



# NHSN Navigation: A Basic Overview of NHSN Reporting

## How Good is Your Data?

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# Why Improve Data Reporting Quality

- 1-3 million infections yearly
- Over 150,000 hospitalizations
- Cost approximately \$700 million

*NATIONAL ACTION PLAN TO PREVENT HEALTH CARE-ASSOCIATED INFECTIONS: ROAD MAP TO ELIMINATION*

*APRIL 2013*

# Learning Objectives

<b>Application Architecture</b>	User will develop understanding for NHSN application architecture
<b>Navigation</b>	Users will develop competency for navigating NHSN application
<b>Reporting</b>	Users will develop competency for managing NHSN reporting
<b>Analysis &amp; Reports</b>	Users will be able to generate facility level reports within NHSN application

# NHSN Content Structure and Flow

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

**NHSN** National Healthcare Safety Network

NHSN - National Healthcare Safety Network (apt-v-nhsn-test:8001)

**IRAMON**  
Pike Nursing Home

Welcome **IRAMON**  
Pike Nursing Home  
(ID: 11106)  
LTCF component

Home NHSN Home  
My Info  
Contact us  
Log Out  
Effective Date: Undefined

## NHSN Long Term Care Facility Component Home Page

The NHSN Agreement to Participate and Consent is incomplete. Only a Facility Administrator or Primary Contact can complete the Agreement to Participate and Consent. If you are the component's Facility Administrator or Primary Contact, [click here](#) to complete the form. Please contact [nhsn@cdc.gov](mailto:nhsn@cdc.gov) if you believe the Facility Administrator or Primary Contact information for this component needs updating.

### Action Items

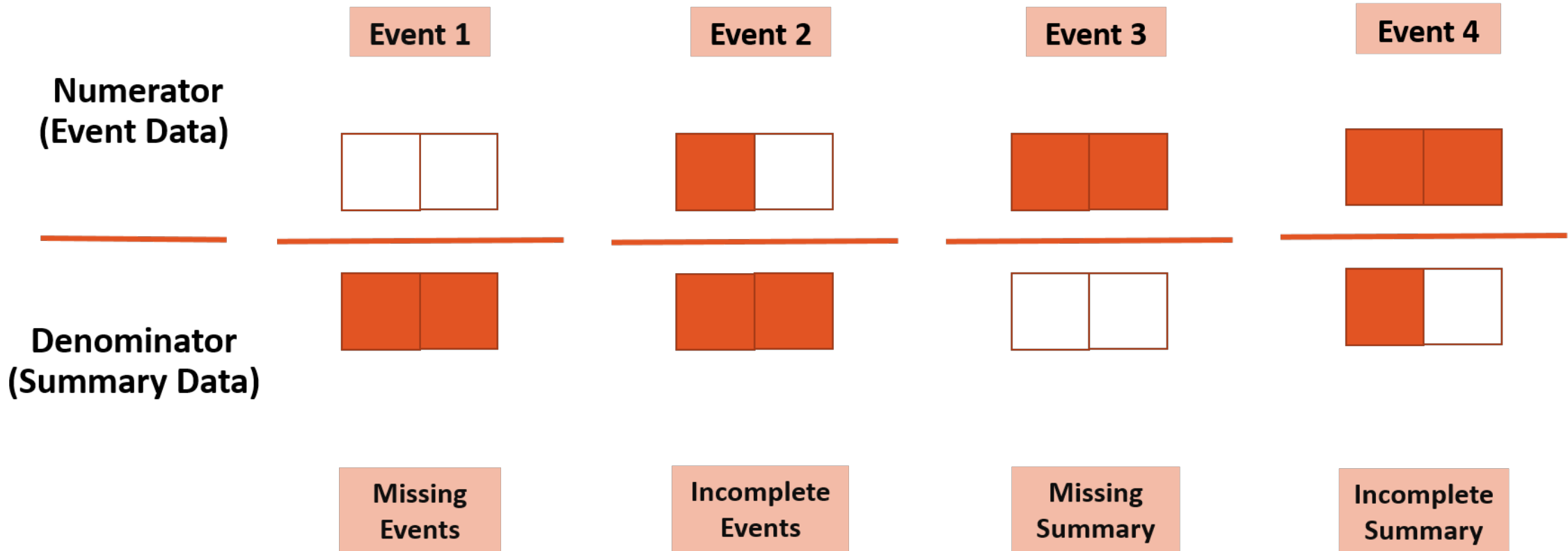
You have no action items.

**Assurance of Confidentiality:** The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or institution is collected with a guarantee that it will be held in strict confidence, will be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the individual, or the institution in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).

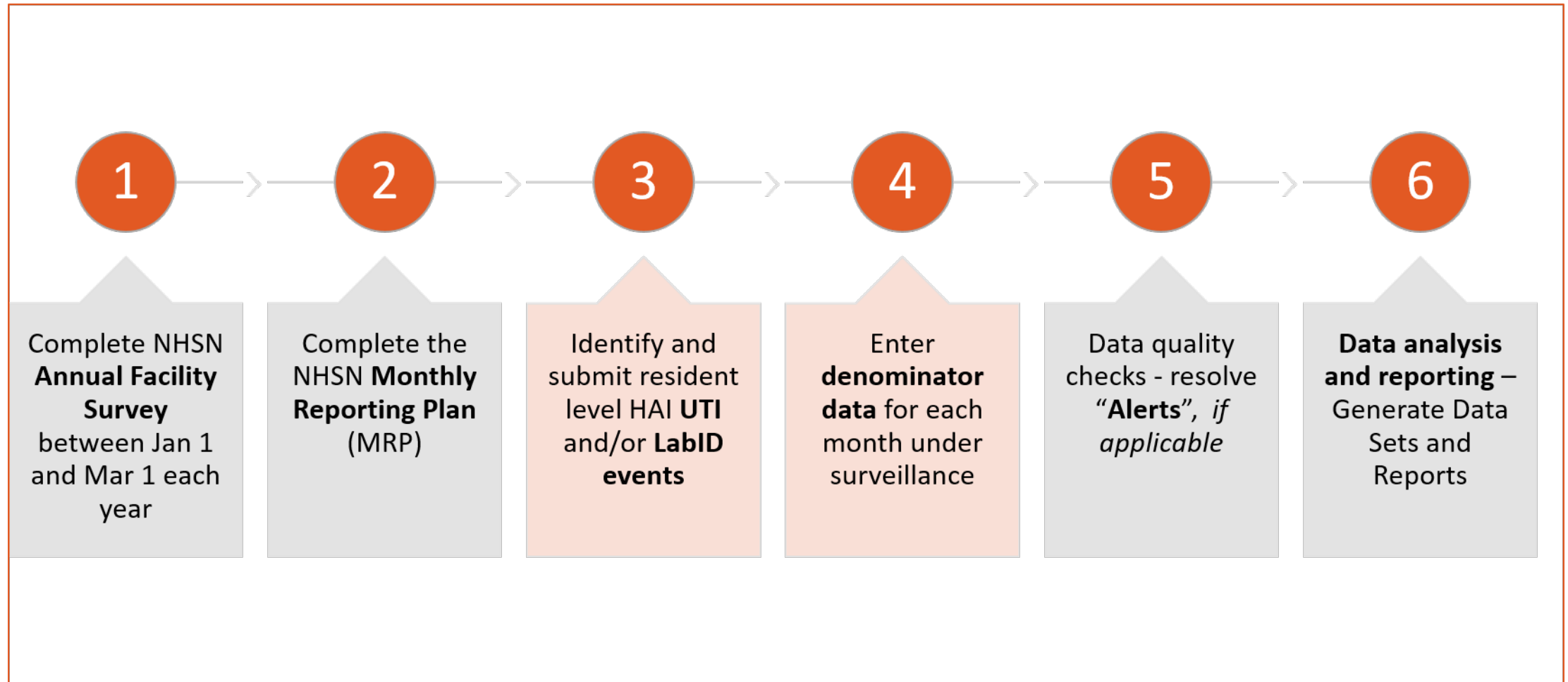
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- NHSN Home
- Alerts
- Reporting Plan
- Resident
- Event
- Summary Data
- Surveys
- Analysis
- Users
- Facility
- Group
- Tools
- Logout

# Event and Summary Data (Alerts)



# LTCF checklist for NHSN participation



# NHSN Application: Navigation

Functions	Definitions	Capabilities	Overview
Surveys	Annual Facility Survey	Add	To be completed at the beginning of every year, due before March 1st. The survey year should represent facility characteristics during the last full calendar year. Survey accuracy is important since survey variables are used for risk adjustment of data.
		Find	
Reporting Plan	NHSN Monthly Reporting Plan	Add	Informs NHSN which modules and events the facility will be following for a given month. . A plan must be submitted for each month that NHSN surveillance will be performed.
		Find	
Event	Numerator Data	Add	In-plan resident level HAI or LabID Event data that meet NHSN criteria and are submitted to NHSN. Complete event data are used in NHSN analysis for counting events and for calculating HAI rates (numerator).
		Find	
		Incomplete	
Summary Data	Denominator Data	Add	Monthly total counts submitted to NHSN. Based on which Modules and events a facility is participating during the month. Complete summary data (denominator) are used for calculating analysis and are required even if the facility did not identify and report events during the given month.
		Find	
		Incomplete	
Alerts	Quality Control	Missing Events	Data quality checks built into NHSN to notify users of incomplete or missing data. Generated based on the NHSN Monthly Reporting Plan. All alerts must be resolved before data are considered complete and included in analysis.
		Incomplete Events	
		Missing Summary Data	
		Incomplete Summary Data	
Analysis	Data Analysis & Reporting	Generate Data Sets	Pre-defined and customizable reports for each Module, including line-lists, rate tables, frequency tables, bar charts, and pie charts. Users must generate data sets to update data before running analysis reports.
		Reports	

# Demonstration



# Best Practices in Reporting

- Use LTCF participation checklist
- Complete NHSN Annual Survey in one sitting
- Use table of instruction to collect NHSN data
- Use NHSN forms to collect data before reporting Annual Survey
- If enrolled, may use previous year survey as a guide

- Do not use web browser “back button” to navigate
- Always log out of NHSN after use
- Enter/submit data in a reasonable fashion (within 30 days)
- When seeking NHSN support, ensure residents Personally Identifiable Information (PII) are not visible in your snapshots

**Questions?**

Thank you!

# NHSN Resources: LTC Facility Component

- ❖ NHSN LTCF website: <https://www.cdc.gov/nhsn/ltc/index.html>
  - ❖ Training
  - ❖ Protocols
  - ❖ LTCF manual, 2018
  - ❖ Data collection forms
  - ❖ Tables of instructions for completing all forms
  - ❖ Key terms
  - ❖ Frequently asked questions

Questions or Need Help? Contact User Support at [nhsn@cdc.gov](mailto:nhsn@cdc.gov)

*\*\*\*\*All e-mail Inquiries should be sent to [nhsn@cdc.gov](mailto:nhsn@cdc.gov) for triage and delegation*