



Quick Learn Demonstration: Reporting Weekly Cumulative COVID-19 Vaccination Data

Division of Healthcare Quality Promotion

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Objectives

- Ensure NHSN facilities can confidently report cumulative COVID-19 vaccination data
- By the end of this Quick Learn, you will be able to:
 - Define cumulative data
 - Explain the difference between cumulative and incident data
 - Calculate cumulative COVID-19 vaccination data
 - Enter cumulative COVID-19 vaccination data into the NHSN application

Intended Audience

- NHSN users who enter COVID-19 vaccination data
- COVID-19 Vaccination Modules:
 - Residents in long-term care (LTC) facilities
 - Healthcare personnel (HCP) in LTC facilities
 - HCP in non-LTC facilities (e.g., hospitals)
 - Patients in outpatient dialysis facilities



Cumulative Vaccination Data: Overview

Cumulative versus Incident Vaccination Data

- **Cumulative vaccination data** are the **total number** of individuals who have **ever received** COVID-19 vaccine since it became available in December 2020
 - **Incident vaccination data** are the number of **new** individuals who received COVID-19 vaccine in a specific week
-  **Incident data are not used for reporting COVID-19 vaccination data in NHSN!**

Reporting Cumulative Vaccination Data

Cumulative vaccination data are reported in Question 2 of the NHSN COVID-19 Vaccination Modules:

2. **Cumulative number** of individuals in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere

So, the **cumulative number** of individuals are **ALL** those who have been vaccinated (not just those vaccinated during the reporting week).

- Slide 19 has links to other training resources
- Slide 20 has additional information about completing required questions for the COVID-19 Vaccination Modules

Cumulative Vaccination Data: Example

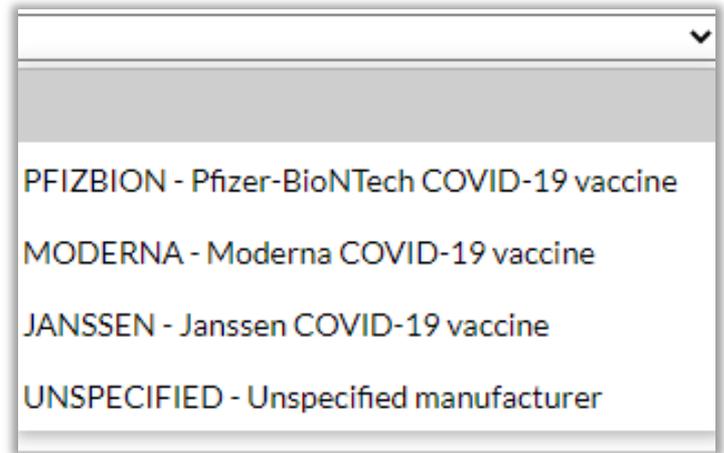
- 1st week: **5** individuals receive dose 1 of *Moderna* COVID-19 vaccine
 - The **cumulative** number of individuals who received dose 1 of *Moderna* COVID-19 vaccine = **5**
- 2nd week: **5 more** individuals receive dose 1 of *Moderna* COVID-19 vaccine
 - The **cumulative** number of individuals receiving dose 1 of *Moderna* COVID-19 vaccine = **10**
 - Explanation: 5 individuals vaccinated the 1st week + 5 individuals vaccinated the 2nd week = **10**

Reporting Cumulative Vaccination Data: Completing Question 2

Question #2: Individuals* receiving COVID-19 vaccine

Required: Report the cumulative number of total vaccinated individuals

- **First:** Select a COVID-19 vaccine from the drop-down box
 - *Pfizer-BioNTech*
 - *Moderna*
 - *Janssen*
 - *Complete COVID-19 vaccination series:
Unspecified manufacturer*



*Individuals may be healthcare personnel, LTCF residents, or dialysis patients, depending on which NHSN module is being used.

Question #2: Individuals receiving COVID-19 vaccine (continued)

Required: Report the cumulative number of total vaccinated individuals

- **Second:** Enter cumulative number of individuals who have ever received only dose 1 of the COVID-19 vaccine since it became available in December 2020
- **Third:** Enter cumulative number of individuals who have ever received dose 1 and dose 2 of the COVID-19 vaccine since it became available in December 2020

Please enter the cumulative number individuals receiving COVID-19 vaccine at the facility or outside the facility (for example, a local pharmacy or hospital)

Reporting Cumulative Vaccination Data: Examples

Question #2: Simple Example

■ Data Collected

- Last month, **20** individuals received dose 1 of the *Pfizer-BioNTech* vaccine
- For this week, **2** of these 20 individuals receive dose 2 of the *Pfizer-BioNTech* vaccine

■ NHSN Reporting

- **18** individuals would still be reported as receiving only dose 1 of *Pfizer-BioNTech* vaccine
- **2** individuals who have now received dose 2 of *Pfizer-BioNTech* vaccine would be reported as receiving dose 1 and dose 2

PFIZBION - Pfizer-BioNTech COVID-19 vaccine ▼	
🗑️ 2.1 * Only dose 1 of Pfizer-BioNTech COVID-19 vaccine	18
🗑️ 2.2 * Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine	2

Question #2: Detailed Example

- Week 1: 50 individuals in facility: 10 received 1st vaccine dose; 5 received 2nd vaccine dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50		
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10		
2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	5		

Question #2: Detailed Example (continued)

- Week 1: 50 individuals: 10 received 1st vaccine dose; 5 received 2nd vaccine dose
- Week 2: **5** more individuals received 1st dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10	(10+5) 15	
2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	5	5	

Question #2: Detailed Example - Let's Discuss!

- Week 1: 50 individuals: 10 received 1st vaccine dose; 5 received 2nd vaccine dose
- Week 2: 5 more individuals received 1st dose
- Week 3: **3** more individuals received 1st dose; **10** individuals received 2nd dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	50
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10	15	(15+3-10) 8
2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	5	5	

Question #2: Detailed Example - Let's Discuss! (cont.)

- Week 1: 50 individuals: 10 received 1st vaccine dose; 5 received 2nd vaccine dose
- Week 2: 5 more individuals received 1st dose
- Week 3: **3** more individuals received 1st dose; **10** individuals received 2nd dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	50
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10	15	(15+3-10) 8
2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	5	5	(5+10) 15

Live Demonstration

- Let's look at a live demonstration in the NHSN application

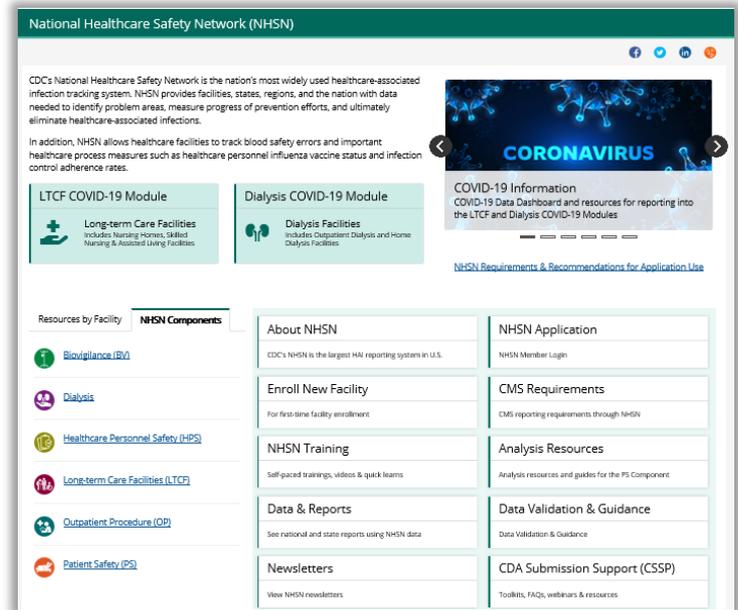
Note: The example facility used in the NHSN application demonstration is a LTCF. COVID-19 vaccination data are entered for healthcare personnel.

However, the same cumulative data reporting should be used when entering COVID-19 vaccination data for LTCF residents, non-LTCF healthcare personnel, and dialysis patients.

Resources

Resource: NHSN Website

- Access training materials:
 - Data collection forms
 - Tables of instructions
 - Training slides
 - Analysis and reporting guides
 - Tracking worksheets



LTCF (HCP and Residents):

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

Non-LTCF (HCP): <https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html>

Dialysis Patients: <https://www.cdc.gov/nhsn/dialysis/pt-covid-vac/index.html>

Reminder: Required Fields

- Required fields for completing weekly cumulative COVID-19 vaccination data are noted by an asterisk(*) and a red box in the NHSN application
 - **These are the only fields that need to be completed to save the record**
- Required fields are explained in detail in the Tables of Instructions:
 - LTCF Residents: <https://www.cdc.gov/nhsn/forms/instr/57.218-toi-508.pdf>
 - LTCF HCP: <https://www.cdc.gov/nhsn/forms/instr/57.219-toi-508.pdf>
 - Non-LTCF HCP: <https://www.cdc.gov/nhsn/forms/instr/57.220-toi-508.pdf>
 - Dialysis Patients: <https://www.cdc.gov/nhsn/forms/instr/57.509-toi-508.pdf>

Questions or Need Help?

E-mail user support at: NHSN@cdc.gov

Subject Line: Please write '*Weekly Cumulative COVID-19 Vaccination*'
for a faster reply

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.