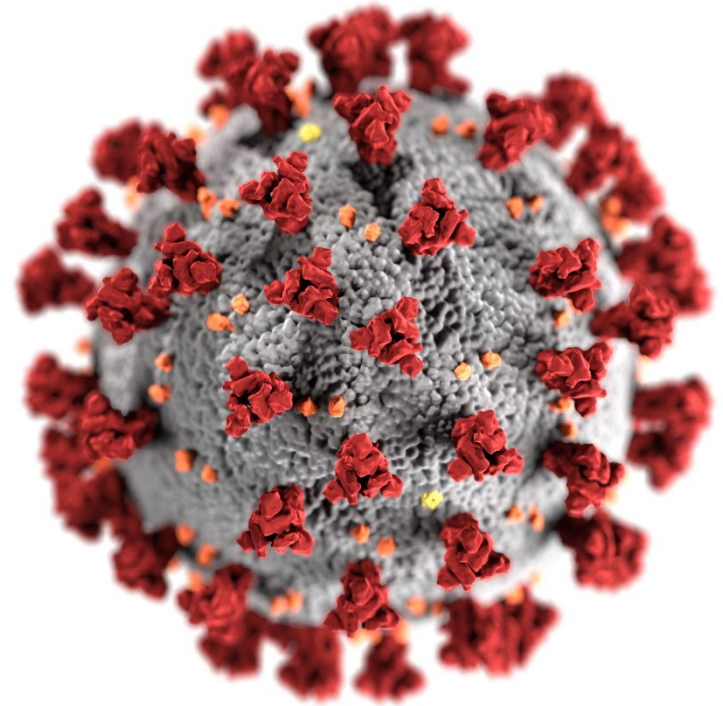


Up to Date Vaccination Status: Surveillance Definition Change for Long term Care Facilities

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



cdc.gov/coronavirus

CMS Reporting Requirements

- **Reminder: Facilities can contact CMS with questions about reporting requirements:**
 - Weekly reporting requirement questions: DNH_TriageTeam@cms.hhs.gov
 - Quality reporting program questions: SNFQualityQuestions@cms.hhs.gov



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 of residents 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.)

■ **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

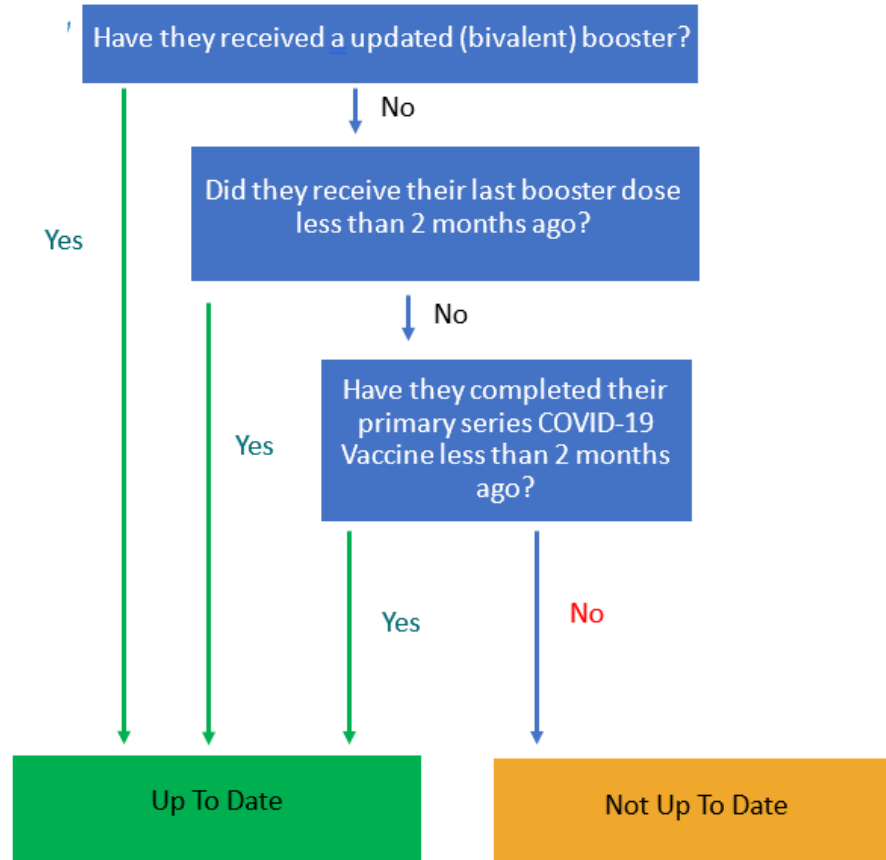
- a) Received their **last booster** dose **less than 2 months ago**, or
- b) Completed their **primary series less than 2 months ago**

* 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

Late created.

* Facility ID: 14341

* Vaccination type: COVID19

Facility CCN #: 323028

* Week of Data Collection: 04/25/2022 - 05/01/2022

* Date Last Modified:

Cumulative Vaccination Coverage

Next Facility ID: 14341, Week of Data Collection: 04/25/2022 - 05/01/2022, Vaccination Type: COVID19, Cumulative Vaccination Coverage: 40, Date Last Modified: 05/01/2022, Facility CCN #: 323028

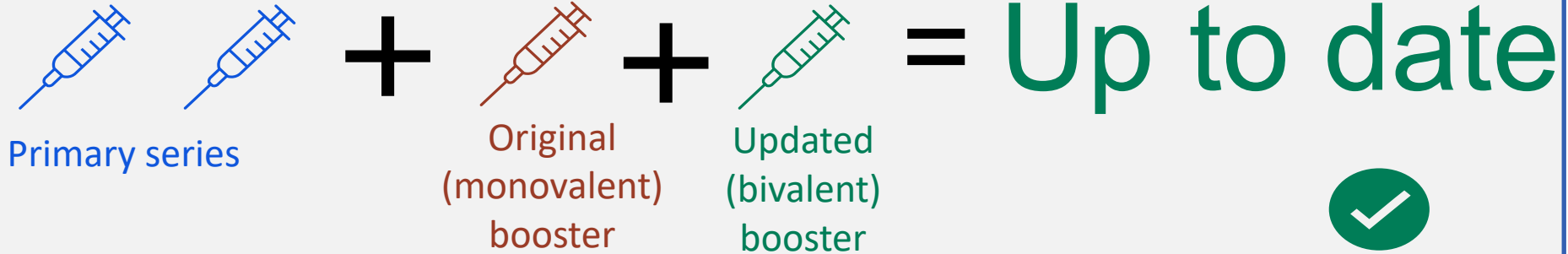
Learn more here: [Link to Q5](#)

1. * Number of residents staying in this facility for at least 1 day during the week of data collection	40
2. * Cumulative number of residents in Question #1 who have received primary series COVID-19 vaccine(s) at this facility or elsewhere since December 2020:	
2.1 * Only 1 dose of a two-dose Primary COVID-19 vaccine series	2
2.2 * Any completed Primary COVID-19 vaccine series	30
3. * Cumulative number of residents in Question #1 with other conditions:	
3.1 * Medical contraindication to COVID-19 vaccine	0
3.2 * Offered but declined COVID-19 vaccine	3
3.3 * Unknown COVID-19 vaccination status	0
4. * Cumulative number of residents 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	25
4.1 * Cumulative number of residents in Question #4 who have received only one booster dose of COVID-19 vaccine since August 2021	15
4.2 * Cumulative number of residents in Question #4 who received two or more booster doses of COVID-19 vaccine, and the most recent dose was received since March 29, 2022	5
Question 5 asks about individuals who are up to date . Please review the current definition of up to date .	
5. * Cumulative number of residents in question #2 who are up to date with COVID-19 vaccines	26



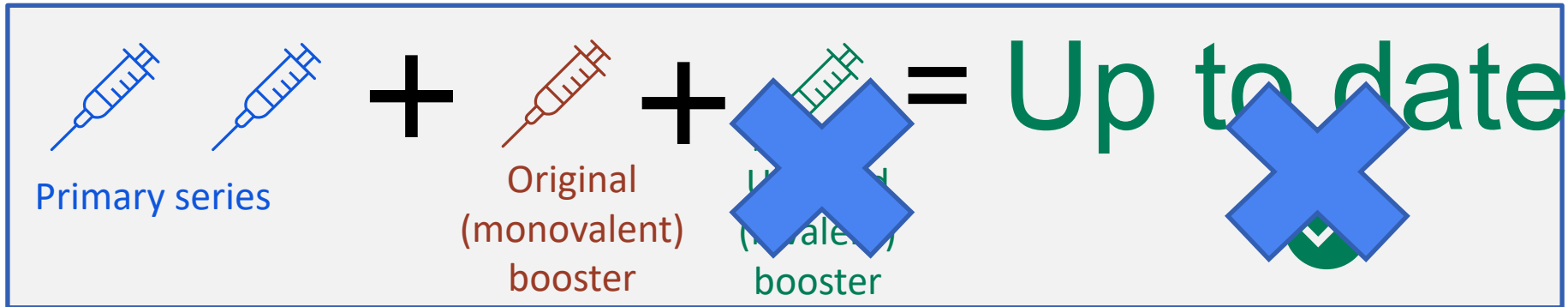
Example #1

- 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 an updated 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 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

- 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



Question #1a

- How do I categorize a resident 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 #1b: RIFC Pathway

- How do I categorize a resident with a newly positive SARS-CoV-2 viral test result 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:
 - Complete Primary Vaccination Series
 - Up to Date

Add COVID-19 Data

1 * **POSITIVE TESTS:** Enter the Number of residents with a newly positive SARS-CoV-2 viral test result (for example, a positive SARS-CoV-2 antigen test and/or SARS-CoV-2 NAAT (PCR)).
Note: Do not include residents who have a positive SARS-CoV-2 antigen test, but a negative SARS-CoV-2 NAAT (PCR).
Only include residents newly positive since the most recent date data were collected for NHSN reporting.

Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result

** PRIMARY SERIES: Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.	Not Vaccinated: Include residents who have not been vaccinated with a COVID-19 vaccine OR residents whose first dose was administered 13 days or less before the specimen collection date	0
	Partial Vaccination: Include residents who have received Only 1-dose of a two-dose primary vaccine series.	0
	Complete Primary Vaccination Series: Include residents who have received Dose 1 and * Dose 2 of a two-dose primary vaccine series OR 1 Dose of the Janssen COVID-19 Vaccine. * second dose received 14 days or more before the specimen collection date; otherwise, count as only dose 1.	1
** ADDITIONAL OR BOOSTER DOSES	Additional or Booster Vaccination: Include newly positive residents who have received any additional dose(s) or booster dose(s) of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date. Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.	0
	Residents who received at least one or more booster dose of COVID-19 vaccine: Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.	
** BOOSTER DOSES	One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer) 14 days or more have passed before the specimen collection date.	0
	Two or More Boosters: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 AND 14 days or more have passed before the specimen collection date.	0
	** Up to Date Vaccination Status	
	Up to Date: Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date. Note: Please review the current definition of up to date: https://www.cdc.gov/nhan/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf	1

Save Cancel

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 to receive an updated (bivalent) booster dose.



Question #3

- How do I categorize a resident 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, “Residents 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 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 dose (until they receive an updated bivalent booster)



Question #4a

- How do I categorize a resident 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, “Residents with complete primary series vaccine in Question 2 who have received **any booster(s) or additional dose(s)** of COVID-19 vaccine”
 - Question 4.2, “Residents who received **two or more booster doses**”
 - Question 5, “Cumulative number of residents in question 2 who are **up to date** with COVID-19 vaccines.”



Question #4b: RIFC Pathway

- How do I categorize a resident with a newly positive SARS-CoV-2 viral test result who received a **completed primary COVID-19 vaccine series, one original booster dose, and an updated (bivalent) booster dose**?
 - This person would be included in:
 - Complete Primary Vaccination Series
 - Additional or Booster Vaccination
 - Two or More Boosters (one original booster dose, and an updated (bivalent) booster dose)
 - Up to Date



Example for Question #4b: RIFC Pathway

Add COVID-19 Data

1 * **POSITIVE TESTS:** Enter the Number of residents with a newly positive SARS-CoV-2 viral test result (for example, a positive SARS-CoV-2 antigen test and/or SARS-CoV-2 NAAT (PCR)).
Note: Do not include residents who have a positive SARS-CoV-2 antigen test, but a negative SARS-CoV-2 NAAT (PCR).
Only include residents newly positive since the most recent date data were collected for NHSN reporting.

Vaccination Status of Residents with a Newly Confirmed SARS-CoV-2 Viral Test Result

** PRIMARY SERIES: Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.	Not Vaccinated: Include residents who have not been vaccinated with a COVID-19 vaccine OR residents whose first dose was administered 13 days or less before the specimen collection date Partial Vaccination: Include residents who have received Only 1-dose of a two-dose primary vaccine series.	<input type="text" value="0"/> <input type="text" value="0"/>
	Complete Primary Vaccination Series: Include residents who have received Dose 1 and ~ Dose 2 of a two-dose primary vaccine series OR 1 Dose of the Janssen COVID-19 Vaccine. <i>~ second dose received 14 days or more before the specimen collection date; otherwise, count as only dose 1.</i>	<input type="text" value="1"/>
** ADDITIONAL OR BOOSTER DOSES	Additional or Booster Vaccination: Include newly positive residents who have received any additional dose(s) or booster dose(s) of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date. <i>Include additional or booster dose received 14 days or more before the specimen collection date; otherwise, count as only primary series.</i>	<input type="text" value="1"/>
Residents who received at least one or more booster dose of COVID-19 vaccine: Based on the number of residents with a newly positive SARS-CoV-2 viral test result identified above.		
** BOOSTER DOSES	One Booster: Include residents who have received only one booster dose of COVID-19 vaccine (any manufacturer) AND 14 days or more have passed before the specimen collection date.	<input type="text" value="0"/>
	Two or More Boosters: Include residents who have received two or more booster doses of COVID-19 vaccine since March 29, 2022 AND 14 days or more have passed before the specimen collection date.	<input type="text" value="1"/>
** Up to Date Vaccination Status		
Up to Date: Include residents who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date. Note: Please review the current definition of up to date: https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf		<input type="text" value="1"/>

Save Cancel



Question #5

- How do I categorize a resident 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”
 - Question 4.2, “Residents who received **two or more booster doses**”

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

- 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.



Person-Level (Event-Level) Vaccination Forms: Up to Date Definition (Updates)



Person-Level (Event-Level) Vaccination Forms: Up to Date Definition

- Users who submit weekly vaccination data with the Person-Level Vaccination Forms will have the new up to date definition automatically applied when submitting data beginning reporting week September 26 – October 2
 - Updates will include adding the updated (bivalent) Pfizer and updated (bivalent) Moderna vaccines to the booster dose drop-down menus
 - Until then, continue entering booster doses administered in September 2022 as original Moderna or Pfizer. We will ensure that these are counted as bivalent and up to date when new definition is applied
 - The original manufacturers are no longer FDA authorized as boosters for individuals age 12+



Resources



Resource: The NHSN Website

- [Weekly HCP & Resident COVID-19 Vaccination | LTCF | NHSN | CDC](#)
 - Training Slides
 - Quick Reference Guides
 - FAQs
 - Data Collection Forms
 - .CSV
 - **Person-Level (Event-Level) Forms**

Weekly HCP & Resident COVID-19 Vaccination

Long-term care facilities can track weekly COVID-19 vaccination data for residents and healthcare personnel (HCP) through NHSN.

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[Event-Level COVID-19 Vaccination Forms](#)

[Forms & Instructions](#)

[Resources](#)

[Nursing Home COVID-19 Vaccination Data Dashboard](#)

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



Resources: Person-Level (Event-Level) COVID-19 Vaccination Forms

All resources: <https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html>

- Trainings:
 - [NHSN Event-Level Vaccination Forms: Office Hours and FAQs – June 2022; YouTube](#)
 - [NHSN Event-Level Vaccination Forms: Office Hours and FAQs – April 2022; Youtube](#)
- Guidance:
 - [1 Pager: NHSN Event-Level COVID-19 \(Person-Level\) Forms – June 2022](#)
 - [Event Level COVID-19 Vaccination Form Quick Reference Guide – April 2022](#) (Note: this will be updated soon, along with a person-level TO!)
- CSV variable description and file layout:
 - [Variable description and file layout for event-level \(person-level\) vaccination forms](#) – September 2022
- CSV template and example - HCP:
 - [.CSV File Template for LTCF HCP \[XLS – 480 B\]](#) – September 2022
 - [Example .CSV File for LTCF HCP \[XLS – 1 KB\]](#) – September 2022
- CSV template and example - Residents:
 - [.CSV File Template for LTCF Residents \[XLS – 470 B\]](#) – September 2022
 - [Example .CSV File for LTCF Residents \[XLS – 1 KB\]](#) – September 2022



Resource: LTCF COVID-19 Module Webpage

COVID-19 Surveillance Pathways

Resident Impact and Facility Capacity, Staff and Personnel Impact, and Therapeutics

- [COVID-19 Module | LTCF | NHSN | CDC](#)
 - Data Collection Forms
 - Table of Instructions
 - .CSV templates
 - .CSV file layout documents
 - Training slides

LTCF COVID-19 Module

Facilities eligible to report data to NHSN's LTCF COVID-19 Module include nursing homes/skilled nursing, Intermediate Care Facilities for individuals with Intellectual disability (ICF/ID), and assisted living facilities.

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[FAQs about the POC Testing Reporting Tool](#)
[PDF - 3 MB]

[CDC COVID-19 Info](#)
Get the latest information from the CDC about COVID-19



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.

