COVID-19 Updates, Definition Changes for Up-to-Date COVID-19 Vaccination Status, and Updates to COVID-19 Surveillance Pathways and COVID-19 Vaccination Modules

Welcome!

Chat with Technical Support if you need assistance

Presented by:
Paula St. Hill, MPH, A-IPC
Infection Prevention Technical Advisor    

July 20, 2023
Paula St. Hill, MPH, A-IPC

INFECTION PREVENTION TECHNICAL ADVISOR

Paula is a doctoral student with a diverse background in public health, infection prevention, epidemiology, and microbiology. She has over 10 years of health care experience and enjoys public health and identifying ways to improve health outcomes, specifically those related to healthcare-associated infections.

Paula enjoys spending time with her friends and family.

Contact: Paula.StHill@allianthealth.org
Donald Chitanda, MPH, CIC

INFECTION PREVENTION TECHNICAL ADVISOR

Donald is a health professional with experience in public health epidemiology and infection prevention. Over the past several years, he worked as an Infection Preventionist at the hospital - and system-level, where he was part of a task force to ensure the safety of caregivers and patients during the ongoing COVID-19 pandemic. In addition, he was a part of and led several projects to reduce hospital-acquired infections utilizing Lean Six Sigma methodologies. He is also trained in ensuring ongoing facility survey readiness for regulatory agencies such as the CMS and The Joint Commission.

Donald enjoys spending time with family and doing outdoor activities.

Contact: Donald.Chitanda@AlliantHealth.org
Erica Umeakunne, MSN, MPH, APRN, CIC

INFECTION PREVENTION SPECIALIST

Erica Umeakunne is an adult-gerontology nurse practitioner and infection preventionist with experience in primary care, critical care, health care administration and public health.

She was previously the interim hospital epidemiology director for a large health care system in Atlanta and a nurse consultant in the Centers for Disease Control and Prevention’s (CDC) Division of Healthcare Quality Promotion. While at the CDC, she was an infection prevention and control (IPC) subject matter expert for domestic and international IPC initiatives and emergency responses, including Ebola outbreaks and the COVID-19 pandemic.

Erica enjoys reading, traveling, family time and outdoor activities.

Contact: Erica.Umeakunne@allianthealth.org
Amy Ward, MS, BSN, RN, CIC, FAPIC

PATIENT SAFETY MANAGER

Amy is a registered nurse with a diverse background in acute care nursing, microbiology, epidemiology and infection control. She is passionate about leading and mentoring new and future Infection preventionists in their career paths and assisting them in reducing healthcare-associated infections across the continuum of care.

Amy enjoys spending time with her family. She loves all the time she can get outdoors camping, bicycling and running.

Contact: Amy.Ward@AlliantHealth.org
Objectives

Agenda:

• COVID-19 updates
• Definition changes for up-to-date COVID-19 vaccination status
• CMS updates
• Updates to COVID-19 Surveillance Pathways and COVID-19 Vaccination Modules
• SAMS and NHSN updates
• Live questions and answers
COVID-19 Updates
COVID-19 Hospital Admission Rates

United States COVID-19 Hospitalizations, Deaths, Emergency Visits, and Test Positivity by Geographic Area

Maps, charts, and data provided by CDC, updates weekly for the previous MMWR week (Sunday-Saturday) on Thursdays (Deaths, Emergency Visits, Test Positivity) and weekly the following Mondays (Hospitalizations) by 8 pm ET.

View Footnotes and Download Data

<table>
<thead>
<tr>
<th>COVID-19 HOSPITAL ADMISSIONS (PAST WEEK)</th>
<th>% CHANGE IN COVID-19 HOSPITAL ADMISSIONS</th>
<th>COVID-19 HOSPITAL ADMISSIONS PER 100,000 (PAST WEEK)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,220</td>
<td>-0.8%</td>
<td>1.87</td>
</tr>
</tbody>
</table>

CDC | Data through: July 1, 2023. Posted: July 10, 2023

COVID-19 Hospital Admission Rates

COVID-19 hospital admissions levels in U.S. by county
Based on new COVID-19 hospital admissions per 100,000 population

<table>
<thead>
<tr>
<th>Total</th>
<th>Percent</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 20.0</td>
<td>4</td>
<td>0.12%</td>
</tr>
<tr>
<td>10.0 - 19.9</td>
<td>6</td>
<td>0.19%</td>
</tr>
<tr>
<td>&lt;10.0</td>
<td>3212</td>
<td>99.69%</td>
</tr>
</tbody>
</table>

Time Period: New COVID-19 hospital admissions per 100,000 population (7-day total) are calculated using data from the MMWR week (Sun-Sat) ending July 1, 2023.

U.S. Reported COVID-19 New Hospital Admissions Rate per 100,000 in the Past Week, by County

COVID-19 Deaths

**United States COVID-19 Hospitalizations, Deaths, Emergency Visits, and Test Positivity by Geographic Area**

Maps, charts, and data provided by CDC, updates weekly for the previous MMWR week (Sunday-Saturday) on Thursdays (Deaths, Emergency Visits, Test Positivity) and weekly the following Mondays (Hospitalizations) by 8 pm ET. View Footnotes and Download Data

<table>
<thead>
<tr>
<th>% COVID-19 DEATHS IN PAST WEEK</th>
<th>% CHANGE FROM PRIOR WEEK</th>
<th>ABSOLUTE CHANGE FROM PRIOR WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1%</td>
<td>-9.1%</td>
<td>-0.1%</td>
</tr>
</tbody>
</table>

CDC | Data through: July 1, 2023. Posted: July 10, 2023

https://covid.cdc.gov/covid-data-tracker/#vaccinations-nursing-homes
COVID-19 Vaccines (Adults 65+)

Percent of Adults 65 Years and Older Who Are Up to Date with COVID-19 Vaccines
Administrations through June 30, 2023

https://covid.cdc.gov/covid-data-tracker/#vaccination-states-jurisdictions
## COVID-19 Vaccines (Adults 65+)

### Vaccinated People

<table>
<thead>
<tr>
<th>Vaccinated People</th>
<th>Count</th>
<th>Percent of US Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>270,227,181</td>
<td>81.4%</td>
</tr>
<tr>
<td>Population ≥ 5 Years of Age</td>
<td>268,021,871</td>
<td>85.8%</td>
</tr>
<tr>
<td>Population ≥ 12 Years of Age</td>
<td>256,511,884</td>
<td>90.5%</td>
</tr>
<tr>
<td>Population ≥ 18 Years of Age</td>
<td>238,239,640</td>
<td>92.3%</td>
</tr>
<tr>
<td>Population ≥ 65 Years of Age</td>
<td>58,758,542</td>
<td>95.0%</td>
</tr>
</tbody>
</table>

### People Who Completed a Primary Series

<table>
<thead>
<tr>
<th>People Who Completed a Primary Series</th>
<th>Count</th>
<th>Percent of US Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>230,637,348</td>
<td>69.5%</td>
</tr>
<tr>
<td>Population ≥ 5 Years of Age</td>
<td>229,426,936</td>
<td>73.5%</td>
</tr>
<tr>
<td>Population ≥ 12 Years of Age</td>
<td>219,966,681</td>
<td>77.6%</td>
</tr>
<tr>
<td>Population ≥ 18 Years of Age</td>
<td>204,327,579</td>
<td>79.1%</td>
</tr>
<tr>
<td>Population ≥ 65 Years of Age</td>
<td>51,708,613</td>
<td>94.4%</td>
</tr>
</tbody>
</table>

### People with an Updated (Bivalent) Booster Dose

<table>
<thead>
<tr>
<th>People with an Updated (Bivalent) Booster Dose</th>
<th>Count</th>
<th>Percent of US Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>56,478,510</td>
<td>17.0%</td>
</tr>
<tr>
<td>Population ≥ 5 Years of Age</td>
<td>56,352,709</td>
<td>18.0%</td>
</tr>
<tr>
<td>Population ≥ 12 Years of Age</td>
<td>54,974,636</td>
<td>19.4%</td>
</tr>
<tr>
<td>Population ≥ 18 Years of Age</td>
<td>52,996,306</td>
<td>20.5%</td>
</tr>
<tr>
<td>Population ≥ 65 Years of Age</td>
<td>23,699,191</td>
<td>43.3%</td>
</tr>
</tbody>
</table>

Definition Changes for Up-to-Date COVID-19 Vaccination Status
Definition for Up-to-Date COVID-19 Vaccination Status

Beginning on June 26, 2023 (Q3 2023), residents and health care personnel are considered up to date with their COVID-19 vaccinations if they have received an updated (bivalent) vaccine(s).

An individual is considered up to date once they received one updated bivalent Pfizer-BioNTech or bivalent Moderna COVID-19 vaccine. This up-to-date definition is the same for all individuals, regardless of age and immunocompromised status.
Up-to-Date vs. Completed Series (As of Q3- June 26, 2023)

**Up-to-Date:** Individual received one *updated* bivalent Pfizer-BioNTech or bivalent Moderna COVID-19 vaccine.

**Completed Series:** Individual received a two-dose series of a monovalent COVID-19 vaccine OR a single dose of Janssen OR a single dose of a bivalent vaccine.

CMS Updates Related to COVID-19
Staff Vaccination Mandate

• In November 2021, CMS implemented an interim final rule requiring staff, including volunteers, in most Medicare- and Medicaid-certified settings to complete the primary series of COVID-19 vaccination or be granted an approved exemption in order to work in or provide services on behalf of the certified setting.

• The final rule **withdraws** the regulatory provisions set forth on November 5, 2021, in the Omnibus COVID-19 Health Care Staff Vaccination.

CMS Reporting Requirements for LTCFs

- Facilities can contact CMS with questions about reporting requirements and quality reporting:
  - Long-term care facilities weekly reporting requirement questions: DNH_TriageTeam@cms.hhs.gov
  - Skilled nursing facilities quality reporting program questions: SNFQualityQuestions@cms.hhs.gov

Updates to COVID-19 Surveillance Pathways and COVID-19 Vaccination Modules
Form Changes Implementation

NHSN form changes and simplification will be implemented in Quarter 3, June 26, 2023.

https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696
COVID-19 Surveillance pathways versus COVID-19 Vaccination Modules

Screenshots from 6/7/23 NHSN training event
<table>
<thead>
<tr>
<th>COVID-19 Surveillance Pathways</th>
<th>COVID-19 Vaccination Module</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reporting requirements</strong></td>
<td><strong>Reporting requirements</strong></td>
</tr>
<tr>
<td>CMS certified facilities are required to report at least once every reporting week</td>
<td>Weekly reporting requirement for LTC residents and staff</td>
</tr>
<tr>
<td>Requirement to go through December 2024</td>
<td>• Report at least once every reporting week</td>
</tr>
<tr>
<td></td>
<td>• Requirement to go through December 2024</td>
</tr>
<tr>
<td></td>
<td><strong>Quarterly Reporting Requirement for Staff</strong></td>
</tr>
<tr>
<td></td>
<td>• Report vaccination data 1 week/month for staff</td>
</tr>
<tr>
<td></td>
<td>• After the weekly requirement expires in Dec. 2024, continue to report 1 week/month for staff</td>
</tr>
<tr>
<td></td>
<td>• Use the “COVID-19 Vaccination-HCP” tab in order to report these data</td>
</tr>
</tbody>
</table>

**Additional COVID-19 Vaccination Reporting Resources:**
- Operational Guidance for Reporting COVID-19 Vaccination Data
- FAQs on Reporting COVID-19 Vaccination Data
Modifications to the COVID-19 Module Surveillance Pathways

- Resident Impact and Facility Capacity
  - Newly Positive Tests
  - Vaccination status
  - Deaths
  - Testing Availability
  - Influenza
  - Supplies/PPE Shortages

- Staff and Personnel Impact
  - Newly Positive Tests
  - COVID-19 Deaths
  - Influenza
  - Staffing Shortages

- Therapeutics
  - Residents treated
  - In-house Stock
  - Stock Stored Outside the LTCF

Adding
- Hospitalizations

*Not Up to Date: Auto-populated field included in the RIFC pathway

Removing Pathway

Screenshots from 6/7/23 NHSN training event
COVID-19 Pathway Data Reporting: RIFC

[Image of the COVID-19 Pathway Data Reporting: RIFC form]

If the count is zero, a "0" must entered as the response. A blank response is equivalent to missing data. NON-count questions should be answered one calendar day during the reporting week.

**Facility Capacity**

ALL BEDS

*CURRENT CENSUS:* Total number of beds that are occupied on the reporting calendar day

**Resident Impact for COVID-19 (SARS-CoV-2)**

*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 data were collected for NHSSN reporting.

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

**Up to Date Vaccination Status**

*Up to Date:* Include residents with a newly positive SARS-CoV-2 viral test result who are up to date with COVID-19 vaccines 14 days or more before the specimen collection date.

Note: Please review the current NHSSN surveillance definition of up to date.

*Not Up to Date:* Based on the counts entered for POSITIVE TESTS and UP TO DATE, the count for residents who are NOT considered up to date based on the NHSSN Surveillance definition has been calculated here.

This count is not editable, to edit please update the count(s) entered for UP TO DATE and/or POSITIVE TESTS.

**Hospitalizations**

This is not a subset of the "Positive Tests" count reported above. Include only the number of new hospitalizations with a positive COVID-19 test since the most recent data were reported to NHSSN.

[Links to relevant CDC resources]
“Vaccination status” of residents newly positive for SARS-CoV-2 through viral testing methods is reported in the Resident Impact and Facility Capacity Pathway.

- NOT to be confused with the weekly COVID-19 vaccination summary data used to report cumulative vaccination coverage for residents who have received COVID-19 vaccination at the facility or elsewhere.

- For information regarding Weekly COVID-19 Vaccination Data Reporting, visit https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html

Screenshots from 6/7/23 NHSN training event

RIFC Pathway Vaccination Status

14-day window for determining vaccination status

- For residents with a newly positive SARS-CoV-2 viral test result, a COVID-19 vaccine dose received inside the 14-day window (specifically, received 13 days or less before the specimen collection date), is **not counted when reporting vaccination status**.

**Example:** Mr. Andrews received the primary COVID-19 vaccine series in 2021 and received 2 additional monovalent booster doses since then. He also received the Bivalent dose **12 days ago**. Mr. Andrews also tested positive for COVID-19 this week, however since he did not receive the Bivalent dose 14 days or more prior to testing positive, he will not be included in the **Up to Date count**.

Screenshots from 6/7/23 NHSN training event

Vaccination Status: 14 Day Window

Day 1 to Day 14

Day of vaccination

Specimen Collection of positive COVID-19 test: this vaccination is **NOT** counted

Specimen Collection of positive COVID-19 test: this vaccination **IS** counted

Screenshots from 6/7/23 NHSN training event
Reporting Vaccination Status Example:

4 residents in DHQP nursing home tested positive since the last date data were reported to NHSN:

- Two residents received a monovalent booster dose 6 months after they received the primary series. They also received the **Bivalent dose 2 days ago**.

- One resident received a monovalent booster dose 12 months after they received the primary series of COVID-19 Vaccine. Then received the **Bivalent dose 2 months ago**.

- One resident received a second monovalent booster dose 8 months after they received the primary series of COVID-19 Vaccine. They have not received any other COVID-19 vaccines since this time (they have NOT received the Bivalent dose).
Up to Date Vaccination Status Example

How will DHQP record these data in the RIFC pathway?

Positive Tests: 4
Up to Date: 1
Not Up to Date: 3

— NOTE: This variable is auto-populated by the system

*NHSN Surveillance Definition Guidance Document

Screenshots from 6/7/23 NHSN training event

Up-to-Date with COVID-19 Vaccines Decision Tree for Long-Term Care RIFC Pathway

COVID-19 Vaccination Modules: Key Terms

Appendix 1b: Decision Tree: Up to Date with COVID-19 Vaccines during the surveillance period June 26, 2023 – September 24, 2023 for the Long-Term Care RIFC Pathway

Long-Term Care Facilities can use the following decision tree to help determine up to date vaccination status for the RIFC Pathway. Please note this refers to reporting data through the NHSN COVID-19 RIFC Pathway for the reporting period of Quarter 3, 2023 (representing data for June 26, 2023 – September 24, 2023).

Has the resident received an updated (bivalent) vaccine?

- YES
  - Did the resident receive the updated (bivalent) vaccine 14 days or more before the positive COVID-19 test?
    - YES: Up to date
    - NO: Not up to date

- NO: Not up to date
  - This count is auto-populated by the system, not editable by user

UpTo Date Guidance Quarter 2 of 2023 mockup_508
(cdc.gov)
COVID-19 Pathway Data Reporting: RIFC

Hospitalizations
This is not a subset of the “Positive Tests” count reported above. Include only the number of new hospitalizations with a positive COVID-19 test since the most recent date data were reported to NHSN.

*Hospitalizations with a positive COVID-19 Test: Number of residents who have been hospitalized with a positive COVID-19 test.

Note: Only include residents who have been hospitalized during this reporting period and had a positive COVID-19 test in the 10 days prior to the hospitalization, date of specimen collection is calendar day 1.

**Hospitalizations with a positive COVID-19 Test and Up to Date: Based on the number reported for "Hospitalizations with a positive COVID-19 Test" indicate the number of residents who were hospitalized with positive COVID-19 test and also up to date with COVID-19 vaccinations at the time of the positive COVID-19 test.

Deaths

*TOTAL DEATHS: Number of residents who have died for any reason in the facility or another location.

Include only the number of new deaths since the most recent date data were collected for NHSN reporting.

**COVID-19 DEATHS: Based on the number reported for Total Deaths, indicate the number of residents who died from COVID-19 or related complications, either in the facility or another location.

RIFC Pathway Newly Added Data Element: Hospitalizations

- **Hospitalizations with a positive COVID-19 Test:** Number of residents who have been hospitalized with a positive COVID-19 test.

  Note: Only include residents who have been hospitalized during this reporting period and had a positive COVID-19 test in the 10 days prior to the hospitalization, date of specimen collection is calendar day 1.

- **Hospitalizations with a positive COVID-19 Test and Up to Date:** Based on the number reported above for “Hospitalizations with a positive COVID-19 Test”, indicate the number of residents who were hospitalized with a positive COVID-19 test and also up to date with COVID-19 vaccinations at the time of the positive COVID-19 test.
RIFC Pathway Newly Added Data Element: Hospitalizations

Hospitalizations with a positive COVID-19 Test:

- Number of residents who have been hospitalized (for any reason) and also had a positive COVID-19 test.
- Only include residents who have been hospitalized during this reporting period and had a positive COVID-19 test in the 10 days prior to the hospitalization, date of specimen collection is calendar day 1.

How to calculate:

- How many residents have been hospitalized since the last date data were reported to NHSN?
  - Of those residents how many had a positive COVID-19 test within the past 10 days?
Hospitalizations with a positive COVID-19 Test Decision Tree

Has the Resident been admitted to the hospital since the last date data were reported to NHSN?

- **YES**
  - Did the resident have a positive COVID-19 test 10 days or less prior to the hospitalization?
    - **YES**
      - Include in Hospitalizations with a positive COVID-19 Test count
    - **NO**
      - DO NOT Include in Hospitalizations with a positive COVID-19 Test

- **NO**
RIFC Pathway Newly Added Data Element: Hospitalizations

- Hospitalizations with a positive COVID-19 Test and Up to Date
  - Based on the number reported for “Hospitalizations with a positive COVID-19 Test”, indicate the number of residents who were hospitalized with a positive COVID-19 test and also up to date with COVID-19 vaccinations at the time of the positive COVID-19 test.

How to calculate:

- How many residents have been included in the Hospitalizations with a positive COVID-19 Test count?
  - Of those included in the Hospitalizations with a positive COVID-19 Test count how many are up to date per the NHSN Surveillance Definition?
    - Of those who are up to date, how many received the vaccine 14 days or more before the newly positive COVID-19 test?
Hospitalizations with a positive COVID-19 Test and Up to Date Decision Tree

Was the resident included in the Hospitalizations with a positive COVID-19 Test count?

YES

Is the resident considered up to date per the NHSN Surveillance definition?

YES

Did the resident receive the COVID-19 dose qualifying them as up to date (per the NHSN Surveillance definition) 14 days or more before the positive COVID-19 test?

YES

Include in Hospitalizations with a positive COVID-19 Test and Up to Date count

NO

DO NOT Include in Hospitalizations with a positive COVID-19 Test and Up to Date count

NO

NO

Screenshots from 6/7/23 NHSN training event
UpTo Date Guidance Quarter 2 of 2023 mockup_508 (cdc.gov)
Hospitalizations Example 1:

- Mr. Smith is an 89-year-old resident who tested positive for COVID-19 five days ago and since then has been progressively experiencing more severe symptoms. Today, he has been experiencing shortness of breath and was transferred to the ER for further evaluation. After spending several hours in the ER, Mr. Smith was admitted to the Med Surg floor and stayed in the hospital for 3 days before returning to the facility.
- Mr. Smith received the Bivalent COVID-19 Vaccine last year.

Should Mr. Smith be included in the Hospitalizations count?

Hospitalizations Example 1 Answer Continued:

How to calculate Hospitalizations with a positive COVID-19 Test and Up to Date:

- How many residents have been included in the Hospitalizations with a positive COVID-19 Test count?
  - 1, Mr. Smith
    - Of those included in the Hospitalizations with a positive COVID-19 Test count, how many are up to date per the NHSN Surveillance Definition?
      - 1, Mr. Smith. He received the Bivalent Booster last year which qualifies him as up to date per the NHSN Surveillance definition.
    - Of those who are up to date, how many received the vaccine 14 days or more before the newly positive COVID-19 test?
      - 1, Mr. Smith. Since he received the Bivalent dose a year ago this would be 14 days or more prior to the newly positive COVID-19 test.
Staff and Personnel Impact Pathway

- The *Positive Test* count will be the **ONLY** reporting variable in this pathway
COVID-19 Pathway Data Reporting: Staff and Personnel Impact

Counts should be reported on the correct calendar day and include only new counts for the calendar day (specifically, since counts were last collected). If the count is zero, a "0" must be entered as the response. A blank response is equivalent to missing data. NON-count questions should be answered one calendar day during the reporting week.

**Staff and Personnel Impact**

* POSITIVE TESTS: Enter the number of staff and facility personnel 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: Exclude staff and facility personnel who have a positive SARS-CoV-2 antigen test, but a negative SARS-CoV-2 NAAT (PCR).

Include only staff and facility personnel newly positive since the most recent date data were collected for NHSN reporting.
COVID-19 Vaccination Module Changes
# Changes to Weekly COVID-19 Vaccination: Resident Form

<table>
<thead>
<tr>
<th>Question</th>
<th>LTCF Resident Form</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Question 1:</strong> Number of residents staying in this facility for at least 1 day during the week of data collection</td>
<td>No change</td>
</tr>
<tr>
<td><strong>Question 2.1:</strong> Only 1 dose of a two-dose primary COVID-19 vaccine series</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 2.2:</strong> Any completed primary COVID-19 vaccine series</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 3.1:</strong> Medical contraindication to COVID-19 vaccine</td>
<td>No change (new variable/definition)</td>
</tr>
<tr>
<td><strong>Question 3.2:</strong> Offered but declined COVID-19 vaccine</td>
<td>No change (new variable/definition)</td>
</tr>
<tr>
<td><strong>Question 3.3:</strong> Unknown COVID-19 vaccination status</td>
<td>No change (new variable/definition)</td>
</tr>
<tr>
<td><strong>Question 4 Cumulative</strong> 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</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 4.1</strong> *Cumulative number of residents in Question #4 who have received only one booster dose of COVID-19 vaccine since August 2021</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 4.2</strong> 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</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 5:</strong> Individuals in question #2 who are up to date with COVID-19 vaccines</td>
<td>Move &amp; Revise (Will be # Q2)</td>
</tr>
</tbody>
</table>

[https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696)
Current Weekly COVID-19 Vaccination: Resident Form

Removing (X)
- Primary vaccine series and booster dose questions on questions 2 and 4

Keeping (√)
- Question 1
- Question 3 – 3.3 (modified definition)
- Question 5 (moving to question 2)

https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696
**Weekly COVID-19 Vaccination: Revised Resident Form**

New Version: After removing Primary Series, and Boosters

1. *Number of residents staying in this facility for at least 1 day during the week of data collection*

2. *Cumulative number of residents in Question #1 who are up to date with COVID-19 vaccines.*

   Please review the current definition of up to date: Key Terms and Up to Date Vaccination

3. *Cumulative number of residents in Question #1 with other conditions:
   3.1. *Medical contraindication to COVID-19 vaccine*
   3.2. *Offered but declined COVID-19 vaccine*
   3.3. *Unknown/other COVID-19 vaccination status*
Weekly COVID-19 Vaccination: Revised Resident Form Example
## Changes to Weekly COVID-19 Vaccination: HCP Form

<table>
<thead>
<tr>
<th>Question</th>
<th>HCP Form</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Question 1:</strong> Individuals eligible to work at the facility</td>
<td>No change</td>
</tr>
<tr>
<td><strong>Question 2.1:</strong> Only 1 dose of a two-dose primary COVID-19 vaccine series 2.2</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 2.2:</strong> Any completed primary COVID-19 vaccine series</td>
<td>No change</td>
</tr>
<tr>
<td><strong>Question 3.1:</strong> Medical contraindication to COVID-19 vaccine</td>
<td>No change</td>
</tr>
<tr>
<td><strong>Question 3.2:</strong> Offered but declined COVID-19 vaccine</td>
<td>No change</td>
</tr>
<tr>
<td><strong>Question 3.3:</strong> Unknown COVID-19 vaccination status</td>
<td>No change</td>
</tr>
<tr>
<td><strong>Question 4:</strong> Individuals with a complete primary series vaccine who have received any booster(s) or additional dose(s) of COVID-19 vaccine since August 2021</td>
<td>Remove</td>
</tr>
<tr>
<td><strong>Question 5:</strong> Individuals in question #2 who are up to date with COVID-19 vaccines</td>
<td>No change</td>
</tr>
</tbody>
</table>

[https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696)
Current Weekly COVID-19 Vaccination: HCP Form

**Removing**
- Questions 2.1, 2.2 and 5

**Moving**
- Up to date from question 5 to question 4

**Keeping**
- Questions 1, 2, and 3 - 3.3

---

<table>
<thead>
<tr>
<th>Primary Vaccine Series</th>
<th>Up to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection</td>
<td>Question 5 asks about individuals who are up to date. Please review the current definition of up to date: <a href="https://www.cdc.gov/nhsn/pdfs/hcps/covidvax/UpToDateGuidance-May2022-598.pdf">https://www.cdc.gov/nhsn/pdfs/hcps/covidvax/UpToDateGuidance-May2022-598.pdf</a></td>
</tr>
<tr>
<td>2.1 Cumulative number of HCP in Question #1 who have received primary series COVID-19 vaccine(s) at this facility elsewhere since December 2020</td>
<td></td>
</tr>
<tr>
<td>2.2 *Any completed Primary COVID-19 vaccine series</td>
<td></td>
</tr>
<tr>
<td>3.1 Medical contraindication to COVID-19 vaccine</td>
<td></td>
</tr>
<tr>
<td>3.2. Offered but declined COVID-19 vaccine</td>
<td></td>
</tr>
<tr>
<td>3.3. Unknown COVID-19 vaccination status</td>
<td></td>
</tr>
</tbody>
</table>

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[https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696)
**Weekly COVID-19 Vaccination: Revised HCP Form**

**New Version:** Including up-to-date changes and reduction of questions

---

**Cumulative Vaccination Coverage**

<table>
<thead>
<tr>
<th>Healthcare Personnel (HCP) Categories</th>
<th>All HCP</th>
<th>Employee HCP</th>
<th>Non-Employee HCP</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Core HCP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All HCP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Employees (staff on facility payroll)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Licensed independent practitioners: Physicians, advanced practice nurses, &amp; physician assistants</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Adult students/trains &amp; volunteers</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Other contract Personnel</em></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. *Cumulative number of HCP in Question #1 who have received complete primary series COVID-19 vaccine(s) at this facility or elsewhere since December 2020

3. Cumulative number of HCP in Question #1 with other conditions:
   3.1 *Medical contraindication to COVID-19 vaccine
   3.2 *Offered but declined COVID-19 vaccine
   3.3 *Unknown COVID-19 vaccination status

4. *Cumulative number of HCP in question #1 who are up to date with COVID-19 vaccines.
   Please review the current definition of up to date; Key: TCRs and Up to Date Vaccination

---

[https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696](https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html#anchor_21696)
Weekly COVID-19 Vaccination: Revised HCP Form Example

**Cumulative Vaccination Coverage**

Note: Facilities submit Weekly COVID-19 Vaccination Cumulative Summary data by completing the questions on this form. As of March 28th, 2022 facilities also have the option to use the Person-Level COVID-19 Vaccination Form and select the "view reporting summary and submit" to submit these data. Using the person-level forms is recommended to ensure that individuals who are up to date with COVID-19 vaccination are categorized appropriately according to their vaccination dates.

<table>
<thead>
<tr>
<th>Healthcare Personnel (HCP) Categories</th>
<th>Employee HCP</th>
<th>Non-Employee HCP</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Core HCP*</td>
<td>All HCPb</td>
<td>Licensed independent practitioners: Physicians, advanced practice nurses, &amp; physician assistantsd</td>
</tr>
<tr>
<td>Adult students/trainees &amp; volunteers*</td>
<td>Other Contract Personnelf</td>
<td></td>
</tr>
</tbody>
</table>

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

   - All Core HCP:
   - All HCPb:
   - Employees (staff on facility payroll):
   - Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants:
   - Adult students/trainees & volunteers:
   - Other Contract Personnel:

2. Cumulative number of HCP in Question #1 who have received complete primary series COVID-19 vaccine(s) at this facility or elsewhere since December 2020

   - All Core HCP:
   - All HCPb:
   - Employees (staff on facility payroll):
   - Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants:
   - Adult students/trainees & volunteers:
   - Other Contract Personnel:

3. Cumulative number of HCP in Question #1 with other conditions:

   - Medical contraindication to COVID-19 vaccine
   - Offered but declined COVID-19 vaccine
   - Unknown/Other COVID-19 vaccination status

   Please review the current definition of up to date: Key Terms and Up to Date Vaccination.

4. Cumulative number of HCP in question #1 who are up to date with COVID-19 vaccines

   - All Core HCP:
   - All HCPb:
   - Employees (staff on facility payroll):
   - Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants:
   - Adult students/trainees & volunteers:
   - Other Contract Personnel:
Appendix 1a: Decision Tree: Up to Date with COVID-19 Vaccines during the surveillance period of June 26, 2023 – September 24, 2023 for the COVID-19 Vaccination Modules

Facilities can use the following decision tree to help determine up to date vaccination status for the NHSN COVID-19 Vaccination Modules during the reporting period of Quarter 3, 2023 (representing vaccination data for June 26, 2023 – September 24, 2023).

Have they received an updated (bivalent) vaccine?

Yes

Up To Date

No

Not Up To Date
Let's Try a Few Examples!

Tommy Pickles is a nursing home resident who completed his primary COVID-19 vaccine series in January 2021, an original monovalent booster in October 2021, and an updated (bivalent) dose on December 25, 2022.

Is he considered up-to-date with COVID-19 vaccines for **Quarter 3, 2023**?
Answer

Yes. Tommy is considered up to date for weeks during Quarter 3, 2023, since he received an updated (bivalent) vaccine.

Where to document?

Question 2. *Cumulative number of residents in Question #1 who are up to date with COVID-19 vaccines.*
Example #2

Suzy Sheep is a nursing home resident who completed her primary vaccine series in March 2021 and received an original (monovalent) booster dose in October 2021 but declined to receive an updated (bivalent) dose.

Is she considered up-to-date with COVID-19 vaccines for **Quarter 3, 2023**?
Answer

No. Suzy is not considered up to date with COVID-19 vaccines for weeks during Quarter 3, 2023 since she did not receive the most recent recommended updated bivalent dose.

Where to document?

3.2. *Offered but declined COVID-19 vaccine
Example #3

Rebecca Rabbit, a health care worker, did not complete her primary vaccine series but chose to receive an updated (bivalent) dose in June 2023.

Is she considered up-to-date with COVID-19 vaccines for **Quarter 3, 2023**?
Answer

Yes. She is considered up to date with COVID-19 vaccines for weeks during Quarter 3, 2023, since she has received the most recent recommended updated bivalent dose.

Where to document?

2.*Cumulative number of HCP in Question #1 who have received complete primary series COVID-19 vaccine(s) at this facility or elsewhere since December 2020

4.*Cumulative number of HCP in question #1 who are up to date with COVID-19 vaccines.
Example #4

Danny Dog, a health care worker, received partial primary series (a single dose of original monovalent Pfizer) in June 2021 and is planning on receiving an updated (bivalent) dose.

Is he considered up-to-date with COVID-19 vaccines for **Quarter 3, 2023**?
Answer

No. Danny is not considered up to date with COVID-19 vaccines **for weeks during Quarter 3 of 2023** since he did not receive the most recent recommended updated bivalent dose.

Where to document?

3.3 *Unknown/Other COVID-19 vaccination status
- Reminder: partial primary series (formerly question #2.2) was removed from the HCP form
Alliant Health and NHSN Updates
This email is intended for Facility and Group users of the Long-term Care Facility Component of NHSN.

Dear NHSN Facilities,

As of July 11, 2023, CDC has resolved the issue described in an e-mail blast sent to users on June 30, 2023. An application issue in NHSN prevented modifying and saving resident and healthcare personnel COVID-19 vaccination data for question #2.

Users can now modify question #2 and save their data.

As a reminder, users can always upload a .CSV file if they would like to enter and/or modify data.

We apologize for the inconvenience. If you have any other questions, please send an e-mail to: NHSN@cdc.gov and include “Weekly COVID-19 Vaccination Data – LTCFs” in the subject line.

Sincerely,

NHSN Vaccination Team
LTC facilities are now able to access their data quality reports on the NHSN Home Page. Under “Action Items”, users should see a “View My COVID-19 Vaccination Summary DQ” with the date the data are valid from. Please click this button to view the data quality report.
After viewing the pdf, a facility will be able to download or print their data quality report.
COVID-19 Vaccination Summary DQ Report

- All future data quality reports will be stored in the location. To navigate between multiple data quality reports, please click the drop-down menu after “Reporting Name” to toggle between different reports.

- Please review the reports added to your facility’s alerts screen for the months of January – March 2023 and reach out to NHSN@CDC.GOV with the subject line “Data Quality Report: NHSN Weekly COVID-19 Vaccination Module Data - January through March 2023” if you have any questions.
QA Alerts

Data Quality Alerts: Weekly COVID-19 Vaccination Modules

July 2021

Purpose
The NHSN application was updated on July 8, 2021 to create new data quality alerts for the Weekly COVID-19 Vaccination Modules within the long-term care (LTC), Dialysis, and Healthcare Personnel Safety (HPS) Components. These data quality alerts generate within the application for Weekly COVID-19 Vaccination Modules data for residents in LTC facilities, healthcare personnel (HCP) in LTC facilities, HCP in non-LTC facilities (e.g., hospitals), and patients in outpatient dialysis facilities.

NHSN regularly reviews data reported through the Weekly COVID-19 Vaccination Modules to understand trends and to identify potential reporting errors. Data that were potentially entered in error are flagged by the NHSN application and an alert is automatically displayed on the application landing page. Alerts for the Weekly COVID-19 Vaccination Modules are generated when vaccination rates for a reporting week are less than or equal to 10 percent. This guide provides instructions to help users locate data alerts and correct or confirm flagged data.

Brief Description
When a Vaccination Coverage Rate Alert is selected, a “Manage Alerts” page shall be displayed.

1. The week start date and week end date columns provide information on the reporting week that received the data flag.
2. The vaccination form type provides information on which module is producing the report.

Correcting Data that are Flagged for Potential Errors:

If you have questions regarding this guidance or are still unable to clear your alerts, please contact the NHSN Helpdesk: nhsn@cdc.gov
QA Alerts

- NHSN is aware of an issue with another alert you may see on the Alerts screen related to COVID-19 vaccination. The QA alert is generating incorrectly for some facilities saying that they have reported a primary vaccination rate of less than 10%. Please disregard these QA alerts, as the alerts are not impacting a facility’s ability to enter, update, save, or analyze data. Additionally, please do not edit Weekly COVID-19 vaccination Module data from within the QA alerts screen.
# NHSN Help Desk

## Resolution Timeframes

<table>
<thead>
<tr>
<th>Help Requests</th>
<th>Resolution Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requests received 15 days prior to a Centers for Medicare and Medicaid Services (CMS) reporting deadline</td>
<td>Requests directly related to CMS reporting and requiring subject matter expert involvement will be resolved within 7 business days.</td>
</tr>
<tr>
<td>Requests requiring Subject Matter Expertise (SME) received from 5 to 15 business days prior to a CMS reporting deadline</td>
<td>Requests directly related to CMS reporting and requiring subject matter expert involvement will be resolved within 5 business days.</td>
</tr>
<tr>
<td>Requests requiring SME received 4 business days or less, before a CMS reporting deadline</td>
<td>Every effort will be made to resolve each request before the deadline.</td>
</tr>
<tr>
<td>Requests requiring SME, not related to CMS reporting deadline</td>
<td>Within 7 business days.</td>
</tr>
<tr>
<td>No Subject Matter Expertise response required</td>
<td>Within 2-5 business days.</td>
</tr>
</tbody>
</table>

*Subject Matter Expertise is required for questions regarding data analysis or surveillance protocol interpretations.*

[https://www.cdc.gov/nhsn/about-nhsn/helpdesk.html](https://www.cdc.gov/nhsn/about-nhsn/helpdesk.html)
NHSN SAMS Access Issues

For SAMS Partner Portal questions, please contact the SAMS Help Desk at samshelp@cdc.gov or call 1-877-681-2901.

NHSN questions may be directed to NHSN@cdc.gov.
Alliant Health Solutions Updated Website!
Explore trending topics

- ESRD 14
- Virtual Education Events
- BOOST
- ESRD 8
- Shop Talks
- HQIC
- Decrease Opioid Misuse
- NCRN
- Infection Control
- Nursing Homes
- GDPH
- Immunizations

Order My Medication Bag to Prevent Adverse Drug Events
Shop Talks & Quickinars

A shop talk is a webinar hosted by Alliant to share information and resources.

Updates and support for surveillance, tracking and infection prevention in nursing homes using National Healthcare Safety Network (NHNSN). This WebEx is focused on submitting COVID-19 data but may include other components such as C. Diff, UTIs and hand hygiene.

Click here to access the Shop Talk Shorts FAQs and video playlist.

Click here to access the NHSN Weekly COVID-19 Vaccine Summary – Do Not Report Zeros resource.
Shop Talk and Shop Talk Shorts YouTube Channel

https://www.youtube.com/playlist?list=PLXWmxni-xNHspWHhllrqcLGlzXZPjIF
Questions?
Thank You for Your Time!

Contact the Patient Safety Team

patientsafety@alliantHealth.org

Amy Ward, MS, BSN, RN, CIC
Patient Safety Manager
Amy.Ward@AlliantHealth.org

Donald Chitanda, MPH, CIC
Technical Advisor, Infection Prevention
Donald.Chitanda@AlliantHealth.org

Erica Umeakunne, MSN, MPH, APRN, CIC
Infection Prevention Specialist
Erica.Umeakunne@AlliantHealth.org

Paula St. Hill, MPH, A-IPC
Technical Advisor, Infection Prevention
Paula.Sthill@allianthealth.org
Mark Your Calendar!

Shop Talk
3rd Thursdays at 2 p.m. ET

Registration Link

Visit our website for more info:
https://quality.allianthealth.org/topic/shop-talks/
## Nursing Home and Partnership for Community Health: CMS 12th SOW GOALS

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Opioid Utilization and Misuse** | Promote opioid best practices  
Reduce opioid adverse drug events in all settings |