hospitals/Facilities (+), Long-term Acute Care Hospitals/Facilities (+), and Long-term Care Facilities (-). The 'Long-term Care Facilities' section is expanded, showing options for Surveillance for C. difficile and MRSA Infections, Surveillance for Urinary Tract Infections, Surveillance for Healthcare Personnel Exposure, Surveillance for Healthcare Personnel Vaccination, and Surveillance for Process Measures - Hand Hygiene.

The main content area features a header for 'Tracking Infections in Long-term Care Facilities' with social media icons (Facebook, Twitter, and a plus sign). Below this is a descriptive paragraph: '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 NHSN 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 skilled nursing and residential care facilities.' A green callout bubble with the text 'click title to open Module options' points to the title of this section.

Below the main text are two module cards. The first is titled 'MDRO/C.Diff - Surveillance for C. difficile, MRSA, and other Drug-resistant Infections' and lists options for Training, Protocols, Forms, Support Materials, and Analysis Reports. A green callout bubble with the text 'click title to open Module options' points to its title. The second card is titled 'Report Prevention Process Measures - Hand Hygiene, Gloves and Gown Adherence' and lists options for Training, Protocols, and Forms.

At the bottom of the page, there is a section titled 'Resources for NHSN Users Already Enrolled' and another titled 'New Users - Start Here'. The 'Resources' section has a dropdown menu with 'Data Collection Forms' selected, showing a list of forms: '57,138 LabID Event Form for LTCF January 2017' (PDF - 50 KB) with sub-items 'Customizable form' (DOCX - 29 KB) and 'Table of Instructions - LabID Event Form for LTCF' (PDF - 287 KB); and '57,139 MDRO and CDI Monthly Monitoring for LTCF January 2017' (PDF - 45 KB). A green callout bubble with the text 'click to open list of forms' points to the 'Data Collection Forms' dropdown. The 'New Users' section lists steps: Step 1: Enroll into NHSN, Step 2: Set up NHSN, and Step 3: Report, with a link to 'Click here to enroll'.

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.

The screenshot displays the NHSN Long Term Care Facility Component Home Page. On the left is a navigation menu with options: NHSN Home, Alerts, Reporting Plan, Resident, Event, Summary Data, Surveys, Analysis, Users, Facility, Group, and Logout. The main content area features the NHSN logo and the title "Long Term Care Facility Component—Annual Facility Survey". A "COMPLETE THESE ITEMS" section is visible. The form includes fields for Facility ID, National Provider ID, and State Provider ID. It also contains several sections with checkboxes for ownership, certification, and affiliation. At the bottom, there are fields for average daily census, total number of short-stay and long-stay residents, average length of stay, and total number of new admissions.

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

NHSN National Healthcare Safety Network

Form Approved
CMS 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

NHSN Home

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

NHSN Long Term Care Facility Component Home Page

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶
- Analysis ▶



NHSN Long Term Care Facility Component Home Page

COMPLETE THESE ITEMS

Survey Required
2016

A yellow arrow pointing from the right towards the '2016' text in the 'Survey Required' box.

EDIT Annual Facility Survey

NHSN - National Healthcare Safety Network

AANTILA
Angela LTCF Test Facility

NHSN Home

- Alerts
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Surveys ▶
- 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

Edit Back

Remember to **SAVE** your edits

Save Back

LTCF CHECKLIST for NHSN Participation

- Complete the *NHSN Annual Facility Survey* between January 1 and March 1 each year.
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- Identify and submit resident level HAI UTI and/or LabID event infection events 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*.

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.

- Customize Forms
- Facility Info
- Add/Edit Component
- 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.
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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.

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

LOCATIONS: ADD

- 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 narrow the search.
- 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 for each record.
- 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.
- 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 *

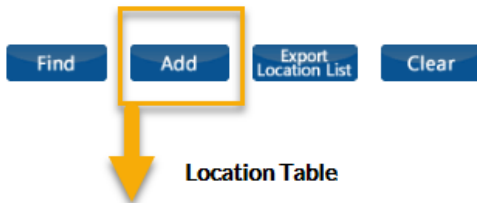
Your Code *:

Your Label *:

CDC Location Description *:

Status *:

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 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 *:

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**

Location Table

[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	2W	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

Deactivate

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 infection events 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*.

NHSN MONTHLY REPORTING PLAN

Monthly Reporting Plan

- The Monthly Reporting Plan informs CDC-NHSN which module(s) a facility is following during a given month
 - A plan must be in place before events can be entered into NHSN
- “Plans” can be modified retrospectively
- “Plans” can be entered for up to one year in advance

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". Below the NHSN logo is a user profile for "AANTTILA" at "Angela LTCF Test Facility". The main header reads "NHSN - National Healthcare Safety Network". The page title is "NHSN Long Term Care Facility Component Home Page". On the left is a navigation menu with the following items: NHSN Home, 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 "Reporting Plan" menu item and the "Add" option in the dropdown.

Monthly Reporting Plan for LTCF

➤ Three Surveillance Modules:

1. HAI for urinary tract infection (UTI) events
2. LabID Event for *C. difficile* and/or multi-drug resistant organisms
3. Prevention Process Measures for 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 *: Angela LTCF Test Facility (ID 39455) ▼

Month *: ▼

Year *: ▼

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) ▼		<input 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 type="checkbox"/>	<input type="checkbox"/>

Copy from Previous Month

Save Back

Select ONLY if facility will not perform surveillance during selected month

Edit Monthly Reporting Plan

- ✓ Plans may be edited to add or remove surveillance selections.
- ✓ If event data has already been entered for a selected month, the plan may not be deleted unless the event data is also deleted.

The screenshot shows the 'View Monthly Reporting Plan' page. On the left is a navigation menu with 'Reporting Plan' selected. The main content area shows the plan details for 'Angela LTCF Test Facility (39455)' for 'January 2017'. A yellow arrow points to the 'Find' button in the 'Reporting Plan' dropdown. Another yellow arrow points to the 'Edit' button at the bottom. A callout box points to the 'Edit' button with the text 'Option to Edit plan'. The 'HAI Module' table shows 'Facility-wide Inpatient (FacWIDEIn)' with a checked 'UTI' box. The 'LabID Event Module' table shows 'Facility-wide Inpatient (FacWIDEIn)' with a checked 'Lab ID Event All Specimens' box. The 'Prevention Process Measure Module' table shows 'Facility-wide Inpatient (FacWIDEIn)' with unchecked boxes for 'Hand Hygiene' and 'Gown and Gloves Use'. A 'Print Form' link is visible on the right.

Reporting Plan

Find

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"/>

[Print Form](#)

[Edit](#) [Previous](#) [Next](#) [Back](#)

Option to Edit plan

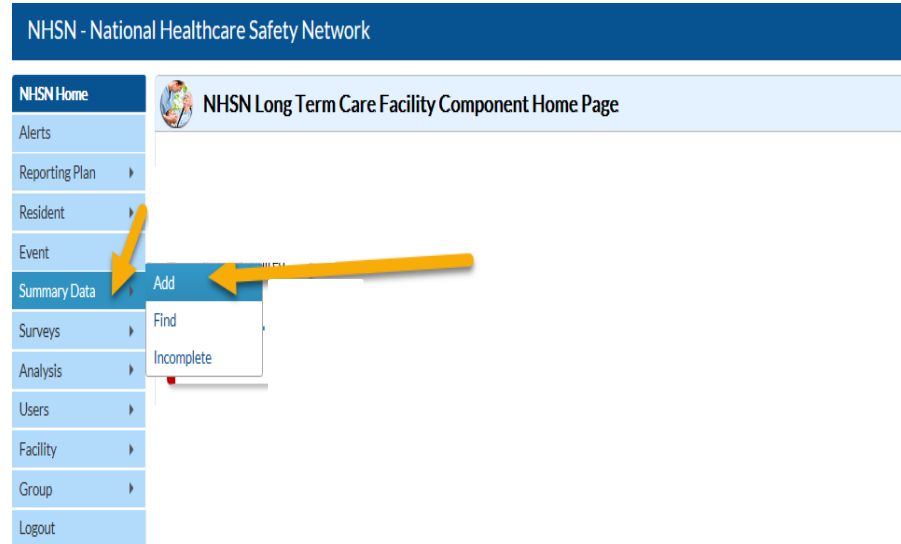
LTCF CHECKLIST for NHSN Participation

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DENOMINATOR DATA-MONTHLY SUMMARY

Entering Denominator Data into NHSN

- Referred to as Summary Data
- At the end of the month, enter each monthly total denominator for the month into the NHSN application
- Locate 'Summary Data' on left-hand navigation Bar, and then 'Add'



Entering Denominator 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 #: Angela LTCF Test Facility (39455)
 Month #: January
 Year #: 2017

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	Custom Fields
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	MRSA	VRE	Cephal- Xlobactam	CRE Ecol	CRE- Enterobacter	CRE- Klebsiella	C. difficile	MDR- Acinetobacter	Custom Fields
Facility-wide Inpatient (FacWIDEIn)	10 *	300 *	2 *	<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
				Report No Events	<input checked="" type="checkbox"/> **	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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



View 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"/>

Denominator Reporting (Monthly Summary)

- 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**
 - One form 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 _____



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

Denominators for LTCF

Page 1 of 1
*required for saving

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.
- 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 infection events 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*.

RESOLVE ALERTS

Alerts

- Automatic checks in the NHSN that remind users of incomplete or missing in-plan data
- Generated from the Monthly Reporting Plan
- 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 interface. At the top, a dark blue header reads "NHSN - National Healthcare Safety Network". Below this is a light blue navigation bar with "NHSN Home" and "NHSN Long Term Care Facility Component Home Page". A sidebar on the left lists various menu items: Alerts, Reporting Plan, Resident, Event, Summary Data, Surveys, Analysis, Users, Facility, Group, and Logout. The "Alerts" item is highlighted with a mouse cursor. The main content area is titled "COMPLETE THESE ITEMS" and "ALERTS". It features four colored boxes representing different alert categories: 2 Missing Events (red), 4 Incomplete Events (yellow), 47 Missing Summaries (purple), and 4 Incomplete Summaries (green).

Alert Category	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

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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 *

Tip: use first initial and last name ex. aanttila

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

Prefix:

First Name *

Middle Name:

Last Name *

Title:

User Active: Y - Yes No

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:

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="button" value="Advanced"/>
				<input type="button" value="Effective Rights"/>	<input type="button" value="Save"/>	<input type="button" value="Back"/>

Remember.....

Log-out of the NHSN application before closing your browser

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

Welcome AANTTILA
Angela LTCF Test Facility
(ID: 39455)
LTCF component

-  NHSN Home
-  My Info
-  Contact us
-  Help

 [Log Out](#)



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 infection events 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*.

LTCF COMPONENT UPDATES FOR 2017

2017 Component Updates: *All Modules*

- **Annual survey** includes three additional questions added to the antimicrobial stewardship section.
- **Analysis Reports:** *Number of Core Elements for Antibiotic Stewardship Program (ASP)* line listing (facility and group users) and frequency table (group users only) added to “Advanced” analysis to specify the number of core elements met, as reported by the facility on the annual survey.
- **NHSN Key Terms & Acronyms:** New supporting document added to each infection event/module, under Supporting Materials.
- **Organism lists** include additional organisms as well as updated taxonomy of previously included organisms.

2017 Component Updates: *LabID Event Module*

- **Definition** of a *C. difficile* positive laboratory assay was updated to add clarity by specifying *testing on loose/unformed stool only*.
- **Settings** for LabID Event reporting updated to specify *specimens obtained while a resident is receiving care from a LTCF and specimens collected from an emergency department (ED) or outpatient (OP) setting, such as a clinic/physician's office, during a resident's current admission in the LTCF (i.e., resident returns to the LTCF on the same calendar day or the next calendar day).*
 - **Note:** Specimens collected prior to admission to the LTCF and during a resident's inpatient admission in another facility continue to be excluded from LabID Event reporting for the LTCF.

2017 Component Updates: *LabID Event Module*

- **Denominator/Summary Data Forms:** Additional, *optional* form and Table of Instructions added for collecting aggregate LabID Event denominator data (*CDC 57.139- MDRO and CDI LabID Event Reporting. Monthly Summary Data for LTCF*). **Facilities may continue to use previous form (CDC 57.142- Denominators for LTCF) to collect denominator data.
- **Analysis Reports:** Foot notes added to CDI LabID Event rate table for additional clarification.

2017 Component Updates: *UTI Module*

- **Event Reporting:** The following question “*has resident been discharged from an acute care facility in the previous **3 months***” was changed to “has resident been discharged from an acute care facility in the **previous 4 weeks.**”
- **Denominator:** The following new variable added, “*Number of urine cultures ordered.*”

NHSN Resources

Long-term Care Facility Component

- ❖ NHSN LTCF website: <https://www.cdc.gov/nhsn/ltc/index.html>
 - ❖ Training
 - ❖ Protocols
 - ❖ Data collection forms
 - ❖ Tables of instructions for completing all forms
 - ❖ Key terms

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

*****All e-mail Inquiries should be sent to nhsn@cdc.gov for triage and delegation*

Time for a break!
Stretch your legs!

When we come back....

“Laboratory-identified Event Reporting”