LTCF COVID-19 Module: Therapeutics Pathway

Date: June 2021

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cdc.gov/coronavirus
Apply the NHSN criteria to surveillance data reporting in the Therapeutics pathway of the LTCF COVID-19 Module
LTCF COVID-19 Module: 5 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 & Personal Protective Equipment (PPE)
  - PPE supply availability
  - Alcohol-based hand rub

- Ventilator Capacity and Supplies
  - Ventilator availability
  - Use by COVID-19 for residents
  - Supply availability

- Therapeutics
  - Residents treated
  - In-house stock
  - Stock stored outside the LTCF

LTCF COVID-19 Pathways
Tips for NHSN Reporting in the Therapeutics 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
- Enter a 0 for any Therapeutics that were not given during the reporting week

**Important!** Facilities reporting to NHSN do 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
View Data Collection Forms and Form Instructions

NHSN Home Page > COVID-19 > Pathway Data Reporting > Calendar View Opens
Use Arrow Icons to Navigate Dates

• Calendar will default to current month
• Use Arrow icons to navigate
Options for Therapeutics Pathway Data Reporting

1. Importing CSV files
2. Manual Data entry

Groups; Facility
Resources for Importing Data

Visit NSHN LTCF COVID-19 Module web-page

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

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

#### CSV Template

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>collection</td>
<td>therapeutic</td>
<td>treat</td>
<td>from</td>
<td>treat</td>
</tr>
<tr>
<td>BAMLAN</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CASIMDEV</td>
<td>4</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BAMETES</td>
<td>5</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Facility - Importing COVID-19 Using a .csv File for LTC Therapeutics

**Summary Data**

<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>Required</td>
<td>-</td>
<td>mm/dd/yyyy</td>
<td>Date for which patient counts are reported: Therapeutic administered. Note: Use a separate row for each Therapeutic. If a facility is administering all three therapeutics there will be 3 rows for the facility.</td>
</tr>
<tr>
<td>therapeutic</td>
<td>Required</td>
<td>BAMLAN – for Bamlanivimab (Lilly)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>CASIMDEV – for Casirivimab/imdevimab (Regeneron)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BAMETES for Bamlanivimab/etesevimab (Lilly)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>treat</td>
<td>Conditionally Required</td>
<td>Must be &lt;=3000</td>
<td>Must be a whole number</td>
<td>How many residents were treated from stock stored at this facility?</td>
</tr>
<tr>
<td>treat</td>
<td>Conditionally Required</td>
<td>Must be &lt;=3000</td>
<td>Must be a whole number</td>
<td>How many residents were treated from stock that was stored at another facility, such as an infusion center?</td>
</tr>
</tbody>
</table>
Manual Data Entry
Therapeutics Pathway

NHSN COVID-19 Module
COVID-19 Module: Therapeutics Pathway

Date for which counts are reported: 05/12/2021
Facility Type: LTC-SKILLNURS

- Resident Impact and Facility Capacity
- Staff and Personnel Impact
- Supplies and Personal Protective Equipment
- Ventilator Capacity and Supplies

Edit COVID-19 Data
Therapeutics Pathway

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

Facility Capacity

<table>
<thead>
<tr>
<th>ALL BEDS (enter on first survey only, unless the total bed count has changed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
</tr>
</tbody>
</table>

*CURRENT CENSUS: Total number of beds that are occupied on the reporting calendar day

| 100 |

Resident Impact and Facility Capacity | Staff and Personnel Impact | Supplies and Personal Protective Equipment | Ventilator Capacity and Supplies | Therapeutics

Select to enter "Current Census"
What is a Therapeutic?

- **Therapeutic** is defined as a treatment, therapy, or drug. Monoclonal antibodies are examples of anti-SARS-CoV-2 antibody-based therapeutics used to help the immune system recognize and respond more effectively to the COVID-19 virus.
  - *Casirivimab + imdevimab* (Regeneron)
  - *Bamlanivimab + etesevimab* (Lilly)

- **Sotrovimab** will be added to the NHSN application in the future, the date has not yet been determined.

⭐ These therapeutics are not vaccines or related to vaccinations.
Therapeutics Pathway

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:

<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>Casirivimab/imdevimab (Regeneron)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bamlanivimab/etesevimab (Lilly)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bamlanivimab alone (Lilly)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mandatory fields marked with ✶

Bamlanivimab alone (Lilly) will no longer be available to report data beginning in July 2021
Bamlanivimab (Lilly)

- The Emergency Use Authorization for Bamlanivimab (Lilly) has been revoked.
- Bamlanivimab (Lilly) will no longer be available in the Therapeutics Pathway for data reporting beginning in July of 2021.

This option will be removed from the pathway.

<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>Casirivimab/imdevimab (Regeneron)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bamlanivimab/etesevimab (Lilly)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bamlanivimab alone (Lilly)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Bamlanivimab plus Etesevimab (Lilly): Paused in Various States

⭐ It is recommended that several states use the alternative authorized monoclonal antibody therapy, casirivimab and imdevimab (Regeneron).

⭐ Data is showing that bamlanivimab and etesevimab administered together are not active against the P.1 variant

⭐ The pauses in distribution are subject to change
Therapeutics Pathway

For this reporting week, how many residents were administered the therapeutic based on stock stored at your LTCF?

Example: infusion nurse comes to the LTCF to administer therapeutic that was available and stored at the LTCF

For this reporting week, how many residents were administered the therapeutic based on stock that was stored at another facility?

Example: infusion nurse brings therapeutic to the LTCF to administer to resident
Therapeutics Pathway: Case Study 1 – DHQP Nursing Home

*Therapeutic pathway data are reported on Fridays of each reporting week for DHQP Nursing Home*

For the reporting week of May 14th, the following residents received a therapeutic:

- Resident A received Casirivimab plus imdevimab (Regeneron) on 5/10 from stock stored at the LTCF.
- Resident B is transferred to the hospital where the resident received Casirivimab plus imdevimab (Regeneron) after admission, on 5/11.
- Resident C received an infusion of bamlanivimab plus etesevimab (Lilly) on 5/12 from an infusion nurse who brought the therapeutic to the LTCF from an outside pharmacy.
- Resident D received bamlanivimab plus etesevimab (Lilly) at the local emergency department on 5/12.

No other residents received therapeutics during this reporting week
Therapeutics Pathway: Case Study 1, data reported for DHQP Nursing Home for the reporting week

**Add COVID-19 Data**

Date for which counts are reported: 5/14/21
Facility Type: LTC-SKILLNURS

<table>
<thead>
<tr>
<th>Resident Impact and Facility Capacity</th>
<th>Staff and Personnel Impact</th>
<th>Supplies and Personal Protective Equipment</th>
<th>Ventilator Capacity and Supplies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Therapeutics</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

<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>Casirivimab/imdevimab (Regeneron)</td>
<td>★ 1</td>
<td>★ 1</td>
</tr>
<tr>
<td>Bamelanvimab/ctelevimab (Lilly)</td>
<td>★ 0</td>
<td>★ 2</td>
</tr>
<tr>
<td>Bamelanvimab alone (Lilly)</td>
<td>★ 0</td>
<td>★ 0</td>
</tr>
</tbody>
</table>

Mandatory fields marked with ★
Therapeutics Pathway: Case Study 1, data reported for DHQP Nursing Home for the reporting week

### Resident Impact and Facility Capacity

<table>
<thead>
<tr>
<th>Therapeutic</th>
<th>How many residents from stock stored at this facility</th>
<th>Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casirivimab/imdevimab (Regeneron)</td>
<td>1</td>
<td>CURRENT CENSUS: Total number of beds that are occupied on the reporting calendar day is required.</td>
</tr>
<tr>
<td>Bamlatrivimab/etesevimab (Lilly)</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Bamlatrivimab alone (Lilly)</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Mandatory fields marked with *
Therapeutics Pathway: Case Study 1, data reported for DHQP Nursing Home for the reporting week, continued
Therapeutics Pathway: Case Study 2 – DHQP Nursing Home

*Therapeutic pathway data are reported on Fridays of each reporting week for DHQP Nursing Home*

For the reporting week of May 21st, the following residents received a therapeutic:

- Resident A received Bamlanivimab and etesevimab (Lilly) on 5/18 from stock stored at the LTCF.
- Resident B received Casirivimab and imdevimab (Regeneron) at an infusion center in which the stock came from the infusion center and was administered in the infusion center on 5/19.
- Resident C received an infusion of Bamlanivimaband etesevimab (Lilly) on 5/17 from an infusion nurse who brought the therapeutic from an outside pharmacy.

No other residents received therapeutics during this reporting week.
Therapeutics Pathway: Case Study 2, data reported for DHQP Nursing Home for the reporting week

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:

<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>Casirivimab/imdevimab (Regeneron)</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Bamlanivimab/etesevimab (Lilly)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Bamlanivimab alone (Lilly)</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
Therapeutics Pathway: Case Study 2, data reported for DHQP Nursing Home for the reporting week

**Date for which counts are reported:** 5/21/21

**Facility Type:** LTC-SKILLNURS

**Resident Impact and Facility Capacity**

**Staff and Personnel Impact**

**Supplies and Personal Protective Equipment**

**Ventilator Capacity and Supplies**

**Therapeutics**

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:

<table>
<thead>
<tr>
<th>Therapeutic</th>
<th>How many ran out from stock or placed on backorder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casirivimab/Imdevimab (Regeneron)</td>
<td>0</td>
</tr>
<tr>
<td>Bamlanivimab/Etesevimab (Lilly)</td>
<td>1</td>
</tr>
<tr>
<td>Bamlanivimab alone (Lilly)</td>
<td>0</td>
</tr>
</tbody>
</table>

Message: Successfully saved record.

Mandatory fields marked with *
Take aways and reminders

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

- Therapeutics in this pathway are NOT vaccines and should not be confused with vaccine counts.
Takeaways and reminders

The NHSN application will be updated accordingly with changes in available therapies.

- If 0 residents received therapeutics during the reporting week, then please enter a 0 for all listed therapeutic options.

- A response is required for both data elements for each Therapeutic administered during the reporting week.
NHSN Helpdesk

★ If you have further questions and or concerns, please send an e-mail to 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.