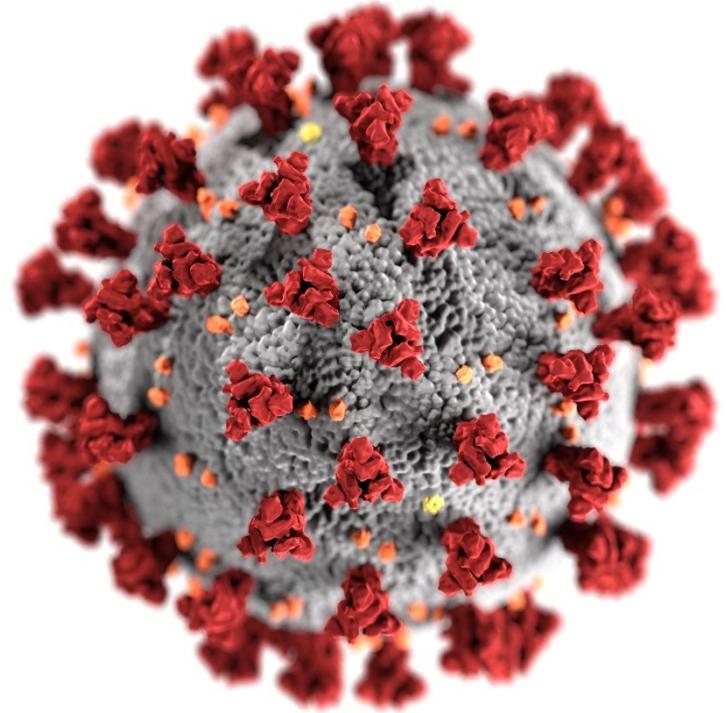


# Up to Date Vaccination Status: Surveillance Definition Change

## COVID-19 Vaccination Modules & Resident Impact and Facility Capacity (RIFC) Surveillance Reporting Pathway

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

June 2022



# CMS Reporting Requirements

- **Reminder: Facilities can contact CMS with questions about requirements and quality reporting:**
  - 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: [questions@cms.hhs.gov](mailto:questions@cms.hhs.gov)
  - Long-term acute care quality reporting program: [LTCHQualityQuestions@cms.hhs.gov](mailto:LTCHQualityQuestions@cms.hhs.gov)
  - Long-term care facilities: [SNFQualityQuestions@cms.hhs.gov](mailto:SNFQualityQuestions@cms.hhs.gov)
  - Ambulatory Surgery Centers:
    - [https://cmsqualitysupport.servicenowservices.com/qnet\\_qa?id=ask\\_a\\_question](https://cmsqualitysupport.servicenowservices.com/qnet_qa?id=ask_a_question)
  - Dialysis facilities:
    - [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 **June 27, 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 June 27<sup>th</sup>, 2022



# Weekly COVID-19 Vaccination Forms

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

	* All Core HCP <sup>a</sup>	* All HCP <sup>b</sup>	* Employees (staff on facility payroll) <sup>c</sup>	* Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants <sup>d</sup>	* Adult students/trainees and volunteers <sup>e</sup>	* Other contract personnel <sup>f</sup>
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 <u>up to date</u> with COVID-19 vaccines	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>



# COVID-19 Surveillance Pathway: RIFC

The Resident Impact and Facility Capacity Pathway can be found under “Pathway Data Reporting”



NHSN - National Healthcare Safety Network (AWDV-NHSN-WL01:8001)

NHSN Home

- Alerts
- Dashboard
- Reporting Plan
- Resident
- Event
- Summary Data
- COVID-19
  - Dashboard
  - Pathway Data Reporting
  - POC Test Result Reporting
  - COVID-19 Event
  - COVID-19 Vaccination - HCW
  - COVID-19 Vaccination - Residents
  - Event-Level COVID-19 Vaccination Form - HCW
  - Event-Level COVID-19 Vaccination Form - Residents
- Vaccination Summary
- Import/Export
- Surveys
- Analysis
- Users
- Facility
- Group
- Tools
- POC Vocab
- Dynamic Forms
- Logout

NHSN Long Term Care Facility Component Home Page

- Long Term Care Dashboard
- Action Items

- *Up to Date* data element

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: <a href="https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf">https://www.cdc.gov/nhsn/pdfs/hps/covidvax/UpToDateGuidance-May2022-508.pdf</a>	



# 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 3 of 2022 (June 27, 2022 – September 2, 2022)
  - Quarter 2 of 2022 (May 30, 2022 [*NHSN release date*] – June 26, 2022)



# Changes in Reporting Definitions (cont.)

- Facilities should report data according the surveillance definition that is in use as of the first day for a quarter
  - CDC originally defined Up to Date vaccination in April 2022
    - Facilities should use the April definition to report data for Quarter 2 of 2022 (May 30, 2022 – June 26, 2022)
  - CDC modified the definition of Up to Date vaccination in June 2022
    - Facilities should use the definition modified in June to report data for Quarter 3 of 2022 (June 27, 2022 – September 2, 2022)



# Review of Key Terms



# Key Terms

## ■ Primary vaccine series

- Completing a primary vaccine series means receiving:
  - A 2-dose series of an mRNA COVID-19 vaccine (Pfizer-BioNTech and Moderna), 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.



# Differentiating between boosters and additional doses

- An individual receives one or two doses of COVID-19 vaccine after they completed their primary series
  - Count as **boosters**: If no further details are provided, count these doses as 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

Changes for Quarter 3 2022 (beginning June 27, 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><b>or</b></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>	<p>Received <b>second booster dose</b> (<b>or</b> received <b>first booster dose less than 4 months ago</b> and not yet eligible for a second booster dose)</p> <p><b>or</b></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>

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

- 1) Received an additional dose less than three months ago, if primary series was the Moderna or Pfizer-BioNTech COVID-19 vaccine; or
- 2) Received an additional dose less than two months ago, if primary series was the Janssen COVID-19 vaccine; or
- 3) Received an additional dose and one booster dose **less than four months ago**; or
- 4) **Received a second booster dose**.



# Examples

**Note: Examples apply the new Up to Date definition  
(beginning June 27<sup>th</sup>, 2022)**



# Example of How to Report: Up to Date

Late created: [redacted]  
 \*Facility ID: 14341 \*Vaccination type: COVID19 Facility CCN #: 323028  
 \*Week of Data Collection: 04/25/2022 - 05/01/2022 \*Date Last Modified: [redacted]  
**Cumulative Vaccination Coverage**  
 Name: [redacted] | Email: [redacted] | Work Week: [redacted] | COVID-19 Vaccination Coverage: [redacted] | Cumulative number of residents who are up to date with COVID-19 vaccinations as of the first Monday of the reporting period: [redacted]

Learn more here: [LINK TO QLS](#)

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



# Example #1

- Bill is **65 years old**. He received 2 doses of the Moderna COVID-19 vaccine for his primary vaccine series. He later received **two booster doses** of the Moderna COVID-19 vaccine; second booster dose was 5 months ago. Is Bill considered up to date?
  - **Yes**, Bill is up to date with COVID-19 vaccines because he received two booster doses.



## Example #2 of Up to Date Vaccination: RIFC Pathway

- Bill is a resident of DHQP Nursing Home, he is **65 years old** and tested positive on June 23, 2022. He received 2 doses of the Moderna COVID-19 vaccine for his primary vaccine series. He later received **two booster doses** of the Moderna COVID-19 vaccine; second booster dose was received 5 months ago.
- Is Bill included in the *Up to Date* count?
  - Yes, Bill would be included since the most recent dose (i.e., the second booster dose) was received **14 days or more before** the specimen collection of the newly positive SARS-CoV-2 viral test result.



## Example #3

- Ann is **20 years old**. She received **2 doses of the Moderna COVID-19 vaccine**; last dose was **7 months ago**. She has not received any booster doses. Is Ann considered up to date?

**No**, Ann is **not** up to date with COVID-19 vaccines because she has not received a booster dose, even though she is eligible for it.

Note: because Ann is under 50 years old, she only needs to receive 1 booster dose in order to be considered up to date.



# Example #4

- Mary is **35 years old**.
  - Mary received **2 primary series doses** of the Moderna COVID-19 vaccine.
  - Mary received **one booster dose** of the Moderna COVID-19 vaccine 2 months ago.
- Is Mary considered up-to-date?
  - Yes, Mary is up to date with COVID-19 vaccines because she is less than 50 years old and received a booster dose.
- Mary 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 4.1, “Residents in Question #4 who have received **only one booster dose** of COVID-19 vaccine” [*Resident form only*]
  - Question 5, “Individuals in question #2 who are **up to date** with COVID-19 vaccines”



# Example #5: Reporting in the RIFC Pathway

- Mary is 35 years old.
  - Mary is a resident of DHQP Nursing Home
  - Mary tested positive for SARS-CoV-2 on 6/22/22
  - Mary received 2 primary series doses of the Moderna COVID-19 vaccine.
  - Mary received one booster dose of the Moderna COVID-19 vaccine 2 months ago.
  
- Is Mary considered up to date?
  - Yes, Mary is up to date with COVID-19 vaccines because she is less than 50 years old and received a booster dose.
  
- Mary would be included in the following counts:
  - **Positive Tests**
  - **Completed Primary Vaccination Series**
  - **Additional or Booster Vaccination**
  - **One Booster**
  - **Up to Date**



## Example #6: Reporting in the RIFC Pathway

- Tom is 60 years old.
  - Tom had a positive SARS-CoV-2 viral test result on 6/21/22
  - Tom received 2 doses of the Pfizer COVID-19 vaccine.
  - Tom received one booster dose of the Moderna COVID-19 vaccine 4.5 months ago.
- Is Tom considered up to date?
  - No, Tom is not up to date with COVID-19 vaccines because he is 60 years old (i.e., greater than 50) and received only one booster dose 4.5 months ago.
  - Since it has been more than 4 months since his booster dose, Tom is now eligible for a second booster dose but has not yet received it.
- Tom would be included in:
  - **Positive Tests**
  - **Complete Primary Vaccination Series**
  - **Additional or Booster Dose**
  - **One Booster**



# Example #7

- Jackie is **78 years old**.
  - Jackie received **2 doses of the Moderna** COVID-19 vaccine.
  - Jackie received **two booster doses** of the Moderna COVID-19 vaccine
- Is Jackie considered up-to-date?
  - Yes, Jackie is up to date with COVID-19 vaccines because she received two booster doses.
- Jackie 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 in Question #4 who received **two or more booster doses**”
  - Question 5, “Residents in question #2 who are **up to date** with COVID-19 vaccines”



## Example #8

- John is **23 years old**.
  - John received **2 doses of the Moderna** COVID-19 vaccine.
  - John's last dose was **7 months ago**.
- Is John considered up-to-date?
  - No, John is not up to date with COVID-19 vaccines because he has not received a booster dose even though he is eligible for it.
  - It has been over 5 months since John received his second dose of the Moderna COVID-19 vaccine. Therefore, John is eligible for a booster dose. He has not yet received a booster dose, so he is not up to date.
- John would be included in:
  - Question 2.2, “Any **completed primary COVID-19 vaccine series**”



## Example #9

- Frank is **70 years old**.
  - Frank received **2 doses of the Pfizer-BioNTech** COVID-19 vaccine; last dose was **3 months ago**.
- Is Frank considered up to date?
  - Yes, Frank is up to date with COVID-19 vaccines.
  - It has been three months since Frank received his second dose of the Pfizer-BioNTech COVID-19 vaccine. Therefore, Frank is not yet eligible for a booster dose at this time (but will be eligible once it has been 5 months since his last dose).
- Frank would be included in:
  - Question 2.2, “Any **completed primary COVID-19 vaccine series**”
  - Question 5, “Individuals in question #2 who are **up to date** with COVID-19 vaccines”



# Example #10

- Jane is **19 years old**.
  - Jane only received the **first dose of the Pfizer-BioNTech** COVID-19 vaccine.
- Is Jane considered up to date?
  - No, Jane is not up to date with COVID-19 vaccines because she did not receive all recommended doses in the primary vaccine series.
- Jane would be included in:
  - Question 2.1, **“Only 1 dose of a two-dose Primary COVID-19 vaccine series”**



# Example #11

- Alice received **2 doses of the Moderna COVID-19 vaccine**.
  - Alice received an **additional dose one month ago** due to having a moderately immunocompromising condition.
  - Alice did not receive any booster doses.
- Is Alice considered up to date?
  - Yes, Alice is up to date with COVID-19 vaccines because she received an additional dose one month ago (i.e., less than three months ago). Therefore, Alice is not yet eligible for a booster dose at this time (but will be eligible once it has been 3 months since her additional dose).
- Alice 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, “Individuals in question #2 who are **up to date** with COVID-19 vaccines”



# Frequently Asked Questions



# Question #1

- How do I categorize a resident who received a **complete primary COVID-19 vaccine series of Moderna**, with the most recent dose received **4 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”



## 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 exactly 5 months ago, so they are now eligible for a booster dose.



## Question #3

- How do I categorize a resident who is **75 years old** and received a complete primary COVID-19 vaccine series and **one booster dose 6 months ago**?
  - 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 4.1, “Residents in Question 4 who have received **only one booster dose** of COVID-19 vaccine”
  - This resident is NOT up to date because they are 75 years old and only received 1 booster dose over 4 months ago. They need a 2<sup>nd</sup> booster dose to be up to date.



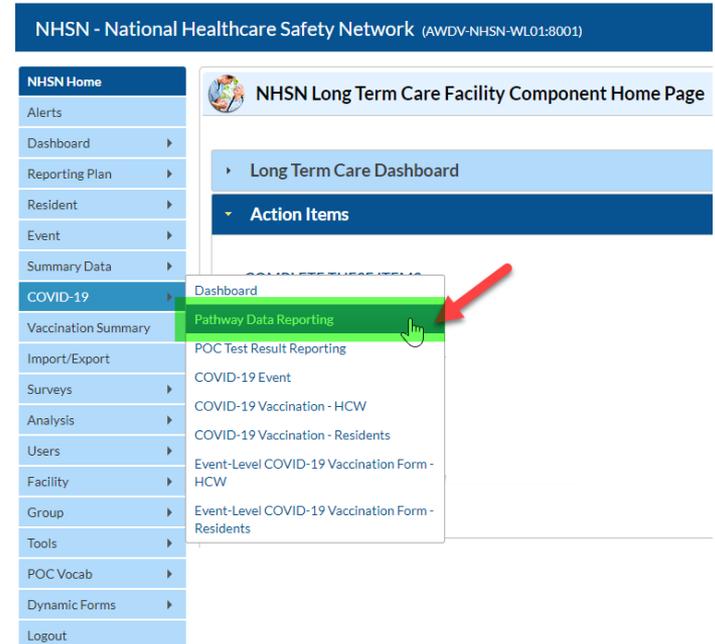
## Question #4

- How do I categorize a resident who received a completed primary COVID-19 vaccine series and **two booster doses** (most recent April 2022)?
  - 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 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.”
    - Question 5, “Residents in question 2 who are **up to date** with COVID-19 vaccines.”



# Question #4: RIFC Pathway

- How do I categorize a resident who received a completed primary COVID-19 vaccine series and two booster doses (most recent April 2022) and tested positive on 6/23/22?
  - This person would be included in:
    - Positive Tests
    - Complete Primary Vaccination Series
    - Additional or Booster Vaccination
    - Two or More Boosters
    - Up-to-Date



## Question #5

- 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 residents in question 2 who are **up to date** with COVID-19 vaccines.”



## Question #6

- 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 **one booster dose three months ago**?
  - 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”
      - Residents only: Question 4.1, “Residents in Question 4 who have received **only one booster dose** of COVID-19 vaccine since August 2021.”
    - Question 5, “Residents in question 2 who are **up to date** with COVID-19 vaccines.”



# Person-Level/ Event-Level Vaccination Tool

- What are Person-Level/ Event-Level COVID-19 vaccination forms?
  - The Person-Level COVID-19 Vaccination Forms are **OPTIONAL** tools that can be used to report data to the **Long-Term Care** weekly Healthcare personnel and Resident vaccination modules
  - Available in NHSN application; SAMS Level 3 access required (to request please contact [NHSN@cdc.gov](mailto:NHSN@cdc.gov) and place in the subject line: SAMS Level 3 Access)
  - These are the new and improved versions of the Excel Data Tracking Worksheets (now retired for Long-Term Care)

# Person-Level/ Event-Level Vaccination Tool - continued

Currently only available for Long-Term Care

Data on individual residents and HCP are entered line by line in the optional Person-Level COVID-19 Vaccination tool, and the application calculates and enters the weekly totals for you and **calculates who is up to date based on vaccination dates – this is a major benefit of using this tool and can significantly simplify reporting!**

- The logic for the new up to date definition has been added to the event-level tool and will be applied to all weeks beginning June 27<sup>th</sup>
  - Note: This requires entering **Date of Birth** for all individuals in the facility as of June 27<sup>th</sup>. This is because age is part of the new definition.
- You must select the “View Reporting Summary & Submit” button and select the reporting week, review the totals, and click save and submit to submit data to the weekly vaccination form
- Expansion to other modules coming in future months



# Resources: Person-Level / Event-Level COVID-19 Vaccination Forms

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

- [Event-Level COVID-19 Vaccination Form Quick Reference Guide – April 2022](#)
- NHSN Event-Level Vaccination Forms: Office Hours and FAQs – April 2022: [Youtube](#); [Slideset](#)
- CSV materials:
  - [.CSV templates for Event Level COVID-19 Vaccination Forms for LTCF Residents and HCP \[PDF – 171 KB\]](#) – May 2022
  - [.CSV File Template for LTCF HCP \[XLS – 480 B\]](#) – May 2022
  - [Example .CSV File for LTCF HCP \[XLS – 1 KB\]](#) – May 2022
  - [.CSV File Template for LTCF Residents \[XLS – 470 B\]](#) – May 2022
  - [Example .CSV File for LTCF Residents \[XLS – 1 KB\]](#) – May 2022

New June 2022 Person-Level CSV files that include Date of Birth are being posted to the website



# Resources



# Resource: The NHSN Website

- [Weekly HCP & Resident COVID-19 Vaccination | LTCF | NHSN | CDC](#)
- [Weekly HCP COVID-19 Vaccination | HPS | NHSN | CDC](#)
- [Weekly Patient COVID-19 Vaccination | Dialysis | NHSN | CDC](#)
  - Training Slides
  - Quick Reference Guides
  - FAQs
  - Data Collection Forms
  - .CSV files
  - Event/Person – Level Forms
  - [Understanding Key Terms and Up to Date Vaccination](#)



# 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.

