

Data Quality Alerts: Weekly COVID-19 Vaccination Modules

July 2021

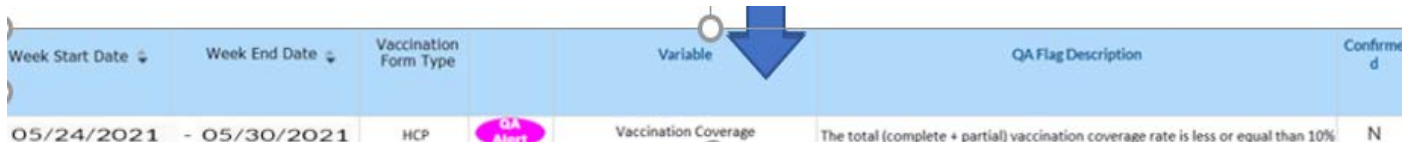
Purpose

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.

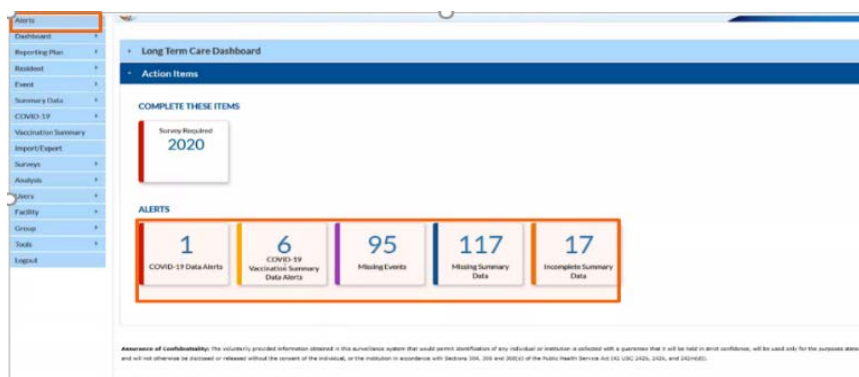


Week Start Date	Week End Date	Vaccination Form Type	Variable	QA Flag Description	Confirmed
05/24/2021	05/30/2021	HCP	Vaccination Coverage	The total (complete + partial) vaccination coverage rate is less or equal than 10%	N

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:

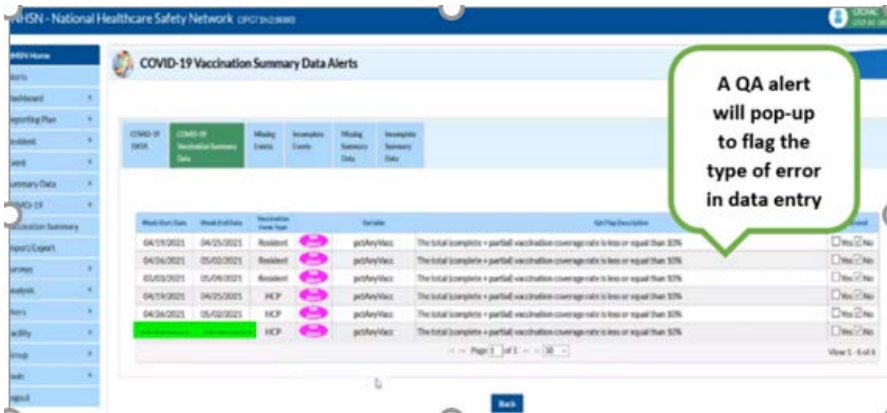
1. Once you log into NHSN, the alerts page will appear with the number of COVID-19 vaccination data alerts. Click on the box. Otherwise, the alerts page can be accessed by clicking on “Alerts” on the left-hand navigation bar.



The NHSN homepage now includes a user data quality alert for weekly COVID-19 vaccination data. It is called the ‘COVID-10 Vaccination Summary Data Alerts’ and is found under the Alerts tab on the landing page, as displayed in this figure.



Centers for Disease Control and Prevention
National Center for Emerging and Zoonotic Infectious Diseases



2. Select the 'COVID-19 Vaccination Summary Data Alerts' to open the alerts page, which shows the collection dates where data are flagged.

3. Click on the row for the alert you would like to open.

Date Created: 06/28/2021 3:53PM
 Facility ID: 14025
 Week of Data Collection: 05/24/2021 - 05/30/2021
 Vaccination type: COVID19
 Date Last Modified: 06/28/2021 4:07PM
 Facility CCN #: IU1000000

Cumulative Vaccination Coverage

1. Number of residents staying in this facility for at least 1 day during the week of data collection: 307

2. Cumulative number of residents in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020: [input field]

2.1 Only dose 1 of Pfizer-BioNTech COVID-19 vaccine: 1

2.2 Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine: 1

2.3 Only dose 1 of Moderna COVID-19 vaccine: 2

2.4 Dose 1 and dose 2 of Moderna COVID-19 vaccine: 2

2.5 Dose of Janssen COVID-19 vaccine: 1

2.99 Complete COVID-19 vaccination series: unspecified manufacturer
 Any completed COVID-19 vaccine series: 5

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

3.1 Medical contraindication or exclusions to COVID-19 vaccine: 0

3.2 Offered but declined COVID-19 vaccine: 1

3.3 Unknown COVID-19 vaccination status: [input field]

Buttons: Manage Alert(s), Save, Cancel

When the user clicks to QA Alert button, the form will be displayed.

QA Alert icon will appear next to questions #1, #2 and #3.1 on the data collection forms.

4. Select the alert to open the form for the reporting week with the potential error.

Week Start Date	Week End Date	Vaccination Form Type	Variable	QA Flag Description	Confirmed
05/24/2021	05/30/2021	HCP	pctAnyVacc	The total (complete + partial) vaccination coverage rat	N
05/24/2021	05/30/2021	Resident	pctAnyVacc	The total (complete + partial) vaccination coverage rat	N

Scroll down to view flagged data



Confirming Data that are Flagged for Potential Errors:

Facility ID: 14025 Vaccination Type: COVID19 Facility CCN #: IUYI000000
 Week of Data Collection: 05/24/2021 - 05/30/2021 Date Last Modified: 06/28/2021 4:07PM

Cumulative Vaccination Coverage

1. *Number of residents staying in this facility for at least 1 day during the week of data collection: 307 QA Alert

2. *Cumulative number of residents in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere since December 2020: 307 QA Alert

2.1 *Only dose 1 of Pfizer-BioNTech COVID-19 vaccine: 1

2.2 *Dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine: 1

2.3 *Only dose 1 of Moderna COVID-19 vaccine: 2

2.4 *Dose 1 and dose 2 of Moderna COVID-19 vaccine: 2

2.5 *Dose of Janssen COVID-19 vaccine: 1

2.99 *Complete COVID-19 vaccination series: unspecified manufacturer: 1

Any completed COVID-19 vaccine series: 5

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

3.1 *Medical contraindication or exclusions to COVID-19 vaccine: 0 QA Alert

3.2. Offered but declined COVID-19 vaccine: 1

3.3. Unknown COVID-19 vaccination status: 1

Manage Alert(s) ← Save Cancel

Users can also indicate that data flagged on the alert list are correct. To remove the alert, the relevant data entry must be confirmed. This will open the “Manage Alerts” page.

Click on the “Yes” box to confirm that the data are correct. Then click on the save button.

Week Start Date	Week End Date	Vaccination Form Type	Variable	QA Flag Description	Confirmed
05/24/2021	05/30/2021	HCP	pctAnyVacc	The total (complete + partial) vaccination coverage rate is less or	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Back Save



Alert

QA Alerts successfully updated.

OK

Missing Events	Incomplete Events	Missing Summary	Incomplete Summary

1	HCP	QA Alert	pctAnyVacc	The total (comp
---	-----	--	------------	-----------------

A message verifying that the data were confirmed will appear.

