National Healthcare Safety Network (NHSN) Long Term Care Facility (LTCF) COVID-19 Module Training

LTCF COVID-19 Module:
Resident Impact and Facility Capacity (RIFC) Pathway Updates

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Presenter: Molly Stillions RN, MSN
Nurse Infection Preventionist, Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Surveillance Branch

cdc.gov/coronavirus
Understanding new updates included in the LTCF COVID-19 Module Resident Impact and Facility Capacity (RIFC) Pathway
LTCF COVID-19 Module: 4 Surveillance Pathways for Data Reporting

Optimizing Timely, Standardized Data Collection to Characterize National Impact, Inform Ongoing Activities, and Direct Resources

- Resident Impact and Facility Capacity
  - Admissions
  - Newly Positive Tests
  - Test Type
  - Vaccination Status
  - Re-infections
  - Deaths
  - Influenza
  - Respiratory Illness
  - Co-Infections
  - COVID-19 Viral Testing
  - Testing Resources

- Staff and Personnel Impact
  - Newly Positive Tests
  - Test Type
  - Re-infections
  - COVID-19 Deaths
  - Influenza
  - Respiratory Illness
  - Co-infections
  - Staffing Shortages

- Supplies and Personal Protective Equipment (PPE)
  - PPE Supply Availability
  - Alcohol-based Hand Rub

- Therapeutics
  - Residents Treated
  - In-house Stock
  - Stock Stored Outside the LTCF
Resident Impact and Facility Capacity Pathway

NHSN COVID-19 Module
Tips for NHSN Reporting in the RIFC Pathway

- Report in the pathway once during the reporting week
- Report only **new counts** since the last time counts were collected for reporting to NHSN
- Do not leave any data fields blank; enter ‘0’ if appropriate

**Important!** Facilities reporting to NHSN still need to follow state and local public health reporting requirements.
One Stop Browsing for NSHN LTCF COVID-19 Module Resources

Visit NSHN LTCF COVID-19 Module web page for reporting resources

https://www.cdc.gov/nhsn/ltc/covid19/index.html
Resources for Importing Data

Visit NSHN LTCF COVID-19 Module web-page

- CSV data file templates for facility and groups
- File Layout documents with importing requirements [variable names, values, format, description]

Visit NSHN LTCF COVID-19 Module web-page

https://www.cdc.gov/nhsn/ltc/covid19/index.html
CSV Template and File Layout for CSV Upload

RIFC Template for CSV upload

RIFC file layout for CSV upload
RIFC Pathway Components and Updates

- Facility Capacity
- Resident Impact for COVID-19 (SARS-CoV-2)
- **Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result**
  - Test type
  - Initial series
  - Additional or Booster Doses
- Re-Infections with SARS-CoV-2
- Resident Deaths
- Resident Impact for Non-COVID-19 (SARS-CoV-2) Respiratory Illness
- Resident Impact for Co-Infections
- SARS-CoV-2 testing
Vaccination Status & Weekly COVID-19 Vaccination Summary

**Vaccination Status**

- "Vaccination status" of residents **newly positive** for SARS-CoV-2 (COVID-19) through viral testing methods is reported in the *Resident Impact and Facility Capacity* pathway.

**Weekly COVID-19 Vaccination Summary**

- This is used to report **cumulative** vaccination coverage for residents who have received COVID-19 vaccination at the facility or elsewhere.

*For information regarding Weekly COVID-19 Vaccination Data Reporting, visit https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html*
RIFC Pathway Vaccination Status

- When reporting “Vaccination status” of residents newly positive for SARS-CoV-2, include only new counts since the last date these counts were collected for reporting to NHSN.

Do not report cumulative counts in the Resident Impact and Facility Capacity Pathway.
RIFIC Pathway Vaccination Status

14-day window for determining vaccination status

- For residents with a newly positive SARS-Cov-2 viral test result, a COVID-19 vaccine dose received inside the 14-day window (specifically, received 13 days or less before the specimen collection date), is not counted when reporting vaccination status.

Example: If the first dose of a 2-dose COVID-19 vaccine series was received 35 days prior to specimen collection, but the second dose was received 10 days prior to the specimen collection date, the vaccine status for the newly positive resident is to be reported as the resident received only one dose.
Vaccination Status: 14 Day Window

Day 1
Day 2
Day 3
Day 4
Day 5
Day 6
Day 7
Day 8
Day 9
Day 10
Day 11
Day 12
Day 13
Day 14

Day of vaccination

Day of Specimen Collection: this dose is NOT counted

Day of Specimen Collection: this dose is counted
NEW! Additional Dose or Booster Dose

- For residents newly positive for COVID-19 through viral testing, you may now indicate if they received an additional or booster dose
- **ONLY** indicate if an additional or booster dose was received **AFTER** data for the initial series has been entered
- Data entry is similar to data entry for initial series vaccine doses
  - Pfizer, Moderna, and Janssen doses categorized by test type
  - The 14-day rule applies
Steps for Reporting Data in the RIFC Pathway Vaccination Status Section.

NHSN COVID-19 Module
Step 1: Access NHSN Home Page and Calendar View Page
### Step 2: Select Date

**COVID-19**

Click a cell to begin entering data on the day for which counts are reported.

<table>
<thead>
<tr>
<th></th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 16</td>
<td></td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
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<td></td>
<td>Resident</td>
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<td></td>
<td>Resident</td>
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<td>Supplies</td>
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<td>Therapeutics</td>
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<td>Jul 01</td>
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<td>03</td>
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<td>09</td>
<td>10</td>
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<td></td>
<td></td>
<td>Resident</td>
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<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>
Step 3: Enter the Current Census

“Current Census” is required before saving data entered in any pathway

1. **Resident Impact and Facility Capacity**

2. **ALL BEDS** (enter on first survey only, unless the total bed count has changed)

   * **CURRENT CENSUS:** Total number of beds that are occupied on the reporting calendar day
### Resident Impact for COVID-19 (SARS-CoV-2)

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMISSIONS:</td>
<td>Number of residents admitted or readmitted from another facility who were previously diagnosed with COVID-19 and continue to require transmission-based precautions. <em>Excludes recovered residents.</em></td>
</tr>
<tr>
<td>POSITIVE TESTS:</td>
<td>Enter the number of residents with a newly positive SARS-CoV-2 viral test result. <em>Include only residents newly positive since the most recent date data were collected for NHSN reporting.</em></td>
</tr>
</tbody>
</table>

Enter the count for each category.
Step 5: Enter Positive Test Count

Resident Impact for COVID-19 (SARS-CoV-2)

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. Include only residents newly positive since the most recent data collection date were collected for NHSN reporting.

Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result

** TEST TYPE CATEGORIES **

* Only include if additional tests were performed within 2 calendar days from initial test. Otherwise, count first test only.

** ** TEST TYPE: Based on the number reported for Positive Tests, enter the number of residents tested in each test type category. The total of counts reported in each category must be equal to the count(s) reported for Positive Tests.

** VACCINATION STATUS (FOR CALCULATED TOTAL CONFIRMED): For positives in each test type category, indicate how many residents received COVID-19 vaccination 14 days or more before the specimen collection date.
### Step 6: Enter Test Type

**Positive Tests:** 4

#### Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result

<table>
<thead>
<tr>
<th>TEST TYPE CATEGORIES</th>
<th>** Positive SARS-CoV-2 antigen test only [no other testing performed]</th>
<th>** Positive SARS-CoV-2 NAAT (PCR) [no other testing performed]</th>
<th>** Positive SARS-CoV-2 antigen test and negative SARS-CoV-2 NAAT (PCR)</th>
<th>** Any other combination of SARS-CoV-2 NAAT (PCR) and/or antigen test(s) with at least one positive test</th>
</tr>
</thead>
<tbody>
<tr>
<td>** TEST TYPE: **</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

** Positive SARS-CoV-2 antigen test only [no other testing performed]

- Based on the number reported for Positive Tests, enter the number of residents tested in each test type category. The total of counts reported in each category must be equal to the count(s) reported for Positive Tests.

*Only include if additional tests were performed within 2 calendar days from initial test. Otherwise, count first test only.*
**Step 7: Select Vaccination Status**

<table>
<thead>
<tr>
<th><strong>Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result</strong></th>
<th><strong>Test Type Categories</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TEST TYPE:</strong></td>
<td><em>Only include additional tests were performed within 2 calendar days from initial test. Otherwise, count first test only.</em></td>
</tr>
<tr>
<td><strong>TEST TYPE:</strong></td>
<td>Based on the number reported for Positive Tests, enter the number of residents tested in each test type category. The total of counts reported in each category must be equal to the count(s) reported for Positive Tests.</td>
</tr>
<tr>
<td><strong>VACCINATION STATUS (FOR CALCULATED TOTAL CONFIRMED):</strong> For positives in each test type category, indicate how many residents received COVID-19 vaccination 14 days or more before the specimen collection date.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Positive SARS-CoV-2 antigen test only [no other testing performed]</strong></th>
<th><strong>Positive SARS-CoV-2 NAAT (PCR) [no other testing performed]</strong></th>
<th><strong>Positive SARS-CoV-2 antigen test and negative SARS-CoV-2 NAAT (PCR)</strong></th>
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</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

8 selected
Step 7: Select Vaccination Status Continued
**Step 7: Select Vaccination Status Continued**

**VACCINATION STATUS (FOR CALCULATED TOTAL CONFIRMED):** For positives in each test type category, indicate how many residents received COVID-19 vaccination 14 days or more before the specimen collection date.

<table>
<thead>
<tr>
<th>Initial Series</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NOVACC - Not vaccinated with COVID-19 vaccine or first dose administered 13 days or less before the specimen collection date</td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>MODERNA1 - Only dose 1 of Moderna COVID-19 vaccine</td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>MODERNA - Dose 1 and dose 2 of Moderna COVID-19 vaccine</td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>PFIZBION1 - Only dose 1 of Pfizer-BioNTech COVID-19 vaccine</td>
<td><strong>0</strong></td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

5 selected

- **Check all**
- **Uncheck all**

- NOVACC - Not vaccinated with COVID-19 vaccine
- MODERNA1 - Only dose 1 of Moderna COVID-19 vaccine
- MODERNA - Dose 1 and dose 2 of Moderna COVID-19 vaccine
- PFIZBION1 - Only dose 1 of Pfizer-BioNTech COVID-19 vaccine
- JANSSEN - Dose of Janssen COVID-19 vaccine
- UNCONFIRMED - Dose of COVID-19 vaccine, not yet confirmed
Step 8: Enter Vaccine Counts

For the Test Type category “Positive SARS-CoV-2 antigen test only [no other testing performed]” a count of 2 was recorded.

In the Vaccination Status initial series section, there will need to be a count totaling 2 for the Vaccination Status options.
NEW!

Step 9: Enter Counts for Additional or Booster Dose

**For the vaccination status section of Additional or Booster Dose, enter the counts based on the counts recorded for the corresponding Test Type categories.**
**NEW!**

**Step 9: Enter Counts for Additional or Booster Dose Continued**

**For the vaccination status section of Additional or Booster Dose, enter the counts based on the counts recorded for the Test Type categories.**
**Step 10: Review Reported Vaccination Status Data and Complete Remainder of Form**

Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result

<table>
<thead>
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<tbody>
<tr>
<td><strong>TEST TYPE</strong>: Based on the number reported for Positive Tests, enter the number of residents tested in each test type category: The total of counts reported in each category must be equal to the count(s) reported for Positive Tests.</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

| **VACCINATION STATUS (FOR CALCULATED TOTAL CONFIRMED)**: For positives in each test type category, indicate how many residents received COVID-19 vaccination 14 days or more before the specimen collection date. | 2 selected |

**Initial Series**
- MODERNA - Dose 1 and ’2 of Moderna COVID-19 vaccine: **1**
- PFIZER - Dose 1 and ’2 of Pfizer-BioNTech COVID-19 vaccine: **1**

**Additional or Booster Doses**
- ADDORBOOST3 - *Additional dose or booster dose of COVID-19 vaccine (any manufacturer) received 14 days or more before the specimen collection date: **2**
Guidance Document

The **NHSN LTCF COVID-19 Module Web page** provides a guidance document for the Resident Impact and Facility Capacity Pathway Vaccination Status section updates.

### Facility Resources

- **Analysis Resources**
  - [How to Address COVID-19 Module Data Alerts](#) [PDF – 500 KB] – April 5, 2021
  - [Correcting COVID-19 Module Data](#) [PDF – 600 KB] – April 5, 2021
  - [How to Use NHSN LTCF COVID-19 Module Dashboard for Facility Users](#) [PDF – 600 KB]

- [How to Edit an Email Address in SAMS and the NHSN Facility](#) [PDF – 500 KB] – December 4, 2020

- [How to Change LTC Facility Type](#) [PDF – 300 KB]

- [How to Add a User in NHSN](#) [PDF – 800 KB] – October 5, 2020

- [How to Re-assign NHSN Facility Administrator](#) [PDF – 500 KB] – October 5, 2020

- [How to ADD and EDIT Facility CMS Certification Number (CCN) within NHSN](#) [PDF – 1 MB]

- [How to Join a Group and Accept the Confer Rights Template](#) [PDF – 400 KB]

- [Guidance to COVID-19 Module Data Entry Screen](#) [PDF – 500 KB] – May 19, 2021

- **New! Guidance to Resident Impact and Facility Capacity Pathway Vaccination Status Section** [PDF – 900 KB] – September 18, 2021
COVID-19 Module: Takeaways and Reminders

Do not report cumulative counts (for example, counts already reported to NHSN for the previous reporting week).

Report data into the COVID-19 Module at least once a week.
RIFC Vaccination Status: Takeaways and Reminders

- Sum of counts reported for Test Type must equal reported count(s) for Positive Tests for the reporting week.
- Sum of counts reported within the Vaccination Status initial series section must equal the count reported for the corresponding Test Type category.
- Sum of counts entered for Additional or Booster dose can not be more than the count entered for positive tests.
NHSN Helpdesk

★ If you have further questions and or concerns, please e-mail NHSN@cdc.gov
★ Add a brief description of your inquiry in the subject header
For more information, contact CDC
1-800-CDC-INFO (232-4636)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.