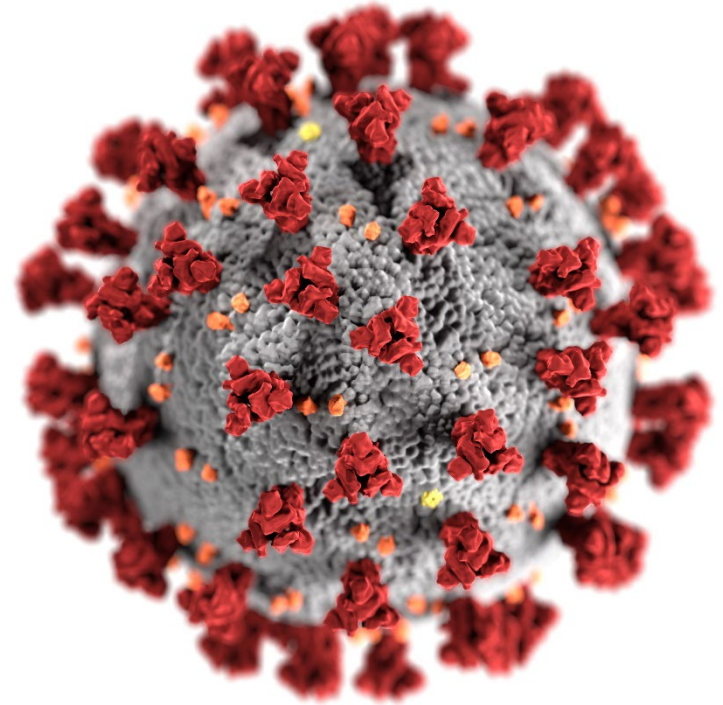


# Up to Date COVID-19 Vaccination Status: Surveillance definition change for facilities reporting data through the Healthcare Personnel Safety Component

Division of Healthcare Quality Promotion  
Centers for Disease Control and Prevention (CDC)  
September 2022



[cdc.gov/coronavirus](https://cdc.gov/coronavirus)

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

- Facilities can contact CMS with questions about reporting requirements:

- Inpatient quality reporting program (hospitals): [iqr@hsag.com](mailto:iqr@hsag.com)
- PPS-exempt cancer hospital quality reporting program: [QRFormsSubmission@hsag.com](mailto:QRFormsSubmission@hsag.com)
- Inpatient psychiatric facility quality reporting program: [IPFQualityReporting@hsag.com](mailto:IPFQualityReporting@hsag.com)
- Inpatient rehabilitation facility quality reporting program: [IRF.questions@cms.hhs.gov](mailto:IRF.questions@cms.hhs.gov)
- Long-term acute care quality reporting program: [LTCHQualityQuestions@cms.hhs.gov](mailto:LTCHQualityQuestions@cms.hhs.gov)
- LTCFs Weekly reporting requirement: [DNH\\_TriageTeam@cms.hhs.gov](mailto:DNH_TriageTeam@cms.hhs.gov)
- LTCFs: Quality reporting program questions: [SNFQualityQuestions@cms.hhs.gov](mailto:SNFQualityQuestions@cms.hhs.gov)
- Dialysis: ESRD QIP: [qnetsupport-esrd@hcqis.org](mailto:qnetsupport-esrd@hcqis.org)
- Ambulatory Surgery Centers: [https://cmsqualitysupport.servicenowservices.com/qnet\\_qa?id=ask\\_a\\_question](https://cmsqualitysupport.servicenowservices.com/qnet_qa?id=ask_a_question)



# Objectives

- Review Up to Date definition change
  - New definition applies to weeks beginning September 26, 2022
- Review example scenarios
- Discuss frequently asked questions

**Note: These slides will be posted to the NHSN COVID-19 Vaccination website**



# Up to Date Vaccination New Definition as of September 26, 2022



# Weekly COVID-19 Vaccination Forms

- Question 5: Cumulative number of individuals in question #2 who are up to date with COVID-19 vaccines.

Question 5 asks about individuals who are up to date. Please review the current definition of [up to date](#)

5. \* **Cumulative** number of HCP in Question #2 who are up to date with COVID-19 vaccines



# Changes in Reporting Definitions

- Definition of up to date for NHSN surveillance may change over time!
- Facilities should use the definitions outlined in the following document for each quarter:
  - [Understanding Key Terms and Up to Date Vaccination \(https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf\)](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf)
- Reporting periods for COVID-19 vaccination data
  - Quarter 2 of 2022 (May 30, 2022 [*NHSN release date*] – June 26, 2022)
  - Quarter 3 of 2022 (June 27, 2022 – September 25, 2022)
  - Quarter 4 of 2022 (September 26, 2022- December 25th, 2022)



# Changes in Reporting Definitions (cont.)

- Reporting periods for COVID-19 vaccination data
  - Quarter 2 of 2022 (May 30, 2022 [*NHSN release date*] – June 26, 2022)
  - Quarter 3 of 2022 (June 27, 2022 – September 25, 2022)
  - Quarter 4 of 2022 (September 26, 2022- December 25th, 2022)
    - **Up to Date vaccination was updated in September 2022**
      - **Facilities should use the definition modified in September to report data for Quarter 4 of 2022 (September 26, 2022- December 25, 2022)**
      - **Today's training will focus on this definition**



# Key Terms

## ■ Primary vaccine series

- Completing a primary vaccine series means receiving:
  - A 2-dose series of a COVID-19 vaccine (Pfizer-BioNTech, Moderna and Novavax), OR
  - A single dose of Janssen COVID-19 vaccine





# Key Terms (cont.)

## ■ **Additional dose**

- An additional dose is another dose of vaccine administered to people who were less likely to mount a protective immune response after initial vaccination. People who are moderately or severely immunocompromised should receive an additional dose.

## ■ **Booster dose**

- A booster dose is another dose of vaccine administered after receiving a primary vaccine series to enhance or restore protection which might have subsided over time.



# Key Terms

## ■ Original (monovalent) booster

- Previous boosters are called “monovalent” because they were designed to protect against the original virus that causes COVID-19. They also provide some protection against Omicron, but not as much as the updated (bivalent) boosters. Monovalent mRNA COVID-19 vaccines are **NO LONGER** FDA-authorized for use as boosters.

## ■ Updated (bivalent) booster

- Updated (bivalent) COVID-19 boosters that add Omicron BA.4 and BA.5 spike protein components to the current vaccine composition, helping to restore protection that has waned since previous vaccination by targeting variants that are more transmissible and immune-evading.



# Differentiating between boosters and additional doses

- For doses received *after* primary series completion:
  - Count as **boosters**: If no further details are provided, assume these doses are boosters (rather than additional doses) for NHSN surveillance
  - Count as **additional doses**: Only if there is specific documentation indicating additional doses were administered due to the individual having a moderately to severely immunocompromising condition



# New Definition: Up to Date with COVID-19 Vaccines

Reporting Period Quarter 4 2022 (September 26, 2022 – December 25, 2022)

The following definitions apply when reporting data through the NHSN COVID-19 Vaccination Modules for the reporting period of Quarter 4, 2022 (representing vaccination data for **September 26, 2022 – December 25, 2022**).

Up to date with COVID-19 vaccines (*Please note that changes for **Quarter 4 2022** are highlighted in yellow.*)

Individuals are considered up to date with their COVID-19 vaccines during the surveillance period of **September 26, 2022 – December 25, 2022** for the purpose of NHSN surveillance if they meet (1) of the following criteria:

Received an **updated (bivalent)\* booster dose**,

or

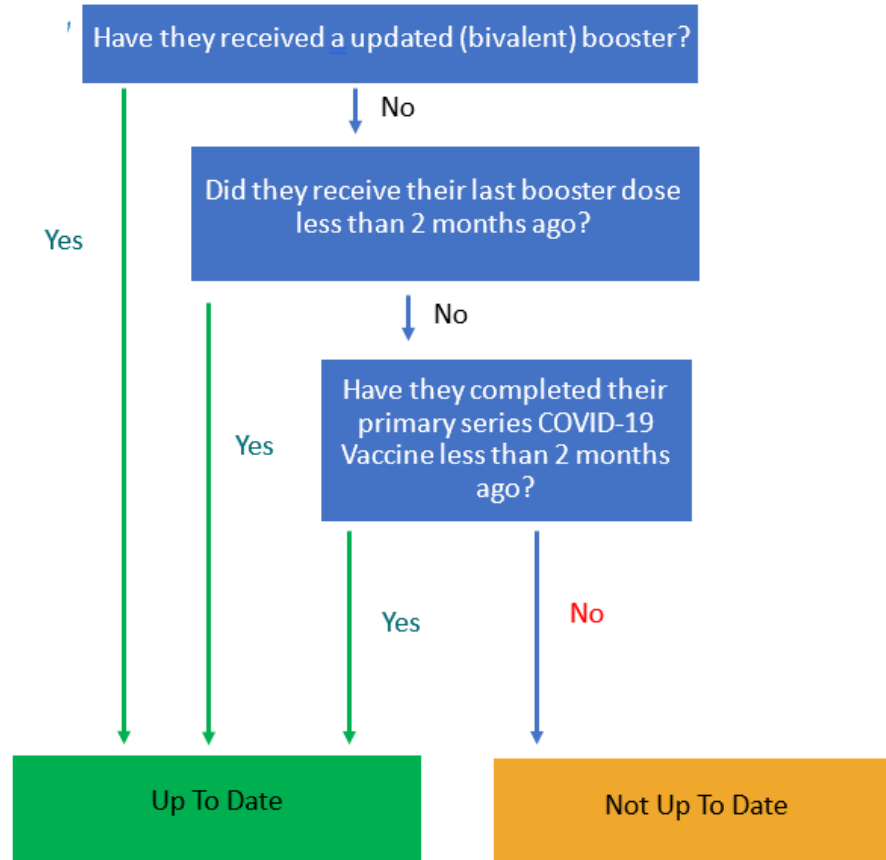
- a) Received their **last booster** dose **less than 2 months ago**, or
- b) Completed their **primary series less than 2 months ago**

\* The updated (bivalent) Moderna and Pfizer-BioNTech boosters target the most recent Omicron subvariants. The updated (bivalent) boosters were approved by the CDC on 9/2/2022. As of this date, the original, monovalent mRNA vaccines are no longer authorized as a booster dose for people ages 12 years and older.

Note: the NHSN surveillance definition for up to date is now the same regardless of immunocompromised status.



# Flow Chart: Up to Date with COVID-19 Vaccines



# Reminders

- Definition of up to date for NHSN surveillance may change over time
- Always use the NHSN surveillance definition corresponding to the reporting week that you are reporting data for
- For example, if you are reporting data for a week in June, please be sure that you are using the NHSN surveillance definition for Quarter 2 2022 because this definition is used for reporting weeks from May 30, 2022 – June 26, 2022
- Remember to refer to the definitions outlined in the following document for each quarter:
  - [Understanding Key Terms and Up to Date Vaccination \(https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf\)](https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf)



# Quarter 2 Up to Date Definition

## Reporting Period Quarter 2 2022 (May 30, 2022 – June 26, 2022)

The following definitions apply when reporting data through the NHSN COVID-19 Vaccination Modules for the reporting periods of Quarter 2, 2022 (representing vaccination data for May 30, 2022 through June 26, 2022).

### Up to date with COVID-19 Vaccines

***Individuals are considered up to date with their COVID-19 vaccines during the surveillance period of May 30, 2022 through June 26, 2022 for the purpose of NHSN surveillance if they meet (1) of the following criteria\*:***

1. An individual received all recommended doses in their **primary vaccine series** and received at least **one booster dose**. An individual does not need to receive a second booster dose to be considered up to date at this time.
2. An individual **recently** received all recommended doses in the **primary vaccine series** and is **not yet eligible for a booster dose**. Individuals who are not yet eligible to receive a booster dose include:
  - a. Those who received their second dose of a 2-dose primary series of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) less than 5 months ago.
  - b. Those who received a single dose of Janssen less than two months ago.

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

- 1) An individual received an additional dose less than three months ago, if primary series was the Moderna or Pfizer-BioNTech COVID-19 vaccine; or
- 2) An individual received an additional dose less than two months ago, if primary series was the Janssen COVID-19 vaccine; or
- 3) An individual received at least one booster dose after receiving an additional dose.



# Quarter 3 Up to Date Definition

## Reporting Period Quarter 3 2022 (June 27, 2022 – September 25, 2022)

The following definitions apply when reporting data through the NHSN COVID-19 Vaccination Modules for the reporting period of Quarter 3, 2022 (representing vaccination data for June 27, 2022 – September 25, 2022).

**Up to date with COVID-19 vaccines (Please note that changes for Quarter 3 2022 are highlighted in yellow.)**

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





# Examples

**Note: Examples apply the new Up to Date definition for reporting weeks in Quarter 4 (beginning September 26th, 2022)**



# Example of How to Report: Up to Date (Quarter 4)

Date Created: 07/27/2022 3:40PM

Facility ID # \* : Location Type \* : Hospital

Vaccination type \* : COVID19 Facility CCN # :

Week of Data Collection: 07/11/2022 - 07/17/2022 Date Last Modified: 07/27/2022 3:40PM

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	40	40	40			
2. * <b>Cumulative</b> number of HCP in Question #1 who have received primary series COVID-19 vaccines at this facility or elsewhere since December 2020:						
2.1 * <b>Only 1 dose</b> of a two-dose Primary COVID-19 vaccine series	2	2		2		
2.2 * Any completed <b>Primary</b> COVID-19 vaccine series	30	30		30		
3.1. * Medical contraindication to COVID-19 vaccine	0	0	0			
3.2. * Offered but declined COVID-19 vaccine	0	0	0			
3.3. * Unknown COVID-19 vaccination status	30	30	30			
4. * <b>Cumulative</b> number of HCP with complete primary series vaccine in Question #2 who have received <b>any booster(s) or additional dose(s)</b> of COVID-19 vaccine since August 2021						
	20	20	20			
Question 5 asks about individuals who are up to date. Please review the current definition of <a href="#">up to date</a>						
5. * <b>Cumulative</b> number of HCP in Question #2 who are <b>up to date</b> with COVID-19 vaccines	26	26	26			



## Example #1 (Quarter 4)

- Tom received 2 doses of the Pfizer COVID-19 vaccine and one original (monovalent) booster dose of the Moderna COVID-19 vaccine 4.5 months ago. Tom also received an updated (bivalent) booster dose of COVID-19 vaccine 2 months ago
  - Yes, Tom is up to date with COVID-19 vaccines because he received an updated bivalent booster dose.



Primary series



+



Original  
(monovalent)  
booster

+



Updated  
(bivalent)  
booster

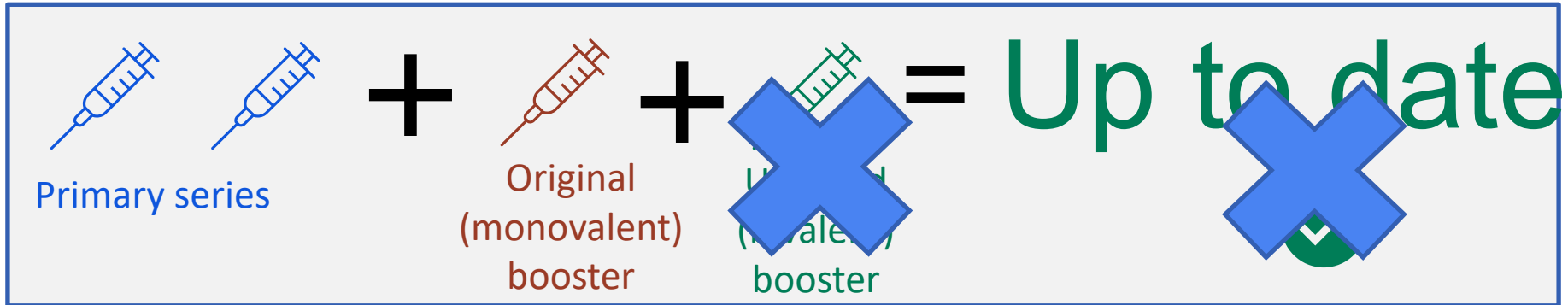
=

Up to date



## Example #2 (Quarter 4)

- Sandy received 2 doses of Pfizer COVID-19 vaccine and one original (monovalent) booster dose of the Moderna COVID-19 vaccine 2.5 months ago
  - No, Sandy is not up to date with COVID-19 vaccine because she has not yet received an updated bivalent booster, and her most recent original booster was more than 2 months ago.



## Example #3 (Quarter 4)

- Frank received 2 doses of Novavax vaccine with the last dose received one month ago.
  - Yes, Frank is up to date with COVID-19 vaccines.
  - He completed his primary vaccine series less than 2 months ago and is therefore not yet eligible to receive an updated bivalent booster dose.



# Frequently Asked Questions (Quarter 4)



# Question #1 (Quarter 4)

- How do I categorize an individual who received a **complete primary COVID-19 vaccine series of Moderna**, with the most recent dose received less than **2 months ago**?
  - This person would be included in:
    - Question 2.2, “Any completed primary COVID-19 vaccine series”
    - Question 5, “Cumulative number of individuals in question #2 who are up to date with COVID-19 vaccines”

Remember that they will no longer be considered up to date once it has been 2 or more months since their most recent primary series dose (until they receive an updated bivalent booster).



## Question #2 (Quarter 4)

- How do I categorize an individual who received a complete primary COVID-19 vaccine series of Pfizer **5 months ago**, and no booster doses?
  - This person would be included in:
    - Question 2.2, “Any completed primary COVID-19 vaccine series”

This person is not up to date because they completed their primary series 5 months ago, so they are eligible to receive an updated (bivalent) booster dose.





## Question #3 (Quarter 4)

- How do I categorize an individual who received a completed primary COVID-19 vaccine series of Moderna, and **one additional dose 1 month ago** due to having a moderately to severely **immunocompromising** condition, and no booster doses?
  - This person would be included in:
    - Question 2.2, “**Any completed primary COVID-19 vaccine series**”
    - Question 4, “Individuals with complete primary series vaccine in Question 2 who have received **any booster(s) or additional dose(s)** of COVID-19 vaccine”
    - Question 5, “Cumulative number of individuals in question 2 who are **up to date** with COVID-19 vaccines.”

Remember that they will no longer be considered up to date once it has been 2 or more months since their most recent dose (until they receive an updated bivalent booster)



## Question #4 (Quarter 4)

- How do I categorize an individual who received a completed primary COVID-19 vaccine series, and one original booster dose, and an updated (bivalent) booster dose?
  - This person would be included in:
    - Question 2.2, “Any **completed primary COVID-19 vaccine series**”
    - Question 4, “Individuals with complete primary series vaccine in Question 2 who have received **any booster(s) or additional dose(s)** of COVID-19 vaccine”
    - Question 5, “Cumulative number of individuals in question 2 who are **up to date** with COVID-19 vaccines.”



## Question #5 (Quarter 4)

- How do I categorize an individual who received a completed primary COVID-19 vaccine series of Pfizer, and two original booster doses, with the most recent booster dose booster dose 2.5 months ago?
  - This person would be included in:
    - Question 2.2, “**Any completed primary COVID-19 vaccine series**”
    - Question 4, “Individuals with complete primary series vaccine in Question 2 who have received **any booster(s) or additional dose(s)** of COVID-19 vaccine”

This person is not up to date because they received their last original booster dose 2.5 months ago, so they are eligible for an updated (bivalent) booster dose.



## Question #6 (Quarter 4)

- Is the new up to date definition the same for those who are under 50 years of age and those 50 years of age and older?
  - Beginning Quarter 4 (September 26 - October 2, 2022) the definition is the same for those who are under 50 years of age and those 50 years of age and older.



# Resources



# Resources: Understanding Key Terms and Up to Date Definition

- [COVID-19 Vaccination Modules: Understanding Key Terms and Up to Date Vaccination \(cdc.gov\)](#)



# Resources for Reviewing Data submission

- Please refer to our [Operational Guidance Tips and Tricks \(cdc.gov\)](https://www.cdc.gov/nhsn/pdfs/ltc/covidvax/linelist-checkdates-508.pdf) to ensure data are submitted completely. Note that once data are saved in NHSN, a “create date” will be displayed on the data entry screen.
- Facilities can also run reports in the NHSN application to view their data. Information on how to run these reports is available here: <https://www.cdc.gov/nhsn/pdfs/ltc/covidvax/linelist-checkdates-508.pdf>.



# Resource: The NHSN Website

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

- Training Slides
- Quick Reference Guides
- FAQs
- Data Collection Forms
- .CSV

## Weekly HCP COVID-19 Vaccination

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

### On This Page

[Protocol](#)

[CSV Data Import](#)

[Training](#)

[Data Tracking Worksheets](#)

[Forms & Instructions](#)

[Resources](#)

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





# Questions or Need Help?

E-mail user support at: [nhsn@cdc.gov](mailto:nhsn@cdc.gov)

Please write '*Weekly COVID-19 Vaccination*' in the subject line of the e-mail along with your facility type

For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://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.

