Welcome!

- All lines are muted, so please ask your questions in Q&A
- For technical issues, chat to the ‘Technical Support’ Panelist
- Please actively participate in polling questions that will pop up on the lower righthand side of your screen

We will get started shortly!
Shop Talk: COVID-19 Vaccine Data Submissions into NHSN

May 20, 2021

Presented By:
Marilee Johnson, MBA, MT (ASCP)
Infection Prevention Technical Advisor
Marilee Johnson, MBA, MT (ASCP)

INFECTION PREVENTION TECHNICAL ADVISOR

Marilee is a health professional with experience in public health epidemiology, infection prevention, and clinical microbiology. Recently, she worked with nursing homes through a national CDC project to reduce C. difficile infections. She continues to support nursing homes with reporting infections into the National Healthcare Safety Network and reducing health acquired infections.

Marilee loves gardening, hiking, reading, yoga, and spending time with her family.

marilee.johnson@allianthealth.org
Amy Ward, MS, BSN, RN, CIC

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 family. She loves all the time she can get outdoors camping, bicycling and running.

Contact:
Amy.Ward@AlliantHealth.org
Objectives

At the end of this session, the participant will be able to:

• Understand the expectations & timeline of the new mandate to submit the therapeutic treatment data and COVID-19 vaccine rates for staff and residents into NHSN.

• Calculate the vaccine rate for your facility

• Submit COVID-19 vaccine data for staff and residents into NHSN.

• Update the Bar Graph of the Percentage Vaccinated each week.

• Join the Alliant Quality NHSN Data group.
Recent Updates

4-27-2021 – QSO-20-28-…Long-Term Care (LTC) Facility Testing Requirements and Revised COVID19 Focused Survey Tool

4-2021 Updated Resident Therapeutics Form and Table of Instructions

5-6-2021 QSO-20-29- Interim Final Rule Updating Requirements for Notification of Confirmed and Suspected COVID-19 Cases Among Residents and Staff in Nursing Homes


5-2021 - Updated COVID-19 Vaccine Data Collection Form and Instructions & CSV File
https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html
NHSN Reporting Pathways

• CMS Required Pathways
  – Staff and Personnel Impact
  – Resident Impact
  – Supplies & PPE
  – Ventilator Capacity and Supplies
  – COVID-19 Therapeutics
  – COVID-19 Vaccination for HCW and Residents

• Optional Pathways (Strongly Encouraged)
  – Influenza Vaccination
  – POC Testing

Weekly reporting (within 7 days) except POC testing required within 24 hours of result
NHSN Vaccine Module Resources

https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html

• Bookmark this page!!
  – Table of Instructions
  – NHSN Training Slides
  – Data Tracking worksheets
  – Instructions for reports

Weekly HCP & Resident COVID-19 Vaccination
Weekly COVID-19 Vaccination Data Reporting
Long-term care facilities can track weekly COVID-19 vaccination data for residents and healthcare personnel (HCP) through NHSN.

Training
• Reporting Weekly COVID-19 Vaccination Data - December 2020 [PDF - 1 MB]
  Training slides covering weekly COVID-19 vaccination data reporting for residents and healthcare personnel.

Data Collection Forms and Instructions
All Data Collection Forms are Print-only
• Weekly COVID-19 Vaccination Summary Form for Residents at LTCFs (57-214) - March 2021 [PDF - 100 KB]
  • Table of instructions: [PDF - 200 KB]
• Weekly COVID-19 Vaccination Summary Form for Healthcare Personnel at LTCFs (57-215) - March 2021 [PDF - 150 KB]
  • Table of instructions: [PDF - 200 KB]

Supporting Materials
• Uploading Group COVID-19 CSV Data Files - March 2021 [PDF - 1 MB]
• CSV File Template for Resident COVID-19 Vaccination Data - March 2021 [CSV - 2 KB]
• CSV File Template for Healthcare Personnel COVID-19 Vaccination Data - March 2021 [CSV - 2 KB]
• Weekly COVID-19 Vaccination Data Reporting Guidance - December 2020 [PDF - 200 KB]
• Data Tracking Worksheet for COVID-19 Vaccination among Residents - December 2020 (PDF - 500 KB)
• Data Tracking Worksheet for COVID-19 Vaccination among Healthcare Personnel - December 2020 (PDF - 500 KB)
• Live Lists of COVID-19 Vaccination Data - February 2021 [PDF - 800 KB]
• Bar Charts of COVID-19 Vaccination Data - February 2021 [PDF - 800 KB]
Definition of Vaccine Rate

Resident Vaccine Rate: Add together the # of residents in your building who have been vaccinated and divide by the total # occupied beds (residents who were in your building at least 1 day).

Occupied beds = 25
Number of residents fully vaccinated = 20

\[
20 \div 25 = 0.8 = 80\
\]
Definition of Staff Vaccine Rate

Staff Vaccine Rate: Add up the total number of staff who have been fully vaccinated and divide by the total staff who were eligible to work 1 day.

75 staff fully vaccinated
100 staff eligible to work 1 day that week
= 75% vaccinated
Weekly COVID-19 Vaccine Reporting Tutorial
Tracking and preparing your data

- NHSN Tracking Worksheet
  - [https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html)

<table>
<thead>
<tr>
<th>Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Long-Term Care Facilities</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TRACKING WORKSHEET</td>
<td></td>
</tr>
<tr>
<td>*Facility ID#: 59979</td>
<td></td>
</tr>
<tr>
<td>Vaccination type: COVID_19</td>
<td></td>
</tr>
<tr>
<td>*First day of Reporting Week (Monday): 3/29/2021</td>
<td></td>
</tr>
<tr>
<td>Last day of the reporting week (Sunday): 4/4/2021</td>
<td></td>
</tr>
</tbody>
</table>

- J & J vaccine will be added soon
Tracking worksheet auto-fills into the Reporting Summary Worksheet

- Worksheets available for both Healthcare workers and Residents
- Eases burden of reporting

Tip:
Save each week with the “week of data collection” in file name
“SAVE AS” your tracking sheet each week

• Enter the name and date vaccinated
• Then “SAVE AS” the worksheet with the “last day” of the reporting week date. Keep the worksheets for documentation.

– CovVacSummary-05-30-21
– CovVacSummary-06-06-21
– CovVacSummary-06-13-21
Vaccine Rate Math
4/30/21: 100 Bed Facility | 80 Beds Occupied
4/30/21 NHSN Submission:
Make sure your math is correct before hitting save.

<table>
<thead>
<tr>
<th>Question</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Number of residents staying in this facility for at least 1 day</td>
<td>80</td>
</tr>
<tr>
<td>2. Cumulative number of residents in Question #1 who have received</td>
<td></td>
</tr>
<tr>
<td>COVID-19 vaccine(s) at this facility or elsewhere</td>
<td></td>
</tr>
<tr>
<td>2.1 Only dose 1 of Pfizer-BioNTech COVID-19 vaccine</td>
<td>15</td>
</tr>
<tr>
<td>2.2 Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine</td>
<td>50</td>
</tr>
<tr>
<td>Any completed COVID-19 vaccine series</td>
<td>50</td>
</tr>
<tr>
<td>3. Cumulative number of residents in Question #1 with other conditions:</td>
<td></td>
</tr>
<tr>
<td>3.1 Medical contraindication to COVID-19 vaccine</td>
<td>2</td>
</tr>
<tr>
<td>3.2 Offered but declined COVID-19 vaccine</td>
<td>13</td>
</tr>
<tr>
<td>3.3 Unknown COVID-19 vaccination status</td>
<td></td>
</tr>
<tr>
<td>3.4 History of laboratory-confirmed SARS-CoV-2 infection</td>
<td></td>
</tr>
</tbody>
</table>

\[80 = 15 + 50 + 2 + 13\]
5/7/21: 100 Bed Facility | 85 Beds Occupied

- **Vaccinated**: 60 beds
- **Partially Vaccinated**: 10 beds
- **Not vaccinated**: 13 beds
- **Medical contraindication**: 2 beds
5/7/21: NHSN Data Submission

<table>
<thead>
<tr>
<th>Resident COVID-19 Cumulative Vaccination Summary for Long-Term Care Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date Created:</strong> 05/07/2021 10:27AM</td>
</tr>
<tr>
<td><strong>Facility ID:</strong> 59979</td>
</tr>
<tr>
<td><strong>Vaccination type:</strong> COVID19</td>
</tr>
<tr>
<td><strong>Week of Data Collection:</strong> 05/03/2021 - 05/09/2021</td>
</tr>
<tr>
<td><strong>Date Last Modified:</strong> 05/17/2021 3:14PM</td>
</tr>
</tbody>
</table>

### Cumulative Vaccination Coverage

| 1. *Number of residents staying in this facility for at least 1 day during the week of data collection* | 85 |
|---|
| 2. **Cumulative number** of residents in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere |
| 2.1 *Only dose 1 of Pfizer-BioNTech COVID-19 vaccine* | 10 |
| 2.2 *Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine* | 60 |
| Any completed COVID-19 vaccine series | 60 |
| 3. **Cumulative number** of residents in Question #1 with other conditions: |
| 3.1 *Medical contraindication to COVID-19 vaccine* | 2 |
| 3.2 *Offered but declined COVID-19 vaccine* | 13 |
| 3.3 *Unknown COVID-19 vaccination status* |
| 3.4 *History of laboratory-confirmed SARS-CoV-2 infection* |
5/14/21: 100 Bed Facility | 82 Beds Occupied

- Vaccinated
- Partially Vaccinated
- Not vaccinated
- Medical contraindication
Date Created: 05/17/2021 3:22PM
*Facility ID: 59979
*Week of Data Collection: 05/10/2021 - 05/16/2021
*Vaccination type: COVID19
*Date Last Modified: 05/17/2021 3:24PM

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### Cumulative Vaccination Coverage

1. *Number of residents staying in this facility for at least 1 day during the week of data collection

2. *Cumulative number of residents in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020

   2.1 *Only dose 1 of Pfizer-BioNTech COVID-19 vaccine
   2.2 *Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine
   2.5 *Dose of Janssen COVID-19 vaccine

Any completed COVID-19 vaccine series

3. Cumulative number of residents in Question #1 with other conditions:

   3.1 *Medical contraindication or exclusions to COVID-19 vaccine

   3.2 Offered but declined COVID-19 vaccine

   3.3 Unknown COVID-19 vaccination status

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**COVID-19 Vaccine(s) Supply**

Please contact your state or local health jurisdiction if there is insufficient supply of COVID-19 vaccine available or if your facility is interested in becoming a COVID-19 vaccine provider.
# Vaccine Rate Math & Graph of % Vaccinated

<table>
<thead>
<tr>
<th>Occ beds</th>
<th>5/2</th>
<th>5/9</th>
<th>5/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>85</td>
<td>82</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contraindications</th>
<th>5/2</th>
<th>5/9</th>
<th>5/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fully Vac.</th>
<th>5/2</th>
<th>5/9</th>
<th>5/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>60</td>
<td>70</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>% Math</th>
<th>5/2</th>
<th>5/9</th>
<th>5/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>50/78</td>
<td>60/83</td>
<td>70/79</td>
<td></td>
</tr>
</tbody>
</table>

\[=64\% \quad =72\% \quad =89\%\]
Exclusions from Total

 Automatically calculated for you in the tracking sheet /NHSN

 Exclusions Total occupied beds(100) – contraindication (3) = 97

 is used for calculation

 – Medical contraindications include

   • severe allergic reaction (e.g., anaphylaxis) after a previous dose or to a component of the COVID-19 vaccine.
   • receiving monoclonal antibodies or convalescent plasma as part of COVID-19 treatment in the previous 90 days,
   • current quarantine or isolation for known SARSCoV-2 infection, and receipt of another vaccine in the previous 14 days.

 Please see the most up-to-date list of contraindications and exclusions here:
 https://www.cdc.gov/vaccines/covid-19/info-byproduct/clinical-considerations.html
Submit Data Weekly to NHSN (& within 7 days)

1. Complete these items:
   - Summary Data
   - COVID-19 Vaccination - HCW
   - COVID-19 Vaccination - Residents

2. Table of instructions:

3. For the current reporting week, please describe the availability of COVID-19 vaccine(s) for your facility’s HCP:
   - 4.1. * Is your facility enrolled as a COVID-19 vaccination provider? Y - Yes ▼
   - 4.2. * Did your facility have a sufficient supply of COVID-19 vaccine(s) to offer all HCP the opportunity to receive COVID-19 vac

Data Integrity is so Important – Please be sure to read the table of instructions!!!
What if I put the wrong numbers in last week?

Vaccination Summary
- Navigate to the entry you wish to change
- Click on the data tab
What if I put the wrong numbers in last week?

Click in the box to edit your numbers.
And don’t forget to SAVE!

“Date Last Modified” will be automatically updated when edits are made.
NHSN Vaccine Reports Staff and Residents

Analysis Generate Data Sets > Reports > COVID-19 Module > COVID-19 Vaccination
Select a report > Run Report
## NHSN Line Listing – All Vaccination Summary Data

<table>
<thead>
<tr>
<th>Facility Org ID</th>
<th>Type of Vaccination</th>
<th>Week of data collection, start date</th>
<th>Week of data collection, end date</th>
<th>Number of Residents staying in this facility for at least 1 day during the week of data collection</th>
<th>Cumulative number of Residents who completed COVID-19 vaccine(s) dose at this facility or elsewhere</th>
<th>Cumulative number of Residents who have started but not completed COVID-19 vaccine(s) at this facility or elsewhere</th>
<th>Medical contraindication</th>
<th>Offered but declined</th>
<th>Unknown vaccination status</th>
</tr>
</thead>
<tbody>
<tr>
<td>59979</td>
<td>COVID-19</td>
<td>04/26/2021</td>
<td>05/02/2021</td>
<td>60</td>
<td>50</td>
<td>15</td>
<td>2</td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td>59979</td>
<td>COVID-19</td>
<td>05/03/2021</td>
<td>05/09/2021</td>
<td>65</td>
<td>60</td>
<td>10</td>
<td>2</td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td>59979</td>
<td>COVID-19</td>
<td>05/10/2021</td>
<td>05/16/2021</td>
<td>82</td>
<td>70</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>5</td>
</tr>
</tbody>
</table>

Percentage of persons who have received a complete vaccination course against SARS-CoV-2

<table>
<thead>
<tr>
<th>Percentage of persons who have received a complete vaccination course against SARS-CoV-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>64.103</td>
</tr>
<tr>
<td>72.289</td>
</tr>
<tr>
<td>88.608</td>
</tr>
</tbody>
</table>

**Note:** This measure would exclude vaccines that require only a single dose.
NHSN Bar Chart of COVID-19 Vaccinations
Consider Displaying Your **Facility Rates**

Example: Week Ending May 16

<table>
<thead>
<tr>
<th>STAFF</th>
<th>RESIDENT</th>
<th>County Positivity Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>80%</td>
<td>89%</td>
<td>9%</td>
</tr>
</tbody>
</table>

Target >75%

Target >70%

TARGET <10%
Vaccine Reporting Schedule

When does the "7 day" capture period start and when does that info have to be entered?

Reporting week runs Monday through Sunday.

- May 10\textsuperscript{th}-May 16\textsuperscript{th}
- May 17\textsuperscript{th}-May 23\textsuperscript{nd}
- May 23\textsuperscript{rd}-May 30\textsuperscript{th}
- May 31-June 6\textsuperscript{th}

**June 7\textsuperscript{th}-13\textsuperscript{th}** Mandatory reporting weekly to include therapeutic AND vaccine rates for staff and residents.

June 14-20\textsuperscript{th} and so forth

Each week, you must report the current week’s data by midnight on Sunday. So you can report any day prior (*within the 7 days*). *And you can edit as needed the following week.*
COVID-19 Vaccination summary

- Report Vaccine Rates Weekly for Residents & Staff
  - (At least every 7 days)
  - By Sunday

- Continue to work with your pharmacy to educate & complete vaccinations for all staff, residents & new admissions.

- Print out vaccine rates in NHSN each week to ensure compliance.

https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html
https://covid.cdc.gov/covid-data-tracker/#vaccinations
https://www.cdc.gov/mmwr/volumes/70/wr/mm7005e2.htm?s_cid=mm7005e2_x
Join & Confer Rights to Alliant Quality

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

Shop Talk Shorts YouTube Channel

*NEW*
- How do you find out who has access and rights for your facility account?
- I used my grid card at my previous facility. Can I use it to access my new facility?
- My administrator added me as a user to our facility's NHSN account, but I can't login.

https://www.youtube.com/playlist?list=PLXWmxni-xNHspWHhLlIrqcLGlzXZPljlF
Mark Your Calendar!

Shop Talk 3rd Thursdays at 2pm ET

Registration Links:

Visit our website for More info:
https://www.alliantquality.org/topic/shop-talks/
Questions?

Please put your questions into the Q & A.
Thank You for Your Time!

Contact the Patient Safety Team

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This material was prepared by Alliant Quality, the quality improvement group of Alliant Health Solutions (AHS), the Medicare Quality Innovation Network - Quality Improvement Organization for Alabama, Florida, Georgia, Kentucky, Louisiana, North Carolina, and Tennessee, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy. Publication No. 12SOW-AHSQIN-QIO-TO1NH-21-639