NHSN Updates
COVID-19 Vaccine Module & Pathway

Welcome!
Chat to Technical Support if you need assistance

Presented by:
Amy Ward, MS, BSN, RN, CIC, FAPIC
Patient Safety Manager

August 18, 2022
Marilee Johnson, MBA, MT (ASCP)

STATE QUALITY MANAGER FOR NORTH CAROLINA

Marilee has accepted a new role at Alliant Health Solutions as the North Carolina State Quality Manager. Please help us congratulate her!

Contact: marilee.johnson@allianthealth.org
Donald Chitanda, MPH, CIC

INFECTION PREVENTION TECHNICAL ADVISOR

Donald is a health professional with experience in public health epidemiology and infection prevention. Over the past several years, he worked as an infection preventionist at the hospital- and system-level, where he was part of a task force to ensure the safety of caregivers and patients during the ongoing COVID-19 pandemic. In addition, he was part of and led several projects to reduce hospital-acquired infections utilizing Lean Six Sigma methodologies. He is also trained in ensuring ongoing facility survey readiness for regulatory agencies such as the CMS and The Joint Commission.

Donald enjoys spending time with family and doing outdoor activities.

Contact: Donald.Chitanda@AlliantHealth.org
Amy Ward, MS, BSN, RN, CIC, FAPIC

INFECTION PREVENTION SPECIALIST

Amy is a registered nurse with a diverse background in acute care nursing, microbiology, epidemiology and infection control. She is passionate about leading and mentoring new and future infection preventionists in their career paths and assisting them in reducing healthcare-associated infections across the continuum of care.

Amy enjoys spending time with her family. She loves all the time she can get outdoors camping, bicycling and running.

Contact: Amy.Ward@AlliantHealth.org
Erica Umeakunne, MSN, MPH, APRN, CIC

INFECTION PREVENTION SPECIALIST
Erica Umeakunne is an adult-gerontology nurse practitioner and infection preventionist with experience in primary care, critical care, health care administration and public health.

She was previously the interim hospital epidemiology director for a large health care system in Atlanta and a nurse consultant in the Center for Disease Control and Prevention's (CDC) Division of Healthcare Quality Promotion. While at the CDC, she served as an infection prevention and control (IPC) subject matter expert for domestic and international IPC initiatives and emergency responses, including Ebola outbreaks and, most recently, the COVID-19 pandemic.

Erica enjoys reading, traveling, family time, and outdoor activities.

Contact: Erica.Umeakunne@allianthealth.org
Objectives

Agenda:

• Join our Alliant Health Solutions LTC NHSN Group
• NHSN Updates
• Quality Alerts
• Influenza Vaccination Reporting
• Questions & Answers
Make Sure You Have Joined Our NHSN Group

On the NHSN Home page:
Click **Group > Join**

Make sure you see **Alliant Health Solutions–LTC (83378)**. If not, follow the instructions on the next slide to join.

Take this important step to receive assistance from your CMS quality improvement organization.
Join and Confer Rights to Alliant Health Solutions

Group Name: Alliant Health Solutions-LTC
Group ID: 83378
Joining Password: Alliant20!

Shop Talk Shorts YouTube Channel

Instructional videos to answer technical questions related to NHSN

Bookmark our FAQ YouTube channel for easy reference to frequent NHSN issues: https://www.youtube.com/playlist?list=PLXWmxni-xNHspWHhLlIrqcLGlzXZPljIF

Help! I am new & no one has NHSN access
How to Upgrade to Level-3 Access in NHSN
How do I find out who has access to my facility?
How do I add users and rights to our NHSN account?
I got a new job. Can I use my grid card to access my new facility?
How do I change my email address for NHSN & SAMS?
I am leaving, how do I reassign another NHSN facility administrator?
I want to receive technical assistance. How do I join Alliant Health Solution’s NHSN Data Group?
NHSN COVID-19 Pathway Updates
COVID-19 Pathway Data Reporting Updates

As of July 30, 2022

• Reporting guidance has not changed for the COVID-19 Surveillance Pathways

• Utilize the table of instructions for each pathway

• Utilize the NHSN COVID-19 webpage to locate resources, including:
  • Forms
  • Tables of instructions
  • CSV file layout documents and templates
  • Guidance documents
COVID-19 Pathway Updates

• Resident Impact
  • Table of instructions updated with additional information regarding up to date and clarity regarding this data element
  • [https://www.cdc.gov/nhsn/pdfs/covid19/ltcf/57.144-toi-508.pdf](https://www.cdc.gov/nhsn/pdfs/covid19/ltcf/57.144-toi-508.pdf)

• Staff and Personnel Impact
  • Instructions updated to include information regarding how to report re-testing of staff

• Therapeutics
  • Checkbox labeled "did not administer any therapeutics" added to auto-fill all fields with "0"
  • Do not leave any fields blank – you must enter a value
Therapeutics Pathway Update

Date for which counts are reported: 08/02/2022
Facility CCN: 
Facility Type: LTC-SKILLNURS

Date Created: 08/05/2022 12:57AM

Report total counts for the below questions only one calendar day during the reporting week and include only new counts since the previously reported counts. If the count is zero, a "0" must be entered as the response. A blank response is equivalent to missing data.

For each therapeutic listed, enter number of residents who received the therapeutic at this facility or elsewhere during the reporting week:

- Did not administer any therapeutics

<table>
<thead>
<tr>
<th>Therapeutic</th>
<th>How many residents were treated from stock stored at this facility?</th>
<th>How many residents were treated from stock that was stored at another facility, such as an infusion center?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoclonal Antibody Therapy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casirivimab/Imdevimab (Regeneron)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Batirivimab/tezivimab (Lilly)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Sarotivimab (GlaxoSmithKline)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Evusheld (AstraZeneca)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Ronivimab (Lilly)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Antiviral Therapy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paxlovid (Pfizer)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Molnupiravir (Merck)</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
Up To Date Vaccination Status

For the **NHSN resident impact pathway**, you must consider if the positive case was up to date **14 days or more before the specimen collection date** for primary vaccination & booster(s).

The NHSN Surveillance definition for the resident impact pathway differs from the infection prevention guidelines for isolation/quarantine.


NHSN Up To Date Vaccination

COVID-19 Up to Date Vaccination Guidance (cdc.gov)
Common Errors for COVID Pathway

For each positive test, summarize the vaccination status for the newly confirmed viral test result.
1. Not vaccinated
2. Partial vaccination
3. Complete vaccination

POSITIVE TESTS (previously called "Confirmed"): Number of residents newly positive for COVID-19 based on a viral test result must be equal to the sum of NOT VACCINATED, PARTIAL VACCINATION, and COMPLETE PRIMARY VACCINATION SERIES.
Resident Impact Pathway

Positive tests must equal the sum of Not Vaccinated + Partial + Complete Primary

Row 1:
- **ADMISSIONS**: Number of residents admitted or readmitted from another facility who were previously diagnosed with COVID-19 and continue to require transmission-based precautions. Excludes recovered residents.
- **POSITIVE TESTS**: Enter the number of residents with a newly positive SARS-CoV-2 viral test result (for example, a positive SARS-CoV-2 antigen test and/or SARS-CoV-2 NAAT (PCR)).
  - **Note**: Do not include residents who have a positive SARS-CoV-2 antigen test, but a negative SARS-CoV-2 NAAT (PCR).
  - **Only include residents newly positive since the most recent date data were collected for NHSN reporting.**

Row 2:
- **Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result**
  - **Not Vaccinated**: Include residents who have not been vaccinated with a COVID-19 vaccine OR residents whose first dose was administered 13 days or less before the specimen collection date.
  - **Partial Vaccination**: Include residents who have received Only 1-dose or 2-dose mRNA vaccine (for example, Moderna, Pfizer-BioNTech, or dose 1 of unspecified COVID-19 vaccine).
  - **Complete Primary Vaccination Series**: Include residents who have received Dose 1 and 2 of a two-dose mRNA vaccine (for example, Moderna or Pfizer-BioNTech, or dose 1 and 2 of unspecified COVID-19 vaccine) OR 1 Dose of the Janssen COVID-19 Vaccine.
  - Second dose received 14 days or more before the specimen collection date; otherwise, count as only dose 1.

Row 3:
- **Total Admissions**: 5
- **Total Positive Tests**: 20
- **Not Vaccinated**: 2
- **Partial Vaccination**: 0
- **Complete Primary Vaccination Series**: 18
NHSN Long-Term Care Facility Component Updates

2. If it is not passing QA, check your alerts on the home screen (you should do this every week).
3. If you see an alert, take the time to review, edit and confirm.
4. Contact CMS data.gov if you have concerns.

CMS Expert Help Desk:
NH_COVID_Data@cms.hhs.gov

Click here to view the definitions on the data.cms.gov website.

Analysis resources:
- COVID-19 Module Data Alerts [PDF – 500 KB] – April 5, 2021
- Correcting COVID-19 Module Data [PDF – 600 KB] – April 5, 2021
- NHSN LTCF COVID-19 Module Dashboard for Facility Users [PDF – 600 KB]
Alerts on Your Dashboard

Refer to the NHSN Data Quality Alerts information sheet
1. On the Alerts page, select Action Items
2. Click on COVID-19 Data Alerts
3. Click on the purple QA alert
4. The flagged data will appear highlighted
5. Review and correct the data and select Save
6. Data alert will then be removed from the NHSN alert list
Use the Event Level Forms To Submit Vaccine Data

- No longer green rows to designate if data was submitted.
- The logic for the new up-to-date definition has been added and applied to all weeks beginning June 27th.
- Requires date of birth to be entered for all individuals in the facility (age is part of the up-to-date definition).
Click View Reporting Summary and Submit

Be sure the drop-down "week of data collection" shows the correct week you are reporting.
Open the week you want to edit in the calendar and edit your data, then save it.
How Do I Upload the Event Level Form Data?

As a reminder, the Optional Excel Data Tracking Worksheet has been retired. During the early transition phase, we provided one-time instructions on how to upload data tracking worksheet information into the Event-Level Form. This was meant to be a one-time data transfer. Please do not upload the Optional Excel Data Tracking Worksheet to the Event-Level forms for weeks beginning with June 2022. The Optional Excel Data Tracking Worksheets do not contain the new variables added in the May release. If you want to upload data to the Event-Level (Person-Level) forms, please follow the instructions here: https://www.cdc.gov/nhsn/pdfs/ltc/covidvax/event-qrg-508.pdf to submit data via a .CSV template.

**LTCF Event-Level (Person-Level) HCP Templates and Examples**
[.CSV File Template for LTCF HCP [XLS – 10 KB] – June 2022](#)
Example [.CSV File for LTCF HCP [XLS – 11 KB] – June 2022](#)

**LTCF Event-Level (Person-Level) Residents Templates and Examples**
[.CSV File Template for LTCF Residents [XLS – 10 KB] – June 2022](#)
Example [.CSV File for LTCF Residents [XLS – 11 KB] – June 2022](#)
Definition of Up To Date for NHSN Surveillance

Review the definition of Up To Date using this [link](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf) in your weekly vaccine summary.

Many examples of Up To Date are provided in the document linked above, as well as the previous definition and examples from reporting period Quarter 4, 2021.

The current definition through **Sept. 2, 2022**:

- **Up to Date**
- **Question 5** asks about individuals who are up to date. Please review the current definition of up to date: [link](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf)

5. *Cumulative number* of residents in question #2 who are up to date with COVID-19 vaccines
Current Up To Date Definition (June 27, 2022)

Reporting Period Quarter 3 2022 (June 27, 2022 – September 2, 2022)
The following definitions apply when reporting data through the NHSN COVID-19 Vaccination Modules for the reporting period of Quarter 3, 2022 (representing vaccination data for June 27, 2022 – September 2, 2022).

Up to date with COVID-19 vaccines

Individuals are considered up to date with their COVID-19 vaccines during the surveillance period of June 27, 2022 through September 2, 2022 for the purpose of NHSN surveillance if they meet (1) of the following criteria:

<table>
<thead>
<tr>
<th>If Under 50 Years</th>
<th>If 50 Years and Older</th>
</tr>
</thead>
<tbody>
<tr>
<td>Received at least one booster dose</td>
<td>Received second booster dose (or received first booster dose less than 4 months ago and not yet eligible for a second booster dose)</td>
</tr>
<tr>
<td>or</td>
<td>or</td>
</tr>
<tr>
<td>Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose. This includes:</td>
<td>Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose. This includes:</td>
</tr>
<tr>
<td>a) Those who completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago.</td>
<td>a) Those who completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago.</td>
</tr>
<tr>
<td>b) Those who received a single dose of Janssen less than two months ago.</td>
<td>b) Those who received a single dose of Janssen less than two months ago.</td>
</tr>
</tbody>
</table>

*Individuals with a moderately to severely immunocompromising condition are considered up to date in the following cases:
1) Received an additional dose less than three months ago, if primary series was the Moderna or Pfizer-BioNTech COVID-19 vaccine; or
2) Received an additional dose less than two months ago, if primary series was the Janssen COVID-19 vaccine; or
3) Received an additional dose and one booster dose less than four months ago; or
4) Received a second booster dose.

*Reference this definition on the CDC website regularly.
SAMS & NHSN Tips
Confirm Facility Admin and Primary Contact

Facility > Facility Info > Scroll down and review the facility admin and long-term care primary contact. If the users are no longer there, deactivate them. For the facility admin, complete the Change Facility Admin Form.
Clean Up the Users in Your NHSN Account

Find User

- Enter search criteria and click Find

User Information

- User ID:
- First Name:
- Middle Name:
- Last Name:
- Phone Number:
- E-mail Address:

Find | Clear | Back
Deactivate Users Who No Longer Need Access

Check the box beside their name and click **Deactivate**.
OR Go to the Contact Page and Click User Active “No”

User > Find > Find > Click on the user account. Click Edit. Then change the User Active to NO. Select "Save"
Ensure Users Are Assigned Rights

<table>
<thead>
<tr>
<th>Rights</th>
<th>Long Term Care Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrator</td>
<td>✓</td>
</tr>
<tr>
<td>All Rights</td>
<td>✓</td>
</tr>
<tr>
<td>Analyze Data</td>
<td></td>
</tr>
<tr>
<td>Add, Edit, Delete</td>
<td></td>
</tr>
<tr>
<td>View Data</td>
<td></td>
</tr>
<tr>
<td>Staff/Visitor - Add, Edit, Delete</td>
<td>✓</td>
</tr>
<tr>
<td>Staff/Visitor - View</td>
<td>✓</td>
</tr>
<tr>
<td>Customize Rights</td>
<td></td>
</tr>
</tbody>
</table>

Hint: Double-check to ensure users have administrator rights, if applicable. If you don’t have admin rights, you will be unable to add users or perform key tasks to maintain the functionality of your account.
I Forgot My Password. How Do I Reset?

HINT: The USER ID is the email address you use to sign into the SAMS login.

Do you know your security questions? You must answer using correct capitalization.
If You Don’t Remember Your Security Questions

You must request the SAMS help desk to terminate your account. Then, email nhsn@cdc.gov and request a new invitation to register. Include your email address and first and last name.

Why risk this? Print out or screenshot your security questions and save them in a secure location. Log in to https://sams.cdc.gov SAMS credential > Click on Modify My Identity Data to view your answers.
Questions or Need Help?

Please submit questions by email to nhsn@cdc.gov and put the module in the subject line for a faster response.

Facilities can contact CMS with questions about reporting requirements and quality reporting:

• Long-term care facilities weekly reporting: DNH_TriageTeam@cms.hhs.gov
• Skilled nursing facilities quality reporting program: SNFQualityQuestions@cms.hhs.gov
Questions?
Thank You for Your Time!
Contact the Patient Safety Team

Amy Ward, MS, BSN, RN, CIC
Patient Safety Manager
Amy.Ward@AlliantHealth.org
678.527.3653

Donald Chitanda, MPH, CIC
Technical Advisor, Infection Prevention
Donald.Chitanda@AlliantHealth.org
678.527.3651

Erica Umeakunne, MSN, MPH, APRN, CIC
Infection Prevention Specialist
Erica.Umeakunne@AlliantHealth.org
Mark Your Calendar!

Shop Talk
3rd Thursdays at 2 p.m. ET

Registration Links:
Thursday, September 15, 2022
Thursday, October 20, 2022
Thursday, November 17, 2022
Thursday, December 15, 2022

Visit our website for more info:
https://quality.allianthealth.org/topic/shop-talks/
# Nursing Home and Partnership for Community Health: CMS 12th SOW GOALS

## Opioid Utilization and Misuse
- Promote opioid best practices
- Reduce opioid adverse drug events in all settings

## Patient Safety
- Reduce hospitalizations due to c. diff
- Reduce adverse drug events
- Reduce facility acquired infections

## Chronic Disease Self-Management
- Increase instances of adequately diagnosed and controlled hypertension
- Increase use of cardiac rehabilitation programs
- Reduce instances of uncontrolled diabetes
- Identify patients at high-risk for kidney disease and improve outcomes

## Care Coordination
- Convene community coalitions
- Reduce avoidable readmissions, admissions to hospitals and preventable emergency department visits
- Identify and promote optimal care for super utilizers

## COVID-19
- Support nursing homes by establishing a safe visitor policy and cohort plan
- Provide virtual events to support infection control and prevention
- Support nursing homes and community coalitions with emergency preparedness plans

## Immunization
- Increase influenza, pneumococcal, and COVID-19 vaccination rates

## Training
- Encourage completion of infection control and prevention trainings by front line clinical and management staff
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