Resident Impact and Facility Capacity Pathway: Reporting Vaccination Status of Residents with a Newly Positive SARS-CoV-2 Viral Test Result

Description

The Long-term Care Facility (LTCF) COVID-19 Resident Impact and Facility Capacity Pathway vaccination status section has been updated to enhance the reporting of vaccination status of residents with a newly positive SARS-CoV-2 viral test result. This document also provides instructions for reporting additional or booster doses received by residents with a newly positive SARS-CoV-2 viral test result. Within this guidance document, a combination of instructions and screen shots are used to illustrate the steps for navigating and reporting these data through manual data entry in the NHSN application. In addition to this guidance document, users are encouraged to use the Resident Impact and Facility Capacity data collection form Table of Instructions, which is located on the LTCF COVID-19 webpage under data collection forms and instructions.

INSTRUCTIONS

Select Module—After logging into the LTCF NHSN component, select “COVID-19 > Pathway Data Reporting” from the menu bar to get to the COVID-19 Module calendar view for surveillance pathway reporting.

Step 1: Select Date – From the calendar view page, select the date for which data will be reported.
Step 2: Select Pathway – Select the Resident Impact Facility Capacity Pathway where the data will be entered.

Step 3: Current Census - Enter the current census to reflect the number of residents occupying a bed in the facility on the day for which data are being reported.

Step 4: Admissions – Enter the number of new admissions and readmissions that occurred since the last time these counts were collected for reporting to NHSN.

Step 5: Positive Tests – Enter the number of residents with a newly positive SARS-CoV-2 viral test result since the last time these counts were collected for reporting to NHSN. **Note:** If the number of Positive Tests is greater than “0” data entry for Vaccination Status section will be required (this includes the initial series section and additional or booster dose section), as indicated by the red asterisks.

**Important note:** If the count entered for Positive Tests is greater than 0, the Initial Series of the vaccination status section as well as the Additional or Booster dose of the vaccination status section will be required. Please enter counts in the Initial Series section first and then move on to enter counts in the Additional or Booster Dose section.
**Step 6: Test Type** – Based on the number of reported *Positive Tests*, enter the counts for each Test Type Category.

**Important:** The sum of the Test Type categories must be equal to the number of reported *Positive Tests*.
Step 7: Vaccination Status – Based on the number of reported Positive Tests, click on the drop-down menu and select the corresponding Vaccination Status option(s).

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

<table>
<thead>
<tr>
<th>TEST TYPE</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>
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</thead>
<tbody>
<tr>
<td>2</td>
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</table>

**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 counts 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.

8 selected

Users may select one or more options from the drop-down menu. Select only the vaccine option(s) that are appropriate based on the reported Positive Tests during the reporting week.

There is also the option to “check all” in which all vaccination status options will auto-check.
The checked vaccination status options will then appear on the left-hand side of the reporting screen.

**Step 8: Enter Counts** - For each populated vaccination status option, enter the counts based on the counts recorded for the Test Type categories. For example, 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 within the Initial Series section.

**Important Reminder:** As illustrated, the Test Type category for “Positive SARS-CoV-2 antigen test and negative SARS-CoV-2 NAAT (PCR)” is greyed out. While counts for Positive Tests include all newly positives for all test types for the reporting period, this test type represents a probable false positive antigen test result and therefore, counts in this category are removed (by NHSN) from the Calculated Total Confirmed count. As such, Vaccination Status is not considered for residents newly positive via “Positive SARS-CoV-2 antigen test and negative SARS-CoV-2 NAAT (PCR).”
Step 9: Enter Counts for Additional or Booster Dose(s) - For the vaccination status section of Additional or Booster Dose, enter the counts based on the counts recorded for the Test Type categories. For example, 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 Additional or Booster Dose section, there will need to be a count recorded that is less than or equal to 2. This indicates the number of residents with a newly positive SARS-CoV-2 viral test result along with the type of test that was performed and have also received an additional or booster dose of COVID-19 Vaccine. The count for the Additional or Booster dose will need to be equal to or less than the count entered for the corresponding test type. (in this example, the count can be 0, 1, or 2).

Important Notes:
- Only indicate if an additional or booster dose was received After data for the initial series has been entered.
  - For example, if a resident is reported as receiving an additional or booster dose, they should also be counted in the initial series section.

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Step 10: Review Reported Vaccination Status Data and Complete Remainder of Form - The screen shot below is an example of complete data entry (this includes “0” when applicable) for the Vaccination Status Section

Reminders:
- Sum of counts reported for Test Type must equal reported count(s) for Positive Tests for the reporting period.
- Sum of counts reported within the Vaccination Status Initial Series section must equal the count reported for the corresponding Test Type category.
- The counts reported for Additional or Booster Doses must be less than or equal to the count reported for the corresponding Test Type category.
Interpretation: For the Test Type category “SARS-CoV-2 antigen test only [no other testing performed],” a count of 2 was reported. The sum of Vaccination Status Initial Series count for this Test Type category was also 2, with a 1 reported for “MODERNA” and a 1 reported for “PFIZBION”. In other words, out of the 4 residents reported for Positive Tests (newly positive for SARS-CoV-2 for this reporting period), two of the residents were positive via SARS-CoV-2 antigen testing only, and out of these two residents:

- One resident received dose 1 and 2 of the Moderna vaccine, with the second dose being received 14 days or more before the specimen collection date of the newly positive SARS-CoV-2 viral test result.
- One resident received dose 1 and 2 of the Pfizer vaccine, with the second dose being received 14 days or more before the specimen collection date of the newly positive SARS-CoV-2 viral test result.
- Both residents received an additional or booster dose of COVID-19 vaccine 14 days or more before the specimen collection date of the newly positive SARS-CoV-2 viral test result.