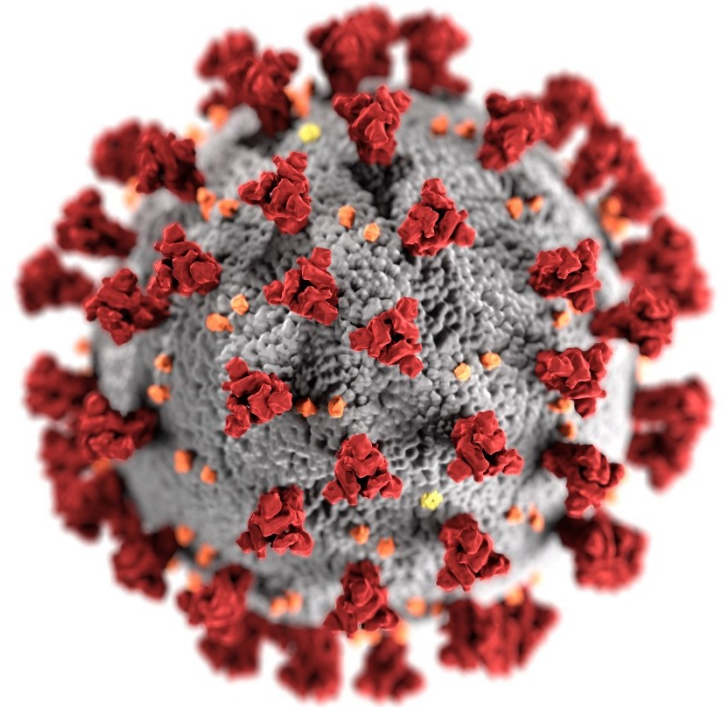


Updates to Weekly COVID-19 Vaccination Data Reporting for Healthcare Personnel: Healthcare Personnel Safety Component

Division of Healthcare Quality Promotion
Centers for Disease Control and Prevention (CDC)

January 2024



cdc.gov/coronavirus

CMS Reporting Requirements for Multiple HCP COVID-19 Vaccination Data Quality Reporting Programs

- **Reminder: Facilities can contact CMS with questions about reporting requirements:**
 - Inpatient quality reporting program (hospitals): [CMS Q&A Tool](#)
 - PPS-exempt cancer hospital quality reporting program: QRFormsSubmission@hsag.com
 - Inpatient psychiatric facility quality reporting program: IPFQualityReporting@hsag.com
 - Inpatient rehabilitation facility quality reporting program: IRF.questions@cms.hhs.gov
 - Long-term acute care quality reporting program: LTCHQualityQuestions@cms.hhs.gov
 - Dialysis facilities: [CMS QualityNet Question and Answer Website](#)
 - Ambulatory Surgery Centers:
https://cmsqualitysupport.servicenowservices.com/qnet_qa?id=ask_a_question



Objectives

- Review recent changes and updates
 - Review form changes
 - Review up to date definition
 - Review example scenarios



Note: Form changes will be implemented for Quarter 1 of 2024, beginning with the reporting week of January 1, 2024-January 7, 2024

These slides are posted to the NHSN COVID-19 Vaccination website



Form Simplification



Background on Form Changes

- Simplified COVID-19 vaccination reporting form for healthcare personnel
 - Removed question on complete primary series
 - Reflects latest guidance from CDC and FDA
 - Collects data most relevant for public health
 - Consistent with CMS Quality Reporting Program Measure reporting – transition of measures from primary series to up to date



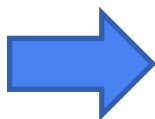
Current Weekly COVID-19 Vaccination: HCP Form

- **Removing** question on cumulative number of HCP who have received complete **primary series** (currently question #2)

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	0	0	<input type="text"/>
2. * <u>Cumulative</u> number of HCP in Question #1 who have had complete primary series of COVID-19 vaccine(s) at this facility or elsewhere since December 2020	0	0	<input type="text"/>
3. * <u>Cumulative</u> number of HCP in Question #1 with other condition			
3.1 *Medical contraindication to COVID-19 vaccine	0	0	<input type="text"/>

Revised Weekly COVID-19 Vaccination: HCP Form

- Question on up to date vaccination (previously question #4) is now moved to question #2



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	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>
2. * Cumulative number of HCP in Question #1 who are up to date with COVID-19 vaccine(s). Please review the current definition of up to date: Key Terms and Up to Date Vaccination.	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>
3. * Cumulative number of HCP in Question #1 with other conditions:				
3.1 *Medical contraindication to COVID-19 vaccine	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>
3.2 *Offered but declined COVID-19 vaccine	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>
3.3 *Unknown/Other COVID-19 vaccination status	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>



Revised Weekly COVID-19 Vaccination: HCP Form (cont.)

Question #3

- Cumulative number of HCP in Question 1 with other conditions now relates to HCP who are **not up-to-date** with COVID-19 vaccination



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	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. * Cumulative number of HCP in Question #1 who are up to date with COVID-19 vaccine(s).	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Please review the current definition of up to date: Key Terms and Up to Date Vaccination.						
3. * Cumulative number of HCP in Question #1 with other conditions:						
3.1 *Medical contraindication to COVID-19 vaccine	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.2 *Offered but declined COVID-19 vaccine	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.3 *Unknown/Other COVID-19 vaccination status	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



How to answer question #1:

Number of HCP that were eligible to have worked at the facility for at least one day during the week of data collection

▪ Question #1

- Enter the number of HCP who were eligible to have worked at the facility for at least one day during the week of data collection
- The vaccination status for all HCP reported in question 1 must be reported in either up to date with COVID-19 vaccine (Question #2) or other conditions (Questions 3.1 - 3.3)
- The sum of the numbers entered for questions 2 and 3.1-3.3 on the data collection form must equal to the number entered for question 1.
 - If not, the NHSN application will not allow for data to be saved and will generate an error message.



How to answer question #2:

Cumulative number of HCP in question #1 who are up to date with COVID-19 vaccine(s)

■ Question #2

- Enter the number of HCP who are up to date with COVID-19 vaccination
 - Many HCP who previously had a completed primary series will not be up counted as up to date.
 - Facilities should report **zero (0) up to date for Question #2** until HCP receive the 2023-2024 updated COVID-19 vaccine
 - Use the definition associated with the quarter the surveillance weeks falls within: [Understanding Key Terms and Up to Date Vaccination](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-508.pdf)
<https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-508.pdf>



How to answer question #3:

Cumulative number of HCP in Question #1 with other conditions

- **Question 3.1:** Medical contraindication to COVID-19 vaccine
- **Question 3.2:** Offered but declined COVID-19 vaccine
- **Question 3.3:** Unknown/other COVID-19 vaccination status



How to answer question #3 (cont.):

Cumulative number of HCP in Question #1 with other conditions

- Individuals who are **not up to date** with COVID-19 vaccination must be reported in question **3.1, 3.2, or 3.3**.
 - Individuals having a medical contraindication (that prevents them from receiving vaccine that would make them up to date) are reported in **question 3.1**.
 - Individuals who were offered but declined vaccination (declined vaccine that would make them up to date) are reported in **question 3.2**.
 - All other individuals who are not reported in question 2, 3.1, or 3.2 are reported in **question 3.3** unknown/other COVID-19 vaccination status.



How to answer question #3 (cont.)

Cumulative number of HCP in Question #1 with other conditions

- Examples of individuals who should be included in **question 3.3 (unknown/other COVID-19 vaccination status)**
 - The facility could not determine an individual's vaccination status.
 - The individual received vaccination outside of the healthcare facility but did not provide written documentation of vaccination.
 - Reminder: Individuals can self-report in writing (paper or electronic) that the vaccination was received elsewhere or provide documentation of receipt of the COVID-19 vaccine elsewhere. Documentation should include the date and location of vaccine receipt and vaccine type.
 - The vaccine is not yet available in a particular location, so the individual has not yet declined or indicated that they would like to receive the vaccine.



Weekly COVID-19 Vaccination: Example with Employees

Remember: The sum of the numbers entered for questions #2 (up to date) and #3.1-3.3 (reasons not up to date) must equal to the number entered for question #1.

Employees at facility = **100**

- Up to date with COVID-19 vaccination = **75**
- Medical contraindication = **2**
- Declined vaccination = **10**
- Unknown/other vaccination status = **13**

$$75 + 2 + 10 + 13 = 100$$

	*All Core HCP ^a	*All HCP ^b	*Employees (staff on facility payroll) ^c	*Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants ^d
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	240	280	100	80
2. * Cumulative number of HCP in Question #1 who are <u>up to date</u> with COVID-19 vaccine(s). Please review the current definition of up to date: Key Terms and Up to Date Vaccination .	165	180	75	55
3. * <u>Cumulative</u> number of HCP in Question #1 with other conditions:				
3.1 *Medical contraindication to COVID-19 vaccine	2	2	2	0
3.2 *Offered but declined COVID-19 vaccine	35	40	10	15
3.3 *Unknown/Other COVID-19 vaccination status	38	58	13	10



Up to Date COVID-19 Vaccination: Quarter 1 of 2024



Reporting Definitions

- As a reminder, the definition of up to date for NHSN surveillance has changed over time and is updated no more than quarterly.
- Facilities should use the definitions outlined in the following document for each quarter:
 - [Understanding Key Terms and Up to Date Vaccination](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-508.pdf)
<https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-508.pdf>



COVID-19 Vaccine Types

Up to Date!



2023-2024 Updated COVID-19 Vaccine

The 2023-2024 updated COVID-19 vaccine more closely targets the XBB lineage of the [Omicron variant](#) and could restore protection against severe COVID-19 that may have decreased over time. As of September 12, 2023, the 2023-2024 updated Pfizer-BioNTech and Moderna COVID-19 vaccines were recommended by CDC for use in the United States. As of October 3, 2023, the 2023-2024 updated Novavax vaccine was recommended for use in the United States.

2022-2023 Bivalent Vaccines

The 2022-2023 bivalent vaccines were designed to protect against **both** the original virus that causes COVID-19 **and** the Omicron variants BA.4 and BA.5. Two COVID-19 vaccine manufacturers, Pfizer-BioNTech and Moderna, had developed bivalent COVID-19 vaccines. As of September 11, 2023, the bivalent Pfizer-BioNTech and Moderna COVID-19 vaccines are no longer available for use in the United States.

Original Vaccines

Previous COVID-19 vaccines were called “original” because they were designed to protect against the original virus that causes COVID-19. As of April 18, 2023, the original Pfizer-BioNTech and Moderna COVID-19 vaccines are no longer available for use in the United States. As of May 6, 2023, J&J/Janssen COVID-19 vaccine is no longer available for use in the United States.



Up to Date: Quarter 1 of 2024

(January 1, 2024 – March 31, 2024)

Individuals are considered up to date with their COVID-19 vaccines for the purpose of NHSN surveillance if they meet the following criteria:

Received a 2023-2024 Updated COVID-19 Vaccine



Flow Chart: Quarter 1 of 2024: Up to Date with COVID-19 Vaccines

Have they received a 2023-2024 updated COVID-19 vaccine?

Yes

No

Up To Date

Not Up To Date



Summary of Key Points

- HCP will not be up to date with COVID-19 vaccines until they receive the 2023-2024 updated COVID-19 vaccine
 - Facilities should report **zero (0) up to date for Question #2** until HCP receive the 2023-2024 updated COVID-19 vaccine.
- The question about HCP being up to date with COVID-19 vaccination (formerly Question #4) was moved up on the form to Question #2
- Questions 3.1-3.3 will now refer to HCP who are not up to date in Question #2



Examples of How to Report HCP: Quarter 1 of 2024



Example #1: Vaccination Form

- Chloe is a healthcare worker who received 2 doses of the original Moderna primary series in June 2021. She received a bivalent Moderna Vaccine in December 2022 and received a 2023-2024 updated COVID-19 vaccine in September 2023.
 - Where do we count Chloe?



Example #1: Vaccination Form (cont.)

- Chloe is a healthcare worker who received 2 doses of the original Moderna primary series in June 2021. She received a bivalent Moderna Vaccine in December 2022 and received a 2023-2024 updated COVID-19 vaccine in September 2023.
 - Where do we count Chloe?
 - Chloe should be counted in **question #2 (up to date)** because she received a 2023-2024 updated COVID-19 vaccine.



Example #2: Vaccination Form

- Marc is a healthcare worker who received a dose of the bivalent Moderna COVID-19 vaccine 5 months ago and has and has declined all COVID-19 vaccines since then.
 - Where do we count Marc?



Example #2: Vaccination Form (cont.)

- Marc is a healthcare worker who received a dose of the bivalent Moderna COVID-19 vaccine 5 months ago and has declined all COVID-19 vaccines since then.
 - Where do we count Marc?
 - Marc should be counted in **question #3.2 (declined vaccine)** because he declined to receive a 2023-2024 updated COVID-19 vaccine.



Example #3: Vaccination Form

- Kitt is a healthcare worker who has refused all previous COVID-19 vaccines but decided to receive the 2023-2024 updated COVID-19 vaccine.
 - Where do we count Kitt?



Example #3: Vaccination Form (cont.)

- Kitt is a healthcare worker who has refused all previous COVID-19 vaccines but decided to receive the 2023-2024 updated COVID-19 vaccine.
 - Where do we count Kitt?
 - Kitt should be counted in **question #2 (up to date)** because she received a 2023-2024 updated COVID-19 vaccine.



Example #4: Vaccination Form

- Josh, a healthcare worker, received a dose of bivalent Pfizer on August 15, 2023. He is unsure if he will receive the 2023-2024 updated COVID-19 vaccine, but it hasn't been offered.
 - Where do we count Josh?



Example #4: Vaccination Form (cont.)

- Josh, a healthcare worker, received a dose of bivalent Pfizer on August 15, 2023. He is unsure if he will receive the 2023-2024 updated COVID-19 vaccine, but it hasn't been offered.
 - Where do we count Josh?
 - Josh should be counted in **question #3.3 (unknown/other vaccination status)** because he has not yet received a 2023-2024 updated COVID-19 vaccine, but he also hasn't declined.



Example #5: Vaccination Form

- Michael, a healthcare worker, reported a medical contraindication that prevents them from receiving the 2023-2024 updated COVID-19 vaccine.
 - Where do we count Michael?



Example #5: Vaccination Form (cont.)

- Michael, a healthcare worker, reported a medical contraindication that prevents them from receiving the 2023-2024 updated COVID-19 vaccine.
 - Where do we count Michael?
 - Michael should be counted in **question #3.1 (medical contraindication)** because he has a medical contraindication that prevents him from receiving the 2023-2024 updated COVID-19 vaccine.



Summary of Key Points (cont.)

- HCP will not be up to date with COVID-19 vaccines until they receive the 2023-2024 updated COVID-19 vaccine
 - Facilities should report **zero (0) up to date for Question #2** until HCP receive the 2023-2024 updated COVID-19 vaccine.
- The question about HCP being up to date with COVID-19 vaccination (formerly Question #4) was moved up on the form to Question #2
- Questions 3.1-3.3 will now refer to HCP who are not up to date in Question #2



Additional Updates and Reminders



Additional Updates and Reminders

- Quality assurance alerts in the NHSN application have been retired
- CMS tables are now available to review a detailed summary of weekly COVID-19 vaccination rates.
 - Access it through the analysis tab on the left-hand navigation bar in NHSN.
- Facilities are encouraged to use the person-level vaccination form
 - This form will automatically apply the up to date definition for Quarter 1 of 2024 for you!



Resources



Resource: The NHSN Website

[HPS | Weekly HCP COVID-19 Vaccination | NHSN | CDC](#)

- Training Slides
- Quick Reference Guides
- FAQs
- Data Collection Form
- .CSV files
- Person-Level Form

Weekly HCP COVID-19 Vaccination

[Print](#)

Facilities can track weekly COVID-19 vaccination data for healthcare personnel (HCP) through NHSN.

On This Page

[Announcements](#)

[Person-Level COVID-19
Vaccination Form – Instructions
and Guidance Documents](#)

[Protocol](#)

[Training](#)

[Person-Level COVID-19
Vaccination Data – CSV Data
Import](#)

[Data Collection Forms and
Instructions](#)

[Data Tracking Worksheet –
Retired](#)

[CSV Data Import](#)

[Resources](#)

[Retired Quick Reference Guides](#)

[FAQs on Reporting COVID-19
Vaccination Data](#)



Resources: Person-Level COVID-19 Vaccination Form

All resources: [HPS](#) | [Weekly HCP COVID-19 Vaccination](#) | [NHSN](#) | [CDC](#)

Person-Level COVID-19 Vaccination Form – Instructions and Guidance Documents

Instructions for Reporting Person-Level Vaccination Data

[Person-Level Vaccination Form Table of Instructions: Healthcare Personnel](#)  [PDF – 359 KB] — October 2023

[Person-Level COVID-19 Vaccination Forms: A How to Guide](#)  [PDF – 3 MB] — September 2023

[1 Pager: NHSN HCP Person-Level COVID-19 Form](#)  [PDF – 267 KB] — September 2023

[Person-Level Upload .CSV Instructions — HPS](#)  [PDF – 433 KB] — September 2023

Person-Level COVID-19 Vaccination Data – CSV Data Import

Variable Description and File Layout for Healthcare Personnel of In-patient Facilities/Ambulatory Surgery Centers

[Variable Description and File Layout for Person-Level Vaccination Forms HPS – September 2023](#)  [PDF – 156 KB]



Questions or Need Help?

Please use **NHSN-ServiceNow** to submit questions to the NHSN Help Desk. The new portal can be accessed [here](#) and should be used in place of nhsn@cdc.gov, nhsntrain@cdc.gov, and nhsndua@cdc.gov.

ServiceNow will help the NHSN team respond to your questions faster. Users will be authenticated using CDC's Secure Access Management Services (SAMS), the same way you access NHSN. If you do not have a SAMS login, or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov.

For more information, please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333

Telephone, 1-800-CDC-INFO (232-4636) / TTY: 1-888-232-6348

E-mail: cdcinfo@cdc.gov Web: www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



Summary CSV layout updates:

- Retired fields beginning with reporting week 1/1/24
- Newly required fields for weeks beginning 1/1/24

numEmpMed
numLIPMed
numVolMed
numOCPMed
numEmpDec
numLIPDec
numVolDec
numOCPDec
numEmpUnk
numLIPUnk
numVolUnk
numOCPUnk
totEmpVacc
totLIPVacc
totVolVacc
totOCPVacc

numEmpMedUpToDate
numLIPMedUpToDate
numVolMedUpToDate
numOCPMedUpToDate
numEmpDecUpToDate
numLIPDecUpToDate
numVolDecUpToDate
numOCPDecUpToDate
numEmpUnkUpToDate
numLIPUnkUpToDate
numVolUnkUpToDate
numOCPUnkUpToDate

