LTFC COVID-19 Module:
Surveillance Pathway
Updates

Date: May 2022

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

Presenter: Carla Cooper, DrPH, MPA
Program Analyst V, Goldbelt C6, LLC, Contractor
NCEZID, Division of Healthcare Quality Promotion, Surveillance Branch

cdc.gov/coronavirus
Understanding new updates included in the LTCF COVID-19 Module Surveillance Pathways
LTCF COVID-19 Module: 3 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
- Vaccination status
- Up-to-date status
- Deaths
- Influenza
- Testing availability
- Supplies and PPE shortages

Staff and Personnel Impact
- Newly Positive Tests
- COVID-19 Deaths
- Influenza
- Staffing Shortages

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

NHSN COVID-19 Module
Removing from the Pathway

- COVID-19 test type
- Vaccine manufacturer for primary vaccine series
- Vaccine manufacturer for additional or booster doses
- COVID-19 re-infections
  - Including symptomatic and asymptomatic
- Respiratory illness
- Influenza and COVID-19

The following questions will be removed as well:

- Since the last date of data entry in the Module, has your LTCF performed SARS-CoV-2 (COVID-19) viral testing on residents and/or staff?
- During the past two weeks, on average, how long did it take your LTCF to receive SARS-CoV-2 viral test results from NON-point-of-care tests?
**Positive tests**

**Previous Description:** Enter the number of residents with a newly positive SARS-CoV-2 viral test result. Include only residents newly positive since the most recent date data were collected for NHSN reporting.

**New Description:** 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.
**RIFC Pathway Positive tests**

- **Positive Tests**: Defined by NHSN as number of residents newly positive for COVID-19 based on a viral test result. The test result may be from a NAAT (PCR) or an antigen test. The definition includes residents with an NHSN defined re-infection.

- **Exclude** residents who have a **positive SARS-CoV-2 antigen test, but a negative SARS-CoV-2 NAAT (PCR)**.
  - The PCR will need to be performed within 2 calendar days (date of specimen collection is calendar day 1) of the initial antigen test for this rule to apply.
RIFC Pathway Positive tests

Example:
DHQP Nursing Home has 5 positive tests during this reporting week:

- 3 Positive Antigen tests
- 1 positive PCR
- 1 positive Antigen test and a **negative** PCR performed 1 day after the initial Antigen test

How many positive tests will DHQP nursing home report for this reporting week?

4
Vaccination Status: Primary Series

There will only be **3 options** for the Primary Series

- **Not Vaccinated**: not vaccinated with any COVID-19 Vaccine OR first dose was administered 13 days or less before the specimen collection date

- **Partial Vaccination**: received Only 1-dose of a two-dose mRNA vaccine

- **Complete Primary Vaccination Series**: received Dose 1 and Dose 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.

★ Manufacturer type no longer included
RIFC Pathway: Revised Data Elements

Testing Availability

There will be only **one** question regarding testing availability

- **Testing Availability:** Does the LTCF have the ability to perform or to obtain resources for performing SARS-CoV-2 viral testing (NAAT [PCR] or antigen) on all residents, staff and facility personnel if needed?

★ Simplified to 1 question inquiring about testing availability for **Residents AND Staff**
**RIFC Pathway: Newly Added Data Elements**

**Additional or Booster Vaccination**

- Remains the same, no changes to this data element and how data is reported
  - 2 sub-categories have been added for Additional or Booster Vaccination
    - **One Booster:** residents who have received only one booster AND 14 days or more have passed before the specimen collection date
    - **Two or More Boosters:** residents who have received two or more booster doses since March 29, 2022, AND 14 days or more have passed before the specimen collection date
RIFIC Pathway: Newly Added Data Elements

Example

Positive Tests: 5

Additional or Booster Vaccination: 3

- One Booster: 2
- Two or More Boosters: 1

★ The Sum of One Booster and Two or More Boosters must be less than or equal the count entered for Additional or Booster Vaccination

In this example, One Booster Two or More Boosters could be recorded as 0, 1, 2, or 3 (less than or equal to Additional or Booster Vaccination)
RIFC Pathway: New Additional Data Elements

Up-to-Date Vaccination Status

- **Up to Date:** Include residents who are up-to-date with COVID-19 vaccines 14 days or more before the specimen collection date.

Note: Please review NHSN's surveillance definition of Up to date: [https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf)

For reference, review the CDC definition of up-to-date at the following webpage: [https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html](https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html)

Please note that this definition is subject to change based on CDC recommendations.
Supplies and PPE Shortages

Urgent Need: Indicate if the facility will no longer have any PPE supply items in 7 days

**NEW**

YES

Urgent Need: Indicate if the facility will no longer have the PPE supply item in 7 days

- Face Masks
- N95 Respirator

NO

No further questions for PPE supply items

- Gloves
- Gowns
- Eye Protection
Vaccination Status

Revised reporting procedure: Primary Series and Additional or Booster Dose
“Vaccination status” of residents newly positive for SARS-CoV-2 through viral testing methods is reported in the Resident Impact and Facility Capacity Pathway.

- **NOT** to be confused with the weekly COVID-19 vaccination summary data used to report cumulative vaccination coverage for residents who have received COVID-19 vaccination at the facility or elsewhere.
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.
RIFC 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 (partial vaccination).
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
Primary Series

- **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 of a two-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 Dose *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.
Primary Series: Reporting Example

DHQP nursing home reported 8 *Positive Tests* for the reporting week

- 1 resident has **not** received any COVID-19 Vaccine
- 1 resident received the **FIRST dose of a 2-dose series vaccine 10 days before** the specimen collection date
- 2 residents received **dose 2 of a 2-dose series vaccine 12 days before** the specimen collection date
- 3 residents received **dose 2 of a 2-dose series vaccine 45 days before** the specimen collection date
- 1 resident received **dose 1 of a 1-dose series vaccine 62 days before** the specimen collection date
How will DHQP record the Primary Series vaccination status of these residents?

<table>
<thead>
<tr>
<th>PRIMARY SERIES:</th>
<th>Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.</td>
<td></td>
</tr>
<tr>
<td><strong>Not Vaccinated</strong>: 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.</td>
<td>2</td>
</tr>
<tr>
<td><strong>Partial Vaccination</strong>: Include residents who have received Only 1-dose of a two-dose mRNA vaccine (for example, Moderna, Pfizer-BioNTech, or dose 1 of unspecified COVID-19 vaccine).</td>
<td>2</td>
</tr>
<tr>
<td><strong>Complete Primary Vaccination Series</strong>: 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.</td>
<td>4</td>
</tr>
<tr>
<td>&quot;second dose received 14 days or more before the specimen collection date; otherwise, count as only dose 1.&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Primary Series**

<table>
<thead>
<tr>
<th>Primary Series</th>
<th>Vaccination Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Not Vaccinated</strong>: 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.</td>
<td>2</td>
</tr>
<tr>
<td><strong>Partial Vaccination</strong>: Include residents who have received Only 1-dose of a two-dose mRNA vaccine (for example, Moderna, Pfizer-BioNTech, or dose 1 of unspecified COVID-19 vaccine).</td>
<td>2</td>
</tr>
<tr>
<td><strong>Complete Primary Vaccination Series</strong>: 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.</td>
<td>4</td>
</tr>
<tr>
<td>&quot;second dose received 14 days or more before the specimen collection date; otherwise, count as only dose 1.&quot;</td>
<td></td>
</tr>
</tbody>
</table>
Primary Series: Reporting Example

DHQP nursing home reported 8 *Positive Test* for the reporting week

- 1 resident has **not** received any COVID-19 Vaccine  *(Not Vaccinated)*
- 1 resident received the **FIRST dose** of a 2-dose series vaccine **10 days before** the specimen collection date *(Not Vaccinated)*
- 2 residents received **dose 2 of a 2-dose series vaccine** **12 days before** the specimen collection date *(Partial Vaccination)*
- 3 residents received **dose 2 of a 2-dose series vaccine** **45 days before** the specimen collection date *(Complete Primary Series Vaccination)*
- 1 resident received **dose 1 of a 1-dose series vaccine** **62 days before** the specimen collection date *(Complete Primary Series Vaccination)*
Additional or Booster Vaccination

- For residents newly positive for COVID-19 through viral testing, indicate if they received an additional or booster dose
- **ONLY** indicate if an additional or booster dose was received **AFTER** data for the Primary Series has been entered
- The count entered for *Additional or Booster Vaccination* must be less than or equal to the count entered for *Complete Primary Series vaccination*
- 14-day rule applies
Additional Dose or Booster Dose Example

DHQP nursing home reported a count of 4 for the Primary Series vaccine option *Complete Primary Vaccination Series* for the reporting week

- One resident received an additional dose of COVID-19 Vaccine 5 days before the specimen collection date
- One resident received an additional dose of COVID-19 Vaccine 22 days before the specimen collection date
- One resident received a booster dose of COVID-19 Vaccine 90 days before the specimen collection date
- One resident received a second booster dose of COVID-19 Vaccine 16 days before the specimen collection date
Additional or Booster Dose Example

How will DHQP record the *Additional or Booster vaccination* count for these residents?

<table>
<thead>
<tr>
<th>ADDITIONAL OR BOOSTER DOSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional or Booster Vaccination: Include newly positive residents who have received any additional dose(s) or booster dose(s) of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date. Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.</td>
</tr>
</tbody>
</table>

One resident received an additional dose of COVID-19 Vaccine 5 days before the specimen collection date.
Additional or Booster Dose: New Subfields Added

One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer)

Two or More Boosters: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 (any manufacturer)

- 14 days or more have passed before the specimen collection date
- The sum of these counts must be less than or equal to the count reported for Additional or Booster Vaccination
One Booster and Two or More Boosters Example

DHQP nursing home reported a count of 3 for the *Additional or Booster Vaccination* field for the reporting week:

- One resident received an **additional dose 22 days before** the specimen collection date.
- One resident received a **booster dose 90 days before** the specimen collection date.
- One resident received a **second booster dose** of COVID-19 Vaccine **16 days before** the specimen collection date. The resident received the second booster on April 12th 2022.
One booster and Two or More Boosters Example

How will DHQP record counts for *One Booster* and *Two or More Boosters* for these residents?

<table>
<thead>
<tr>
<th>Booster Doses</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>One Booster</strong>: Include residents who have received <em>only one booster dose</em> of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date.</td>
<td>1</td>
</tr>
<tr>
<td><strong>Two or More Boosters</strong>: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 AND 14 days or more have passed before the specimen collection date.</td>
<td>1</td>
</tr>
</tbody>
</table>

One resident received an *additional dose*
One Booster and Two or More Boosters Example 2

DHQP nursing home reported a count of 4 for the *Additional or Booster Vaccination* field for the reporting week

- One resident received an **additional dose 57 days before** the specimen collection date
- One resident received a **booster dose 60 days before** the specimen collection date
- One resident received a **second booster dose** of COVID-19 Vaccine **20 days before** the specimen collection date. The resident received the second booster on April 26th 2022
- One resident received a **second booster dose** of COVID-19 Vaccine **30 days before** the specimen collection date. The resident received the second booster on May 10th 2022
**One booster and Two or More Boosters Example**

How will DHQP record counts for *One Booster* and *Two or More Boosters* for these residents?

**ADDITIONAL OR BOOSTER DOSES**

<table>
<thead>
<tr>
<th>Definition</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional or Booster Vaccination: Include newly positive residents who have received any additional dose(s) or booster dose(s) of COVID-19 vaccine (any manufacturer) <strong>AND</strong> 14 days or more have passed before the specimen collection date.</td>
<td></td>
</tr>
<tr>
<td>Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.</td>
<td></td>
</tr>
</tbody>
</table>

**BOOSTER DOSES**

<table>
<thead>
<tr>
<th>Definition</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer) <strong>AND</strong> 14 days or more have passed before the specimen collection date.</td>
<td></td>
</tr>
<tr>
<td>Two or More Boosters: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 <strong>AND</strong> 14 days or more have passed before the specimen collection date.</td>
<td></td>
</tr>
</tbody>
</table>

- **One resident received an additional dose**
- **One resident received one booster dose**
- **2 residents received 2 or more boosters after March 29, 2022**

One Booster + Two or More Boosters \(\leq\) Additional or Booster Vaccination
Up-to-date Vaccination Status

**Up to Date:** Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date.

**Note:** Please review NHSN's surveillance definition of Up to date [https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf)
Up-to-date Vaccination Status Example

DHQP nursing home reported a count of 4 for the Primary Series vaccine option *Complete Primary Vaccination Series* for the reporting week

- One resident received a Booster **dose 6 months after** they received the primary series. This Booster was received **22 days before** the specimen collection date.

- One resident received a **booster dose 12 months after** they received the primary series of COVID-19 Vaccine. This booster was received **90 days before** the specimen collection date.

- One resident received a **second booster dose 8 months after** they received the primary series of COVID-19 Vaccine. This booster was received **16 days before** the specimen collection date.
Up-to-date Vaccination Status Example

How will DHQP record counts for *Up-to-date Vaccination Status* for these residents?

---

**Up to Date Vaccination Status**

*Up to Date:* Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date.

*Note:* Please review the current definition of up to date:

---

**Up to Date Vaccination Status**

*Up to Date:* Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date.

*Note:* Please review the current definition of up to date
*Stay Up to Date with Your COVID-19 Vaccines | CDC*
Testing Availability

Revised reporting procedure
RIFC Pathway SARS-CoV-2 Testing

- **Testing Availability:** Does the LTCF have the ability to perform or to obtain resources for performing SARS-CoV-2 viral testing (NAAT [PCR] or antigen) on all residents, staff and facility personnel if needed?
  - Question has been revised to inquire about testing availability for residents **AND** staff
  - Select **YES** if your facility has the ability to perform or obtain resources for performing testing
  - Select **NO** if your facility does **NOT** have the ability to perform or obtain resources for performing testing
PPE Shortages

Added to the RIFC pathway
### RIFC Pathway: Supplies and PPE Shortages

**Urgent Need:** Indicate if facility will no longer have any PPE supply items in 7 days

- Depending on the answer to this question, further selections will populate
- Select YES if your facility has an urgent need for the PPE Supply items listed
- If YES is selected, please indicate which supply items have an urgent need

<table>
<thead>
<tr>
<th>Infection Control Supply Item</th>
<th><strong>Urgent Need:</strong> Indicate if facility will no longer have the PPE supply item in 7 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>N95 Respirator</td>
<td>☐ YES ☐ NO</td>
</tr>
<tr>
<td>Face mask</td>
<td>☐ YES ☐ NO</td>
</tr>
<tr>
<td>Eye Protection, including goggles or face shields</td>
<td>☐ YES ☐ NO</td>
</tr>
<tr>
<td>Gowns</td>
<td>☐ YES ☐ NO</td>
</tr>
<tr>
<td>Gloves</td>
<td>☐ YES ☐ NO</td>
</tr>
</tbody>
</table>

If you have an urgent need, please select YES.

If you do NOT have an urgent need, please select NO.

If your facility does have an urgent PPE need, please select YES or NO for the following items.
RIFC Pathway: Supplies and PPE Shortages

If YES is selected, indicate each supply item in which you have an urgent need for supplies.

If NO is selected, you will not need to enter any further information for PPE supply items. The follow up questions will not populate if NO is selected.
Steps for Reporting Data in the RIFC Pathway Vaccination Status Section

Step-by-step process
Step 1: Access NHSN Home Page and Calendar View Page
**Step 2: Select Date**

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>01</td>
<td>02</td>
<td>03</td>
<td>04</td>
<td>05</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>07</td>
<td>08</td>
<td>09</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
</tbody>
</table>

- **Record Complete**
- **Record Incomplete**

**Notes:**
- Resident
- Staff
- Supplies
- Therapeutics

**Legend:**
- Green: Record Complete
- Yellow: Record Incomplete
Step 3: Enter the Current Census

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

[Image of a form with sections for Resident Impact and Facility Capacity, Staff and Personnel Impact, and Therapeutics.]

1. Add COVID-19 Data
2. Facility Capacity:
   - **ALL BEDS**
   - **CURRENT CENSUS:** Total number of beds that are occupied on the reporting calendar day
Step 4: Enter Admission Count

**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.*
Step 5: Enter Positive Test count

**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.

**Remember**

Do **NOT** include residents who:
- Have had a positive antigen test and negative PCR within 2 calendar days
  - Day of specimen collection is calendar day 1
Step 6: Enter Counts for the Primary Series

Vaccination Status

The sum of the counts entered for the Primary Series must equal the count entered for positive tests.

<table>
<thead>
<tr>
<th>PRIMARY SERIES</th>
<th>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</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Partial Vaccination: Include residents who have received Only 1-dose of a two-dose mRNA vaccine (for example, Moderna, Pfizer-BioNTech, or dose 1 of unspecified COVID-19 vaccine).</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Complete Primary Vaccination Series: Include residents who have received Dose 1 and Dose 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.</td>
<td>2</td>
</tr>
</tbody>
</table>

**Note**: The second dose received 14 days or more before the specimen collection date; otherwise, count as only dose 1.
Step 7: Enter Counts for Additional or Booster Vaccination

If the count for *Complete Primary Vaccination Series* is greater than "0," a count is required for *Additional or Booster Vaccination*

The count entered for *Additional or Booster Vaccination* must be less than or equal to the count entered for *Complete Primary Vaccination Series*

- In this case, *Additional or Booster Vaccination* could be a number from 0-2

**For the Additional or Booster Vaccination, enter the counts based on the counts recorded for Complete Primary Vaccination Series.**
NEW!

Step 8: Enter Counts for Booster Doses

**ADDITIONAL OR BOOSTER DOSES**

Addisonal or Booster Vaccination: Include newly positive residents who have received any additional dose(s) or booster dose(s) of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date.

Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.

**BOOSTER DOSES**

Residents who received at least one or more booster dose of COVID-19 vaccine:

Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.

- One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date.

- Two or More Boosters: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 AND 14 days or more have passed before the specimen collection date.

- The sum of the counts entered for One Booster and Two or More Boosters, must be less than or equal to the count entered for Additional or Booster Vaccination
NEW! Step 9: Enter count for Up-to-date

- The count entered for **Up-to-Date** must be less than or equal to the count entered for **Complete Primary Series Vaccination**.
**Step 10: Review Reported Vaccination Status Data and Complete Remainder of Form**

### 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.
- **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 NHIN reporting.

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

**PRIMARY SERIES:**
- 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 of a two-dose mRNA vaccine (for example, Moderna, Pfizer-BioNTech, or dose 1 of an unspecified COVID-19 vaccine).
- Complete Primary Vaccination Series: Include residents who have received dose 1 and dose 2 of a two-dose mRNA vaccine (for example, Moderna or Pfizer-BioNTech, or dose 1 and 2 of an 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.

**ADDITIONAL OR BOOSTER DOSES**
- Additional or Booster Vaccination: Include newly positive residents who have received any additional dose(s) or booster dose(s) of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date.
  - Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.

**BOOSTER DOSES**
- One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date.
- Two or More Boosters: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 AND 14 days or more have passed before the specimen collection date.

**Up to Date:** Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date.

*Note: Please review the current definition of up to date.*

Guidance Document

UPDATE!
Staff and Personnel Impact form revisions

TEST TYPE AND RE-INFECTIONS
Data elements have been removed
Additional Staff and Personnel Impact form revisions

Staff and Personnel Impact for Non-COVID-19 Respiratory Illness AND Co-Infections
Data elements have been removed
NEW!
Staff and Personnel Impact form revisions

**ADDED**
Drop down box with "Yes" or "No" option
...Continued

Staff and Personnel Impact form revisions

Selecting "Yes" prompts drop boxes to detail shortages for staff and personnel groups
Supplies and Personal Protective Equipment Pathway Updates

NHSN COVID-19 Module
UPDATE!
Supplies and Personal Protective Equipment has been removed
NSHN COVID-19 Module Resources
Tips for NHSN Reporting: COVID-19 Surveillance Pathways

- Report in the pathway at least 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 NHSN LTCF COVID-19 Module web page for reporting resources

On This Page
- Enrollment & Data Security
- Group CSV Data Import
- Training
- POC CSV Data Import
- CMS Requirements
- Facility Resources
- Forms & Instructions
- Group Resources
- Facility CSV Data Import

Data Collection Forms and Instructions

Resident Impact and Facility Capacity
- COVID-19 Resident Impact and Facility Capacity Pathway Form (57.144) [PDF - 100 KB] (print-only)
  - Table of Instructions (57.144) [PDF - 350 KB]

Staff and Personnel Impact
- COVID-19 Staff and Personnel Impact Pathway Form (57.145) [PDF - 120 KB] (print-only)
  - Table of Instructions (57.145) [PDF - 250 KB]

Therapeutics
- COVID-19 Resident Therapeutics Form (57.158) [PDF - 100 KB] (print-only)
  - Table of Instructions (57.158) [PDF - 320 KB]
Resources for Importing Data

Visit NHSN 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]

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

#### RIFC File Layout for CSV Upload

<table>
<thead>
<tr>
<th>Field</th>
<th>Requirement</th>
<th>Values</th>
<th>Format</th>
<th>Description of Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>collectionDate</td>
<td>Optional</td>
<td>-</td>
<td>mm/dd/yyyy</td>
<td>Date for which patient counts are reported:</td>
</tr>
<tr>
<td>numread</td>
<td>Optional</td>
<td>0 to 3000</td>
<td>Must be a whole number</td>
<td>ADMISSIONS: Residents admitted or readmitted from another facility who were previously diagnosed with COVID-19 and continue to require transmission-based precautions. Excludes recovered residents.</td>
</tr>
<tr>
<td>numresdied</td>
<td>Optional</td>
<td>0 to 10000</td>
<td>Must be a whole number</td>
<td>TOTAL DEATHS: Residents who have died for any reason in the facility or another location.</td>
</tr>
<tr>
<td>numresc19died</td>
<td>Optional</td>
<td>0 to 10000</td>
<td>Must be a whole number</td>
<td>COVID-19 DEATHS: Of the number of reported Total Deaths, reports the number of residents with COVID-19 who died in the facility or another location.</td>
</tr>
<tr>
<td>numltcfbeds</td>
<td>Optional</td>
<td>0 to 3000</td>
<td>Must be a whole number</td>
<td>ALL BEDS (FIRST SURVEY ONLY): Total number of beds within the certified Medicare and/or Medicaid long-term care facility.</td>
</tr>
<tr>
<td>numltcfbedsocc</td>
<td>Optional</td>
<td>0 to 3000</td>
<td>Must be a whole number</td>
<td>CURRENT CENSUS: Total number of beds that are occupied on the reporting calendar day.</td>
</tr>
<tr>
<td>Pesc19testability</td>
<td>Optional</td>
<td>-</td>
<td>Yes or No</td>
<td>TESTING RESIDENT: Does the LTCF have the ability to perform or to obtain resources for performing SARS-CoV-2 viral testing (nucleic acid/PCR or antigen) on all current residents within the next 7 days, if needed?</td>
</tr>
</tbody>
</table>

---

**Example Data**

<table>
<thead>
<tr>
<th>collection</th>
<th>numread</th>
<th>numresdied</th>
<th>numresc19died</th>
<th>numltcfbeds</th>
<th>Pesc19testability</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/6/2021</td>
<td>50</td>
<td>4</td>
<td>2</td>
<td>125</td>
<td>No</td>
</tr>
</tbody>
</table>
COVID-19 Module: Takeaways and Reminders

- Do not report cumulative counts (Report only **new counts** since the last time counts were collected for reporting to NHSN).

- Report data into the COVID-19 Module **at least** once a week.
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.