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
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<th>Learning Objectives</th>
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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 component’s Primary Contact, click here to complete the form. Please contact 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 204, 306 and 306(a) of the Public Health Service Act (42 USC 241b, 242k, and 242m(e)).

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Event and Summary Data (Alerts)

Numerator (Event Data)
- Event 1
- Event 2
- Event 3
- Event 4

Denominator (Summary Data)
- Missing Events
- Incomplete Events
- Missing Summary
- Incomplete Summary
LTCF checklist for NHSN participation

1. Complete NHSN Annual Facility Survey between Jan 1 and Mar 1 each year
2. Complete the NHSN Monthly Reporting Plan (MRP)
3. Identify and submit resident level HAI UTI and/or LabID events
4. Enter denominator data for each month under surveillance
5. Data quality checks - resolve “Alerts”, if applicable
6. Data analysis and reporting – Generate Data Sets and Reports
# NHSN Application: Navigation

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<tr>
<th>Functions</th>
<th>Definitions</th>
<th>Capabilities</th>
<th>Overview</th>
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</thead>
<tbody>
<tr>
<td>Surveys</td>
<td>Annual Facility Survey</td>
<td>Add</td>
<td>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.</td>
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<tr>
<td></td>
<td></td>
<td>Find</td>
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<tr>
<td></td>
<td>NHSN Monthly Reporting Plan</td>
<td>Add</td>
<td>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.</td>
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<tr>
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<td>Find</td>
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</tr>
<tr>
<td>Reporting Plan</td>
<td>Numerator Data</td>
<td>Add</td>
<td>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).</td>
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<td></td>
<td></td>
<td>Find</td>
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</tr>
<tr>
<td></td>
<td>Denominator Data</td>
<td>Add</td>
<td>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.</td>
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<tr>
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<td>Find</td>
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</tr>
<tr>
<td>Summary Data</td>
<td></td>
<td>Add</td>
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<td>Incomplete</td>
<td></td>
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<tr>
<td></td>
<td>Quality Control</td>
<td>Missing Events</td>
<td>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.</td>
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<tr>
<td></td>
<td></td>
<td>Incomplete Events</td>
<td></td>
</tr>
<tr>
<td>Alerts</td>
<td>Data Analysis &amp; Reports</td>
<td>Generate Data Sets</td>
<td>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.</td>
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<tr>
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<td>Reports</td>
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<tr>
<td>Analysis</td>
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Demonstration
Best Practices in Reporting

- Use LTCF participation checklist
- Complete NHSN Annual Survey in one seating
- 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

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