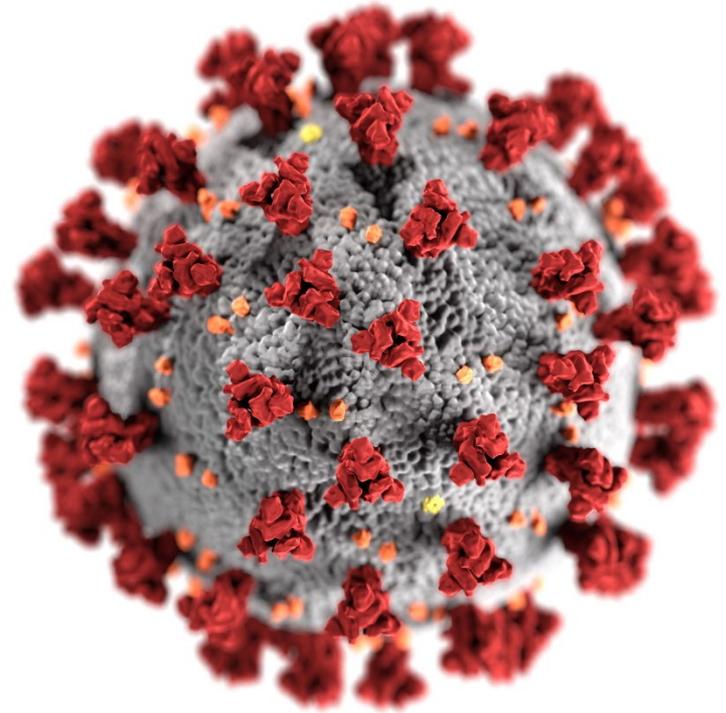


Up to Date Vaccination Status: Surveillance Definition Change for Dialysis Facilities

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



CMS Reporting Requirements

- **Reminder: Facilities can contact CMS with questions about requirements and quality reporting:**
 - Dialysis facilities:
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.

Up to Date	Question 5 asks about individuals who are up to date. Please review the current definition of up to date: up to date			
	* 5. <u>Cumulative</u> number of patients in question #2 who are <u>up to date</u> with COVID-19 vaccines	<input type="text"/>	<input type="text"/>	<input type="text"/>



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.)

■ **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.

■ **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.



Key Terms

■ 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

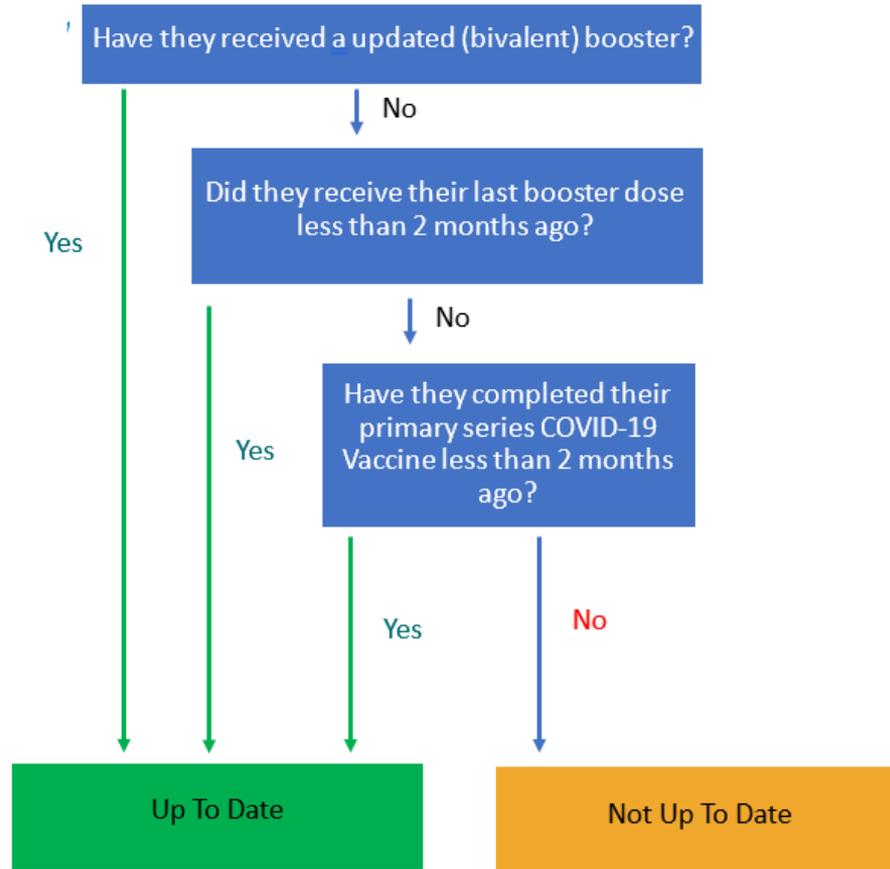
- a) Received their **last booster** dose **less than 2 months ago**, or
- b) Completed their **primary series less than 2 months ago**

* 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



Examples

**Note: Examples apply the new Up to Date definition
(beginning September 26th, 2022)**



Example of How to Report: Up to Date

Vaccination type *: COVID19

Facility CCN #:

Week of Data Collection: 12/27/2021

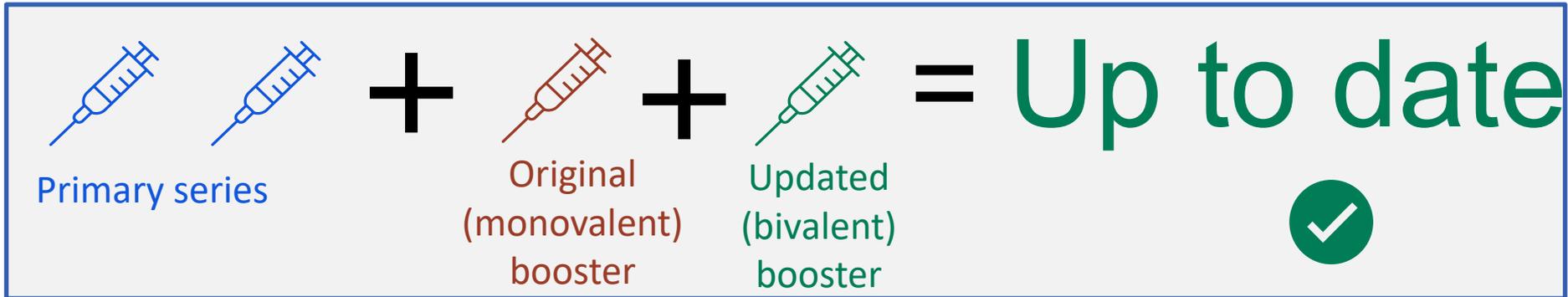
Date Last Modified: 12/27/2021

Cumulative Vaccination Coverage			
		*All Patients (Total)	In-Center Dialysis Patients
	* 1. Number of patients receiving dialysis care from this facility during the current reporting week	40	
Primary Vaccine Series	* 2. Cumulative number of patients in Question #1 who have received primary series COVID-19 vaccine(s) at this facility or else December 2020:		
	* 2.1 Only 1 dose of a two-dose Primary COVID-19 vaccine series	5	
	* 2.2 Any completed Primary COVID-19 vaccine series	30	
	3. Cumulative number of patients in Question #1 with other conditions:		
	* 3.1 Medical contraindication to COVID-19 vaccine	0	
	* 3.2 Offered but declined COVID-19 vaccine	5	
Boosters	* 3.3 Unknown COVID-19 vaccination status	0	
	* 4. Cumulative number of patients with complete primary series vaccine in Question #2 who have received any booster(s) or additional dose(s) of COVID-19 vaccine since August 2021	26	
Up to Date	Question 5 asks about individuals who are up to date. Please review the current definition of up to date: up to date		
	* 5. Cumulative number of patients in question #2 who are <u>up to date</u> with COVID-19 vaccines	26	



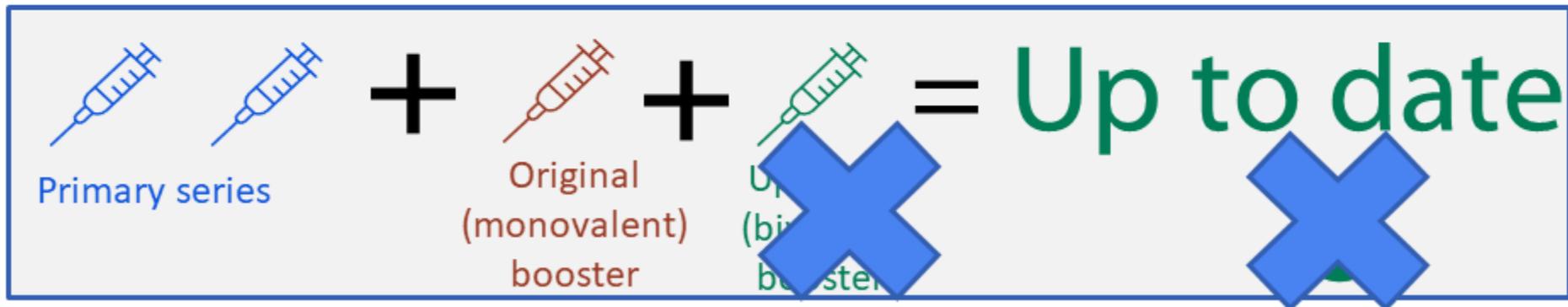
Example #1

- 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 a bivalent booster dose.



Example #2

- Sandy received 2 doses of Pfizer COVID-19 vaccine and one original (monovalent) booster dose of the Moderna COVID-19 vaccine 4.5 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

- 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 for a bivalent booster dose.



Frequently Asked Questions



Question #1

- How do I categorize a patient 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 residents 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

- 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 for an updated (bivalent) booster dose.



Question #3

- How do I categorize someone 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 patients 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

- How do I categorize someone who received a completed primary COVID-19 vaccine series, and **one additional dose** due to having a moderately to severely **immunocompromising** condition, and an updated (bivalent) booster dose?
 - This person would be included in:
 - Question 2.2, “Any **completed primary COVID-19 vaccine series**”
 - Question 4, “Patients 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 patients in question 2 who are **up to date** with COVID-19 vaccines.”



Question #5

- How do I categorize someone who received a completed primary COVID-19 vaccine series of Pfizer, and one 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 booster dose 2.5 months ago, so they are eligible for an updated (bivalent) booster dose.



Resources



Resource: The NHSN Website

- [Weekly Patient COVID-19 Vaccination | Dialysis | NHSN | CDC](#)
 - Training Slides
 - Quick Reference Guides
 - FAQs
 - Data Collection Forms
 - .CSV files
 - [Understanding Key Terms and Up to Date Vaccination](#)



Questions or Need Help?

E-mail user support at: 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

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.

