

NHSN Updates

COVID-19 Vaccine Module & Pathway

Welcome!

Chat to Technical Support if you need assistance

Presented By:

Marilee Johnson, MBA, MT (ASCP)

Infection Prevention Technical Advisor

July 21, 2022

Marilee Johnson, MBA, MT (ASCP)

INFECTION PREVENTION TECHNICAL ADVISOR

Marilee is a health professional with experience in public health epidemiology, infection prevention and clinical microbiology. Recently, she worked with the CDC's National Healthcare Safety Network to reduce *C. difficile* infections in nursing home residents. She supports nursing homes with tracking and reporting infections in NHSN and focuses on strategies to reduce health-acquired infections across all patient care settings.

Marilee loves gardening, hiking, reading, yoga and spending time with her family and friends.

Contact: marilee.johnson@allianthealth.org



Amy Ward, MS, BSN, RN, CIC

INFECTION PREVENTION SPECIALIST

Amy is a registered nurse with a diverse background in acute care nursing, microbiology, epidemiology and infection control. She is passionate about leading and mentoring new and future infection preventionists in their career paths and assisting them in reducing health care-associated infections across the continuum of care.

Amy enjoys spending time with family. She loves all the time she can get outdoors camping, bicycling and running.

Contact: Amy.Ward@AlliantHealth.org



Donald Chitanda, MPH, CIC

INFECTION PREVENTION TECHNICAL ADVISOR

Donald is a health professional with experience in public health epidemiology and infection prevention. Over the past several years, he worked as an infection preventionist at the hospital- and system-level, where he was part of a task force to ensure the safety of caregivers and patients during the ongoing COVID-19 pandemic. In addition, he was part of and led several projects to reduce hospital-acquired infections utilizing Lean Six Sigma methodologies. He is also trained in ensuring ongoing facility survey readiness for regulatory agencies such as the CMS and The Joint Commission.

Donald enjoys spending time with family and doing outdoor activities.

Contact: Donald.Chitanda@AlliantHealth.org



Objectives

Agenda:

- **Join our Alliant Health Solutions LTC NHSN Group**
(if you have not already)
- NHSN updates
- Watch those QA alerts
- Questions & Answers

Make Sure You Have Joined Our NHSN Group

Review Your Membership:

On the NHSN Home page:
Click **Group > Join**

Make sure you see **Alliant Health Solutions – LTC (83378)**. If not, follow the instructions on the next slide to join.

Take this important step to receive assistance from your CMS Quality Improvement Organization.

NHSN - National Healthcare Safety Network

NHSN Home

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

Memberships

Groups that have access to this facility's data

- Alliant Health Solutions - LTC (83378)

Confer Rights

Leave Group(s)

Enter ID and Password for this facility to join a new group

Group ID:

Group Joining Password:

Join Group

Back


Confer Rights

Join

Join & Confer Rights to Alliant Health Solutions

Group Name: Alliant Health Solutions-LTC

Group ID: 83378 Joining Password: Alliant20!



NHSN LV1 Home

Alerts

COVID-19

Users

Facility

Group

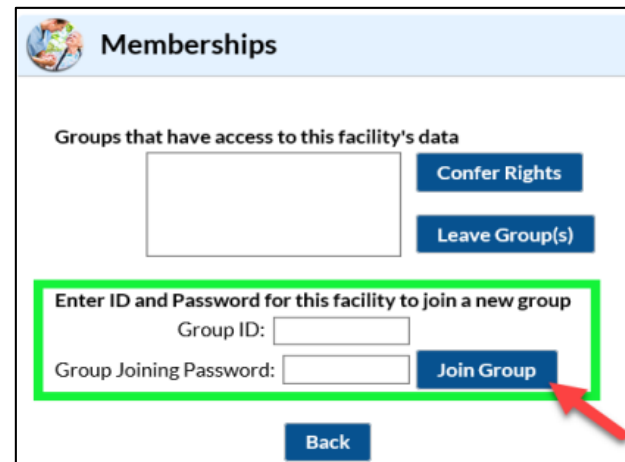
Logout

Confer Rights

Join

Leave

Nominate



Memberships

Groups that have access to this facility's data

Confer Rights

Leave Group(s)

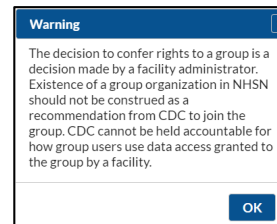
Enter ID and Password for this facility to join a new group

Group ID:

Group Joining Password:

Join Group

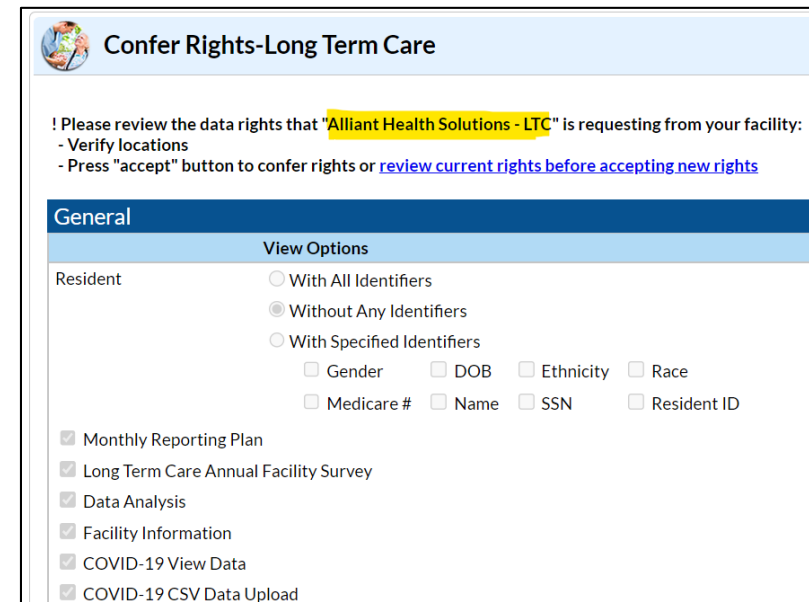
Back



Warning

The decision to confer rights to a group is a decision made by a facility administrator. Existence of a group organization in NHSN should not be construed as a recommendation from CDC to join the group. CDC cannot be held accountable for how group users use data access granted to the group by a facility.

OK



Confer Rights-Long Term Care

! Please review the data rights that "Alliant Health Solutions - LTC" is requesting from your facility:
- Verify locations
- Press "accept" button to confer rights or [review current rights before accepting new rights](#)

General

View Options

Resident

With All Identifiers

Without Any Identifiers

With Specified Identifiers

Gender DOB Ethnicity Race

Medicare # Name SSN Resident ID

Monthly Reporting Plan

Long Term Care Annual Facility Survey

Data Analysis

Facility Information

COVID-19 View Data

COVID-19 CSV Data Upload

https://quality.allianthealth.org/wp-content/uploads/2021/01/TO1_NHSNGroups_12SOW-AHSQIN-QIO-TO1NH-20-391_508-1.pdf

Shop Talk Shorts YouTube Channel

Instructional videos to answer technical questions related to NHSN

Bookmark our FAQ YouTube channel for easy reference to frequent NHSN issues:

<https://www.youtube.com/playlist?list=PLXWmxni-xNHspWHhLlIrqcLGlzXZPljIF>

[Help! I am new & no one has NHSN access](#)

[How to Upgrade to Level-3 Access in NHSN](#)

[How do I find out who has access to my facility?](#)

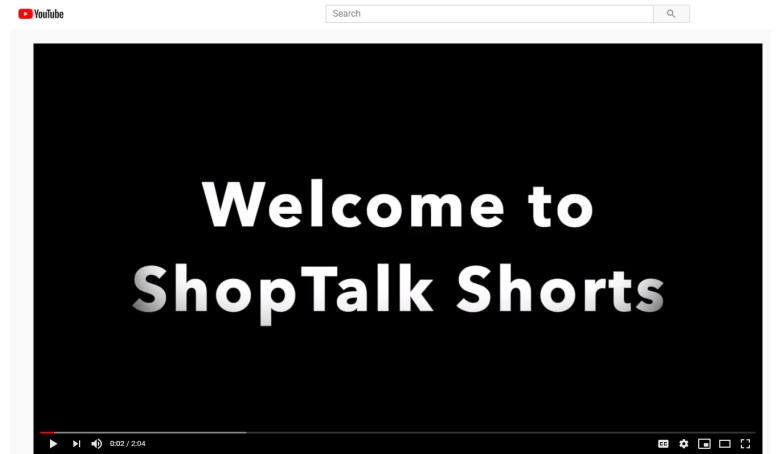
[How do I add users and rights to our NHSN account?](#)

I got a new job. [Can I use my grid card to access my new facility?](#)

[How do I change my email address for NHSN & SAMS?](#)

[I am leaving, how do I reassign another NHSN facility administrator?](#)

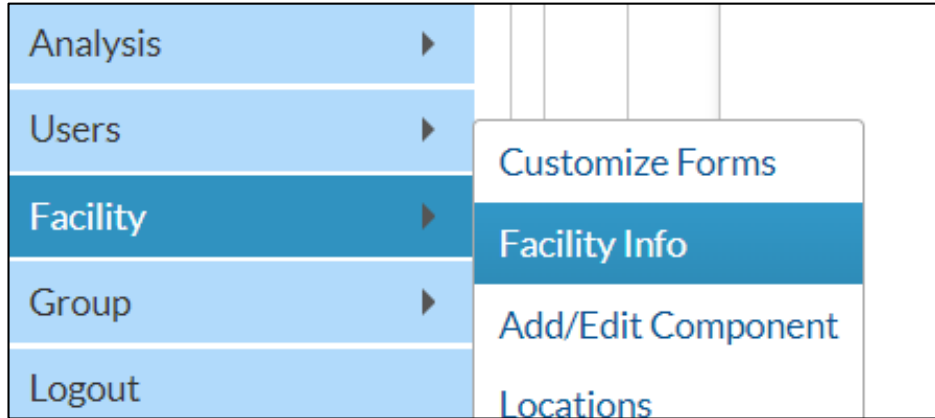
I want to receive technical assistance. [How do I join Alliant Health Solution's NHSN Data Group?](#)



SAMS & NHCN Tips

Confirm Facility Admin and Primary Contact

Facility > Facility Info > Scroll down and review the facility admin and long-term care primary contact. If the users are no longer there, deactivate them. For the facility admin, complete the [Change Facility Admin Form](#).



Contact Information					
	Contact Type	Contact Name	Phone No.+ext	Email	Action
Edit	Facility Administrator	[REDACTED]	[REDACTED]	[REDACTED]@ET	Reassign
Edit	Long Term Care Facility Primary Contact	[REDACTED]	[REDACTED]	[REDACTED]	Reassign

Clean Up the Users in Your NHSN Account

NHSN Home

- Alerts
- Dashboard ▶
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- COVID-19 ▶
- Vaccination Summary
- Import/Export
- Surveys ▶
- Analysis ▶
- Users** ▶
 - Add
 - Find**
- Facility ▶
- Group ▶

Find User

- Enter search criteria and click Find

User Information

User ID:

First Name:

Middle Name:


Last Name:

















Phone Number:

E-mail Address:

Find **Clear** **Back**

Deactivate Users Who No Longer Need Access

 **Users List**

Deactivate	Name	Title	User ID	User Type	Active
<input type="checkbox"/>	 Jennifer		 T	NU - Nurse	Y
<input type="checkbox"/>	Johnson 		 ON		Y
<input type="checkbox"/>	 Mirana	EXECUTIVE DIRECTOR		OTH - Other	Y
<input type="checkbox"/>	 robin		 ES	OTH - Other	Y
<input type="checkbox"/>	 Crystal		 1	ICP - Infection Control Professional	Y
<input type="checkbox"/>	Gray 		 1	OTH - Other	N
<input type="checkbox"/>					N
<input type="checkbox"/>	 Heather		 ER		N

Page 1 of 1 | 10 | View 1 - 8 of 8

Check the box beside their name and click Deactivate.

OR Go to the Contact Page and Click User Active “No”

Mandatory fields marked with *

User ID *: MJOHNSON Up to 32 le

Prefix:

First Name *: Marilee

Middle Name:

Last Name *: Johnson

Title:

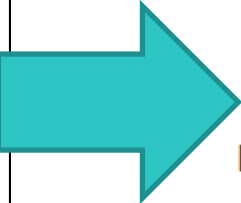
User Active: N - No ▾

User Type: ▾

Phone Number *: 331

Fax Number:

E-mail Address *: MARILEE.JOHNSON@ALLIANTQUALITY.ORG



User > Find > Find > Click on the user account.
Click Edit.
Then change the User Active to NO.


Ensure Users are Assigned Rights

Rights	Long Term Care Facility
Administrator	<input checked="" type="checkbox"/>
All Rights	<input checked="" type="checkbox"/>
Analyze Data	<input type="checkbox"/>
Add, Edit, Delete	<input type="checkbox"/>
View Data	<input type="checkbox"/>
Staff/Visitor - Add, Edit, Delete	<input checked="" type="checkbox"/>
Staff/Visitor - View	<input checked="" type="checkbox"/>
Customize Rights	<input type="checkbox"/>

Hint: Double-check to ensure users have administrator rights, if applicable. If you don't have admin rights, you will not be able to add users, etc., to maintain the functionality of your account.

I Forgot My Password. How Do I Reset?

SAMS Credentials



SAMS Username
Marilee.Johnson@alliant

SAMS Password

Login

[Forgot Your Password?](#)

For External Partners who login with only a SAMS issued UserID and Password.

SAMS
secure access management services

Forgotten Password Reset: Please enter the following to identify yourself

• = Required

• User ID

OK **Cancel**

SAMS
secure access management services

Forgotten Password Reset: Please enter the following to verify your identity

• = Required

User ID	<input type="text" value="Marilee.Johnson@alliantquality.org"/>	
First Name	<input type="text" value="Marilee"/>	
Last Name	<input type="text" value="Johnson"/>	
Q1	<input type="text" value="Color of your first car"/>	• Answer <input type="text"/>
Q2	<input type="text" value="Name of your third grade teacher"/>	• Answer <input type="text"/>
Q3	<input type="text" value="Your mother's middle name"/>	• Answer <input type="text"/>
Q4	<input type="text" value="Month of your father's birthday"/>	• Answer <input type="text"/>
Q5	<input type="text" value="The first concert you attended"/>	• Answer <input type="text"/>

OK **Cancel**

HINT: The USER ID is the email address you use to sign into the SAMS login.

Do you know your security questions? You must answer using correct capitalization.

If You Don't Remember Your Security Questions

You must request the SAMS help desk to terminate your account. Then, email nhsn@cdc.gov and request a new invitation to register. Include your email address and first and last name.

Why risk this? Print out your security questions and save them in a secure location. Log in to <https://sams.cdc.gov> SAMS credential > Click on Modify My Identity Data to view your answers.

The image shows two screenshots from the SAMS (Secure Access Management Services) portal. The left screenshot is the login page, titled "Choose a login option". Under the "External Partners" section, the "SAMS Credentials" option is highlighted with a yellow box and a green arrow. Below this, there are input fields for "SAMS Username" (containing "Marilee.Johnson@alliantc") and "SAMS Password" (masked with dots), and a "Login" button. The right screenshot is the "Modify My Identity Data" page. It features a "Tasks" menu on the left with "Modify My Identity Data" selected. The main content area contains several fields: "City" (redacted), "State" (North Carolina), "Postal Code" (redacted), "Country" (United States), "Primary Phone" (919-695-8331), and "Alternate Phone". Below these fields is a red warning: "Your answers to the following questions will be used to verify your identity should you forget your password. Answers may not contain any part of the question." This is followed by a table of five security questions (Q1-Q5) and their answers (A1-A5), all of which are redacted with purple boxes.

Current Statistics

Submitted data as of the week ending 7/03/2022.

By the numbers

87.5%

National Percent of Residents with Completed Primary Vaccination per Facility

83.5%

National Percent of Vaccinated Residents with Booster Doses per Facility

87.0%

National Percent of Staff with Completed Primary Vaccination per Facility

54.1%

National Percent of Vaccinated Staff with Booster Doses per Facility

1,101,083

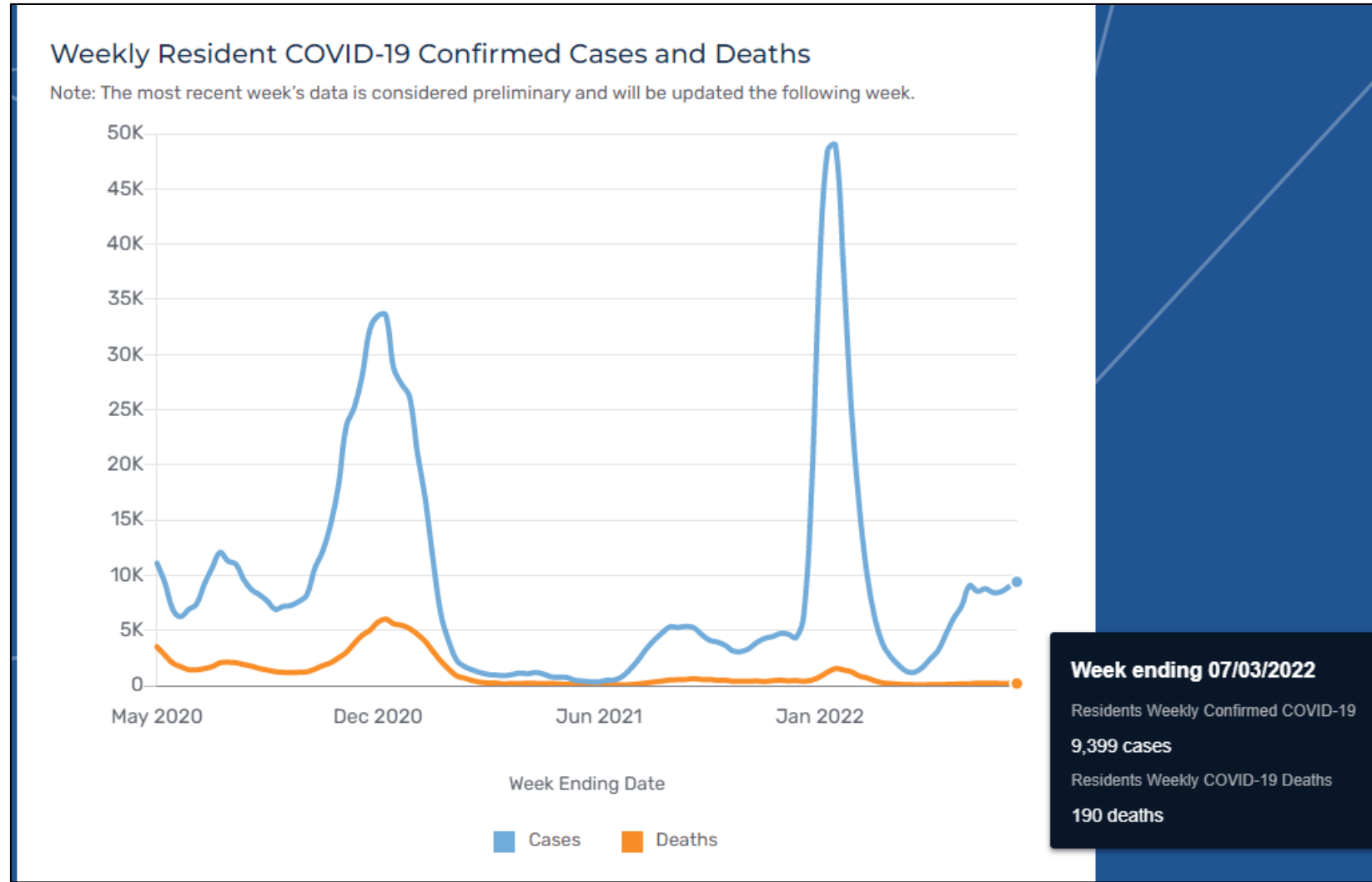
Total Resident COVID-19 Confirmed Cases

153,929

Total Resident COVID-19 Deaths

<https://data.cms.gov/covid-19/covid-19-nursing-home-data>

Source: NHSN Data



<https://data.cms.gov/covid-19/covid-19-nursing-home-data>

Weekly Vaccination Module Updates

Questions: Why Is My Data Not Passing Quality Assurance. Why Is It Not Showing on Nursing Home Compare? What Is an Alert on My Dashboard?

1. Check data on <https://data.cms.gov/covid-19/covid-19-nursing-home-data> or Care Compare
2. If it is not passing QA, check your alerts on the home screen (you should do this every week).
3. If you see an alert, take the time to review, edit and confirm.
4. Contact CMS data.gov if you have concerns.

CMS Expert Help Desk

NH_COVID_Data@cms.hhs.gov

Policy	Download Policy
COVID-19 Nursing Home Data Quality Assurance	
Process	

Click [here](#) to view the definitions on the data.cms.gov website.

Analysis Resources:

[COVID-19 Module Data Alerts \[PDF – 500 KB\]](#) – April 5, 2021

[Correcting COVID-19 Module Data \[PDF – 600 KB\]](#) – April 5, 2021

[NHSN LTCF COVID-19 Module Dashboard for Facility Users \[PDF – 600 KB\]](#)

Alerts on Your Dashboard

Don't ignore! Click on and explore!

Collection Date	COVID-19 Data Form Type		Variable	QA Flag Description	Confirmed
03/15/2021	RIFC		Resident - COVID-19 DEATHS	Multiple repeats of the same value for consecutive days	N
11/11/2020	RIFC		Resident - COVID-19 DEATHS	Multiple repeats of the same value for consecutive days	N

View 1 - 2 of 2

New Training Slides Available

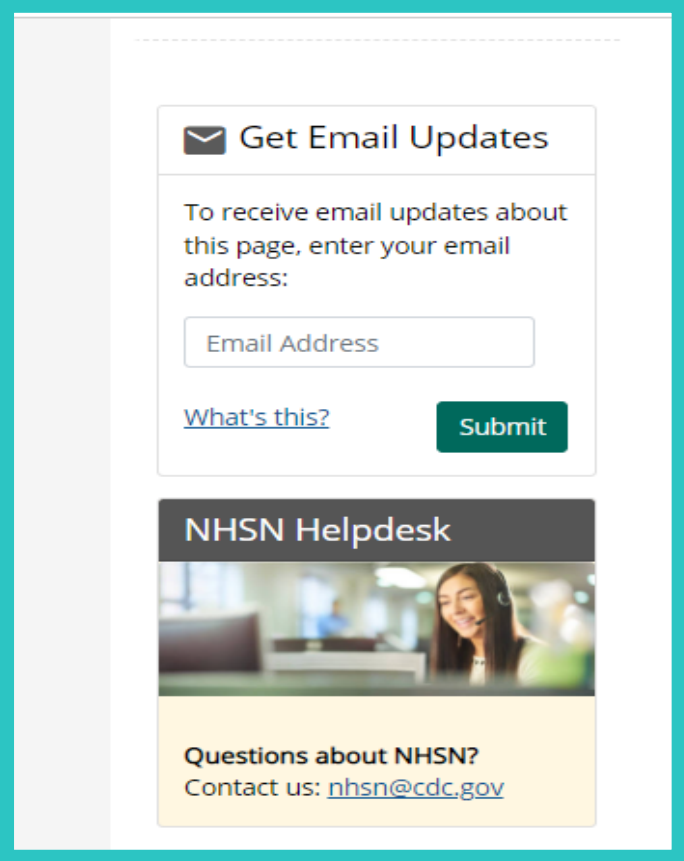
New Training slides are available from June 2022 Webinar

[Up to Date Vaccination Status: Surveillance Definition Change Training Slides](#)

[NHSN Event-Level/Person-Level Vaccination Forms: Office Hours and FAQs](#)

Date of Birth is a required field for all individuals in the facility and HCP as of June 27th since age (> 50 yrs. old) is part of the new up-to-date vaccination definition.

*Reminder! Are you signed up to get updates from NHSN? You should keep up with the changes to ensure your facility is in the **NHSN KNOW**. At the main NHSN website, scroll down and look for the Get Email Updates tab on the left-hand side.*



The screenshot shows a web interface with two main sections. The top section is titled "Get Email Updates" and includes a text input field for an email address, a "Submit" button, and a link for "What's this?". The bottom section is titled "NHSN Helpdesk" and features a photo of a woman wearing a headset, with text below it that says "Questions about NHSN? Contact us: nhsn@cdc.gov".

<https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html>

If You Use the Event Level Forms To Submit Vaccine Data

There are NO longer green rows to designate if data was submitted.

NHSN - National Healthcare Safety Network (ltcf1012-81-pfwxp:443)

NHSN Long Term Care Facility Component Home Page

Long Term Care Dashboard

Action Items

Event-Level COVID-19 Vaccination Form - Residents

[Add Row...](#)
[View Reporting Summary & Submit...](#)
[Upload CSV...](#)
[Export CSV...](#)

Required fields marked with * Conditionally required fields marked with **

Duplicate Row	Resident identifier *	Date of Birth **	Resident Admit Date *	Resident Discharge Date	Resident First Name *	Resident Last Name *	Dose 1 vaccination date **	Dose 1 vaccine manufacturer name **	Dose 2 vaccination date **	Dose 2 vaccine manufacturer name **	Is vaccination complete?
+	0101022	01/01/1969	05/18/2022	05/27/2022	Idunno	Yourname					No
+	01011855	01/01/1969	03/01/2022	06/29/2022	Bubbles	PowerPuff Girl	01/21/2021	Pfizer-BioNTech COVID-			No
+	01011899	01/01/1969	05/06/2022		Granny	Weatherall	05/05/2021	Pfizer-BioNTech COVID-	06/01/2021	Pfizer-BioNTech COVID-	Yes
+	01011955	01/01/1969	04/01/2021	04/01/2022	Johnny B	Good	03/01/2022	Pfizer-BioNTech COVID-	03/22/2022	Pfizer-BioNTech COVID-	Yes
+	01012022A	01/01/2022	06/29/2022		Garfield	The cat	01/20/2021	Pfizer-BioNTech COVID-	02/20/2021	Pfizer-BioNTech COVID-	Yes
+	0123456	01/01/1969	05/06/2022		Religious	Exemption					No
+	02141900	01/01/1969	04/01/2022	05/01/2022	Julie	Clark	04/01/2021	Pfizer-BioNTech COVID-	05/01/2021	Pfizer-BioNTech COVID-	Yes
+	02141900	01/01/1969	05/25/2022		Julie	Clark	04/01/2021	Pfizer-BioNTech COVID-	05/01/2021	Pfizer-BioNTech COVID-	Yes
+	06011933	01/01/1969	06/01/2022		Sallie	Johnson	01/05/2021	Pfizer-BioNTech COVID-	02/05/2021	Pfizer-BioNTech COVID-	Yes
+	08281971	01/01/1969	04/01/2021		No Idea	What It is	03/01/2021	Pfizer-BioNTech COVID-	04/01/2021	Moderna COVID-19 vacci	Yes
+	123456	01/01/1969	04/01/2022	04/01/2022	Sunny	Day	04/01/2021	Janssen COVID-19 vacci			Yes
+	1234567	01/01/1969	04/01/2022		Banana	Savana	04/01/2021	Janssen COVID-19 vacci			Yes
+	D5738	01/01/1919	05/09/2022		Mona	Lisa	11/15/2021	Pfizer-BioNTech COVID-	12/16/2021	Pfizer-BioNTech COVID-	Yes

Missing Summary Data

Click View Reporting Summary and Submit

For the CURRENT WEEK!!!

Wait for it to save. It may take a while, so be patient

View Reporting Summary & Submit...

COVID-19 Vaccination Cumulative Summary for Long-Term Care Facility Residents TRACKING WORKSHEET	
Facility ID#:	59979
Vaccination type:	COVID19
Week of data collection first day (Monday):	3/28/2022
Week of data collection last day (Sunday):	3/28/2022
	4/4/2022
	4/11/2022
	4/18/2022 (Changed since submitted)
	4/25/2022 (Changed since submitted)
1. *Number of residents staying in this facility	5/2/2022
2. *Cumulative number of residents in Queue	5/9/2022
2.1. Only dose 1 of Pfizer-BioNTech COVID-19 vaccine	5/16/2022
2.2. Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine	5/23/2022
2.3. Only dose 1 of Moderna COVID-19 vaccine	5/30/2022 (Changed since submitted using the Tracking Worksheet)
2.4. Dose 1 and dose 2 of Moderna COVID-19 vaccine	6/6/2022
2.5. One dose of Janssen COVID-19 vaccine	
2.00. Complete COVID-19 vaccination series: Unspecified Manufacturer	



Save and Submit Data **Done**

Alert

Successfully saved.

OK

Double-Check Your Vaccine Data

- Go to Vaccination Summary
- Ensure both HCW and residents are GREEN for the current week
- Ensure the data is accurate

Coming soon: A safeguard will be put in place to prevent users from inadvertently overriding their weekly summary data in their calendar view.

NHSN - National Healthcare Safety Network

MJOHNSON
NHSN 12.SOW.LTC.QIN-QIO...

NHSN Home

- Alerts
- Dashboard
- Reporting Plan
- Resident
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- COVID-19
- Vaccination Summary**
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Vaccination Summary Data

Click a cell to begin entering data for the week which counts are reported.
Reporting of medical events or health problems that occur after vaccination (possible side effects) is encouraged, even if you are not sure they are the result of vaccination, at <https://vaers.hhs.gov/reportevent.html>.

28 March 2022 - 08 May 2022

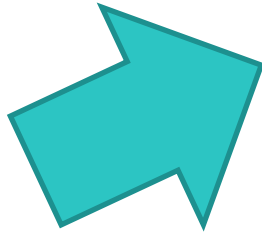
Record Complete Record Incomplete

Weekly Vaccination Calendar

02/28/2022 (Monday) - 04/03/2022 (Sunday)	Record Complete
04/04/2022 (Monday) - 04/10/2022 (Sunday)	Record Incomplete
04/11/2022 (Monday) - 04/17/2022 (Sunday)	Record Incomplete

Edit Your Data if Needed

Open the week you want to edit in the calendar and edit your data, then save it.



Edit Vaccine Data

Flu Vaccine: Residents | Flu Vaccine: HCW | COVID-19 Vaccine: HCW | **COVID-19 Vaccine: Residents**

Resident COVID-19 Cumulative Vaccination Summary for Long-Term Care Facilities

Date Created: 06/27/2022 12:21PM
* Facility ID: 59979 * Vaccination type: COVID19 Facility CCN #:
* Week of Data Collection: 06/27/2022 - 07/03/2022 * Date Last Modified: 06/29/2022 2:12PM

Cumulative Vaccination Coverage

Note: Facilities submit Weekly COVID-19 Vaccination Cumulative Summary data by completing the questions on this form. As of March 28th, 2022 facilities also have the option to enter data using the event-level COVID-19 vaccination form and select the "view reporting summary and submit" button? to submit these data. Using the event-level form is recommended to ensure that individuals who are up to date with COVID-19 vaccination are categorized appropriately according to their vaccination dates. Learn more here: [link to QRG](#)

1. * Number of residents staying in this facility for at least 1 day during the week of data collection	<input type="text" value="9"/>
2. * Cumulative number of residents in Question #1 who have received primary series COVID-19 vaccine(s) at this facility or elsewhere since December 2020:	
2.1 * Only 1 dose of a two-dose Primary COVID-19 vaccine series	<input type="text" value="1"/>
2.2 * Any completed Primary COVID-19 vaccine series	<input type="text" value="7"/>
3. * Cumulative number of residents in Question #1 with other conditions:	
3.1 * Medical contraindication to COVID-19 vaccine	<input type="text" value="0"/>
3.2 * Offered but declined COVID-19 vaccine	<input type="text" value="1"/>
3.3 * Unknown COVID-19 vaccination status	<input type="text" value="0"/>
4. * Cumulative number of residents with complete primary series vaccine in Question #2 who have received any booster(s) or additional dose(s) of COVID-19 vaccine since August 2021	<input type="text" value="6"/>
4.1 * Cumulative number of residents in Question #4 who have received <u>only one</u> booster dose of COVID-19 vaccine since August 2021	<input type="text" value="5"/>
4.2 * Cumulative number of residents in Question #4 who received <u>two or more</u> booster doses of COVID-19 vaccine, and the most recent dose was received since March 29, 2022	<input type="text" value="1"/>
Question 5 asks about individuals who are <i>up to date</i> . Please review the current definition of up to date .	
5. * Cumulative of residents in question #2 who are <i>up to date</i> with COVID-19 vaccines	<input type="text" value="5"/>

Adverse Events following COVID-19 Vaccine(s)

Other health events should be reported to the Vaccine Adverse Event Reporting System (VAERS) at

Save Cancel

How Do I Upload the Event Level Form Data?

As a reminder, the Optional Excel Data Tracking Worksheet has been retired. During the early transition phase, we provided one-time instructions on how to upload data tracking worksheet information into the Event-Level Form. **This was meant to be a one-time data transfer. Please do not upload the Optional Excel Data Tracking Worksheet to the Event-Level forms for weeks beginning with June 2022.** The Optional Excel Data Tracking Worksheets do not contain the new variables added in the May release. If you would like to upload data to the Event-Level (Person-Level) forms, please follow the instructions here:

<https://www.cdc.gov/nhsn/pdfs/ltc/covidvax/event-qrg-508.pdf> to submit data via a .CSV template.

LTCF Event-Level (Person-Level) HCP Templates and Examples

[.CSV File Template for LTCF HCP \[XLS – 10 KB\]](#) – June 2022

[Example .CSV File for LTCF HCP \[XLS – 11 KB\]](#) – June 2022

LTCF Event-Level (Person-Level) Residents Templates and Examples

[.CSV File Template for LTCF Residents \[XLS – 10 KB\]](#) – June 2022

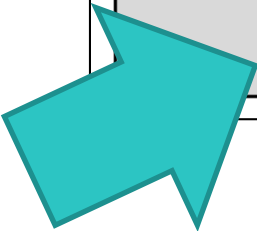
[Example .CSV File for LTCF Residents \[XLS – 11 KB\]](#) – June 2022

Definition of Up To Date for NHSN Surveillance

Review the definition of Up To Date using this [link](#) in your weekly vaccine summary. You will need to keep an internal log of the up-to-date status of residents and staff using the most current definition.

The current definition through **Sept 2, 2022**:

Up to Date	Question 5 asks about individuals who are up to date. Please review the current definition of up to date: https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf
	5. * Cumulative number of residents in question #2 who are <u>up to date</u> with COVID-19 vaccines



Current Up-To-Date Definition (June 27, 2022)

Reporting Period Quarter 3 2022 (June 27, 2022 – September 2, 2022)

The following definitions apply when reporting data through the NHSN COVID-19 Vaccination Modules for the reporting period of Quarter 3, 2022 (representing vaccination data for June 27, 2022 – September 2, 2022).

Up to date with COVID-19 vaccines

Individuals are considered up to date with their COVID-19 vaccines during the surveillance period of **June 27, 2022 through September 2, 2022** for the purpose of NHSN surveillance if they meet (1) of the following criteria*:

If Under 50 Years:	If 50 Years and Older:
Received at least one booster dose	Received second booster dose (or received first booster dose less than 4 months ago and not yet eligible for a second booster dose)
<u>or</u>	<u>or</u>
Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose . This includes:	Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose . This includes:
<ul style="list-style-type: none"> a) Those who completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago. b) Those who received a single dose of Janssen less than two months ago. 	<ul style="list-style-type: none"> a) Those who completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago. b) Those who received a single dose of Janssen less than two months ago.

*Individuals with a moderately to severely immunocompromising condition are considered up to date in the following cases:

- 1) Received an additional dose less than three months ago, if primary series was the Moderna or Pfizer-BioNTech COVID-19 vaccine; or
- 2) Received an additional dose less than two months ago, if primary series was the Janssen COVID-19 vaccine; or
- 3) Received an additional dose and one booster dose **less than four months ago**; or
- 4) Received a **second booster dose**.

*Reference this definition on the CDC website regularly.

<https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf>

Best Practice for Validating Your NHSN Vaccination and Booster Rates

Quality Improvement Initiative (QII) rapid PDSA Worksheet COVID Booster Uptake for Residents

Challenge Identified: NHSN Reporting Errors

QIO Advisor: Marilee Johnson, Technical Advisor
marilee.johnson@allianthealth.org 919-695-8331



QUALITY IMPROVEMENT INITIATIVE

Project Name:	Booster Vaccinations Quality Improvement Project- Action Plan	Date:	3/29/2022
Facility Name:		CCN:	

Sample Data Table to Review Resident Booster Rates for Accuracy

Week ending date	Facility Spreadsheet/Tracking Sheet			Internal Analysis	Public Websites	Validate
	Total # of Residents Boosted	Total # of Residents Completed Vaccine Series (2 doses of Moderna/Pfizer or 1 dose Janssen) at any time	% boosted	NHSN Analysis Report Generated % boosted	Care Compare	COVID-19 Nursing Home Data (CMS.gov data)
3/6/2022						Does your resident booster data percentage match Care Compare/COVID-19 Nursing Home Data (CMS.gov data) & your facility spreadsheet? Yes or No <input type="checkbox"/> Yes <input type="checkbox"/> No
3/13/2022						<input type="checkbox"/> Yes <input type="checkbox"/> No
3/20/2022						<input type="checkbox"/> Yes <input type="checkbox"/> No

Resolved *Select All That Apply to your facility*

Through Root Cause Analysis (RCA), the QIO advisor & the facility quality team identified our current booster vaccination initiative has the following opportunities of improvement

- 1. Validate NHSN data & accurately submit COVID-19 booster data **weekly** into the National Healthcare Safety Network (NHSN) system.

[Care Compare](#)

[COVID-19 Nursing Home Data-CMS.gov](#)

NHSN Website and Module Changes

Recent NHSN Trainings

[Weekly HCP & Resident COVID-19 Vaccination Website](#)

Training slides from the June 9th session will be uploaded to the NHSN website soon.
New CSV templates and example files (including date of birth and additional boosters):

[Variable description and file layout for event-level \(person-level\) vaccination forms \[PDF – 145 KB\]](#) – June 2022

CSV templates and examples files for residents of Long-term Care Facilities (LTCFs)

[.CSV File Template for LTCF Residents \[XLS – 10 KB\]](#) – June 2022

[Example .CSV File for LTCF Residents \[XLS – 11 KB\]](#) – June 2022

CSV templates and examples files for healthcare personnel of Long-term Care Facilities (LTCFs)

[.CSV File Template for LTCF HCP \[XLS – 10 KB\]](#) – June 2022

[Example .CSV File for LTCF HCP \[XLS – 11 KB\]](#) – June 2022

COVID-19 Pathway Update

Slides Are Now Available For The Pathway Reporting

The slides from the *LTCF COVID-19 Module: Surveillance Pathways Updates* webinar training held on May 24 & 26 are now available on the NHSN website. You can find the slides under “**Training**” on the webpage:

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

[LTCF COVID-19 Module: Surveillance Pathway Updates \[PDF – 4 MB\]](#) – May 2022

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

Up To Date Vaccination Status

For NHSN surveillance for tracking your positive tests, to be up to date, you must count/include the **14 days or more before the specimen collection date for primary vaccination & boosters status**. The NHSN Surveillance definition/ timing differs from the guidelines in the infection prevention up-to-date status for isolation/quarantine. <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html>

Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result	
** PRIMARY SERIES: Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.	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. <input type="checkbox"/>
	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). <input type="checkbox"/>
	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. <input type="checkbox"/> 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) <input type="checkbox"/> AND 14 days or more have passed before the specimen collection date. <i>Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.</i>
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.	
** BOOSTER DOSES	One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer) <input type="checkbox"/> 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 <input type="checkbox"/> AND 14 days or more have passed before the specimen collection 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. <input type="checkbox"/>	
Note: Please review the current definition of up to date: https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf	

NHSN surveillance definition:
[Covid-19 Up to Date Vaccination Guidance \(cdc.gov\)](#)

Current Up-To-Date Vaccination

[Covid-19 Up to Date Vaccination Guidance \(cdc.gov\)](https://www.cdc.gov/covid19/vaccines-up-to-date/)

Reporting Period Quarter 3 2022 (June 27, 2022 – September 2, 2022)

The following definitions apply when reporting data through the NHSN COVID-19 Vaccination Modules for the reporting period of Quarter 3, 2022 (representing vaccination data for June 27, 2022 – September 2, 2022).

Up to date with COVID-19 vaccines

Individuals are considered up to date with their COVID-19 vaccines during the surveillance period of **June 27, 2022 through September 2, 2022** for the purpose of NHSN surveillance if they meet (1) of the following criteria*:

If Under 50 Years:	If 50 Years and Older:
Received at least one booster dose	Received second booster dose (or received first booster dose less than 4 months ago and not yet eligible for a second booster dose)
<u>or</u>	<u>or</u>
Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose . This includes:	Recently received all recommended doses in the primary vaccine series but is not yet eligible for a booster dose . This includes:
<ul style="list-style-type: none"> a) Those who completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago. b) Those who received a single dose of Janssen less than two months ago. 	<ul style="list-style-type: none"> a) Those who completed their 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago. b) Those who received a single dose of Janssen less than two months ago.

*Individuals with a moderately to severely immunocompromising condition are considered up to date in the following cases:

- 1) Received an additional dose less than three months ago, if primary series was the Moderna or Pfizer-BioNTech COVID-19 vaccine; or
- 2) Received an additional dose less than two months ago, if primary series was the Janssen COVID-19 vaccine; or
- 3) Received an additional dose and one booster dose **less than four months ago; or**
- 4) **Received a second booster dose.**

Primary vaccine series

Completing a primary vaccine series means receiving:

- A 2-dose series of an mRNA COVID-19 vaccine (Pfizer-BioNTech and Moderna), **OR**
- A single dose of Janssen COVID-19 vaccine

Common Errors for COVID Pathway

For **each positive test**, summarize the vaccination status for the newly confirmed viral test result.

1. Not vaccinated
2. Partial vaccination
3. Complete vaccination

Residents admitted or readmitted from another facility who were previously on-based precautions. *Excludes recovered residents.*

Number of COVID-19 NAAT (PCR) tests who have been positive since the start of the reporting period.

Newly Confirmed

Not Vaccinated	Partial Vaccination	Complete Vaccination

test result (for example, SARS-CoV-2 antigen testing).

Resident vaccinated with COVID-19 vaccine before the start of the reporting period.

Only 1-dose of unspecified COVID-19 vaccine for residents who have received a two-dose mRNA vaccine (for example, Moderna or Pfizer-BioNTech) OR 1 Dose of the Janssen COVID-19 Vaccine.

Error

POSITIVE TESTS (previously called "Confirmed"): Number of residents newly positive for COVID-19 based on a viral test result must be equal to the sum of NOT VACCINATED, PARTIAL VACCINATION, and COMPLETE PRIMARY VACCINATION SERIES.

OK

Resident Impact Pathway

Positive tests must equal the sum of Not Vaccinated + Partial + Complete Primary

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

<input type="text" value="5"/>	* ADMISSIONS: Number of residents admitted or readmitted from another facility who were previously diagnosed with COVID-19 and continue to require transmission-based precautions. <i>Excludes recovered residents.</i>
<input type="text" value="20"/>	* 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.

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

** PRIMARY SERIES: Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.	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	<input type="text" value="2"/>
	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).	<input type="text" value="0"/>
	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.	<input type="text" value="18"/>

Take Care to Submit Accurately!

<p>★★ ADDITIONAL OR BOOSTER DOSES</p>	<p>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.</p> <p><i>Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.</i></p>	<p>15</p>
<p>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.</p>		
<p>★★ BOOSTER DOSES</p>	<p>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.</p>	<p>10</p>
	<p>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.</p>	<p>0</p>
<p>★★ Up to Date Vaccination Status</p>		
<p>Up to Date: Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date.</p>		
<p>Note: Please review the current definition of up to date: https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf</p>		
<p>16</p>		

Questions or Need Help?

Please submit questions by email to nhsn@cdc.gov and put the module in the subject line for a faster response.

Facilities can contact CMS with questions about reporting requirements and quality reporting:

- Long-term care facilities weekly reporting:
[DNH TriageTeam@cms.hhs.gov](mailto:DNHTriageTeam@cms.hhs.gov)
- Skilled nursing facilities quality reporting program: SNFQualityQuestions@cms.hhs.gov

Questions?



Thank You for Your Time!

Contact the Patient Safety Team



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Mark Your Calendar!



Shop Talk 3rd Thursdays at 2pm ET

Registration Links:

[Thursday, August 18, 2022](#)

[Thursday, September 15, 2022](#)

[Thursday, October 20, 2022](#)

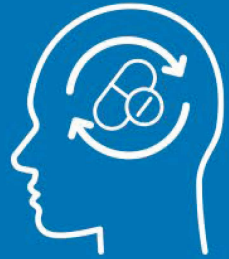
[Thursday, November 17, 2022](#)

[Thursday, December 15, 2022](#)

Visit our website for more info:

<https://quality.allianthealth.org/topic/shop-talks/>

Nursing Home and Partnership for Community Health: CMS 12th SOW GOALS



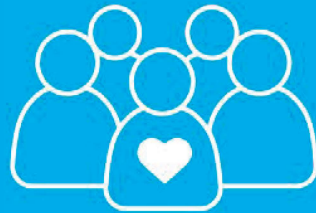
OPIOID UTILIZATION AND MISUSE

- Promote opioid best practices
-
- Reduce opioid adverse drug events in all settings



PATIENT SAFETY

- Reduce hospitalizations due to c. diff
-
- Reduce adverse drug events
-
- Reduce facility acquired infections



CHRONIC DISEASE SELF- MANAGEMENT

- Increase instances of adequately diagnosed and controlled hypertension
-
- Increase use of cardiac rehabilitation programs
-
- Reduce instances of uncontrolled diabetes
-
- Identify patients at high-risk for kidney disease and improve outcomes



CARE COORDINATION

- Convene community coalitions
-
- Reduce avoidable readmissions, admissions to hospitals and preventable emergency department visits
-
- Identify and promote optimal care for super utilizers



COVID-19

- Support nursing homes by establishing a safe visitor policy and cohort plan
-
- Provide virtual events to support infection control and prevention
-
- Support nursing homes and community coalitions with emergency preparedness plans



IMMUNIZATION

- Increase influenza, pneumococcal, and COVID-19 vaccination rates



TRAINING

- Encourage completion of infection control and prevention trainings by front line clinical and management staff

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