NHSN Enrollment and Reporting Healthcare Personnel COVID-19 Vaccination Data

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Speakers

Elizabeth Kalayil, MPH
Public Health Analyst
Division of Healthcare Quality Promotion
Lantana Consulting Group
Centers for Disease Control and Prevention (CDC)

Sherese Dennard, MEd
Program Analyst
Division of Healthcare Quality Promotion
Goldbelt C6, LLC/CDC

Moderator
Evette Robinson, MPH, CPHQ
Program Lead
Inpatient Psychiatric Facility Quality Reporting (IPFQR) Program
Inpatient Value, Incentives, and Quality Reporting (VIQR)
Outreach and Education Support Contractor

Purpose

At the end of this webinar attendees will understand how the National Healthcare Safety Network (NHSN) module can be used to report COVID-19 vaccination data for healthcare personnel (HCP).

Learning Objectives

- Introduce the value of reporting weekly COVID-19 vaccination data.

- Describe how the NHSN module can be used to report COVID-19 vaccination for HCP.

- Review how to report data in NHSN.

NHSN Enrollment and Reporting Healthcare Personnel (HCP)
COVID-19 Vaccination Data

Purpose and Key Questions for Modules

Usefulness of Reporting Cumulative Vaccine Coverage in NHSN

- Provide consistent and comparable data for facilities
  - Vaccination coverage may change as new staff are hired
  - Help target facility-level tracking and improvement efforts
- Deliver data to health authorities
  - Help identify vaccination coverage gaps and vaccine supply issues
  - Improve infection control policies and recommendations

Five Key Questions for Weekly COVID-19 Vaccination Modules

1. * Number of current HCP eligible to have worked at facility?

2. * Number of these HCP who have **ever been** vaccinated (cumulative number vaccinated) with a COVID-19 vaccine?

3. * Number of these HCP with other conditions?

Cumulative Vaccination Coverage	
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	
2. Cumulative number of HCP in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020:	
2.1. *Only dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	
2.2. *Dose 1 and dose 2 of *Pfizer-BioNTech* COVID-19 vaccine	
2.3. *Only dose 1 of *Moderna* primary COVID-19 vaccine	
2.4. *Dose 1 and dose 2 of *Moderna* COVID-19 vaccine	
2.5. *Dose of *Janssen* COVID-19 vaccine	
2.99. Complete COVID-19 vaccination series: unspecified manufacturer	
* Any completed COVID-19 vaccine series	
3. Cumulative number of HCP in Question #1 with other conditions:	
3.1. *Medical contraindication or exclusions to COVID-19 vaccine	
3.2. *Offered but declined COVID-19 vaccine	
3.3. *Unknown COVID-19 vaccination status	
4. *Cumulative number of HCP in question #2 eligible to receive an additional dose or booster of COVID-19 vaccine	
5. *Cumulative number of HCP in question #4 who have received an additional dose or booster of COVID-19 vaccine at this facility or elsewhere since August 2021	
5.1. *Additional dose or booster of *Pfizer-BioNTech* COVID-19 vaccine	
5.2. * Additional dose or booster of *Moderna* COVID-19 vaccine	
5.3 * Additional dose or booster of *Janssen* COVID-19 vaccine	
5.4. Additional dose or booster of unspecified manufacturer	
* Any Additional dose or booster of COVID-19 vaccine series	

Five Key Questions for Weekly COVID-19 Vaccination Modules (cont.)

4. * Number of HCP who have received a complete COVID-19 vaccine series **and** who are **eligible** to receive an **additional dose or booster**?

5. * Number of HCP in question 4 who have received an additional vaccine dose or booster since August 2021?

Cumulative Vaccination Coverage	
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	
2. Cumulative number of HCP in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020:	
2.1. *__Only__ dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	
2.2. ***Dose 1 and dose 2** of *Pfizer-BioNTech* COVID-19 vaccine	
2.3. *__Only__ dose 1 of *Moderna* primary COVID-19 vaccine	
2.4. ***Dose 1 and dose 2** of *Moderna* COVID-19 vaccine	
2.5. ***Dose** of *Janssen* COVID-19 vaccine	
2.99. Complete COVID-19 vaccination series: unspecified manufacturer	
* **Any** completed COVID-19 vaccine series	
3. Cumulative number of HCP in Question #1 with other conditions:	
3.1. *Medical contraindication or exclusions to COVID-19 vaccine	
3.2. *Offered but declined COVID-19 vaccine	
3.3. *Unknown COVID-19 vaccination status	
4. *Cumulative number of HCP in question #2 eligible to receive an additional dose or booster of COVID-19 vaccine	
5. *Cumulative number of HCP in question #4 who have received an additional dose or booster of COVID-19 vaccine at this facility or elsewhere since August 2021	
5.1. ***Additional dose or booster of** *Pfizer-BioNTech* COVID-19 vaccine	
5.2. * **Additional dose or booster of** *Moderna* COVID-19 vaccine	
5.3 * **Additional dose or booster of** *Janssen* COVID-19 vaccine	
5.4. **Additional dose or booster of** unspecified manufacturer	
* **Any Additional dose or booster of** COVID-19 vaccine series	

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data

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Which data can be reported each week?

Weekly COVID-19 Vaccination Reporting for Healthcare Personnel (HCP)

Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Non-Long-Term Care Facilities

Date Created:

Facility ID # *: 15428   Location Type *: Hospital

Vaccination type *: COVID19   Facility CCN #: 012545

Week of Data Collection: 09/06/2021 - 09/12/2021   Date Last Modified:

Cumulative Vaccination Coverage						
			Healthcare Personnel (HCP) Categories			
			Employee HCP	Non-Employee HCP		
	*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
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						
	*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
2. *Cumulative number of HCP in Question #1 who have received COVID-19 vaccines at this facility or elsewhere since December 2020:						
* Any completed COVID-19 vaccine series						

Key Updates: September 2021

- Revised HCP categories on the data collection form
  - Employee HCP
  - Non-employee HCP
    - Licensed independent practitioners
    - Adult students/trainees and volunteers
    - Other contract personnel

Employee HCP	Non-Employee HCP		
* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]

- All staff categories are required
- Facilities need to create a monthly reporting plan before entering data into the Healthcare Personnel Safety (HPS) Component in NHSN
- Question #3.2 (offered but declined COVID-19 vaccine) and question #3.3 (unknown COVID-19 vaccination status) are required
- All individuals reported in question 1 **must** be accounted for in question 2 or question 3

Note: Updated information as of September 2021 will be annotated by all throughout the presentation

Knowledge Check:
Monthly Reporting Plan

True or False – Facilities need to create a monthly reporting plan before entering data into the Healthcare Personnel Safety (HPS) Component in NHSN.

a. True

b. False

Knowledge Check:
Monthly Reporting Plan

True or False – Facilities need to create a monthly reporting plan before entering data into the Healthcare Personnel Safety (HPS) Component in NHSN.

a. True

b. False

The monthly reporting plan indicates to the NHSN system which modules and protocols a user intends to follow for surveillance purposes in a specific month. The plan must be completed before data are entered for that month. Monthly reporting plans must be created or updated to include resident and HCP COVID-19 vaccination summary reporting, i.e., vaccination data must be "in-plan" for data to be shared with CMS.

Question #1: *<u>Cumulative</u> number of HCP eligible to have worked at the facility

- Include all HCP who were eligible to have worked at this ☆ facility for at least 1 day during the week of data collection
    - Working any part of a day is considered as working 1 day
    - Include HCP even if they are on temporary leave during the week of data collection. Temporary leave is defined as less than or equal to 2 weeks in duration
        - Examples of temporary leave may include sick leave or vacation
        - If temporary leave extends past 2 weeks, then the healthcare worker should not be included in question #1 for the current week of data collection
- Data must be entered for each of the healthcare personnel categories
- Each individual should be counted only once in question 1

Question #1: *Cumulative number of HCP eligible to have worked at the facility

- Totals for 'All Core HCP' and 'All HCP' will be auto-calculated by NHSN
  - All Core HCP ☆
    - The sum of employees, licensed independent practitioners, and adult students/trainees & volunteers
  - All HCP ☆
    - The sum of employees, licensed independent practitioners, adult students/trainees & volunteers, and other contract personnel

	Cumulative Vaccination Coverage					
		Healthcare Personnel (HCP) Categories				
	All Core HCP [a]	All HCP [b]	Employee HCP	Non-Employee HCP		
			*Employees (staff on facility payroll)[c]	*Licensed independent practitioners: Physicians, advanced practice nurses, & physician assis)ants[d]	*Adult students/trainees & volunteers[e]	*Other Contract Personnel[f]
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						
2. Cumulative number of HCP in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020:						
2.1. *Only dose 1 of Pfizer-BioNTech COVID-19 vaccine						
2.2. *Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine						
2.3. *Only dose 1 of Moderna primary COVID-19 vaccine						
2.4. *Dose 1 and dose 2 of Moderna COVID-19 vaccine						

Question #1 (cont.)
Healthcare Personnel Categories – Employee HCP

- Employees (staff on payroll) [required]☆
  - Include all persons receiving a direct paycheck from the healthcare facility (i.e., on the facility's payroll), regardless of clinical responsibility or patient contact.

| | | | Healthcare Personnel (HCP) Categories | | | |
| | | | Employee HCP | Non-Employee HCP | | |
	*All Core HCP (Total)[a]	*All HCP (Total)[b]	*Employees (staff on facility payroll)[c]	*Non-employee HCP (licensed independent practitioners)[d]	*Adult students/trainees/volunteers[e]	*Other contract personnel[f]
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						

- Licensed independent practitioners (Physicians, advanced practice nurses, & physician assistants) [required] ☆
  - Include physicians (MD, DO); advanced practice nurses; and physician assistants only who 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. Post-residency fellows are also included in this category.

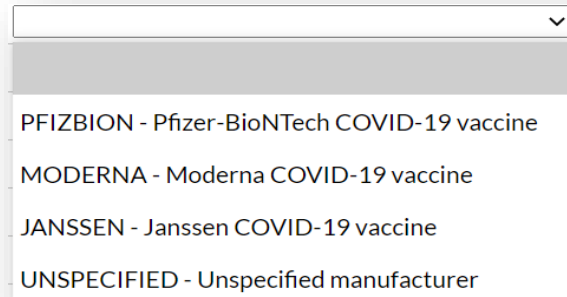| | | Healthcare Personnel (HCP) Categories | | | |
| | | Employee HCP | | Non-Employee HCP | |
	*All Core HCP (Total)[a]	*All HCP (Total)[b]	*Employees (staff on facility payroll)[c]	*Non-employee HCP (licensed independent practitioners)[d]	*Adult students/trainees/volunteers[e]	*Other contract personnel[f]
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						

Question #1 (cont.)
Healthcare Personnel Categories – Non-Employee HCP

- Adult students / trainees & volunteers [required] ☆
  - Include medical, nursing, or other health professional students, interns, medical residents, or volunteers aged 18 or older who 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.

			Employee HCP		Non-Employee HCP	
	*All Core HCP (Total)[a]	*All HCP (Total)[b]	*Employees (staff on facility payroll)[c]	*Non-employee HCP (licensed independent practitioners)[d]	*Adult students/trainees/volunteers[e]	*Other contract personnel[f]
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						

- Other Contract Personnel [required] ☆
  - Defined as persons providing care, treatment, or services at the facility through a contract who do not meet the definition of any other required personnel category.
  - This includes agency and/or pro re nata (PRN) staff who are scheduled to work at the facility at least once per week.

| | Healthcare Personnel (HCP) Categories | | | | | |
| | | | Employee HCP | Non-Employee HCP | | |
	*All Core HCP (Total)[a]	*All HCP (Total)[b]	*Employees (staff on facility payroll)[c]	*Non-employee HCP (licensed independent practitioners)[d]	*Adult students/trainees/volunteers[e]	*Other contract personnel[f]
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						

Question #2: *<u>Cumulative</u> number of HCP in Question #1 who have received a COVID-19 vaccine since December 2020

- **Each week, report all HCP in Question #1 who have <u>ever received</u> vaccine**

- *Example:*
  - *Week 1: <u>10</u> individuals received dose 1 of COVID-19 vaccine*
  - *Week 2: <u>5</u> more individuals received dose 1 of COVID-19 vaccine*
    - *For Week 1: Report <u>10</u> individuals received dose 1 of COVID-19 vaccine*
    - *For Week 2: Report <u>**15**</u> individuals received dose 1 of COVID-19 vaccine*

Question #2: *Cumulative number of HCP in Question #1 who have received a COVID-19 vaccine since December 2020 (cont.)

- **Step 1**: Select a COVID-19 vaccine from the drop-down box
  - *Pfizer-BioNTech*
  - *Moderna*
  - *Janssen*
  - *Unspecified manufacturer*

PFIZBION - Pfizer-BioNTech COVID-19 vaccine
MODERNA - Moderna COVID-19 vaccine
JANSSEN - Janssen COVID-19 vaccine
UNSPECIFIED - Unspecified manufacturer

Question #2: *Cumulative number of HCP in Question #1 who have received a COVID-19 vaccine since December 2020 (cont.)

- **Step 2**: Enter cumulative number of current HCP who received only dose 1 of a vaccine series
- **Step 3**: Enter cumulative number of current HCP who received both dose 1 and dose 2 of a vaccine series
- **Step 4**: If HCP received another type of vaccine, repeat steps 1-3

🗑 2.1 ★ Only dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	
🗑 2.2 ★ Dose 1 and dose 2 of *Pfizer-BioNTech* COVID-19 vaccine	
🗑 2.3 ★ Only dose 1 of *Moderna* COVID-19 vaccine	
🗑 2.4 ★ Dose 1 and dose 2 of *Moderna* COVID-19 vaccine	
🗑 2.5 ★ Dose of *Janssen* COVID-19 vaccine	
🗑 2.99 ★ Complete COVID-19 vaccination series: unspecified manufacturer	
★ Any completed COVID-19 vaccine series	0

Question #2: *<u>Cumulative</u> number of HCP in Question #1 who have received a COVID-19 vaccine since December 2020 (cont.)

- **Include receipt of COVID-19 vaccine at the facility, <u>or elsewhere</u>**
  - If documentation is not provided, report HCP in question #3.3 (unknown COVID-19 vaccination status)

- **NHSN automatically calculates number of individuals who have completed vaccination.**

🗑 2.1 ★ <u>Only</u> **dose 1** of *Pfizer-BioNTech* COVID-19 vaccine	7
🗑 2.2 ★ **Dose 1 and dose 2** of *Pfizer-BioNTech* COVID-19 vaccine	33
🗑 2.3 ★ <u>Only</u> **dose 1** of *Moderna* COVID-19 vaccine	3
🗑 2.4 ★ **Dose 1 and dose 2** of *Moderna* COVID-19 vaccine	24
🗑 2.5 ★ **Dose** of *Janssen* COVID-19 vaccine	4
🗑 2.99 ★ **Complete COVID-19 vaccination series: unspecified manufacturer**	3
★ Any completed COVID-19 vaccine series	64

Question #2: *<u>Cumulative</u> number of HCP in Question #1 who have received a COVID-19 vaccine since December 2020 (cont.)

- Vaccination data collected:
  - Last month, 20 individuals received dose 1 of the Pfizer-BioNTech vaccine
  - This week, 2 of these 20 individuals received dose 2 of the Pfizer-BioNTech vaccine

- NHSN reporting for this week:
  - **18** HCP would still be reported as receiving <u>only</u> dose 1 of a series of Pfizer-BioNTech vaccine
  - **2** HCP who have now received dose 2 of Pfizer-BioNTech vaccine would be reported as receiving dose 1 <u>and</u> dose 2 of a series

PFIZBION - Pfizer-BioNTech COVID-19 vaccine ✔	
🗑 2.1 ★ Only dose 1 of Pfizer-BioNTech COVID-19 vaccine	18
🗑 2.2 ★ Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine	2

Question #3.1: *Cumulative underline* number of HCP in Question #1 who have medical contraindications to COVID-19 vaccine

- CDC *"Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States" provides information on medical contraindications*
    - cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html
- Include HCP who have not received **any** COVID-19 vaccine due to one of the following medical contraindications:
    - Severe allergic reaction (e.g., anaphylaxis) after a previous dose or to a component of the COVID-19 vaccine
    - Known diagnosed allergy to a component of the COVID-19 vaccine

Question #3.2 & 3.3: *Cumulative number of individuals in Question #1 who declined vaccine (3.2) & have unknown vaccine status (3.3)

- Philosophical, religious, or other reasons for declining COVID-19 vaccine not listed in the *Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Authorized in the United States* are **not** considered medical contraindications for COVID-19 vaccination (should be reported under Question 3.2)
- Use "Unknown COVID-19 vaccination status" for reporting individuals without documentation of vaccination
- Questions 3.1 – 3.3 are required ☆

Question #2 & Question #3

- All HCP included in question 1 **must** be accounted for in question 2 or question 3 ☆
- This means that the sum of values entered for question 2 (2.1 – 2.99) and question 3 (3.1 – 3.3) **must equal the** total number of individuals entered in question 1 ☆

Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Non-Long-Term Care Facilities

Date Created: 09/07/2021 10:48AM
Facility ID # *: 19401   Location Type *: Hospital
Vaccination type *: COVID19   Facility CCN #: 012521
Week of Data Collection: 09/06/2021 - 09/12/2021 Date Last Modified: 09/13/2021 4:58PM

Cumulative Vaccination Coverage

		Healthcare Personnel (HCP) Categories					
			Employee HCP		Non-Employee HCP		
		*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
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		150	200	50	50	50	50

=

		*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
2. * Cumulative number of HCP in Question #1 who have received COVID-19 vaccines at this facility or elsewhere since December 2020:							
2.1 * Only dose 1 of Pfizer-BioNTech COVID-19 vaccine		75	100	25	25	25	25
2.2 * Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine		60	80	20	20	20	20
* Any completed COVID-19 vaccine series		60	80	20	20	20	20

+

	*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
3.1. * Medical contraindication reason to not receive COVID-19 vaccine	15	20	5	5	5	5
3.2. * Offered but declined COVID-19 vaccine	0	0	0	0	0	0
3.3. * Unknown COVID-19 vaccination status	0	0	0	0	0	0

Question #4: *<u>Cumulative</u> number of HCP in question #2 eligible to receive an additional dose or booster of COVID-19 vaccine

- Fully vaccinated: having completed an initial vaccine series
- Additional dose or booster: COVID-19 vaccine received ≥2 weeks *after* completion of an initial vaccine series
  - **Additional dose** refers to an additional dose of vaccine administered when the immune response following an initial completed vaccine series is likely to be insufficient
  - **Booster dose** refers to an additional dose of vaccine administered when the initial sufficient immune response to an initial completed vaccine series is likely to have waned over time
- Please refer to the [Interim Clinical Considerations for Use of COVID-19 Vaccines | CDC](#) to determine individuals who are eligible to receive an additional dose or booster after receiving a complete vaccine series

How should facilities determine who is considered eligible for an additional dose or booster dose at this time?

Facilities should refer to the CDC's Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States to determine individuals who are eligible to receive additional doses or boosters after receiving an initial completed vaccination series. **As of November 2021, individuals eligible to receive an additional or booster dose include the following:**
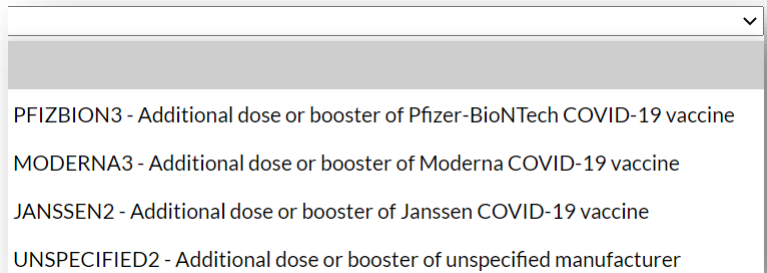
Category	Primary Vaccine Series	Time Since Primary Vaccine Series Completion	Eligible for
Moderately and severely immunocompromised people	mRNA	≥2 weeks	Additional dose
Persons aged ≥18 years who received a Janssen primary series	Janssen	≥2 months	Booster dose
Persons aged ≥ 18 years	mRNA	≥6 months	Booster dose

Question #5: *Cumulative number of HCP in question #4 who have received an additional dose or booster of COVID-19 vaccine at this facility or elsewhere since August 2021

- Each week, report <u>all</u> HCP in question 4 (who are eligible to have received an additional dose or booster) who have ever received an additional dose or booster since August 2021
- Include receipt of additional dose or booster at the facility <u>or elsewhere</u>
- *Example:*
  - *Week 1: <u>5</u> HCP received an additional dose or booster of a COVID-19 vaccine*
  - *Week 2: <u>3</u> more HCP received an additional or booster of a COVID-19 vaccine*
  - *For Week 1: Report <u>5</u> HCP received an additional dose or booster*
  - *For Week 2: Report <u>**8**</u> HCP received an additional dose or booster*

Question #5: *Cumulative number of HCP in question #4 who have received an additional dose or booster of COVID-19 vaccine at this facility or elsewhere since August 2021

- **Step 1**: Select a COVID-19 vaccine from the drop-down box
  - *Pfizer-BioNTech*
  - *Moderna*
  - *Janssen*
  - *Unspecified manufacturer*

- **Step 2**: Enter cumulative number of HCP who received An additional dose or booster

PFIZBION3 - Additional dose or booster of Pfizer-BioNTech COVID-19 vaccine

MODERNA3 - Additional dose or booster of Moderna COVID-19 vaccine

JANSSEN2 - Additional dose or booster of Janssen COVID-19 vaccine

UNSPECIFIED2 - Additional dose or booster of unspecified manufacturer

Question #5: *Cumulative number of HCP in question #4 who have received an additional dose or booster of COVID-19 vaccine at this facility or elsewhere since August 2021

- **Step 3**: If HCP received an additional dose or booster of another type of vaccine, repeat steps 1-2

NHSN automatically calculates total number of HCP who received an additional dose or booster.

5. *Cumulative number of HCP in Question #4 who have received an additional dose or booster of COVID-19 vaccine at this facility or elsewhere since 07/19/2021:

🗑 5.1 *Additional dose or booster of *Pfizer-BioNTech* COVID-19 vaccine	5	1	2	0
🗑 5.2 *Additional dose or booster of *Moderna* COVID-19 vaccine	4	0	3	1
🗑 5.3 *Additional dose or booster of *Janssen* COVID-19 vaccine	1	1	1	0
*Any additional dose or booster of COVID-19 vaccine series	10	2	6	1

Question #5

- If a facility does not have any individuals who received an additional dose or booster of COVID-19 vaccine
  - Select any manufacturer from the dropdown
  - Enter zero ("0") for question #5
- Only individuals who have <u>received</u> an additional dose or booster should be reported in question 5

Question #6: *Describe the availability of COVID-19 vaccine(s)

- Question 6.1: Is your facility a vaccine provider? [Yes/No]
  - Only facilities enrolled as vaccine providers can legally store, handle, and administer COVID-19 vaccine in the United States.
  - How to Enroll as a COVID-19 Vaccination Provider | CDC
    - https://www.cdc.gov/vaccines/covid-19/provider-enrollment.html
- Question 6.2: If a vaccine provider, is vaccine supply sufficient this week?
- Question 6.3: If not a vaccine provider, are other arrangements sufficient?
- Question 6.4: Free text description of vaccine supply issues (optional)

Reminder: Vaccine Adverse Event Reporting System (VAERS)

- Adverse events should be reported to VAERS: vaers.hhs.gov/reportevent.html
- To help identify reports from NHSN sites, please enter your NHSN orgID in Box 26 of the VAERS form
- Report clinically significant COVID-19 vaccine adverse events
  - Serious adverse events (such as death, life-threatening conditions, or inpatient hospitalization) that occur after vaccination, even if it is not certain that vaccination caused the event
  - Vaccine administration errors
  - Other clinically significant adverse events may be described in fact sheets for provider emergency use authorization or prescribing information

Knowledge Check: Adverse Events

Providers are to report all adverse events to

a. CDC
b. CMS
c. VAERS

Knowledge Check:
Adverse Events

Providers are to report all adverse events to

a. CDC

b. CMS

c. VAERS

All adverse events should be reported to the Vaccine Adverse Event Reporting System (VAERS) at the following link: vaers.hhs.gov/reportevent.html.

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data

COVID-19 Vaccination Coverage among HCP Measure and Key Resources

COVID-19 Vaccination Coverage among HCP – National Quality Forum (NQF) Measure & Centers for Medicare & Medicaid Services (CMS) Requirements

- COVID-19 vaccination coverage among HCP is an NHSN measure for NQF endorsement: [COVID-19 Vaccination of Healthcare Personnel Measure Specifications (cdc.gov)](#)
- The measure is defined as the percentage of HCP who received a complete COVID-19 vaccination series
  - Individuals having received a complete initial vaccine series (2 doses of mRNA or 1 dose of Janssen) are considered fully vaccinated.
  - Additional dose and booster dose data are required and help to inform public health response.
- The measure refers to data submitted for employees, licensed independent practitioners, and adult students/trainees & volunteers. These categories are displayed as 'All Core HCP' on the data collection form.

Inpatient Psychiatric Facility Quality Reporting (IPFQR) Program COVID-19 Vaccination Coverage Among HCP Measure Requirements

- As of October 1, 2021, facilities that are eligible to participate in the Inpatient Psychiatric Facilities Quality Reporting Program must submit COVID-19 vaccination data via the Weekly COVID-19 Vaccination Module for at least one week per month to fulfill CMS reporting requirements.

- Facilities can select any week within the month to report data. Facilities may choose to report these data weekly. COVID-19 vaccination data should be submitted by the end of the quarter as defined by CMS.

- Resources pertinent to reporting this measure include:
  - FY 2022 IPF PPS Final Rule – provides information about CMS reporting requirements for the IPFQR Program
  - QualityNet IPFQR Measures Resources – includes links to the CMS IPFQR Program Measures and Non-Measures Data tools which list the quarterly reporting and submission periods for the COVID-19 Vaccination Coverage Among HCP measure
  - QualityNet Q&A Tool – can be leveraged to contact CMS with questions about reporting requirements

Tables of Instructions

- Tables of instructions provide detailed definitions of the denominator and numerator categories
- Review instructions before collecting and entering data
  - https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html

Data Fields	Instructions for Completion
All Core HCP	This number is the sum of employees (staff on facility payroll), licensed independent practitioners (physicians, advanced practice nurses, & physician assistants) and adult students/trainees & volunteers. This field is auto-populated by NHSN.
All HCP	This number is the sum of employees (staff on facility payroll), licensed independent practitioners (physicians, advanced practice nurses, & physician assistants), adult students/trainees & volunteers, and other contract personnel. This field is auto-populated by NHSN.
Employee HCP (Staff on facility payroll)	*Required.* Defined as 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, & physician assistants)	*Required.* Defined as physicians (MD, DO); advanced practice nurses; and physician assistants only who 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. Post-residency fellows are also included in this

Tracking Worksheet

- Optional tool in an Excel spreadsheet format
- Auto-calculates answers to the vaccination data collection form
    - https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html

Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Non-Long-Term Care Facilities TRACKING WORKSHEET					*Facility ID#:			
					Vaccination type:			COVID_19
					*First day of Reporting Week (Monday):			8/2/2021
					Last day of the reporting week (Sunday):			8/8/2021
*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)

READ THIS - Instructions **TrackingWorksheet** ReportingSummary ⊕

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data

How do I get started in NHSN?

Key Roles in NHSN

- **Facility Administrator**
  - The person enrolling the facility in NHSN
  - Only person who can activate additional components for a facility
  - Has add/edit/delete data, users, and users' access
  - Has authority to nominate/join groups for data sharing
  - Only person who can re-assign the role of Facility Administrator to another user
  - There is only one Facility Administrator per facility
- **Users**
  - Rights are determined by Facility Administrator: view data, data entry, and data analysis
  - May be given administrative rights

Getting Started in NHSN

- Enrolling in NHSN
  - Facilities that are currently not participating in NHSN and wish to participate must <u>enroll</u> their facility in NHSN
    - Please visit http://www.cdc.gov/nhsn/enrollment/index.html for more information regarding the enrollment process
  - During the enrollment process, facilities may choose to participate in any of the NHSN components
- Activating the HPS Component
  - Facilities that are <u>already enrolled</u> in NHSN and wish to participate in the HPS Component must <u>activate</u> the component within NHSN
  - For information about the HPS component, please visit https://www.cdc.gov/nhsn/hps/index.html

Getting Started in the HPS Component for Freestanding IPFs
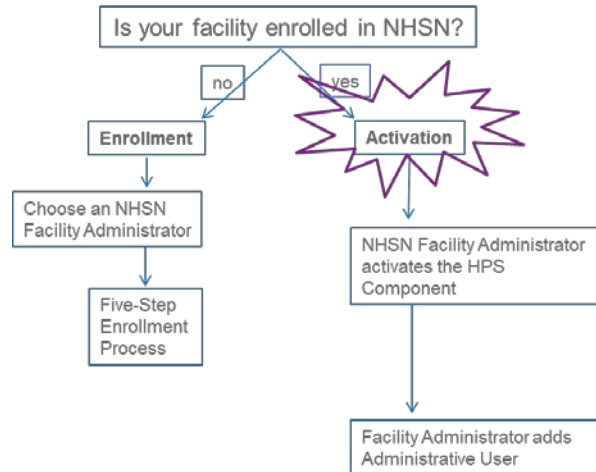
- Are you unsure of your facility's status with NHSN?
  - E-mail nhsn@cdc.gov
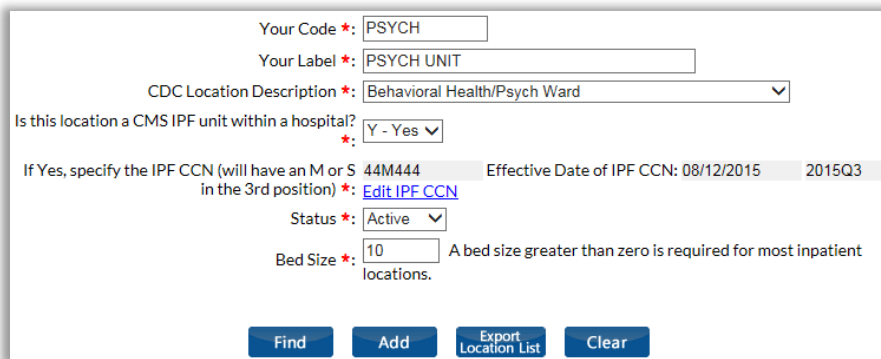
Getting Started in the HPS Component for IPF Units


```
          Is your facility enrolled in NHSN?

              no              yes

         Enrollment          Activation

   Choose an NHSN
   Facility Administrator      NHSN Facility Administrator
                               activates the HPS
                               Component
   Five-Step
   Enrollment                  Facility Administrator adds
   Process                     Administrative User

                    Adding a Location
   Confirm that the IPF unit has been added as a location within your NHSN facility.
   If it has not been added, follow the steps using this link:
   https://www.cdc.gov/nhsn/PDFs/mrsa-cdi/IPF-Locations.pdf
```
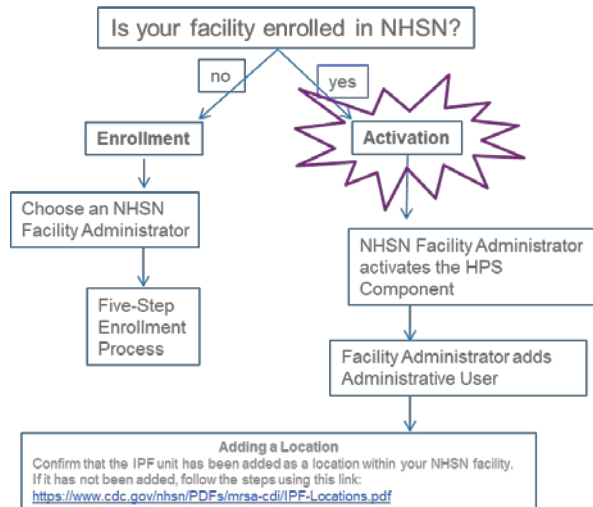
- Are you unsure of your facility's status with NHSN?
  - E-mail nhsn@cdc.gov

Getting Started in the HPS Component for IPF Units, cont.

Once an IPF unit has been mapped, the fields for the IPF unit location should be completed.

Knowledge Check:
Mapping IPF Units

True or False – My IPF unit is part of an acute care hospital and has a CCN with the letter "S" in the third position (e.g., CCN = 12S345). Therefore, I will need to map the IPF unit as a location of the main hospital and report data separate from the main hospital.

a. True
b. False

Knowledge Check:
Mapping IPF Units

True or False – My IPF unit is part of an acute care hospital and has a CCN with the letter "S" in the third position (e.g., CCN = 12S345). Therefore, I will need to map the IPF unit as a location of the main hospital and report data separate from the main hospital.

a. True

b. False

IPF units whose CCNs differ from that of the main hospital – for example, having an "M" or "S" in the third position – must either be mapped as locations of the parent facility or enrolled as a separate NHSN facility, and their data must be reported separately. If the IPF unit CCN is 100% identical to the CCN of the parent facility, then separate HCP COVID-19 vaccination summary data reporting is not required by CMS.

Activating the HPS Component

- Facility Administrator logs into SAMS: https://nhsn2.cdc.gov/nhsn/
  - Click "NHSN Reporting"

- From the Home Page, click "Facility" then "Add/Edit Component"
  - Check box next to Healthcare Personnel Safety

- Facility Administrator adds HPS Component Primary Contact
- as a user within the NHSN facility
  - Click "Users" on the navigation bar, then click "Add"
  - Complete "Add User" screen mandatory fields
    - User ID – created by the facility
    - First Name
    - Last Name
    - E-mail Address – Must be an active/correct address for the user

- Other users are added by the Facility Administrator or new HPS Component Primary Contact
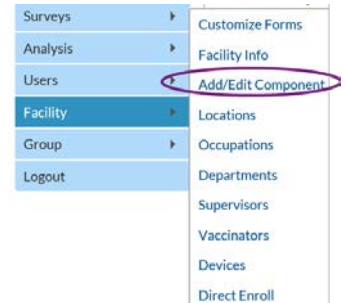
New Users to NHSN

- If you are a new user, you will need to register with Secure Access Management Services (SAMS)
- Access NHSN using SAMS credentials
- Information on the new SAMS process is found here: About SAMS | NHSN | CDC
- Log in to NHSN at least once per year to maintain active SAMS credentials

SAMS Grid Card
Credentials
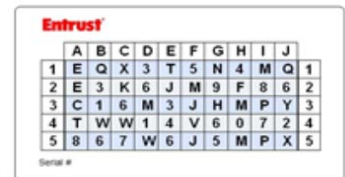
Change in NHSN Facility Administrator

- NHSN Facility Administrator should transfer role to another user <u>prior</u> to leaving the facility!
- NHSN can add an individual as the new NHSN Facility Administrator if the previous NHSN Facility Administrator has left the facility
  - Do <u>not</u> re-enroll the facility in NHSN
- Complete NHSN Facility Administrator Change Request form online
  - https://www.cdc.gov/nhsn/facadmin/index.html
- After being assigned as the new NHSN Facility Administrator, begin the new NHSN user onboarding process

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data
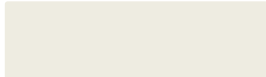
How do I enter data?

NHSN Landing Page

- Select the Healthcare Personnel Safety (HPS) Component

NHSN - National Healthcare Safety Network (nhsn95-335-tlznc:443)

Welcome to the NHSN Landing Page

Select component:
Healthcare Personnel Safety ▾

Select facility/group:
Fac: SJoy HOSP-Gen (ID 14580) ▾

Submit
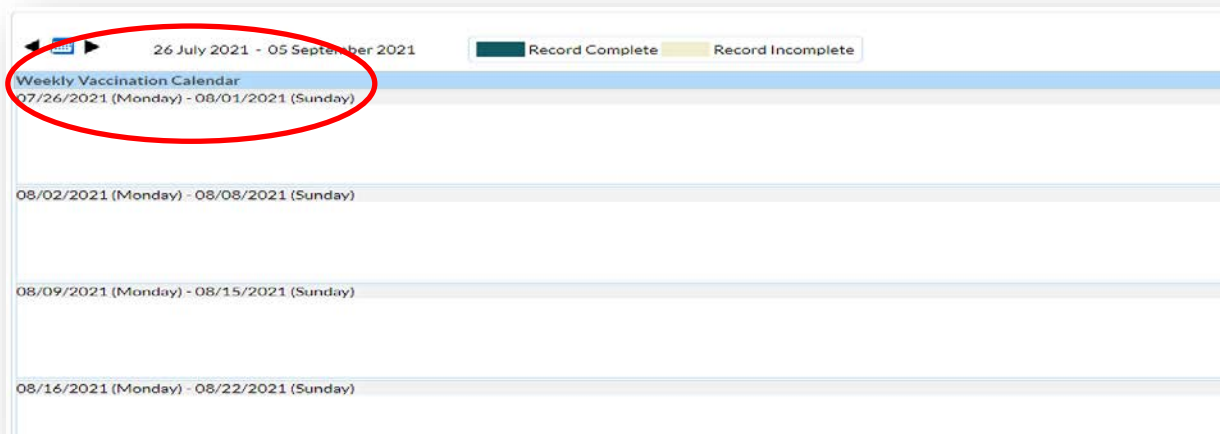
Healthcare Personnel Safety Component Home Page

- Select 'Vaccination Summary' on the left-hand navigation bar, then 'COVID-19 Weekly Vaccination Summary'
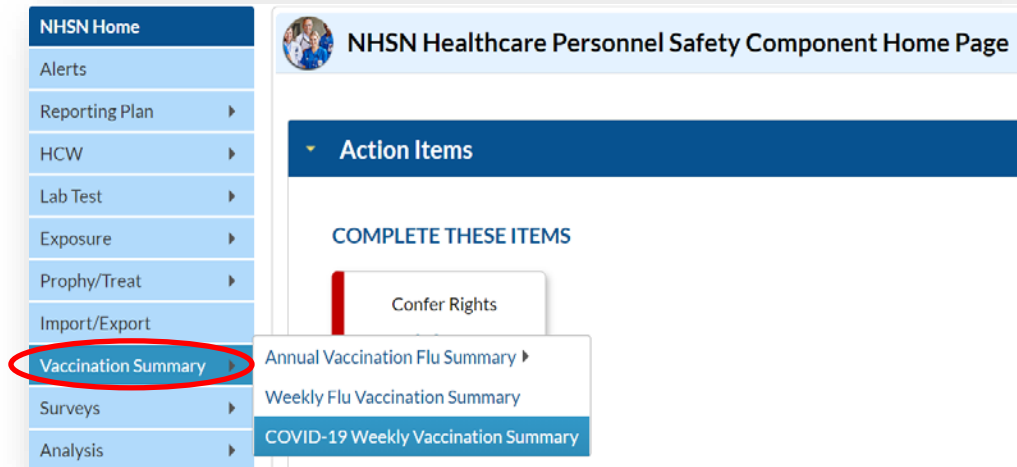
Calendar Week

• Click on the week you wish to enter data

Healthcare Personnel Safety Monthly Reporting Plan Form

- Collects data on which modules and months the facility plans to participate
- Facilities must complete the monthly reporting plan before entering data for that month ⭐
- Users should select from "Weekly COVID-19 Vaccination Module"
- Level 3 SAMS access is needed to enter a monthly reporting plan ⭐

Monthly Reporting Plan

- From the Healthcare Personnel Safety Component Home Page, select "Reporting Plan" then "Add"

Monthly Reporting Plan View for Facilities with Inpatient Psychiatric Facility (IPF) Units

- Select correct month and year from dropdown menus
- Check appropriate box next to "COVID-19 Vaccination Summary" for reporting facility data for IPF unit(s) data
- Click "Save"

Note: IPFs with a different CCN should be reported separately from the main facility.

Monthly Reporting Plan View for Free-standing IPFs

- Select correct month and year from dropdown menus
- Check appropriate box next to "COVID-19 Vaccination Summary"
- Click "Save"

Monthly Reporting Plan (cont.)

- "Plan saved successfully" will appear in a green box at the top of the page
- Click "Next" to proceed to update the next Monthly Reporting Plan
- Can create multiple plans in advance

View Monthly Reporting Plan

HCW Plan created successfully.

Mandatory fields marked with *
*Facility ID: Dialysis Test Facility 7 (ID 10937)
*Month: October
*Year: 2021
☐ No NHSN Healthcare Personnel Safety Modules Followed this Month

Healthcare Personnel Exposure Modules
☐ Blood/Body Fluid Exposure Only
☐ Blood/Body Fluid Exposure with Exposure Management
☐ Influenza Exposure Management
Healthcare Personnel Vaccination Module
☐ Influenza Vaccination Summary
Weekly COVID-19 Vaccination Module
☑ COVID-19 Vaccination Summary

Edit Previous Next Back

Monthly Reporting Plan (cont.)

- Yellow boxes will appear on the "Weekly Vaccination Calendar" indicating that there are COVID-19 vaccination data that can be entered for the week
- Click the yellow box to enter HCP COVID-19 vaccination data for the week

Vaccination Summary Data

- Complete the required data fields
- Red asterisks indicate required questions that must be completed
- Use the "tab" key on a computer keyboard to move across columns
- Enter "0" if no HCP are reported for a required field

Saving COVID-19 Vaccination Data

- Click on the "Save" button at the bottom of your screen after entering data

Reminder for reporting to Vaccine Adverse Event Reporting System (VAERS)

Please note that clinically significant adverse events following COVID-19 vaccination should be reported to the Vaccine Adverse Event Reporting System (VAERS) at https://vaers.hhs.gov/reportevent.html. To help identify reports from NHSN sites, please enter your NHSN orgID in Box 26 of the VAERS form.

Clinically significant adverse events include vaccine administration errors and serious adverse events (such as death, life-threatening conditions, or inpatient hospitalization) that occur after vaccination, even if it is not certain that vaccination caused the event.

Other clinically significant adverse events may be described in the provider emergency use authorization (EUA) fact sheets or prescribing information for the COVID-19 vaccine(s). Healthcare providers should comply with VAERS reporting requirements described in EUAs or prescribing information.

Save   Cancel

Saving COVID-19 Vaccination Data (cont.)

- A message will appear indicating that your data have been saved

Editing Summary Data

- Click on the week you wish to edit data

Editing Summary Data (cont.)

Edit COVID-19 Vaccination Summary Data

DEV ONLY :
Collection Date(s) after 10.0 effective date. Dynamic Date set to 08/01/2021. 10.0 business rules applied after that date.

Healthcare Personnel COVID-19 Vaccination Cumulative Summary for Non-Long-Term Care Facilities

Date Created: 09/14/2021 2:24AM
Facility ID # *: 10937   Location Type *: COVID-19 Vac
Vaccination type *: COVID19   Facility CCN #: N/A
Week of Data Collection: 08/30/2021 - 09/05/2021 Date Last Modified: 09/14/2021 2:26AM

Cumulative Vaccination Coverage							
			Healthcare Personnel (HCP) Categories				
			Employee HCP	Non-Employee HCP			
	*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
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	300	400	100	100	100	100
	*All Core HCP[a]	*All HCP[b]	* Employees (staff on facility payroll)[c]	* Licensed independent practioner HCP[d]	* Adult students/trainees and volunteers[e]	* Other contract personnel[f]
2. *Cumulative number of HCP in Question #1 who have received COVID-19 vaccines at this facility or elsewhere since December 2020:			PFIZBION - Pfizer-BioNTech COVID-19 vaccine ∨			

NHSN Analysis and Reporting

- Users can utilize the Analysis tool within NHSN to generate summary reports for facility data
- Reports are organized in two folders:
  - "COVID-19 Vaccination" for data after September 2021 NHSN update ☆
  - "COVID-19 Vaccination" (Pre-10.0) for data before September 2021 NHSN update ☆
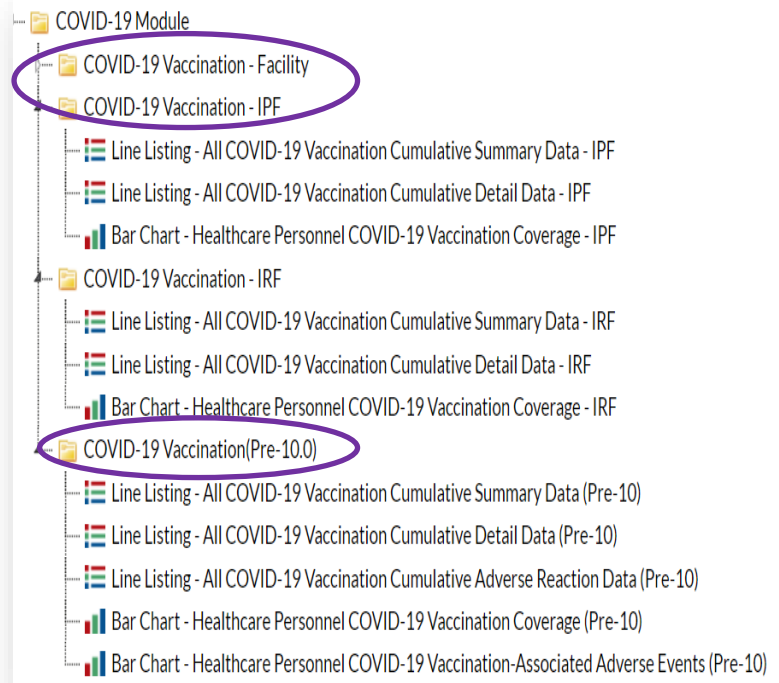
NHSN Analysis and Reporting - IPFs

- Free-standing IPFs should click on the "COVID-19 Module" and "COVID-19 Vaccination – Facility"

- IPF units within other facilities should click on "COVID-19 Module" and "COVID-19 Vaccination – IPF"

COVID-19 Module

COVID-19 Vaccination - Facility
  Line Listing - All COVID-19 Vaccination Cumulative Summary Data - Facility
  Line Listing - All COVID-19 Vaccination Cumulative Detail Data - Facility
  Bar Chart - Healthcare Personnel COVID-19 Vaccination Coverage - Facility

COVID-19 Vaccination - IPF
  Line Listing - All COVID-19 Vaccination Cumulative Summary Data - IPF
  Line Listing - All COVID-19 Vaccination Cumulative Detail Data - IPF
  Bar Chart - Healthcare Personnel COVID-19 Vaccination Coverage - IPF

COVID-19 Vaccination - IRF
  Line Listing - All COVID-19 Vaccination Cumulative Summary Data - IRF
  Line Listing - All COVID-19 Vaccination Cumulative Detail Data - IRF
  Bar Chart - Healthcare Personnel COVID-19 Vaccination Coverage - IRF

COVID-19 Vaccination(Pre-10.0)
  Line Listing - All COVID-19 Vaccination Cumulative Summary Data (Pre-10)
  Line Listing - All COVID-19 Vaccination Cumulative Detail Data (Pre-10)
  Line Listing - All COVID-19 Vaccination Cumulative Adverse Reaction Data (Pre-10)
  Bar Chart - Healthcare Personnel COVID-19 Vaccination Coverage (Pre-10)
  Bar Chart - Healthcare Personnel COVID-19 Vaccination-Associated Adverse Events (Pre-10)

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data

Reporting cumulative vaccination data

Reporting Cumulative Data: Week 1

- Week 1: 50 HCP in facility: 10 received 1st vaccine dose; 5 received 2nd vaccine dose

	Week 1	Week 2	Week 3
1. Number of HCP working in or receiving care at the facility for at least 1 day during the week of data collection	50		
2.1. Cumulative number of HCP in question #1 who received only dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	10		
2.2. Cumulative number of HCP in question #1 who received dose 1 and dose 2 of *Pfizer-BioNTech* COVID-19 vaccine	5		

Reporting Cumulative Data: Week 2

- Week 1: 50 HCP: 10 received 1st vaccine dose; 5 received 2nd vaccine dose
- Week 2: **5** more HCP received 1st dose

	Week 1	Week 2	Week 3
1. Number of HCP working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	
2.1. Cumulative number of HCP in question #1 who received <u>only</u> dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	10	(10+5) **15**	
2.2. Cumulative number of HCP in question #1 who received dose 1 <u>and</u> dose 2 of *Pfizer-BioNTech* COVID-19 vaccine	5	5	

Reporting Cumulative Data: Week 3

- Week 1: 50 HCP : 10 received 1st vaccine dose; 5 received 2nd vaccine dose
- Week 2: 5 more HCP received 1st dose
- Week 3: **3** more HCP received 1st dose; **10** HCP received 2nd dose

	Week 1	Week 2	Week 3
1. Number of HCP working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	50
2.1. Cumulative number of HCP in question #1 who received <u>only</u> dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	10	15	(15+3-10) **8**
2.2. Cumulative number of HCP in question #1 who received dose 1 <u>and</u> dose 2 of *Pfizer-BioNTech* COVID-19 vaccine	5	5	

Reporting Cumulative Data: Week 3 (cont.)

- Week 1: 50 HCP: 10 received 1st vaccine dose; 5 received 2nd vaccine dose
- Week 2: 5 more HCP received 1st dose
- Week 3: **3** more HCP received 1st dose; **10** HCP received 2nd dose

	Week 1	Week 2	Week 3
1. Number of HCP working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	50
2.1. Cumulative number of HCP in question #1 who received <u>only</u> dose 1 of *Pfizer-BioNTech* COVID-19 vaccine	10	15	(15+3-10) 8
2.2. Cumulative number of HCP in question #1 who received dose 1 <u>and</u> dose 2 of *Pfizer-BioNTech* COVID-19 vaccine	5	5	(5+10) 15

Acronyms

CCN	CMS Certification Number
CDC	Centers for Disease Control and Prevention
COVID-19	Coronavirus Disease 2019
CMS	Centers for Medicare & Medicaid Services
EUA	emergency use authorization
HCP	Health Care Personnel
HPS	Healthcare Personnel Safety
IPF	Inpatient Psychiatric Facility
IPFQR	Inpatient Psychiatric Facility Quality Reporting
NHSN	National Healthcare Safety Network
NQF	National Quality Forum
PRN	pro re nata
SAMS	Secure Access Management Services
VAERS	Vaccine Adverse Event Reporting System

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data

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Helpful Resources

Resources

Primary Resources
- Enrollment for free-standing IPFs: [Enrollment for Inpatient Psychiatric Facilities | NHSN | CDC](#)
- IPFs within hospitals (ensure the main hospital has completed NHSN enrollment): [Enrollment Acute Care Hospitals/Facilities | NHSN | CDC](#)
- NHSN location mapping for IPFs within hospitals: [ipf-locations.pdf (cdc.gov)](#)
- CMS final rule for inpatient psychiatric facilities (IPFs) on reporting HCP COVID-19 vaccination summary data: Please refer to the following rule: [Federal Register :: Medicare Program; FY 2022 Inpatient Psychiatric Facilities Prospective Payment System and Quality Reporting Updates for Fiscal Year Beginning October 1, 2021 (FY 2022)](#)
- Training materials and FAQs on reporting COVID-19 vaccination data: https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html#training

Additional Resources
- [How to Edit Email Addresses in SAMS and NHSN Facilities](#) (cdc.gov)

Helpful Resources

IPFQR Program Webpages
(Click the Icons)

Quality Reporting Center

QualityNet

Helpful Resources

Stay up to date...

Contact Change Form

Listserve Registration

Upcoming Webinars

…and get answers to your questions.

Q&A Tool

Email Support

Phone Support (866) 800-8765

FAX (877) 789-4443

Webinar Questions or Need Help?

Please email any questions that are pertinent to the webinar topic to nhsn@cdc.gov with the following information:

- NHSN Enrollment Questions
  - Subject line: IPF Enrollment Guidance
- Reporting HCP COVID-19 Vaccination Data Questions
  - Subject line: Weekly COVID-19 Vaccination – IPF

If your question pertains to a specific slide, please include the slide number in the body of the email.

Acronyms

NHSN Enrollment and Reporting Healthcare Personnel (HCP) COVID-19 Vaccination Data

Thank You!

Continuing Education (CE) Approval

This program has been approved for [CE credit](#)for the following boards:

- **National credit**
  - Board of Registered Nursing (Provider #16578)
- **Florida-only credit**
  - Board of Clinical Social Work, Marriage & Family Therapy and Mental Health Counseling
  - Board of Registered Nursing
  - Board of Nursing Home Administrators
  - Board of Dietetics and Nutrition Practice Council
  - Board of Pharmacy

Note: To verify CE approval for any other state, license, or certification, please check with your licensing or certification board.

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