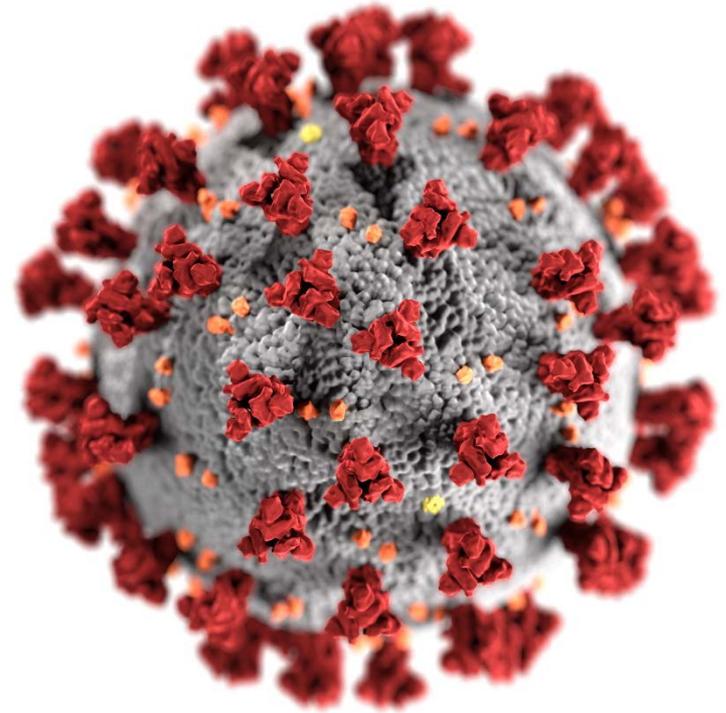


LTCF COVID-19 Module: Therapeutics Pathway

Date: June 2021

Presenter: Molly Stillions RN, MSN

Nurse Infection Preventionist, Division of Healthcare Quality Promotion,
Centers for Disease Control and Prevention, Surveillance Branch



cdc.gov/coronavirus

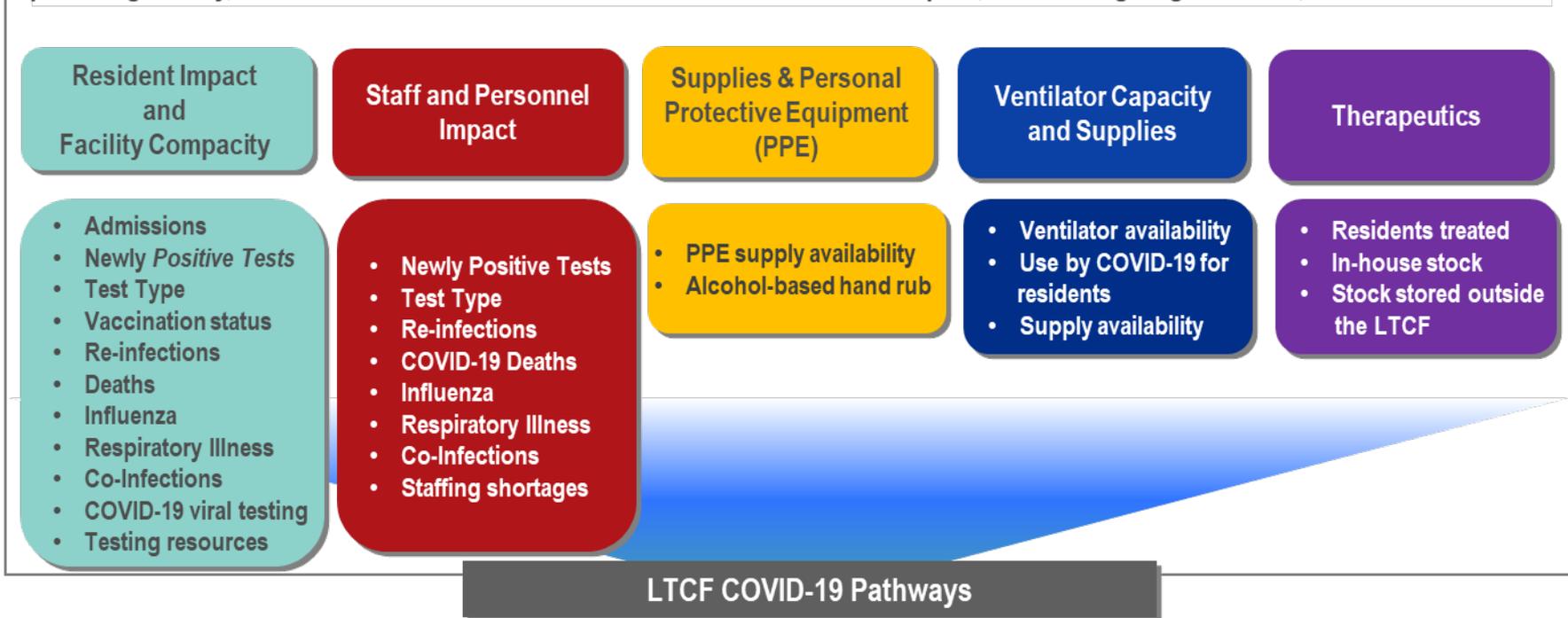


Apply the NHSN criteria to surveillance data reporting in the Therapeutics pathway of the LTCF COVID-19 Module



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



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](https://www.cdc.gov/nhsn/ltc/covid19/index.html) for reporting resources

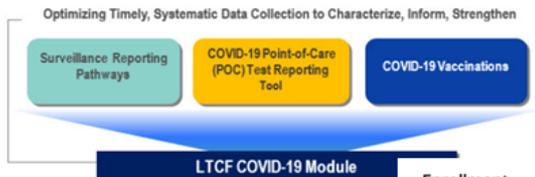
LTCF COVID-19 Module

CDC's [NHSN](#) provides healthcare facilities, such as long-term care facilities (LTCFs), with a secure reporting platform for reporting outcomes and process measures in a systematic way. Reported data are immediately available for use in strengthening local and national surveillance, monitoring trends in infection rates, assisting in identifying resource insecurities, and informing progress toward infection prevention goals.

The [NHSN Long-term Care Facility Component](#) supports the nation's COVID-19 response through the LTCF Module. Facilities eligible to report data to NHSN's COVID-19 Module include nursing homes/skilled nursing facilities, assisted living facilities, and assisted living facilities.

Data reported into the LTCF COVID-19 Module **Surveillance Reporting Pathways** facilitate assessment of COVID-19 through facility reported surveillance data. Examples of data reported in the pathways include

- Counts of residents and facility personnel newly positive for COVID-19 based on viral test results.
- COVID-19 vaccination status of residents newly positive for COVID-19.
- Re-infections in residents and facility personnel previously infected with COVID-19.
- COVID-19 related death counts among residents and facility personnel.
- Staffing shortages.



Enrollment	+
Enhancing Data Security	+
Training	+
Data Collection Forms & Instructions	+
Resources	+

Get NHSN COVID-19 Updates

For continued NHSN COVID-19 updates, please enter your email address. NHSN facility and group users do not need to sign up, you will receive them automatically.

Email



Nursing Home
COVID-19 Data
Dashboard

CDC COVID-19 Info

Get the latest information from the CDC about COVID-19

FAQs

[POC Testing Reporting Tool FAQs](#)

[PDF - 1 MB]

CMS Requirements

<https://www.cdc.gov/nhsn/ltc/covid19/index.html>



View Data Collection Forms and Form Instructions



OMB Approved
OMB No. 0920-1317
Exp. Date 01/31/2024
www.cdc.gov/nhsn

COVID-19 Module Long Term Care Facility: Resident Therapeutics

Page 1 of 1	*Required to save; **Conditional
NHSN Facility ID:	CMS Certification Number (CCN):
Facility Name:	Facility Type:
*Date for which counts are reported: / /	Date Created: / /
Report total counts for the below questions only <u>one calendar day</u> during the reporting week and include only <u>new counts</u> 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.	
<p>For each therapeutic listed, enter number of residents who received the therapeutic at this facility or elsewhere <u>during the reporting week</u>:</p> <p>Therapeutic: Casirivimab plus Imdevimab (Regeneron)</p> <p><input type="checkbox"/> How many residents were treated from stock stored at this facility?</p> <p><input type="checkbox"/> **How many residents were treated from stock that was stored at another facility, such as an infusion center?</p> <p>Therapeutic: Bamlanivimab plus etesevimab (Lilly)</p> <p><input type="checkbox"/> How many residents were treated from stock stored at this facility?</p> <p><input type="checkbox"/> **How many residents were treated from stock that was stored at another facility, such as an infusion center?</p> <p>Therapeutic: Bamlanivimab alone (Lilly)</p> <p><input type="checkbox"/> How many residents were treated from stock stored at this facility?</p> <p><input type="checkbox"/> **How many residents were treated from stock that was stored at another facility, such as an infusion center?</p>	



March 2021 (v.2)

Instructions for Completion of the COVID-19 Long-term Care Facility (LTCF) Resident Therapeutics Form ([CDC 57.158](#))

Data Field	Instructions for Form Completion
NHSN Facility ID #	The NHSN-assigned facility ID will be auto-generated by the system.
CMS Certification Number (CCN) may be referred to as participation number	Auto-generated by the computer, if applicable, based on the CCN entered during NHSN registration or last updated, if previously edited. Please see NHSN CCN Guidance document for instructions on how to add a new CCN or edit an existing CCN.
Facility Name	Auto-generated by the system based on the facility name previously entered during NHSN registration.
Date for which counts are reported	Required. Select the date on the calendar in which the counts are being reported in the NHSN LTCF COVID-19 Module- <i>Therapeutics Pathway</i> .
Facility Type	Auto generated based on the facility type selected during NHSN enrollment. Selections include: <ul style="list-style-type: none"> LTC-ASSIST – Assisted Living Residence LTC-DEVDIS – Long-term Care Facility for the Developmentally Disabled (referred to by CMS as "Intermediate Care Facilities for Individuals with Intellectual Disabilities (ICFs/IID)"). LTC-SKILLNURS – Skilled Nursing Facility* <p>*Includes both skilled nursing facilities and nursing homes Please see NHSN Guidance document for instructions on How to Correct Your Facility Type, if the autogenerated information is incorrect.</p>
Date Created	Auto generated based on the first calendar date and time that a user manually enters and saves data or the date the facility first submits a CSV file for a specific pathway. Note: The date and time will automatically generate after the "Save" button is selected and cannot be modified.

Important:

Report total counts for the below questions only one calendar day during the reporting



<https://www.cdc.gov/nhsn/pdfs/covid19/ltof/57.144-toi-508.pdf>

NHSN Home Page > COVID-19 > Pathway Data Reporting > Calendar View Opens

The screenshot displays the NHSN National Healthcare Safety Network interface. At the top, the CDC logo and 'Centers for Disease Control and Prevention' are on the left, and the NHSN logo and 'NATIONAL HEALTHCARE SAFETY NETWORK' are on the right. Below this is a dark blue header with 'NHSN - National Healthcare Safety Network (AWDV-NHSN-WL01:8001)' and a user profile for 'VTB9 Pile Nursing Home'. A left-hand navigation menu lists various options, with 'COVID-19' selected. A dropdown menu is open over 'COVID-19', showing 'Pathway Data Reporting' as the active selection. The main content area is titled 'NHSN Long Term Care Facility Component Home Page' and shows a 'Long Term Care Dashboard' for the period '20 December 2020 - 30 January 2021'. A legend indicates 'Record Complete' (green) and 'Record Incomplete' (yellow). The dashboard features a calendar grid with data points for residents, staff, and supplies, each with a status indicator.

Navigation Menu:

- NHSN Home
- Alerts
- Dashboard
- Reporting Plan
- Resident
- Event
- Summary Data
- COVID-19**
- Vaccination Summary
- Import/Export
- Surveys
- Analysis
- Users
- Facility
- Group
- Tools
- Logout

COVID-19 Pathway Data Reporting Options:

- Dashboard
- Pathway Data Reporting**
- POC Test Result Reporting
- COVID-19 Vaccination - HCW
- COVID-19 Vaccination - Residents

Calendar View Data:

Day	21	22	23	24	25	26
Sunday						
Monday				Resident	Jan 01	02
Tuesday						
Wednesday						
Thursday						
Friday						
Saturday						



Use Arrow Icons to Navigate Dates

COVID-19

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

◀ ▶ 25 April 2021 - 05 June 2021

Record Complete Record Incomplete [Pharmacy Partnership Program](#)

03	04	05	06
Wednesday	Thursday	Friday	Saturday
10	11	12	13
14	15	16	17
18	19	20	21
22	23	24	25
26	27	28	29
30	01	02	03
04	05	06	07

- Calendar will default to current month
- Use Arrow icons to navigate

Options for Therapeutics Pathway Data Reporting



Importing CSV files

[Groups](#); [Facility](#)



Manual Data entry

Resources for Importing Data

Visit [NSHN LTCF COVID-19 Module web-page](https://www.cdc.gov/nhsn/ltc/covid19/index.html)

LTCF COVID-19 Module

CDC's NSHN provides healthcare facilities, such as long-term care facilities (LTCFs), with a secure reporting platform for reporting outcomes and process measures in a systematic way. Reported data are immediately available for use in strengthening local and national surveillance, monitoring trends in infection rates, assisting in identifying resource insecurities, and informing progress toward infection prevention goals.

The NSHN Long-term Care Facility-Care Module. Facilities eligible to report data for the developmentally disabled, and

Optimizing Timely, Systematic Data Collection to Characterize, Inform, Strengthen

- Surveillance Reporting Pathway
- COVID-19 Physical Care (PCC) Test Reporting Tool
- COVID-19 Vaccination

LTCF COVID-19 Module

- Enrollment
- Enhancing Data Security
- Training
- Data Collection Forms & Instructions
- Resources

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

Importing Data Resources

- **Facility Level** CSV File Templates for Surveillance Reporting Pathways
 - [How to Upload COVID-19 CSV Data Files](#) [PDF - 1 MB] - February 4, 2021
 - [Resident Impact and Facility Capacity Template](#) [CSV - 1 KB] - February 4, 2021
 - [Staff and Personnel Impact Template](#) [CSV - 1 KB] - November 23, 2020
 - [Supplies and Personal Protective Equipment Template](#) [CSV - 1 KB]
 - [Ventilator Capacity and Supplies Template](#) [CSV - 1 KB]
 - [Resident Therapeutics Template](#) [CSV - 1 KB] - February 4, 2021
- **Group Level** CSV File Templates for Surveillance Reporting Pathways
 - [Viewing and Uploading COVID-19 CSV Data Files](#) [PDF - 1 MB] - February 4, 2021
 - [Resident Impact and Facility Capacity Template](#) [CSV - 1 KB] - February 4, 2021
 - [Staff and Personnel Impact Template](#) [CSV - 1 KB] - November 23, 2020
 - [Supplies and Personal Protective Equipment Template](#) [CSV - 1 KB]
 - [Ventilator Capacity and Supplies Template](#) [CSV - 1 KB]
 - [Resident Therapeutics Template](#) [CSV - 1 KB] - February 4, 2021



<https://www.cdc.gov/nhsn/ltc/covid19/index.html>

CSV Template and File Layout for CSV Upload

POSSIBLE DATA LOSS Some features might be lost if you save this workbook in t
preserve these features, save it in an Excel file format.

A1

Not set Public

NHSN
NATIONAL HEALTHCARE
SAFETY NETWORK

	A	B	C	D	E
1	collectionDate	therapeutic	treatfromfac	treatfromother	
2	#####	BAMLAN	3	1	
3	#####	CASIMDEV	4	2	
4	#####	BAMETES	5	3	
5					
6					
7					
8					

Therapeutics file layout for csv upload

Therapeutics Template for csv upload

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

1. NHSN COVID-19 LTC Therapeutics Import File Format

Field	Requirement	Values	Format†	Description of Field
collectionDate	Required	-	mm/dd/yyyy	Date for which patient counts are reported:
therapeutic	Required	BAMLAN – for Bamlanivimab (Lilly) CASIMDEV – for Casirivimab/Imdevimab (Regeneron) BAMETES for Bamlanivimab/etesevimab (Lilly)	-	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.
treatfromfac	Conditionally Required	Must be <=3000	Must be a whole number	How many residents were treated from stock stored at this facility?
treatfromother	Conditionally Required	Must be <=3000	Must be a whole number	How many residents were treated from stock that was stored at another facility, such as an infusion center?



Manual Data Entry Therapeutics Pathway

NHSN COVID-19 Module





25 April 2021 - 05 June 2021

Record Complete Record Incomplete

[Pharmacy Partnership Program](#)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28 Resident Therapeutics	29	30	May 01
02	03	04 Resident Therapeutics	05	06	07	08
09	10	11	12 Resident Therapeutics	13		
16	17	18	19	20		
22	23	24	25	26	27	28

Manual Data Entry



COVID-19 Module: Therapeutics Pathway

◀ 📅 ▶ 25 April 2021 - 05 June 2021 Record Complete Record Incomplete [Pharmacy Partnership Program](#)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28 ☑ Resident ☑ Therapeutics	29	30	May 01
02	03	04 ☑ Resident ☑ Therapeutics	05	06	07	08
09	10	11	12 ☑ Resident ☑ Therapeutics	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Edit COVID-19 Data

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

Therapeutics ←



Therapeutics Pathway

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

1

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

Therapeutics

2

Select to enter "Current Census"

Facility Capacity

125

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

100

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



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

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

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:

Therapeutic	How many residents were treated from stock stored at this facility?	How many residents were treated from stock that was stored at another facility, such as an infusion center?
Casirivimab/imdevimab (Regeneron)	<input type="text"/>	<input type="text"/>
Bamlanivimab/etesevimab (Lilly)	<input type="text"/>	<input type="text"/>
Bamlanivimab alone (Lilly)	<input type="text"/>	<input type="text"/>

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

Mandatory fields marked with *



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

Therapeutic	How many residents were treated from stock stored at this facility?	How many residents were treated from stock that was stored at another facility, such as an infusion center?
Casirivimab/imdevimab (Regeneron)	<input type="text"/>	<input type="text"/>
Bamlanivimab/etesevimab (Lilly)	<input type="text"/>	<input type="text"/>
Bamlanivimab alone (Lilly)	<input type="text"/>	<input type="text"/>

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

Respond to two questions for each listed therapeutic

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

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:

Therapeutic	How many residents were treated from stock stored at this facility?	How many residents were treated from stock that was stored at another facility, such as an infusion center?
Casirivimab/imdevimab (Regeneron)	* 1	* 1
Bamlanivimab/etesevimab (Lilly)	* 0	* 2
Bamlanivimab alone (Lilly)	* 0	* 0

Mandatory fields marked with *



Save Cancel

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

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:

Therapeutic	How many residents from stock stored at facility	Other
Casirivimab/imdevimab (Regeneron)	* <input type="text" value="1"/>	<input type="text"/>
Bamlanivimab/etesevimab (Lilly)	* <input type="text" value="0"/>	<input type="text"/>
Bamlanivimab alone (Lilly)	* <input type="text" value="0"/>	<input type="text"/>

Error

CURRENT CENSUS: Total number of beds that are occupied on the reporting calendar day is required.

OK

Mandatory fields marked with *



Save Cancel



Therapeutics Pathway: Case Study 1, data reported for DHQP Nursing Home for the reporting week, continued

ADD COVID-19 Data

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

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

Date Created:

Counts should be reported on the correct calendar day and include only the new counts for the calendar day (specifically, since counts were last collected). If the count is zero, a "0" must entered as the response. A blank response is equivalent to missing data. **NON**-count questions should be answered one calendar day during the reporting week.

Facility Capacity

125	ALL BEDS (enter on first survey only, unless the total bed count has changed)
100	*CURRENT CENSUS: Total number of beds that are occupied on the reporting calendar day



Save Cancel

12	13
<input checked="" type="radio"/> Resident	
<input checked="" type="radio"/> Therapeutics	
19	20



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 Bamlanivimab and 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

Add COVID-19 Data



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:

Therapeutic	How many residents were treated from stock stored at this facility?	How many residents were treated from stock that was stored at another facility, such as an infusion center?
Casirivimab/imdevimab (Regeneron)	* 0	* 1
Bamlanivimab/etesevimab (Lilly)	* 1	* 1
Bamlanivimab alone (Lilly)	* 0	* 0

Mandatory fields marked with *



Save

Cancel

Therapeutics Pathway: Case Study 2, data reported for DHQP Nursing Home for the reporting week

Add COVID-19 Data



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:

Therapeutic	How many residents received the therapeutic
Casirivimab/imdevimab (Regeneron)	* <input type="text" value="0"/>
Bamlanivimab/etesevimab (Lilly)	* <input type="text" value="1"/>
Bamlanivimab alone (Lilly)	* <input type="text" value="0"/>

Message

Successfully saved record.

OK

Mandatory fields marked with *



Save

Cancel



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

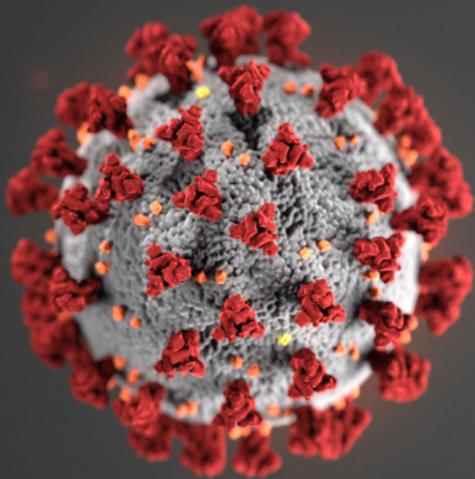


A response is required for both data elements for each Therapeutic administered during the reporting week

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)
TTY: 1-888-232-6348 www.cdc.gov

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.

