



# National Healthcare Safety Network (NHSN) COVID-19 Reporting

Rose Chen, MPH, RD  
Health Services Advisory Group  
October 28–29, 2021

# Health Services Advisory Group (HSAG)

- HSAG is the Medicare Quality Innovation Network-Quality Improvement Organization (QIN-QIO) for California and Arizona.
- QIN-QIOs in every state and territory are united in a network administered by the Centers for Medicare & Medicaid Services (CMS).
- The QIN-QIO program is the largest federal program dedicated to improving health quality at the community level.

# Agenda

- NHSN Overview
- Long-Term Care Facility (LTCF) Reporting Requirements
- LTCF COVID-19 Module Overview
  - COVID-19 Pathway Reporting
  - Point-of-Care (POC) Test Reporting
  - COVID-19 Vaccination Reporting
- Weekly COVID-19 Vaccination Reporting




# NHSN Overview

# What is NHSN?

- Centers for Disease Control and Prevention's (CDC) infection tracking system
- Most widely used healthcare-associated infection (HAI) tracking system in the nation
- The Centers for Medicare & Medicaid Services (CMS) relies on NHSN for regulatory functions, public reporting, and incentive payment programs, including mandatory COVID-19 reporting from all **15,400** U.S. nursing homes
- [NHSN Fact Sheet](https://www.cdc.gov/nhsn/pdfs/NHSN-FactSheet-508.pdf) (PDF)  
([www.cdc.gov/nhsn/pdfs/NHSN-FactSheet-508.pdf](https://www.cdc.gov/nhsn/pdfs/NHSN-FactSheet-508.pdf))

- Real-time and shareable data
  - Clinicians
  - Facility leadership
  - Other facilities (e.g., a multi-facility system)
  - Health Departments
  - QIOs
- Standardized national measures for HAIs
- Analytic tools
- Conduit to meet CMS infection reporting requirements

 **SAMS**  
secure access management services

**Warning:** This warning banner provides privacy and security notices consistent with applicable federal laws, directives, and other federal guidance for accessing this Government system, which includes all devices/storage media attached to this system. This system is provided for Government-authorized use only. Unauthorized or improper use of this system is prohibited and may result in disciplinary action and/or civil and criminal penalties. At any time, and for any lawful Government purpose, the government may monitor, record, and audit your system usage and/or intercept, search and seize any communication or data transiting or stored on this system. Therefore, you have no reasonable expectation of privacy. Any communication or data transiting or stored on this system may be disclosed or used for any lawful Government purpose.

Choose a login option

External Partners

SAMS Credentials



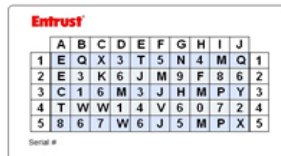
SAMS Username

SAMS Password

Login

[Forgot Your Password?](#)

SAMS Grid Card



OR

Click the Login button to sign on with a SAMS Grid Card

Login

HHS Staff

AMS Login



[How to use AMS](#)

Login

OR

AMS One Time Password



[How to use OTP](#)

Login

For all HHS staff including Operating

[CDC NHSN Secure Access Management Services \(SAMS\)](https://sams.cdc.gov)  
(sams.cdc.gov)

# What is SAMS?

- Secure Access Management Services (SAMS)
- Federal information technology system
- Give authorized personnel secure access to non-public CDC application
- If you are new to NHSN, you need to gain access to SAMS
- [About SAMS CDC NHSN webpage](http://www.cdc.gov/nhsn/sams/about-sams.html)  
(www.cdc.gov/nhsn/sams/about-sams.html)





# LTCF Reporting Requirement

# CMS COVID-19 NHSN Reporting Requirement for Nursing Homes

- CMS-certified LTCF (Skilled Nursing Facilities (SNFs) and/or Nursing Facilities)
- COVID-19 Pathway Reporting
  - Effective May 8, 2020
- COVID-19 Vaccination Reporting
  - Effective June 13, 2021
- Frequency
  - Must continue submitting COVID-19 data to NHSN at least weekly (at least once every 7 days)
  - May choose to submit multiple times a week
  - Data pulled each Monday to update [CMS public website](https://data.cms.gov/covid-19/covid-19-nursing-home-data) (data.cms.gov/covid-19/covid-19-nursing-home-data)
- [CDC NHSN COVID-19 Resource](https://www.cdc.gov/nhsn/pdfs/covid19/ltnf/cms-covid19-req-508.pdf) (PDF)  
(www.cdc.gov/nhsn/pdfs/covid19/ltnf/cms-covid19-req-508.pdf)

# CDPH SNF COVID-19 Reporting Requirement

- [AFL 20-43 SNF COVID-19 Daily Reporting](http://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-43.aspx)  
([www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-43.aspx](http://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-43.aspx))
- [AFL 20-60 SNF Weekly Reporting](http://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-60.aspx)  
([www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-60.aspx](http://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-60.aspx))
- [SNF COVID-19 Daily Reporting Survey page](http://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/SNF-COVID-19-Daily-Reporting.aspx)  
([www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/SNF-COVID-19-Daily-Reporting.aspx](http://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/SNF-COVID-19-Daily-Reporting.aspx))
- **Data Dictionary:**
  - [SNF COVID-19 Daily Reporting AFL-20-43 Attachment 1](http://www.cdph.ca.gov/Programs/CHCQ/LCP/CDPH%20Document%20Library/AFL-20-43-Attachment-01.pdf) (PDF)  
([www.cdph.ca.gov/Programs/CHCQ/LCP/CDPH%20Document%20Library/AFL-20-43-Attachment-01.pdf](http://www.cdph.ca.gov/Programs/CHCQ/LCP/CDPH%20Document%20Library/AFL-20-43-Attachment-01.pdf))
  - [SNF COVID-19 Weekly Testing and Vaccination Reporting](http://www.cdph.ca.gov/Programs/CHCQ/LCP/CDPH%20Document%20Library/AFL-20-60-Attachment-01.pdf) (PDF)  
([www.cdph.ca.gov/Programs/CHCQ/LCP/CDPH%20Document%20Library/AFL-20-60-Attachment-01.pdf](http://www.cdph.ca.gov/Programs/CHCQ/LCP/CDPH%20Document%20Library/AFL-20-60-Attachment-01.pdf))

# Weekly COVID-19 Vaccination Data Reporting Timeline

Mon	Tue	Wed	Thu	Fri	Sat	Sun
10/4	10/5	10/6	10/7	10/8	10/9	10/10
REPORTING WEEK (Collect Vaccination Data)						
Enter Data into NHSN (Add/Edit)						
10/11	10/12	10/13	10/14	10/15	10/16	10/17
Enter Data into NHSN (Add/Edit)						
CDPH Weekly Survey (Enter in Survey123)			*CDPH upload to NHSN		Edit data in NHSN	

# NHSN Frequently Asked Questions (FAQ)

**Q:** If we are reporting vaccine data directly into NHSN, are we still required to do the CDPH weekly 1, 2, 3 survey?

- **A:** Yes, SNFs are required to report to both NHSN and the California Department of Public Health (CDPH). CDPH will upload the vaccination data into NHSN for SNFs that conferred rights.

**Q:** If our SNF reports vaccination data directly into NHSN, what will happen if CDPH also submits data to NHSN?

- **A:** When CDPH uploads the vaccination data into NHSN for the SNFs that conferred rights, the data already inputted by SNFs will remain. CDPH cannot override existing data. SNFs can edit the data after the CDPH upload.

**Q:** When will CDPH upload the vaccine data into NHSN every week?

- **A:** CDPH will upload vaccination data every Thursday for the previous week.



# COVID-19 Pathway Reporting

# Four Surveillance Pathways

## Resident and Facility Capacity

Admissions

Newly (+) Tests

Test Type

Vaccination Status

Re-infections

Deaths

Influenza

Respiratory Illness

Co-infections

COVID-19 Viral Testing

Testing Resources

## Staff and Personnel Impact

Newly (+) Tests

Test Type

Re-infections

COVID-19 Deaths

Influenza

Respiratory Illness

Co-infections

Staffing Shortages

## Supplies and Personal Protective Equipment (PPE)

PPE Supply Availability

Alcohol-based Hand Rub

## Therapeutics

Residents Treated

In-house Stock

Stock Stored Outside the LTCF

# NHSN Resources

- [NHSN LTCF COVID-19 Module](https://www.cdc.gov/nhsn/ltc/covid19/index.html)  
([www.cdc.gov/nhsn/ltc/covid19/index.html](https://www.cdc.gov/nhsn/ltc/covid19/index.html))
  - Table of Instructions
  - Data Collection Forms
  - Facility and Group CSV Data Import

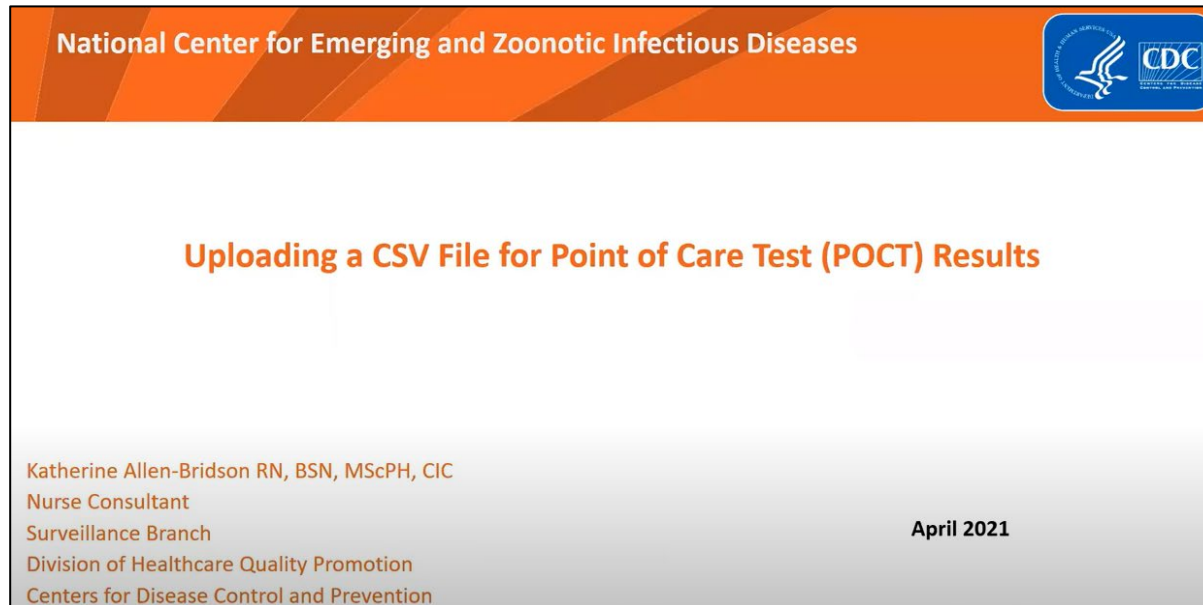




# POC Test Reporting

# POC Test Result Reporting

- [POC Testing Reporting Tool FAQs \(PDF\)](#)  
([www.cdc.gov/nhsn/pdfs/covid19/lctf/lctf-poc-faq-508.pdf](http://www.cdc.gov/nhsn/pdfs/covid19/lctf/lctf-poc-faq-508.pdf))
- [Video: How to Upload a CSV File for POC Testing Results](#)  
([www.youtube.com/watch?v=8rV09Td1GvU](http://www.youtube.com/watch?v=8rV09Td1GvU))



The screenshot shows a presentation slide with an orange header. The header text reads "National Center for Emerging and Zoonotic Infectious Diseases" and includes the CDC logo. The main title of the slide is "Uploading a CSV File for Point of Care Test (POCT) Results". The presenter's name and affiliation are listed at the bottom left, and the date "April 2021" is at the bottom right.

National Center for Emerging and Zoonotic Infectious Diseases

Uploading a CSV File for Point of Care Test (POCT) Results

Katherine Allen-Bridson RN, BSN, MScPH, CIC  
Nurse Consultant  
Surveillance Branch  
Division of Healthcare Quality Promotion  
Centers for Disease Control and Prevention

April 2021



# Weekly COVID-19 Vaccination Reporting

# Where to Report Vaccination Data in NHSN

#1

#2

The image shows a navigation flow from the NHSN Long Term Care Facility dashboard to the COVID-19 vaccination reporting page. A red arrow points from the 'COVID-19' menu item in the left sidebar to the 'Vaccination Summary' page. A second red arrow points from the 'Action Items' section to the 'Vaccination Summary' page.

**NHSN - National Healthcare Safety Network**

**NHSN Home**

- Alerts
- Dashboard
- Reporting Plan
- Resident
- Event
- Summary Data
- COVID-19**
- Vaccination Summary
- Import/Export
- Surveys
- Analysis

**NHSN Long Term Care Facility**

- Long Term Care Dashboard
- Action Items**

**COVID-19**

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

**NHSN Home**

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

**Vaccination Summary Data**

Click a cell to begin entering data for the week of Reporting of medical events or health problems that occur after vaccination

26 April 2021 - 06 June 2021

Weekly Vaccination Calendar

04/26/2021 (Monday) - 05/02/2021 (Sunday)

05/03/2021 (Monday) - 05/09/2021 (Sunday)


**COVID-19**

05/10/2021 (Monday) - 05/16/2021 (Sunday)


# COVID-19 Vaccination Data Entry Screens

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

## 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>.

◀  ▶ 27 September 2021 - 07 November 2021

Record Complete  Record Incomplete

### Weekly Vaccination Calendar

Week	COVID-19: HCW	COVID-19: Residents
09/27/2021 (Monday) - 10/03/2021 (Sunday)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10/04/2021 (Monday) - 10/10/2021 (Sunday)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

# COVID-19 Vaccination Data Entry Screens (cont.)

**Edit Vaccine Data**

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

Healthcare Personnel COVID-19 Cumulative Vaccination Summary for Long-term Care Facility

Date Created: 04/22/2021 2:18PM  
 Facility ID: 20568  
 Week of Data Collection: 04/05/2021 - 04/11/2021  
 Vaccination type: COVID-19  
 Date Last Modified: 04/22/2021 2:25PM

Cumulative Vaccination Coverage

	All HCP (Total)	Ancillary services employees <sup>a</sup>	Nurse employees <sup>b</sup>	Aide, assistant, and technician employees <sup>c</sup>	Therapist employees <sup>d</sup>	Licensed independent practitioner employees <sup>e</sup>	Other HCP <sup>f</sup>
1. *Number of HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection	100	10					

*Note: The 'All HCP (Total)' cell is highlighted with a red border.*

This is the first date that a user entered and saved COVID-19 Vaccine: HCW data for the below week of data collection

This is the date that a user last edited and saved COVID-19 Vaccine: HCW data for the below week of data collection. Note if this date is the same as Date Created, it means that the record has not been updated since initial entry.

## [NHSN COVID-19 Data Entry Screen](#) (PDF)

([www.cdc.gov/nhsn/pdfs/covid19/lctf/data-entry-508.pdf](http://www.cdc.gov/nhsn/pdfs/covid19/lctf/data-entry-508.pdf))

# COVID-19 Vaccination Reporting Guidance



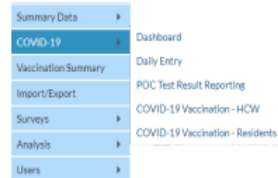
## LONG-TERM CARE FACILITY (LTCF) Weekly COVID-19 Vaccination Reporting

### Getting Started with Weekly COVID-19 Vaccination Reporting

The purpose of this document is to assist long-term care facilities (LTCFs) with reporting weekly COVID-19 vaccination data for residents and healthcare personnel (HCP) through CDC's NHSN. This reporting can help facilities monitor COVID-19 vaccination coverage over time. This document outlines the steps facilities should take to enter data.

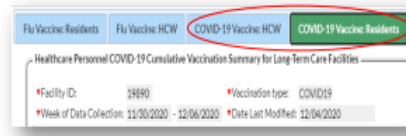
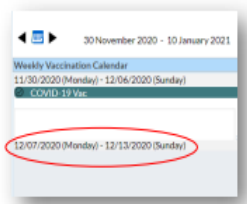
#### Entering Weekly COVID-19 Vaccination Data for Residents

1. Access the LTCF Component homepage in NHSN.
2. Click on 'COVID-19' on the left-hand navigation bar.
3. Select 'COVID-19 Vaccination – Residents' from the options listed.
4. To report weekly COVID-19 vaccination data, click on the week for which you wish to report data.
5. To report data for residents, click on the 'COVID-19 Vaccine: Residents' tab on the data entry screen.
6. Enter data and be sure to click 'Save' at the bottom of the data entry screen.



#### Entering Weekly COVID-19 Vaccination Data for HCP

1. Access the LTCF Component homepage in NHSN.
2. Click on 'COVID-19' on the left-hand navigation bar.
3. Select 'COVID-19 Vaccination – HCW' from the options listed.
4. To report weekly COVID-19 vaccination data, click on the week for which you wish to report data.
5. To report data for HCP, click on the 'COVID-19 Vaccine: HCW' tab on the data entry screen.
6. Enter data and be sure to click 'Save' at the bottom of the data entry screen.



#### Resources

- Training materials, such as data collection forms, tables of instructions for completion of the forms, and presentation slides are available at: <https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html>
- Please send any questions via e-mail to: [nhsn@cdc.gov](mailto:nhsn@cdc.gov) with 'Weekly COVID-19 Vaccination' in the subject line.

## Long-Term Care Facility (LTCF) Weekly COVID-19 Vaccination Reporting (PDF)

([www.cdc.gov/nhsn/pdfs/ltc/covidva x/ltc-weekly-covid-guidance-508.pdf](http://www.cdc.gov/nhsn/pdfs/ltc/covidva x/ltc-weekly-covid-guidance-508.pdf))



# Three Key Questions for Weekly COVID-19 Vaccination Modules

1. Number of current residents (or HCP)?
2. Number of these individuals who have **ever been** vaccinated (cumulative number vaccinated)?
3. Number of these individuals not receiving vaccination due to medical contraindications or exclusions?

Cumulative Vaccination Coverage	
1. *Number of residents staying in this facility for at least 1 day during the week of data collection	<input type="text"/>
2. * <b>Cumulative number</b> of residents in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020:	
2.1. <b>Only dose 1</b> of <i>Pfizer-BioNTech</i> COVID-19 vaccine	<input type="text"/>
2.2. <b>Dose 1 and dose 2</b> of <i>Pfizer-BioNTech</i> COVID-19 vaccine	<input type="text"/>
2.3. <b>Only dose 1</b> of <i>Moderna</i> COVID-19 vaccine	<input type="text"/>
2.4. <b>Dose 1 and dose 2</b> of <i>Moderna</i> COVID-19 vaccine	<input type="text"/>
2.5. <b>Dose</b> of <i>Janssen</i> COVID-19 vaccine	<input type="text"/>
2.99. Complete COVID-19 vaccination series: unspecified manufacturer	<input type="text"/>
<b>Any</b> completed COVID-19 vaccine series	<input type="text"/>
3. <b>Cumulative number</b> of residents in Question #1 with other conditions:	
3.1 *Medical contraindication or exclusion to COVID-19 vaccine	<input type="text"/>
3.2. Offered but declined COVID-19 vaccine	<input type="text"/>
3.3. Unknown COVID-19 vaccination status	<input type="text"/>

[Weekly HCP & Resident COVID-19 Vaccination](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html)

([www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html))



# Residents Reporting

- Report cumulative vaccination coverage
  - Include individuals who have ever received vaccine (not just new vaccinations)
- Question #1: Number of residents staying in this facility for at least 1 day
  - Total # of residents occupying a bed for at least 1 day (24 hours) during the week of data collection
  - Week of data collection begins on Monday and ends Sunday
  - Those not yet eligible to receive COVID-19 vaccination due to age should be excluded from this count.
  - This is the “denominator”

# Residents Reporting (cont.)

- Question #2: Cumulative number of residents who have received COVID-19 vaccine(s) since December 2020
  - Only include those residents staying in this facility for at least 1 day during the reporting week
  - Include receipt of COVID-19 vaccine at the facility or elsewhere; if documentation is not provided, report individuals with “unknown COVID-19 vaccination status”
  - Data sources may include resident health records and paper and/or electronic documentation of vaccination given at the healthcare facility or elsewhere
  - This is the “numerator”

# Residents Reporting (cont.)

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: <input type="text"/>			
*Facility ID: 45188		*Vaccination type: COVID19	
*Week of Data Collection: 05/03/2021 - 05/09/2021		*Date Last Modified: <input type="text"/>	
Cumulative Vaccination Coverage			
1. *Number of residents staying in this facility for at least 1 day during the week of data collection			<input type="text"/>
2. *Cumulative number of residents in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere			<input type="text"/>
<div style="border: 1px solid black; padding: 2px;"> <span style="background-color: #007bff; color: white; padding: 2px;">PFIZBION - Pfizer-BioNTech COVID-19 vaccine</span> </div>			<input type="text"/>
2.1 *Only dose 1 of Pfizer-BioNTech COVID-19 vaccine			<input type="text"/>
2.2 *Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine			<input type="text"/>
Any completed COVID-19 vaccine series			0
3. <u>Cumulative</u> number of residents in Question #1 with other conditions:			
3.1 *Medical contraindication to COVID-19 vaccine			<input type="text"/>
3.2. Offered but declined COVID-19 vaccine			<input type="text"/>
3.3. Unknown COVID-19 vaccination status			<input type="text"/>
3.4. History of laboratory-confirmed SARS-CoV-2 infection			<input type="text"/>

- Step 1: Select a COVID-19 vaccine from the drop-down box
- Step 2: Enter cumulative # of current residents who received only dose 1 of vaccine
- Step 3: Enter cumulative # of current residents who received both dose 1 and dose 2 of vaccine
- Step 4: If residents received another type of vaccine, repeat steps 1–3

# Residents Reporting (cont.)

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

Date Created: [redacted]  
 Facility ID: 43188  
 Week of Data Collection: 05/03/2021 - 05/09/2021  
 Vaccination type: COVID-19  
 Date Last Modified: [redacted]

Cumulative Vaccination Coverage

1. Number of residents staying in this facility for at least 1 day during the week of data collection: [input field]

2. Complete COVID-19 vaccination series: [input field]

Where: **JANSEN - Janssen COVID-19 vaccine**

2.1 Only-dose 1 of Pfizer-BioNTech COVID-19 vaccine: [input field]

2.2 Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine: [input field]

2.3 Dose of Janssen COVID-19 vaccine: [input field]

2.99 Complete COVID-19 vaccination series: unspecified manufacturer: [input field]

Any completed COVID-19 vaccine series: 0

- If a COVID-19 vaccine requires only one dose, one question will appear on the data entry screen

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

Date Created: [redacted]  
 Facility ID: 43188  
 Week of Data Collection: 05/03/2021 - 05/09/2021  
 Vaccination type: COVID-19  
 Date Last Modified: [redacted]

Cumulative Vaccination Coverage

1. Number of residents staying in this facility for at least 1 day during the week of data collection: [input field]

2. Complete COVID-19 vaccination series: [input field]

Where: **UNSPECIFIED - Unspecified manufacturer**

2.1 Only-dose 1 of Pfizer-BioNTech COVID-19 vaccine: [input field]

2.2 Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine: [input field]

2.3 Dose of Janssen COVID-19 vaccine: [input field]

2.99 Complete COVID-19 vaccination series: unspecified manufacturer: [input field]

Any completed COVID-19 vaccine series: 0

- “Unspecified manufacturer”
  - Residents who received complete COVID-19 vaccination elsewhere, but the information for the specific manufacture of the vaccine was unavailable
  - Residents who received complete COVID-19 two-dose vaccination series, and had documentation of different manufactures for each dose received

# Residents Reporting (cont.)

- Question #3: Cumulative number of residents who have medical contraindications or exclusions to COVID-19 vaccine
  - Only include those residents staying in this facility for at least 1 day during the reporting week
  - Medical contraindications:
    - Severe allergic reaction to vaccine or components
  - Current exclusions:
    - Receipt of monoclonal antibodies or convalescent plasma as part of COVID-19 treatment in the previous 90 days
    - In quarantine or isolation for known COVID-19 exposure or known current SARS-CoV-2 infection
    - Receipt of another vaccine in the previous 14 days
- [Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Authorized in the United States](https://www.cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html)  
([www.cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html](https://www.cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html))

## **Weekly Vaccination Data Healthcare Personnel**

New required categories

- **Employees**
- **Licensed independent practitioners**
- **Adult students/trainees and volunteers**
- **Other contract personnel**

Question #3.2 (offered but declined COVID-19 vaccine) and question #3.3 (unknown COVID-19 vaccination status) will now be required.

# COVID-19 Vaccine: Health Care Worker (HCW)

COVID-19 Vaccine: HCW		COVID-19 Vaccine: Residents				
Healthcare Personnel COVID-19 Cumulative Vaccination Summary for Long-Term Care Facilities						
Date Created:					Facility CCN #:	
*Facility ID:		*Vaccination type: COVID19				
*Week of Data Collection: 09/27/2021 - 10/03/2021		*Date Last Modified:				
Cumulative Vaccination Coverage						
Healthcare Personnel (HCP) Categories						
		Employee HCP	Non-Employee HCP			
	*All Core HCP (Total) <sup>a</sup>	*All HCP (Total) <sup>b</sup>	*Employees (staff on facility payroll) <sup>c</sup>	*Non-employee HCP (licensed independent practitioners) <sup>d</sup>	*Adult students/trainees/volunteers <sup>e</sup>	*Other contract personnel <sup>f</sup>
1. *Number of HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection						

# COVID-19 Vaccine: HCW (cont.)

Data Field	Instructions
*Employee HCP (Staff on facility payroll)	All persons receiving a direct paycheck from the healthcare facility (i.e., on the facility's payroll), regardless of clinical responsibility or patient contact.
*Non-Employee HCP (Licensed independent practitioners: Physicians, advanced practice nurses, and physician assistants)	-MD, DO, NP, PA affiliated with the healthcare facility, but are not directly employed by it (i.e., they do not receive a paycheck from the facility), regardless of clinical responsibility or patient contact. -Post-residency fellows
*Non-Employee HCP (Adult students/trainees and volunteers)	-Medical, nursing, or other health professional students, interns, medical residents, or volunteers aged 18 or older that are affiliated with the healthcare facility, but are not directly employed by it (i.e., they do not receive a paycheck from the facility), regardless of clinical responsibility or patient contact.
*Non-Employee HCP (Other Contract Personnel)	Persons providing care, treatment, or services at the facility through a contract who do not meet the definition of any other required denominator category.

\*Required fields



# NHSN HCP Categories (cont.)

	Healthcare Personnel (HCP) Categories					
	All Core HCP <sup>a</sup>	All HCP <sup>b</sup>	Employee HCP	Non-Employee HCP		
			*Employees (staff on facility payroll) <sup>c</sup>	*Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants <sup>d</sup>	*Adult students/trainees & volunteers <sup>e</sup>	*Other Contract Personnel <sup>f</sup>
1. <sup>a</sup> Number of HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection						

**All of these are included in the CMS calculations**

[NHSN Instructions for Completion of the Weekly Healthcare Personnel COVID-19 Vaccination Cumulative Summary](https://www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf) (PDF)  
([www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf](https://www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf))

# How Vaccine Rates Changes With all HCP Being Included

94 employed staff (78 vaccinated) AND  
18 volunteers\* (only 1 vaccinated)

6 licensed independent practitioners\*\* (only 3 vaccinated)

**Your vaccine rate with just  
your employed staff:**

$$78/94 = 83\%$$

**With your employed staff,  
plus volunteers, contract,  
and other:**

$$82/118 = 69\%$$

\* students/trainees/volunteers

\*\* physicians, advanced practice nurses, and PAs

# Common Data Issue

		Cumulative Vaccination Coverage					
		Healthcare Personnel (HCP) Categories					
		Employee HCP			Non-Employee HCP		
		All Core HCP (Total) <sup>a</sup>	All HCP (Total) <sup>a</sup>	Employees (staff on facility payroll) <sup>b</sup>	Non-employee HCP (licensed independent practitioners) <sup>c</sup>	Adult students/trainees/volunteers <sup>d</sup>	Other contract personnel <sup>e</sup>
<b>#1 = 105</b>	1. Number of HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection	95	105	85	5	5	10
	2. Cumulative number of HCP in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020: Add vaccine: <input type="text"/>						
<b>#2 Total = 100</b>	2.1 Only dose 1 of Pfizer-BioNTech COVID-19 vaccine	5	5	5	0	0	0
	2.2 Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine	60	70	50	5	5	10
	2.3 Only dose 1 of Moderna COVID-19 vaccine	0	0	0	0	0	0
	2.4 Dose 1 and dose 2 of Moderna COVID-19 vaccine	0	0	0	0	0	0
	2.5 Dose of Janssen COVID-19 vaccine	25	25	25	0	0	0
	Any completed COVID-19 vaccine series	85	95	75	5	5	10
		All Core HCP (Total) <sup>a</sup>	All HCP (Total) <sup>a</sup>	Employees (staff on facility payroll) <sup>b</sup>	Non-employee HCP (licensed independent practitioners) <sup>c</sup>	Adult students/trainees/volunteers <sup>d</sup>	Other contract personnel <sup>e</sup>
<b>#3 Total = 5</b>	3. Cumulative number of HCP in Question #1 with other conditions:						
	3.1 Medical contraindication or exclusion to COVID-19 vaccine	2	2	2	0	0	0
	3.2 Offered but declined COVID-19 vaccine	2	2	2	0	0	0
	3.3 Unknown COVID-19 vaccination status	1	1	1	0	0	0

**# Vaccinated (Question 2) + # Unvaccinated (Question 3) = Total # of HCP or Resident (Question 1)**

# Data Entry Tip

**# Vaccinated (Question 2) + # Unvaccinated (Question 3)  
= Total # of HCP or Resident (Question 1)**

- **Total # of HCP = 105**

- 5 Partially Vaccinated

- 95 Fully Vaccinated

**Question #2= 100**

- 2 Medical Contraindication

- 2 Declined (religious belief)

- 1 Unknown

- (No vaccination documentation)

**Question #3= 5**

# Updated Resources (September 2021)

- **Weekly COVID-19 Vaccination Reporting for Residents**
  - [Data collection form](https://www.cdc.gov/nhsn/forms/57.218-p.pdf) (PDF)  
([www.cdc.gov/nhsn/forms/57.218-p.pdf](https://www.cdc.gov/nhsn/forms/57.218-p.pdf))
  - [Table of instructions](https://www.cdc.gov/nhsn/forms/instr/57.218-toi-508.pdf) (PDF)  
([www.cdc.gov/nhsn/forms/instr/57.218-toi-508.pdf](https://www.cdc.gov/nhsn/forms/instr/57.218-toi-508.pdf))
- **Weekly COVID-19 Vaccination Reporting for Healthcare Personnel (HCP)**
  - [Data collection form](https://www.cdc.gov/nhsn/forms/57.219-p.pdf) (PDF)  
([www.cdc.gov/nhsn/forms/57.219-p.pdf](https://www.cdc.gov/nhsn/forms/57.219-p.pdf))
  - [Table of instructions](https://www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf) (PDF)  
([www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf](https://www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf))

# Updated Resources (September 2021); New

- Weekly Vaccination Data Tracking Worksheet
  - [Residents](#) (Excel)  
([www.cdc.gov/nhsn/pdfs/ltc/covidvax/track-res-covidvax.xlsx](http://www.cdc.gov/nhsn/pdfs/ltc/covidvax/track-res-covidvax.xlsx))
  - [HCP](#) (Excel)  
([www.cdc.gov/nhsn/pdfs/ltc/covidvax/track-hcp-covidvax.xlsx](http://www.cdc.gov/nhsn/pdfs/ltc/covidvax/track-hcp-covidvax.xlsx))
- [Updated COVID-19 Vaccination FAQs](#)  
([www.cdc.gov/nhsn/hps/weekly-covid-vac/faqs.html](http://www.cdc.gov/nhsn/hps/weekly-covid-vac/faqs.html))

<b>Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Long-Term Care Facilities</b> <b>TRACKING WORKSHEET</b>	*Facility ID#:	555666
	Vaccination type:	COVID_19
	*First day of Reporting Week (Monday):	5/17/2021
	Last day of the reporting week (Sunday):	5/23/2021

Enter your Facility ID Here

Select the Monday of the start of the week you are reporting

Last day of the reporting week automatically populated

HCP Start of Employment Date (Enter Date)	HCP End of Employment Date (Enter Date)	HCP Last Name (Enter name)	HCP First Name (Enter name)	Unique HCP Identifier (Enter DOB, License #, etc.)	*Vaccinated with Dose 1 (Enter date of vaccination 1)	*Dose 1 Vaccine Manufacturer Name (choose from drop-down)	*Vaccinated with Dose 2 (Enter date of vaccination 2)	*Dose 2 Vaccine Manufacturer Name (choose from drop-down)	Is Vaccination Series Complete? (Please Enter YES/NO for Red Cells)	Adverse Event Noted This Week? (Enter date of event)	*Contraindication or Exclusion Noted (Enter date of Contra-Indication)	Declined COVID Vaccine (Enter date of Declination)	Vaccinated at Another Location? Select: Yes/No	History of laboratory positive COVID-19? Select: Yes/No
1/1/2009		Smith	Jane		2/1/2021	Pfizer_BioNTech	3/1/2021	Pfizer_BioNTech	YES					
1/1/2020		Jones	Jennifer		2/1/2021	Pfizer_BioNTech	3/1/2021	Moderna	YES					
1/1/2021		Davis	Bryan		2/15/2021	Unspecified	3/15/2021	Unspecified						
6/1/2021		Brown	David		4/1/2021	Janssen			YES				YES	
1/1/2021		Williams	Tim									2/1/2021		



# Tracking Worksheet

- Vaccination Education Tracking

Additional Comment (optional)	Vaccination Education Provided (Enter date)
	6/2/2021



# Reporting Summary

Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Long-Term Care Facilities TRACKING WORKSHEET	
Facility ID#:	555666
Vaccination type: COVID-19	COVID_19
Week of data collection first day (Monday):	5/17/2021
Week of data collection last day (Sunday):	5/23/2021
Date Last Modified:	

Cumulative Vaccination Coverage	
	* All HCP (Total)
<b>1. *Number of HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection</b>	4
<b>2. *Cumulative number of HCP in Question #1 who have received COVID-19 vaccine(s)</b>	
2.1. Only dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	0
2.2. Dose 1 and dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	1
2.3. Only dose 1 of <i>Moderna</i> COVID-19 vaccine	0
2.4. Dose 1 and dose 2 of <i>Moderna</i> COVID-19 vaccine	0
2.5. One dose of <i>Janssen</i> COVID-19 vaccine	0
2.99 Complete COVID-19 vaccination series: Unspecified Manufacturer	1
<b>3. Cumulative number of HCP in Question #1 with other conditions:</b>	
3.1 *Medical contraindication or exclusion to COVID-19 vaccine	0
3.2. Offered but declined COVID-19 vaccine	1
3.3. Unknown COVID-19 vaccination status	1

# Line List

- View weekly NHSN COVID-19 Vaccination data (including the create date and modify date) in a line list?
  - For more information visit [CDC Line List of COVID-19 Vaccination Data](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/covidvax-hps-linelist-508.pdf) (PDF)  
([www.cdc.gov/nhsn/pdfs/hps/covidvax/covidvax-hps-linelist-508.pdf](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/covidvax-hps-linelist-508.pdf))

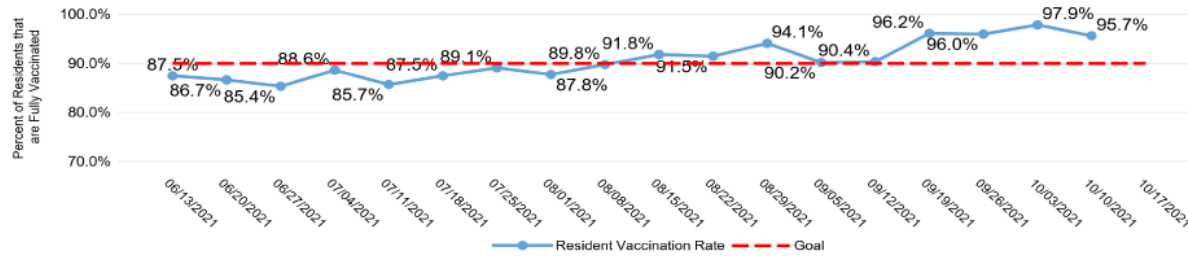
Type of Vaccination	Week of data collection, start date	Week of data collection, end date	Number of HCP Eligible to Work - All HCP (Total)	Cumulative number of Eligible HCP who completed COVID-19 vaccine(s) dose at this facility or elsewhere	Cumulative number of Eligible HCP who have started but not completed COVID-19 vaccine(s) at this facility or elsewhere	Medical contraindication - All HCP (Total)	Offered but declined - All HCP (Total)	Unknown vaccination status - All HCP (Total)	Is your facility enrolled as a COVID-19 vaccination provider?	Had sufficient supply of COVID-19 vaccine(s) to offer all healthcare personnel the opportunity to receive COVID-19 vaccine(s) from your facility in the current reporting week?	Had other arrangements sufficient to offer all healthcare personnel the opportunity to receive COVID-19 vaccine(s) in the current reporting week?	Describe any other COVID-19 vaccination supply-related issue(s) at your facility	Percentage of persons who have received a completed vaccination course against SARS-CoV-2	Percentage of persons who have received a partial vaccination against SARS-CoV2 (NOTE: this measure would exclude vaccines that require only a single dose)	Percentage of persons who have received a completed vaccination course against SARS-CoV-2, excluding declinations from eligible HCPs
COVID19	09/27/2021	10/03/2021	.	77	2	0	6	0	N		Y	NONE	90.588	2.353	97.468
COVID19	10/04/2021	10/10/2021	.	76	2	0	8	0	N		Y	NONE	88.372	2.326	97.436
COVID19	10/11/2021	10/17/2021	.	76	3	0	8	0	N		Y	NONE	87.356	3.448	96.203

# HSAG Run Chart

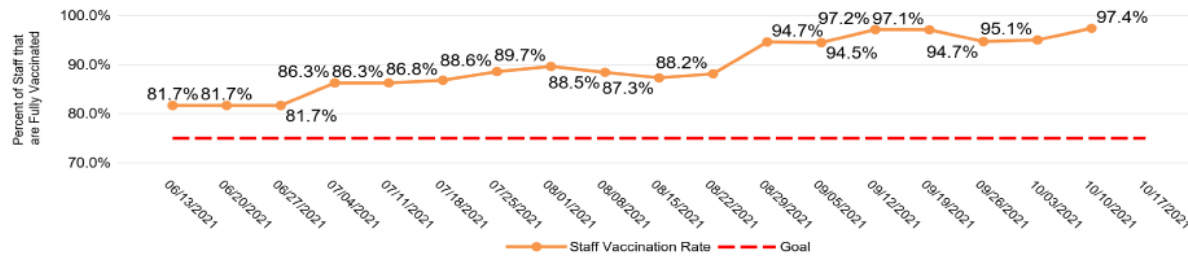
## COVID-19 Run Charts



### Resident: Vaccination Rate



### Staff: Vaccination Rate



Data Source: National Healthcare Safety Network (NHSN) Accessed on 10/18/2021, 07:54 EST  
 Each data point represents the cumulative percent of residents or staff without contraindications to the COVID-19 vaccine that are fully vaccinated. The listed date indicates the end point of the week. Please contact Rose Chen at rchen@hsag.com with any questions.

# Additional Resources

- [NHSN Weekly HCP and Resident COVID-19 Vaccination main page](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html)  
([www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html))
- [FAQs on Reporting COVID-19 Vaccination Data](https://www.cdc.gov/nhsn/hps/weekly-covid-vac/faqs.html)  
([www.cdc.gov/nhsn/hps/weekly-covid-vac/faqs.html](https://www.cdc.gov/nhsn/hps/weekly-covid-vac/faqs.html))
- SAMS Help Desk:  
877.681.2901 or [samshelp@cdc.gov](mailto:samshelp@cdc.gov)
- NHSN Help Desk: [NHSN@cdc.gov](mailto:NHSN@cdc.gov)



- **Q6. Should I include individuals not yet eligible to receive COVID-19 vaccination due to age in the data?**
  - Individuals not yet eligible to receive COVID-19 vaccination because of their age should be excluded from question #1 on the data collection form.
- **Q9. What if there are no changes to my data from one week to the next?**
  - If there are no changes to your data (for example, there are not any changes in the number of individuals and their vaccination status), then you would report the same numbers as the previous week. Because there could be new staff, residents, and/or patients joining or leaving the facility, vaccination coverage could change week by week even though no new vaccines are given.



- **Q10. I entered and saved data into the NHSN application for the incorrect week. What should I do?**
  - Once COVID-19 vaccination data are entered and saved in NHSN, a week cannot be deleted in its entirety. We recommend that you enter zeros (0) on the data collection form for the incorrect week. Please note that data can be updated or edited at any time. For the correct week, you can proceed to enter your COVID-19 vaccination data.
- **Q17. An individual received the first dose of a COVID-19 vaccine but had a severe allergic reaction to this. As a result, the individual did not receive the second vaccine dose. How should we categorize this individual?**
  - The individual should be counted only as receiving the first vaccine dose for question 2. Individuals should only be categorized in question 3.1 if they did not receive any doses of COVID-19 vaccine due to having a medical contraindication or exclusion to this vaccine.



- **Q25. Which individuals are eligible to receive additional doses or boosters after completing an initial COVID-19 vaccination series?**
  - Please refer to the following guidance to determine individuals who are eligible to receive additional doses or boosters after receiving an initial completed vaccination series: [CDC Interim Clinical Considerations for Use of COVID-19 Vaccines](https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html) (www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html)
  
- **Q27. What if a facility cannot determine if someone is eligible to receive an additional dose or booster after receiving an initial completed COVID-19 vaccination series?**
  - If the facility cannot determine this, then the individual should **not** be counted in question 4 or question 5 on the data collection form.

# Questions?

Rose Chen | [rchen@hsag.com](mailto:rchen@hsag.com)







This material was prepared by Health Services Advisory Group (HSAG), a Quality Innovation Network-Quality Improvement Organization (QIN-QIO) under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services (HHS). Views expressed in this material do not necessarily reflect the official views or policy of CMS or HHS, and any reference to a specific product or entity herein does not constitute endorsement of that product or entity by CMS or HHS. Publication No. QN-12SOW-XC-10272021-01