

## Description

As part of CDC's ongoing COVID-19 response, long-term care facilities (LTCFs) enrolled in the National Healthcare Safety Network (NHSN) can report data using the LTCF COVID-19 Vaccination Module. Group and supergroup users can import resident and healthcare personnel (HCP) COVID-19 vaccination data on behalf of their member facilities who report to this module. The purpose of this guidance document is to provide important information and instructions for how groups and supergroups can import .CSV files and view summary data in the NHSN LTCF COVID-19 Vaccination Module.

Facilities can be members of several groups in NHSN. These groups can view facility data. Therefore, facilities should decide which group can import .CSV files. If data have been uploaded into NHSN for a facility by one group or supergroup via the .CSV bulk upload, these data can be overwritten by a second group uploading data for the facility at a later time or date. Therefore, NHSN recommends that facilities only grant access to one group/supergroup to upload data on their behalf. Groups or Supergroups can include health departments. It is also important to note that if a facility has entered its own data, it will not be overwritten by a bulk upload by a group/supergroup.

*Facilities choosing to upload their data by working directly with a vendor will need to work with the vendor to provide their NHSN OrgID and establish the process*. Vendors (e.g., EHR providers, EOC providers, etc.) intending to provide COVID-19 .CSV uploads on behalf of NHSN facilities should submit an inquiry to <u>NHSN@cdc.gov</u> with the title "Vendor Support for NHSN COVID-19 Long-term Care Facility (LTCF) Reporting." NHSN will follow up to confirm procedural details as the process may differ by vendor.

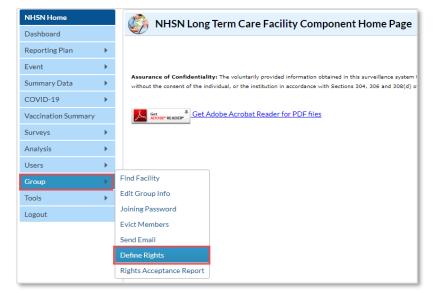
Please note: If accessing NHSN through different level of SAMS credentials, the interface will look slightly different as shown below but all functionality related to COVID-19 data reporting are the same.





## Instructions for Groups and Supergroups: Defining and Conferring Rights

1. **Group** – After logging into an NHSN component, select Group from the menu bar and then select Define Rights.



2. Group – After selecting Define Rights, the Define Rights options for the component will be displayed. Under General, there are new Rights for COVID-19 vaccination data. The new Rights allow viewing of COVID-19 Vaccination Module summary data for facilities that are a part of the group. Check "COVID-19 View Data" and "COVID-19 CSV Data Upload." By selecting "COVID-19 CSV Data Upload" the group will have the ability to import .CSV data files for facilities who accept the define rights. Group users can also select "Monthly Reporting Plan" to view monthly reporting plan data for facilities within the group. Select Save at the bottom of the page to Define the additional Rights.





3. **Group** – The **Facility** group member will need to confer rights (accept the newly defined right(s)) by clicking on Confer Rights Not Accepted under Action Items.

| ا 🎲 | NHSN Long Term Care Facility Component Home Page |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| • A | ction Items                                      |  |  |  |  |  |
| С   | DMPLETE THESE ITEMS                              |  |  |  |  |  |
|     | Confer Rights                                    |  |  |  |  |  |
| - 1 | Not  |  |  |  |  |  |
| - 1 | Accepted   |  |  |  |  |  |
|     |  |  |  |  |  |  |

4. **Group** – The **Facility** will see a Confer Rights Not Accepted List. From the list, select the group for which the facility would like to view the new Defined Rights.

| 0 | Confer Rights Not Accepted List                     |                             |                    |                            |                                  |  |  |  |  |
|---|---|-----------------------------|--------------------|----------------------------|----------------------------------|--|--|--|--|
| a | Define rights have been changed a ccept new rights. | ffecting the Group below. ` | You may accept new | rights or leave the group. | Click the Group Name to view and |  |  |  |  |
|   | Name 🚖  | Group ID                    |                    | Status                     | Status Date                      |  |  |  |  |
|   | LTCF Test Group                                     | 11260                       |                    | Not Accepted               | Apr 24 2020 4:43PM               |  |  |  |  |



5. Group –The group will have added defined COVID-19 Rights if the boxes next to "COVID-19 View Data" and "COVID-19 CSV Data Upload" are checked. The group will have added defined Rights for monthly reporting plan data if the box next to "Monthly Reporting Plan" is checked. The Facility may select "Accept" to save the newly conferred Rights. The Facility must accept the newly defined Rights for its data to be viewable to the group.

| Confer Rights-Long Term Care   |
|--|
| ! Please review the data rights that "Vacc Test Group" is requesting from your facility:<br>- Verify locations<br>- Press "accept" button to confer rights |
| General  |
| Monthly Reporting Plan   |
| Long Term Care Annual Facility Survey  |
| Data Analysis  |
| Facility Information   |
| COVID-19 View Data   |
| COVID-19 CSV Data Upload   |
| COVID-19 Point of Care Test Data - View All Data   |
|  |
| Accept Back  |



## Instructions to Upload and Export .CSV Files for both Group and Supergroup Users

1. **Group/Super Group** – Select COVID-19 from the menu bar to view specific pathway data. Next, select "COVID-19 Vaccination".

| NHSN Home           |   |
|---------------------|---|
| Dashboard           |   |
| Reporting Plan      | • |
| Event               | • |
| Summary Data        | • |
| COVID-19            | • |
| Vaccination Summary |   |
| Surveys             | • |
|                     |   |

A list of facilities in your group or supergroup that have entered vaccination data by month will be displayed. Select the Facility ID/Month to view the data for that month. (All data in screenshots are for illustration only.)

|               | Page             | e1 of 1 ↔ ↔ 50 ♥ | Viev     | v1-9 of 9    |
|---------------|------------------|------------------|----------|--------------|
| Facility ID 🐮 | Facility Name    | Vaccination Type | Month    | Year         |
| 10563         | Rikki's Hospital | COVID19          | December | 2020         |
| 10563         | Rikki's Hospital | COVID19          | January  | 2021         |
| 10563         | Rikki's Hospital | COVID19          | February | 2021         |
| 10563         | Rikki's Hospital | COVID19          | March    | 2021         |
| 10563         | Rikki's Hospital | COVID19          | April    | 2021         |
| 10563         | Rikki's Hospital | FLU              | December | 2020         |
| 14025         | Lola LTCF        | COVID19          | February | 2021         |
| 14025         | Lola LTCF        | COVID19          | March    | 2021         |
| 14025         | Lola LTCF        | COVID19          | April    | 2021         |
|               | H H Page         | e1 of 1 🗠 🗠 10 💙 | Viev     | v 1 - 9 of 9 |

| /ID-19 | Vaccine: Re | sidents  |               |             |        |           |           |           |              |
|--------|-------------|----------|---------------|-------------|--------|-----------|-----------|-----------|--------------|
|        |             |          |               |             |        |           |           |           |              |
| is.    | orgid       | vacctype | survweekstart | survweekend | numres | numresmed | numresdec | numresunk | numresconfc1 |
| Ê.     | 10563       | COVID19  | 12/14/2020    | 12/20/2020  | 200    | 1         | 2         | 2         | 2            |
|        | 10563       | COVID19  | 12/07/2020    | 12/13/2020  | 8      | 0         |           |           |              |
|        | 10563       | COVID19  | 12/21/2020    | 12/27/2020  | 323    | 0         | 1         | 3         | 7            |



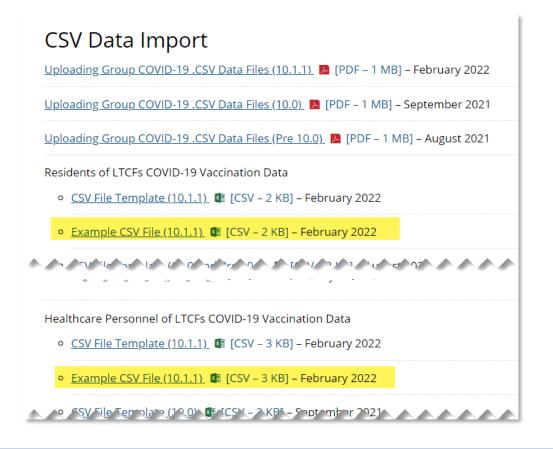
 Download Templates – The .CSV templates for COVID-19 Weekly Vaccination Summary Data can be found at NHSN LTCF Weekly Healthcare Personnel (HCP) and Resident COVID-19 Vaccination webpage: <u>https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html</u>.





- February 2022
  - 3. Enter Data Using the provided .CSV templates for LTCF resident and LTCF healthcare personnel data, populate each variable with the appropriate data. Multiple facilities (those that are a part of the group and have conferred rights) may be included. A valid facility identifier is required. After entering all data, save each file to upload the .CSV file in NHSN.

For complete information on the variables included on the .CSV templates, refer to the tables at end of this document ("Table 1: NHSN Resident COVID-19 Vaccination Data Import File Format" and "Table 2: NHSN HCP COVID-19 Vaccination Data Import File Format"). Example .CSV files that include test data in required fields are available from NHSN's LTC Weekly Healthcare Personnel (HCP) and Resident COVID-19 Vaccination webpage: <u>https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html</u>.





4. **Upload .CSV** – To upload the completed .CSV Data file, select the "COVID-19" tab from the menu bar. Next, select "COVID-19 Vaccination". A list of facilities by month will be displayed. Click on the "Upload CSV" button. A prompt will appear where a file must be provided for submission. Browse for the file location and then click "Upload CSV" to begin the import.

| NHSN Home          |    | 1 Vaccina           | tion Summary            | Data               |                 |              |
|--------------------|----|---------------------|-------------------------|--------------------|-----------------|--------------|
| Dashboard          |    | Vaccina             | itton Summary           | Data               |                 |              |
| Reporting Plan     |    |                     |                         |                    |                 |              |
| Event              |    | Facility ID 1       | re Pag<br>Facility Name | e1 of 2 ++ ++ 10 • | View 1<br>Month | - 10 of 11   |
| Summary Data       |    |                     | likki's Hospital        | COVID19            | December        | Year<br>2020 |
|                    |    | Dashboard           | s Hospital              | COVID19            | January         | 2021         |
| COVID-19           |    |                     | s Hospital              | COVID19            | February        | 2021         |
| Vaccination Summar | ý. | Pathway Data Report | e Hospital              | COVID19            | March           | 2021         |
| Surveys            | ,  | COVID-19 Vaccinatio | • Hospital              | COVID19            | April           | 2021         |
| 200, 1123.5        |    | 10563 #             | likki's Hospital        | COVID19            | May             | 2021         |
| Analysis           |    | 10563 \$            | likki's Hospital        | FLU                | December        | 2020         |
| Users.             |    | 14025 1             | ola LTCF                | COVID19            | February        | 2021         |
|                    |    | 14025 1             | ola LTCF                | COVID19            | March           | 2021         |
| Group              |    | 14025 1             | olaLTCF                 | COVID19            | April           | 2021         |
| Tools              |    |                     | ve ve Pag               | e1 of 2 ⊷ ⊷ 10 ♥   | View 1          | -10 of 11    |
| Logout             |    |                     |                         |                    |                 |              |



|               | 144.44           | Page 1 of 2 ++ +1 10 ¥        | View 1         | - 10 of 11 |  |
|---------------|------------------|-------------------------------|----------------|------------|--|
| Facility ID 1 | Facility Name    | Vaccination Type              | Morth.         | Year.      |  |
| 10563         | Rikki's Hospital | COVID19                       | December       | 2020       |  |
| 10563         | Rikki's Hospital | 0068040                       | Lawrence .     | 0001       |  |
| 10563         | Rikki's Hospital | Upload CSV file               |                |            |  |
| 10563         | Rikki's Hospital |                               |                |            |  |
| 10563         | Rikki's Hospital | Please select a CSV file con  | taining either |            |  |
| 10563         | Rikki's Hospital |                               |                |            |  |
| 10563         | Rikki's Hospital | COVID-19 Vaccine: Resident Da | ta .           |            |  |
| 14025         | Lola LTCF        | COVID-19 Vaccine: HCW Data    |                |            |  |
| 14025         | Lola LTCF        | Choose File No 2 en           |                |            |  |
| 14025         | Lola LTCF        | Construction in the second    |                |            |  |
|               |                  |                               |                |            |  |



6. View Data – A message that indicates the upload was successful will be generated. The Vaccination Module will automatically populate the uploaded data. Users can then select a facility for which data were added to view the record.

| Message from webpage X     |  |  |  |
|----------------------------|--|--|--|
| Successfully uploaded CSV. |  |  |  |
| ОК                         |  |  |  |

If errors are found during upload, please review the alerts and refer to the tables at the end of this document ("Table 1: NHSN Resident COVID-19 Vaccination Data Import File Format" and "Table 2: NHSN HCP COVID-19 Vaccination Data Import File Format") for complete information on the variables included on .CSV templates. Questions can be submitted to <u>NHSN@CDC.GOV</u> with "Weekly COVID-19 Reporting CSV upload" in the subject line.

7. **View and Export Line List Data Reports** – Users are encouraged to utilize the analysis and reporting functionality built within NHSN to view and export line list data reports for COVID-19 vaccination data for healthcare personnel and residents. For more information, view our Quick Reference Guides on how to modify and export line lists available under the "Resources" section of NHSN's LTC Weekly Healthcare Personnel (HCP) and Resident COVID-19 Vaccination webpage: <u>https://www.cdc.gov/nhsn/ltc/weekly-covid-vac/index.html</u>



# Group - Importing via .csv file - *COVID-19 Weekly Vaccination Summary – Residents* - LTC Component - NHSN release 10.1.1 (February 2022)

## Table 1: NHSN Resident COVID-19 Vaccination Data Import File Format

| Field         | Requirement | Values   | Format <sup>+</sup>          | Description of Field  |
|---------------|-------------|--|------------------------------|---|
| orgid         | Required    | -  | -                            | Must be a valid NHSN Facility ID (organization identifier)  |
| vacctype      | Required    | COVID19  | -                            | Vaccination Type  |
| survweekstart | Required    | MM/DD/YYYY<br>( <b>Monday</b> through Sunday reporting)  | -                            | Week of data collection, start date<br>(date must be a Monday; must be no   |
| survweekend   | Required    | MM/DD/YYYY<br>(Monday through <b>Sunday</b> reporting)   | -                            | later than current date)<br>Week of data collection, end date<br>(date must be a Sunday; must be no later<br>than current date)                             |
| numres        | Required    | 0 – 3000<br>Must be ≤ 3,000<br>AND = sum of (numResVacc[0] + numResVacc[1] +<br>numResVacc[2] numResVacc[3] + numResVacc[4]<br>numResVacc[5])+ numResMed + numResDec +<br>numResUnk) | Must be a<br>whole<br>number | Number of residents staying in this<br>facility for at least 1 day during the week<br>of data collection  |
| numresmed     | Required    | -  | Must be a<br>whole<br>number | Cumulative number of residents, from<br>numres, with a medical contraindication<br>or exclusion to COVID-19 vaccine and did<br>not receive COVID-19 vaccine |

Field Requirement Values Format<sup>+</sup> **Description of Field** Optional Must be a Cumulative number of residents, from numresdec whole numres, who were offered but declined number to receive COVID-19 vaccine numresunk Optional Must be a Cumulative number of residents, from whole numres, with an unknown COVID-19 number vaccination status Required vaccprovider Y for Yes Is your facility enrolled as a COVID-19 N for No vaccination provider? Applicable for records with version  $\geq 9.5.2$ Did your facility have a sufficient supply vaccsuffsupplyoffer Conditionally Required Y for Yes N for No of COVID-19 vaccine(s) to offer all Applicable for records with version  $\geq$  9.5.2 Required if vaccProvider = Y residents the opportunity to receive COVID-19 vaccine(s) from your facility in the current reporting week? vaccOthSuffSupplyoffer Conditionally Required Y for Yes Did your facility have other N for No arrangements sufficient to offer all residents the opportunity to receive Applicable for records with version  $\geq 9.5.2$  Required if vaccProvider = N or vaccSuffSupply = NCOVID-19 vaccine(s) in the current reporting week? Describe any other COVID-19 vaccination Vaccsupplyissue Optional Alpha numeric up to supply-related issue(s) at your facility Applicable for records with version  $\geq$  9.5.2 200 characters vacC19VOs[0].covid19vaccinename Conditionally Required PFIZBION COVID-19 Vaccine Name (PFIZBION – Pfizer-BioNTech COVID-19 vaccine Required if reporting Pfizer-BioNTech COVID-19 vaccine vacC19VOs[0].covid19vaccine Conditionally Required PFIZBION1 COVID-19 Vaccine – PFIZBION1 (only dose 1 of Pfizer-BioNTech COVID-19 Required if reporting Pfizervaccine BioNTech COVID-19 vaccine

Field Requirement Values Format<sup>+</sup> **Description of Field** Conditionally Required vacC19VOs[0].numresvacc Must be ≤ numres Cumulative number of residents, from numres, who have received PFIZBION1 Required if reporting Pfizer-(only dose 1 of Pfizer-BioNTech COVID-BioNTech COVID-19 vaccine 19 vaccine at this facility or elsewhere vacC19VOs[1].covid19vaccinename COVID-19 Vaccine Name (PFIZBION – Conditionally Required PFIZBION Pfizer-BioNTech COVID-19 vaccine) Required if reporting Pfizer-BioNTech COVID-19 vaccine vacC19VOs[1].covid19vaccine Conditionally Required PFIZBION COVID-19 Vaccine - PFIZBION (dose 1 and dose 2 of Pfizer-BioNTech COVID-19 Required if reporting Pfizervaccine) BioNTech COVID-19 vaccine vacC19VOs[1].numresvacc Conditionally Required Must be ≤ numres Cumulative number of residents, from numres, who have received dose 1 and Required if reporting Pfizerdose 2 of Pfizer-BioNTech COVID-19 BioNTech COVID-19 vaccine vaccine at this facility or elsewhere vacC19VOs[2].covid19vaccinename Conditionally Required COVID-19 Vaccine Name (MODERNA MODERNA COVID-19 vaccine) Required if reporting Moderna COVID-19 vaccine vacC19VOs[2].covid19vaccine Conditionally Required MODERNA1 COVID-19 Vaccine (MODERNA1 – only dose one of MODERNA COVID-19 Required if reporting vaccine) Moderna COVID-19 vaccine vacC19VOs[2].numresvacc Cumulative number of residents, from Conditionally Required Must be ≤ numres numres, who have received only dose Required if reporting one of MODERNA COVID-19 vaccine at Moderna COVID-19 vaccine this facility or elsewhere vacC19VOs[3].covid19vaccinename Conditionally Required MODERNA Must be a COVID-19 Vaccine Name (MODERNA whole COVID-19 vaccine) Required if reporting number Moderna COVID-19 vaccine

| Field   | Requirement   | Values           | Format <sup>+</sup>          | Description of Field  |
|---|---|------------------|------------------------------|---|
| vacC19VOs[3].covid19vaccine   | Conditionally Required<br>Required if reporting<br>Moderna COVID-19 vaccine                         | MODERNA          | Must be a<br>whole<br>number | COVID-19 Vaccine (MODERNA – dose 1<br>and dose 2 of MODERNA COVID-19<br>vaccine)  |
| vacC19VOs[3].numresvacc   | Conditionally Required<br>Required if reporting<br>Moderna COVID-19 vaccine                         | Must be ≤ numres | -                            | Cumulative number of residents, from<br>numres, who have received dose 1 and<br>dose 2 of MODERNA COVID-19 vaccine<br>at this facility or elsewhere |
| vacC19VOs[4].covid19vaccinename<br>Note: JANSSEN can be reported starting<br>3/3/2021 and going forward     | Conditionally Required<br>Required if reporting Janssen<br>COVID-19 vaccine                         | JANSSEN          | -                            | COVID-19 Vaccine Name (JANSSEN –<br>Janssen COVID-19 vaccine)   |
| vacC19VOs[4].covid19vaccine<br>Note: JANSSEN can be reported starting<br>3/3/2021 and going forward         | Conditionally Required<br>Required if reporting Janssen<br>COVID-19 vaccine                         | JANSSEN          | -                            | COVID-19 Vaccine (JANSSEN – one dose<br>of Janssen COVID-19 vaccine)  |
| vacC19VOs[4].numresvacc   | Conditionally Required<br>Required if reporting Janssen<br>COVID-19 vaccine                         | Must be ≤ numpat | Must be a<br>whole<br>number | Cumulative number of residents, from<br>numres, who have received JANSSEN<br>COVID-19 vaccine at this facility or<br>elsewhere                      |
| vacC19VOs[5].covid19vaccinename<br>Note: UNSPECIFIED can be reported<br>starting 3/3/2021 and going forward | Conditionally Required<br>Required if reporting COVID-<br>19 vaccine of unspecified<br>manufacturer | UNSPECIFIED      | -                            | COVID-19 Vaccine Name (UNSPECIFIED –<br>COVID-19 vaccine series: unspecified<br>manufacturer)   |
| vacC19VOs[5].covid19vaccine<br>Note: UNSPECIFIED can be reported<br>starting 3/3/2021 and going forward     | Conditionally Required<br>Required if reporting COVID-<br>19 vaccine of unspecified<br>manufacturer | UNSPECIFIED      | _                            | COVID-19 Vaccine (UNSPECIFIED –<br>complete series of COVID-19 vaccine<br>series: unspecified manufacturer)   |

| Field                           | Requirement  | Values           | Format <sup>+</sup>          | Description of Field  |
|---------------------------------|--|------------------|------------------------------|---|
| vacC19VOs[5].numresvacc         | Conditionally Required<br>Required if reporting COVID-<br>19 vaccine of unspecified<br>manufacturer                              | Must be ≤ numpat | Must be a<br>whole<br>number | Cumulative number of patients, from<br>numres, who have received a complete<br>primary a complete primary COVID-19<br>vaccine series: unspecified manufacturer<br>at this facility or elsewhere |
| vacC19VOs[6].covid19vaccinename | -  | -                | -                            | Placeholder for additional vaccine  |
| vacC19VOs[6].covid19vaccine     | -  | -                | -                            | Placeholder for additional vaccine  |
| vacC19VOs[6].numresvacc         | -  | -                | -                            | Placeholder for additional vaccine  |
| vacC19VOs[7].covid19vaccinename | -  | -                | -                            | Placeholder for additional vaccine  |
| vacC19VOs[7].covid19vaccine     | -  | -                | -                            | Placeholder for additional vaccine  |
| vacC19VOs[7].numresvacc         | -  | -                | -                            | Placeholder for additional vaccine  |
|                                 |  |                  |                              | a complete primary a complete primary   |
| vacC19VOs[8].covid19vaccinename | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Pfizer-<br>BioNTech COVID-19 vaccine | PFIZBION         | -                            | COVID-19 Vaccine Name (PFIZBION –<br>Pfizer-BioNTech COVID-19 vaccine)  |
| vacC19VOs[8].covid19vaccine     | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Pfizer-<br>BioNTech COVID-19 vaccine | PFIZBION3        | -                            | COVID-19 Vaccine - PFIZBION (additional<br>primary or booster dose of Pfizer-<br>BioNTech COVID-19 vaccine)   |

Field Requirement Values Format<sup>+</sup> **Description of Field** vacC19VOs[8].numresvacc Conditionally Required Sum of (numResVacc[1] + numResVacc[3] + Must be a Cumulative number of residents with numResVacc[4] numResVacc[5]) must be >= sum of whole complete primary vaccine series who Required if reporting (vacC19VOs[8].numresvacc + number have received an additional primary or additional primary or vacC19VOs[9].numresvacc + booster dose of Pfizer-BioNTech COVIDbooster dose of PfizervacC19VOs[10].numresvacc + 19 vaccine vacC19VOs[11].numresvacc) BioNTech COVID-19 vaccine vacC19VOs[9].covid19vaccinename Conditionally Required MODERNA COVID-19 Vaccine Name (MODERNA COVID-19 vaccine) Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine vacC19VOs[9].covid19vaccine Conditionally Required MODERNA3 COVID-19 Vaccine (MODERNA – additional primary or booster dose of Required if reporting MODERNA COVID-19 vaccine) additional primary or booster dose of Moderna COVID-19 vaccine vacC19VOs[9].numresvacc Conditionally Required Sum of (numResVacc[1] + numResVacc[3] + Must be a Cumulative number of residents with numResVacc[4] numResVacc[5]) must be >= sum of whole complete primary vaccine series who Required if reporting (vacC19VOs[8].numresvacc + number have received an additional primary or additional primary or vacC19VOs[9].numresvacc + booster dose of Moderna COVID-19 booster dose of Moderna vacC19VOs[10].numresvacc + vaccine COVID-19 vaccine vacC19VOs[11].numresvacc) Conditionally Required vacC19VOs[10].covid19vaccinename JANSSEN COVID-19 Vaccine Name (JANSSEN COVID-19 vaccine) Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine

| Field                            | Requirement  | Values  | <b>Format</b> <sup>†</sup>   | Description of Field  |
|----------------------------------|--|---|------------------------------|---|
| vacC19VOs[10].covid19vaccine     | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Janssen<br>COVID-19 vaccine                        | JANSSEN2  | -                            | COVID-19 Vaccine (JANSSEN – additional<br>primary or booster dose of JANSSEN<br>COVID-19 vaccine)   |
| vacC19VOs[10].numresvacc         | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Janssen<br>COVID-19 vaccine                        | Sum of (numResVacc[1] + numResVacc[3] +<br>numResVacc[4] numResVacc[5]) must be >= sum of<br>(vacC19VOs[8].numresvacc +<br>vacC19VOs[9].numresvacc +<br>vacC19VOs[10].numresvacc +<br>vacC19VOs[11].numresvacc) | Must be a<br>whole<br>number | Cumulative number of residents with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of Janssen COVID-19<br>vaccine                   |
| vacC19VOs[11].covid19vaccinename | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of COVID-19<br>vaccine of unspecified<br>manufacturer | UNSPECIFIED   | -                            | COVID-19 Vaccine Name (UNSPECIFIED -<br>unspecified manufacturer)   |
| vacC19VOs[11].covid19vaccine     | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of COVID-19<br>vaccine of unspecified<br>manufacturer | UNSPECIFIED2  | -                            | COVID-19 Vaccine (UNSPECIFIED –<br>additional primary or booster dose of<br>COVID-19 vaccine series: unspecified<br>manufacturer)   |
| vacC19VOs[11].numresvacc         | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of COVID-19<br>vaccine of unspecified<br>manufacturer | Sum of (numResVacc[1] + numResVacc[3] +<br>numResVacc[4] numResVacc[5]) must be >= sum of<br>(vacC19VOs[8].numresvacc +<br>vacC19VOs[9].numresvacc +<br>vacC19VOs[10].numresvacc +<br>vacC19VOs[11].numresvacc) | Must be a<br>whole<br>number | Cumulative number of residents with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of COVID-19 vaccine:<br>unspecified manufacturer |

## Group – Importing via .csv file - *COVID-19 Weekly Vaccination Summary – Healthcare Personnel* - LTC Component - NHSN release 10.1.1 (February 2022)

## Table 2: NHSN Healthcare Personnel COVID-19 Vaccination Data File Format

| Field         | Requirement | Values  | Format <sup>+</sup>          | Description of Field  |
|---------------|-------------|---|------------------------------|---|
| orgid         | Required    | -   | -                            | Must be a valid NHSN Facility ID<br>(organization identifier)   |
| vacctype      | Required    | COVID19   | -                            | Vaccination Type  |
| survweekstart | Required    | MM/DD/YYYY<br>( <b>Monday</b> through Sunday reporting)   | -                            | Week of data collection, start date<br>(date must be a Monday; must be no<br>later than current date)   |
| survweekend   | Required    | MM/DD/YYYY<br>(Monday through <b>Sunday</b> reporting)  | -                            | Week of data collection, end date<br>(date must be a Sunday; must be no<br>later than current date)   |
| numEmpHCP     | Required    | Must be = sum of (vacC19VOs[0].numEmpVacc +<br>vacC19VOs[1].numEmpVacc + vacC19VOs[2].numEmpVacc<br>+ vacC19VOs[3].numEmpVacc +<br>vacC19VOs[4].numEmpVacc + vacC19VOs[5].numEmpVacc)<br>+ numEmpMed + numEmpDec + numEmpUnk<br>AND<br>Sum of numEmpHCP, numLIPHCP, numVolHCP, and<br>numOCPHCP must be <= 50,000 | Must be a<br>whole<br>number | Number of employee HCP that were<br>eligible to have worked at this<br>healthcare facility for at least 1 day<br>during the week of data collection |

| Field     | Requirement | Values  | Format <sup>†</sup>          | Description of Field  |
|-----------|-------------|---|------------------------------|---|
| numLIPHCP |             | Must be = sum of (vacC19VOs[0].numLIPVacc +<br>vacC19VOs[1].numLIPVacc + vacC19VOs[2].numLIPVacc +<br>vacC19VOs[3].numLIPVacc + vacC19VOs[4].numLIPVacc +<br>vacC19VOs[5].numLIPVacc)+ numLIPMed + numLIPDec +<br>numLIPUnk)<br>AND<br>Sum of numEmpHCP, numLIPHCP, numVolHCP, and<br>numOCPHCP must be <= 50,000 | Must be a<br>whole<br>number | Number of licensed independent<br>practitioner HCP that were eligible to<br>have worked at this healthcare facility<br>for at least 1 day during the week of<br>data collection   |
| numVolHCP |             | Must be = sum of (vacC19VOs[0].numVolVacc +<br>vacC19VOs[1].numVolVacc + vacC19VOs[2].numVolVacc +<br>vacC19VOs[3].numVolVacc + vacC19VOs[4].numVolVacc +<br>vacC19VOs[5].numVolVacc)+ numVolMed + numVolDec +<br>numVolUnk)<br>AND<br>Sum of numEmpHCP, numLIPHCP, numVolHCP, and<br>numOCPHCP must be <= 50,000 | Must be a<br>whole<br>number | Number of adult student/trainee and<br>volunteer HCP that were eligible to have<br>worked at this healthcare facility for at<br>least 1 day during the week of data<br>collection |

| Field     | Requirement | Values  | Format <sup>†</sup>          | Description of Field  |
|-----------|-------------|---|------------------------------|---|
| numOCPHCP | Required    | Must be = sum of (vacC19VOs[0].numOCPVacc +<br>vacC19VOs[1].numOCPVacc + vacC19VOs[2].numOCPVacc +<br>vacC19VOs[3].numOCPVacc + vacC19VOs[4].numOCPVacc +<br>vacC19VOs[5].numOCPVacc)+ numOCPMed + numOCPDec<br>+ numOCPUnk)<br>AND<br>Sum of numEmpHCP, numLIPHCP, numVolHCP, and<br>numOCPHCP must be <= 50,000 |                              | Number of other contract personnel<br>that were eligible to have worked at this<br>healthcare facility for at least 1 day<br>during the week of data collection |
| numEmpMed | Required    | Must be <= numEmpHCP  | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>with a medical contraindication reason<br>to not receive COVID-19 vaccine  |
| numLIPMed | Required    | Must be <= numLIPHCP  | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP with a<br>medical contraindication reason to not<br>receive COVID-19 vaccine                      |
| numVolMed | Required    | Must be <= numVoIHCP  | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee & volunteer HCP with a<br>medical contraindication reason to not<br>receive COVID-19 vaccine                      |
| numOCPMed | Required    | Must be <= numOCPHCP  | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel with a medical<br>contraindication reason to not receive<br>COVID-19 vaccine                                   |
| numEmpDec | Required    | Must be <= numEmpHCP  | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>who were offered but declined COVID-<br>19 vaccine   |
| numLIPDec | Required    | Must be <= numLIPHCP  | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP who were<br>offered but declined COVID-19 vaccine   |

Field Requirement Values Format<sup>†</sup> **Description of Field** numVolDec Required Must be <= numVolHCP Must be a Cumulative number of adult whole student/trainee and volunteer HCP who number were offered but declined COVID-19 vaccine Cumulative number of other contract numOCPDec Required Must be <= numOCPHCP Must be a whole personnel who were offered but number declined COVID-19 vaccine Required numEmpUnk Must be <= numEmpHCP Must be a Cumulative number of employee HCP whole with an unknown COVID-19 vaccination number status numLIPUnk Required Must be <= numLIPHCP Must be a Cumulative number of licensed whole independent practitioner HCP with an number unknown COVID-19 vaccination status numVolUnk Required Cumulative number of adult Must be <= numVolHCP Must be a whole student/trainee & volunteer HCP with number an unknown COVID-19 vaccination status numOCPUnk Required Must be <= numOCPHCP Must be a Cumulative number of other contract whole personnel with an unknown COVID-19 number vaccination status Is your facility enrolled as a COVID-19 Y for Yes vaccprovider Required N for No vaccination provider? Applicable for records with version  $\geq$ 9.5.2 vaccsuffsupplyoffer Conditionally Required Did your facility have a sufficient supply Y for Yes N for No of COVID-19 vaccine(s) to offer all staff Required if vaccProvider = the opportunity to receive COVID-19 Applicable for records with version  $\geq$ vaccine(s) from your facility in the 9.5.2 current reporting week?

| Field  | Requirement  | Values                | Format <sup>†</sup>                         | Description of Field  |
|--|--|-----------------------|---|---|
| vaccOthSuffSupplyoffer<br>Applicable for records with version ≥<br>9.5.2 | · · ·  | Y for Yes<br>N for No | -   | Did your facility have other<br>arrangements sufficient to offer all staff<br>the opportunity to receive COVID-19<br>vaccine(s) in the current reporting<br>week? |
| Vaccsupplyissue<br>Applicable for records with version ≥<br>9.5.2        | Optional   | -                     | Alpha<br>numeric up<br>to 200<br>characters | Describe any other COVID-19<br>vaccination supply-related issue(s) at<br>your facility  |
| vacC19VOs[0].covid19vaccinename  | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | PFIZBION              |   | COVID-19 Vaccine Name (PFIZBION –<br>Pfizer-BioNTech COVID-19 vaccine   |
| vacC19VOs[0].covid19vaccine  | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | PFIZBION1             |   | COVID-19 Vaccine – PFIZBION1 (only<br>dose 1 of Pfizer-BioNTech COVID-19<br>vaccine   |
| vacC19VOs[0].numEmpVacc  | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | -                     | Must be a<br>whole<br>number                | Cumulative number of employee HCP<br>who have received only 1 dose of Pfizer-<br>BioNTech COVID-19 vaccine  |
| vacC19VOs[0].numLIPVacc  | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | -                     | Must be a<br>whole<br>number                | Cumulative number of licensed<br>independent practitioner HCP who have<br>received only 1 dose of Pfizer-BioNTech<br>COVID-19 vaccine                             |

| Field                           | Requirement  | Values   | Format <sup>†</sup>          | Description of Field   |
|---------------------------------|--|----------|------------------------------|--|
| vacC19VOs[0].numVolVacc         | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | -        | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP who<br>have received only 1 dose of Pfizer-<br>BioNTech COVID-19 vaccine     |
| vacC19VOs[0].numOCPVacc         | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | -        | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel who have received only 1<br>dose of Pfizer-BioNTech COVID-19<br>vaccine                     |
| vacC19VOs[1].covid19vaccinename | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | PFIZBION | -                            | COVID-19 Vaccine Name (PFIZBION –<br>Pfizer-BioNTech COVID-19 vaccine)   |
| vacC19VOs[1].covid19vaccine     | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | PFIZBION | -                            | COVID-19 Vaccine - PFIZBION (dose 1<br>and dose 2 of Pfizer-BioNTech COVID-19<br>vaccine)  |
| vacC19VOs[1].numEmpVacc         | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | -        | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>who have received dose 1 and dose 2 of<br>Pfizer-BioNTech COVID-19 vaccine                              |
| vacC19VOs[1].numLIPVacc         | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | _        | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP who have<br>received dose 1 and dose 2 of Pfizer-<br>BioNTech COVID-19 vaccine |

| Field                           | Requirement  | Values   | <b>Format</b> <sup>†</sup>   | Description of Field  |
|---------------------------------|--|----------|------------------------------|---|
| vacC19VOs[1].numVolVacc         | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine | -        | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP who<br>have received dose 1 and dose 2 of<br>Pfizer-BioNTech COVID-19 vaccine |
| vacC19VOs[1].numOCPVacc         | Conditionally Required<br>Required if reporting<br>Pfizer-BioNTech COVID-19<br>vaccine |          | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel who have received dose 1<br>and dose 2 Pfizer-BioNTech COVID-19<br>vaccine                   |
| vacC19VOs[2].covid19vaccinename | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine         | MODERNA  | _                            | COVID-19 Vaccine Name (MODERNA<br>COVID-19 vaccine)   |
| vacC19VOs[2].covid19vaccine     | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine         | MODERNA1 | _                            | COVID-19 Vaccine (MODERNA1 – only<br>dose one of MODERNA COVID-19<br>vaccine)   |
| vacC19VOs[2].numEmpVacc         | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine         | -        | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>who have received only 1 dose of<br>Moderna COVID-19 vaccine   |
| vacC19VOs[2].numLIPVacc         | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine         | -        | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP who have<br>received only 1 dose of Moderna<br>COVID-19 vaccine                 |

| Field                           | Requirement  | Values  | Format <sup>†</sup>          | Description of Field  |
|---------------------------------|--|---------|------------------------------|---|
| vacC19VOs[2].numVolVacc         | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | -       | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP who<br>have received only 1 dose of Moderna<br>COVID-19 vaccine     |
| vacC19VOs[2].numOCPVacc         | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | -       | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel HCP who have received only<br>1 dose of Moderna COVID-19 vaccine                   |
| vacC19VOs[3].covid19vaccinename | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | MODERNA | _                            | COVID-19 Vaccine Name (MODERNA<br>COVID-19 vaccine)   |
| vacC19VOs[3].covid19vaccine     | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | MODERNA | _                            | COVID-19 Vaccine (MODERNA – dose 1<br>and dose 2 of MODERNA COVID-19<br>vaccine)  |
| vacC19VOs[3].numEmpVacc         | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | -       | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>who have received dose 1 and dose 2 of<br>Moderna COVID-19 vaccine                             |
| vacC19VOs[3].numLIPVacc         | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | -       | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP who have<br>received dose 1 and dose 2 of Moderna<br>COVID-19 vaccine |

| Field   | Requirement  | Values  | Format <sup>†</sup>          | Description of Field  |
|---|--|---------|------------------------------|---|
| vacC19VOs[3].numVolVacc   | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | -       | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP who<br>have received dose 1 and dose 2 of<br>Moderna COVID-19 vaccine |
| vacC19VOs[3].numOCPVacc   | Conditionally Required<br>Required if reporting<br>Moderna COVID-19<br>vaccine | -       | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel who have received dose 1<br>and dose 2 Moderna COVID-19 vaccine                      |
| vacC19VOs[4].covid19vaccinename<br>Note: JANSSEN can be reported starting<br>3/3/2021 and going forward | Conditionally Required<br>Required if reporting<br>Janssen COVID-19 vaccine    | JANSSEN | _                            | COVID-19 Vaccine Name (JANSSEN –<br>Janssen COVID-19 vaccine)   |
| vacC19VOs[4].covid19vaccine<br>Note: JANSSEN can be reported starting<br>3/3/2021 and going forward     | Conditionally Required<br>Required if reporting<br>Janssen COVID-19 vaccine    | JANSSEN | _                            | COVID-19 Vaccine (JANSSEN – one dose<br>of Janssen COVID-19 vaccine)  |
| vacC19VOs[4].numEmpVacc   | Conditionally Required<br>Required if reporting<br>Janssen COVID-19 vaccine    | -       | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>who have received one dose of Janssen<br>COVID-19 vaccine  |
| vacC19VOs[4].numLIPVacc   | Conditionally Required<br>Required if reporting<br>Janssen COVID-19 vaccine    | -       | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP who have<br>received one dose of Janssen COVID-19<br>vaccine            |
| vacC19VOs[4].numVolVacc   | Conditionally Required<br>Required if reporting<br>Janssen COVID-19 vaccine    | -       | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP who<br>have received one dose of Janssen<br>COVID-19 vaccine          |

| Field                               | Requirement              | Values      | <b>Format</b> <sup>†</sup> | Description of Field                   |
|-------------------------------------|--------------------------|-------------|----------------------------|--|
| vacC19VOs[4].numOCPVacc             | Conditionally Required   | -           | Must be a                  | Cumulative number of other contract    |
|                                     |                          |             | whole                      | personnel who have received one dose   |
|                                     | Required if reporting    |             | number                     | of Janssen COVID-19 vaccine            |
|                                     | Janssen COVID-19 vaccine |             |                            |  |
| vacC19VOs[5].covid19vaccinename     | Conditionally Required   | UNSPECIFIED | _                          | COVID-19 Vaccine Name (UNSPECIFIED     |
|                                     |                          |             |                            | –COVID-19 vaccine series: unspecified  |
| Note: UNSPECIFIED can be reported   | Required if reporting    |             |                            | manufacturer)                          |
| starting 3/3/2021 and going forward | COVID-19 vaccine of      |             |                            |  |
|                                     | unspecified manufacturer |             |                            |  |
| vacC19VOs[5].covid19vaccine         | Conditionally Required   | UNSPECIFIED | _                          | COVID-19 Vaccine (UNSPECIFIED –        |
|                                     |                          |             |                            | complete COVID-19 vaccine series:      |
| Note: UNSPECIFIED can be reported   | Required if reporting    |             |                            | unspecified manufacturer)              |
| starting 3/3/2021 and going forward | COVID-19 vaccine of      |             |                            |  |
|                                     | unspecified manufacturer |             |                            |  |
| vacC19VOs[5].numEmpVacc             | Conditionally Required   | -           | Must be a                  | Cumulative number of employee HCP      |
|                                     |                          |             | whole                      | who have received a complete primary   |
|                                     | Required if reporting    |             | number                     | a complete primary COVID-19 vaccine    |
|                                     | COVID-19 vaccine of      |             |                            | series: unspecified manufacturer       |
|                                     | unspecified manufacturer |             |                            |  |
| vacC19VOs[5].numLIPVacc             | Conditionally Required   | -           | Must be a                  | Cumulative number of licensed          |
|                                     |                          |             | whole                      | independent practitioner HCP who have  |
|                                     | Required if reporting    |             | number                     | received a complete primary a complete |
|                                     | COVID-19 vaccine of      |             |                            | primary COVID-19 vaccine series:       |
|                                     | unspecified manufacturer |             |                            | unspecified manufacturer.              |
| vacC19VOs[5].numVolVacc             | Conditionally Required   | -           | Must be a                  | Cumulative number of adult             |
|                                     |                          |             | whole                      | student/trainee and volunteer HCP who  |
|                                     | Required if reporting    |             | number                     | have received a complete primary a     |
|                                     | COVID-19 vaccine of      |             |                            | complete primary COVID-19 vaccine      |
|                                     | unspecified manufacturer |             |                            | series: unspecified manufacturer       |

| Field                           | Requirement              | Values    | Format <sup>†</sup> | Description of Field   |
|---------------------------------|--------------------------|-----------|---------------------|--|
| vacC19VOs[5].numOCPVacc         | Conditionally Required   | -         | Must be a<br>whole  | Cumulative number of other contract personnel who have received a      |
|                                 | Required if reporting    |           | number              | complete primary a complete primary                                    |
|                                 | COVID-19 vaccine of      |           |                     | COVID-19 vaccine series: unspecified                                   |
|                                 | unspecified manufacturer |           |                     | manufacturer   |
| vacC19VOs[6].covid19vaccinename | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[6].covid19vaccine     | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[6].numEmpVacc         | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[6].numLIPVacc         | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[6].numVolVacc         | -                        | r         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[6].numOCPVacc         | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[7].covid19vaccinename | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[7].covid19vaccine     | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[7].numEmpVacc         | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[7].numLIPVacc         | -                        | -         | -                   | Placeholder for additional vaccine                                     |
| vacC19VOs[7].numVolVacc         | -                        | -         |                     | Placeholder for additional vaccine                                     |
| vacC19VOs[7].numOCPVacc         | -                        | -         |                     | Placeholder for additional vaccine                                     |
| vacC19VOs[8].covid19vaccinename | Conditionally Required   | PFIZBION  | _                   | COVID-19 Vaccine Name (PFIZBION –<br>Pfizer-BioNTech COVID-19 vaccine) |
|                                 | Required if reporting    |           |                     | · · · · ·  |
|                                 | additional primary or    |           |                     |  |
|                                 | booster dose of Pfizer-  |           |                     |  |
|                                 | BioNTech COVID-19        |           |                     |  |
|                                 | vaccine                  |           |                     |  |
| vacC19VOs[8].covid19vaccine     | Conditionally Required   | PFIZBION3 | -                   | COVID-19 Vaccine - PFIZBION (additional                                |
|                                 | Required if reporting    |           |                     | primary or booster dose of Pfizer-<br>BioNTech COVID-19 vaccine)       |
|                                 | additional primary or    |           |                     | BIONTECH COVID-13 Vaccille)  |
|                                 | booster dose of Pfizer-  |           |                     |  |
|                                 | BioNTech COVID-19        |           |                     |  |
|                                 | vaccine                  |           |                     |  |

| Field                   | Requirement   | Values  | Format <sup>†</sup>          | Description of Field  |
|-------------------------|---|---|------------------------------|---|
| vacC19VOs[8].numEmpVacc | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Pfizer-<br>BioNTech COVID-19<br>vaccine | Sum of (vacC19VOs[1].numempvacc +<br>vacC19VOs[3].numempvacc + vacC19VOs[4].numempvacc +<br>vacC19VOs[5].numempvacc) must be >= sum of<br>(vacC19VOs[8].numempvacc + vacC19VOs[9].numempvacc<br>+ vacC19VOs[10].numempvacc +<br>vacC19VOs[11].numempvacc) | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>with complete primary vaccine series<br>who have received an additional<br>primary or booster dose of Pfizer-<br>BioNTech COVID-19 vaccine                               |
| vacC19VOs[8].numLIPVacc | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Pfizer-<br>BioNTech COVID-19<br>vaccine | Sum of (vacC19VOs[1].numLIPvacc +<br>vacC19VOs[3].numLIPvacc + vacC19VOs[4].numLIPvacc +<br>vacC19VOs[5].numLIPvacc) must be >= sum of<br>(vacC19VOs[8].numLIPvacc + vacC19VOs[9].numLIPvacc +<br>vacC19VOs[10].numLIPvacc + vacC19VOs[11].numLIPvacc)    | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of Pfizer-BioNTech COVID-<br>19 vaccine   |
| vacC19VOs[8].numVolVacc | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Pfizer-<br>BioNTech COVID-19<br>vaccine | Sum of (vacC19VOs[1].numVolvacc +<br>vacC19VOs[3].numVolvacc + vacC19VOs[4].numVolvacc +<br>vacC19VOs[5].numVolvacc) must be >= sum of<br>(vacC19VOs[8].numVolvacc + vacC19VOs[9].numVolvacc +<br>vacC19VOs[10].numVolvacc + vacC19VOs[11].numVolvacc)    | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of Pfizer-BioNTech COVID-<br>19 vaccine |
| vacC19VOs[8].numOCPVacc | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Pfizer-<br>BioNTech COVID-19<br>vaccine | Sum of (vacC19VOs[1].numOCPvacc +<br>vacC19VOs[3].numOCPvacc + vacC19VOs[4].numOCPvacc +<br>vacC19VOs[5].numOCPvacc) must be >= sum of<br>(vacC19VOs[8].numOCPvacc + vacC19VOs[9].numOCPvacc +<br>vacC19VOs[10].numOCPvacc +<br>vacC19VOs[11].numOCPvacc) | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel with complete primary<br>vaccine series who have received an<br>additional primary or booster dose of<br>Pfizer-BioNTech COVID-19 vaccine                    |

Field Requirement Values Format<sup>+</sup> Description of Field vacC19VOs[9].covid19vaccinename **Conditionally Required** MODFRNA COVID-19 Vaccine Name (MODERNA COVID-19 vaccine) Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine vacC19VOs[9].covid19vaccine MODERNA3 COVID-19 Vaccine (MODERNA – Conditionally Required additional primary or booster dose of Required if reporting MODERNA COVID-19 vaccine) additional primary or booster dose of Moderna COVID-19 vaccine vacC19VOs[9].numEmpVacc **Conditionally Required** Sum of (vacC19VOs[1].numempvacc + Must be a Cumulative number of employee HCP vacC19VOs[3].numempvacc + vacC19VOs[4].numempvacc + whole with complete primary vaccine series Required if reporting vacC19VOs[5].numempvacc) must be >= sum of who have received an additional number additional primary or (vacC19VOs[8].numempvacc + vacC19VOs[9].numempvacc primary or booster dose of Moderna booster dose of Moderna + vacC19VOs[10].numempvacc + COVID-19 vaccine COVID-19 vaccine vacC19VOs[11].numempvacc) vacC19VOs[9].numLIPVacc Conditionally Required Sum of (vacC19VOs[1].numLIPvacc + Must be a Cumulative number of licensed vacC19VOs[3].numLIPvacc + vacC19VOs[4].numLIPvacc + whole independent practitioner HCP with Required if reporting vacC19VOs[5].numLIPvacc) must be >= sum of number complete primary vaccine series who (vacC19VOs[8].numLIPvacc + vacC19VOs[9].numLIPvacc + additional primary or have received an additional primary or booster dose of Moderna vacC19VOs[10].numLIPvacc + vacC19VOs[11].numLIPvacc) booster dose of Moderna COVID-19 COVID-19 vaccine vaccine vacC19VOs[9].numVolVacc Cumulative number of adult Conditionally Required Sum of (vacC19VOs[1].numVolvacc + Must be a vacC19VOs[3].numVolvacc + vacC19VOs[4].numVolvacc + whole student/trainee and volunteer HCP with Required if reporting vacC19VOs[5].numVolvacc) must be >= sum of number complete primary vaccine series who additional primary or (vacC19VOs[8].numVolvacc + vacC19VOs[9].numVolvacc + have received an additional primary or booster dose of Moderna vacC19VOs[10].numVolvacc + vacC19VOs[11].numVolvacc) booster dose of Moderna COVID-19 COVID-19 vaccine vaccine

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| Field                            | Requirement   | Values  | Format <sup>+</sup>          | Description of Field   |
|----------------------------------|---|---|------------------------------|--|
| vacC19VOs[9].numOCPVacc          | Required if reporting<br>additional primary or<br>booster dose of Moderna   | Sum of (vacC19VOs[1].numOCPvacc +<br>vacC19VOs[3].numOCPvacc + vacC19VOs[4].numOCPvacc +<br>vacC19VOs[5].numOCPvacc) must be >= sum of<br>(vacC19VOs[8].numOCPvacc + vacC19VOs[9].numOCPvacc +<br>vacC19VOs[10].numOCPvacc +<br>vacC19VOs[11].numOCPvacc) | Must be a<br>whole<br>number | Cumulative number of other contract<br>personnel HCP with complete primary<br>vaccine series who have received an<br>additional primary or booster dose of<br>Moderna COVID-19 vaccine             |
| vacC19VOs[10].covid19vaccinename | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Janssen<br>COVID-19 vaccine | JANSSEN   | _                            | COVID-19 Vaccine Name (JANSSEN<br>COVID-19 vaccine)  |
| vacC19VOs[10].covid19vaccine     | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Janssen<br>COVID-19 vaccine | JANSSEN2  | _                            | COVID-19 Vaccine (JANSSEN – additional<br>primary or booster dose of JANSSEN<br>COVID-19 vaccine)  |
| vacC19VOs[10].numEmpVacc         | Required if reporting<br>additional primary or<br>booster dose of Janssen   | Sum of (vacC19VOs[1].numempvacc +<br>vacC19VOs[3].numempvacc + vacC19VOs[4].numempvacc +<br>vacC19VOs[5].numempvacc) must be >= sum of<br>(vacC19VOs[8].numempvacc + vacC19VOs[9].numempvacc<br>+ vacC19VOs[10].numempvacc +<br>vacC19VOs[11].numempvacc) | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>with complete primary vaccine series<br>who have received an additional<br>primary or booster dose of Janssen<br>COVID-19 vaccine                             |
| vacC19VOs[10].numLIPVacc         | Required if reporting additional primary or   | Sum of (vacC19VOs[1].numLIPvacc +<br>vacC19VOs[3].numLIPvacc + vacC19VOs[4].numLIPvacc +<br>vacC19VOs[5].numLIPvacc) must be >= sum of<br>(vacC19VOs[8].numLIPvacc + vacC19VOs[9].numLIPvacc +<br>vacC19VOs[10].numLIPvacc + vacC19VOs[11].numLIPvacc)    | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of Janssen COVID-19<br>vaccine |

| Field                            | Requirement  | Values  | Format <sup>†</sup>          | Description of Field   |
|----------------------------------|--|---|------------------------------|--|
| vacC19VOs[10].numVolVacc         | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Janssen<br>COVID-19 vaccine            | Sum of (vacC19VOs[1].numVolvacc +<br>vacC19VOs[3].numVolvacc + vacC19VOs[4].numVolvacc +<br>vacC19VOs[5].numVolvacc) must be >= sum of<br>(vacC19VOs[8].numVolvacc + vacC19VOs[9].numVolvacc +<br>vacC19VOs[10].numVolvacc + vacC19VOs[11].numVolvacc)    | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of Janssen COVID-19<br>vaccine |
| vacC19VOs[10].numOCPVacc         | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of Janssen<br>COVID-19 vaccine            | Sum of (vacC19VOs[1].numOCPvacc +<br>vacC19VOs[3].numOCPvacc + vacC19VOs[4].numOCPvacc +<br>vacC19VOs[5].numOCPvacc) must be >= sum of<br>(vacC19VOs[8].numOCPvacc + vacC19VOs[9].numOCPvacc +<br>vacC19VOs[10].numOCPvacc +<br>vacC19VOs[11].numOCPvacc) | number                       | Cumulative number of other contract<br>personnel with complete primary<br>vaccine series who have received an<br>additional primary or booster dose of<br>Janssen COVID-19 vaccine                   |
| vacC19VOs[11].covid19vaccinename | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of vaccine of<br>unspecified manufacturer | UNSPECIFIED   | -                            | COVID-19 Vaccine Name (UNSPECIFIED -<br>unspecified manufacturer)  |
| vacC19VOs[11].covid19vaccine     | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of vaccine of<br>unspecified manufacturer |   | -                            | COVID-19 Vaccine (UNSPECIFIED –<br>additional primary or booster dose of<br>COVID-19 vaccine series: unspecified<br>manufacturer)  |
| vacC19VOs[11].numEmpVacc         | Conditionally Required<br>Required if reporting<br>additional primary or<br>booster dose of vaccine of                             | Sum of (vacC19VOs[1].numempvacc +<br>vacC19VOs[3].numempvacc + vacC19VOs[4].numempvacc +<br>vacC19VOs[5].numempvacc) must be >= sum of<br>(vacC19VOs[8].numempvacc + vacC19VOs[9].numempvacc<br>+ vacC19VOs[10].numempvacc +<br>vacC19VOs[11].numempvacc) | Must be a<br>whole<br>number | Cumulative number of employee HCP<br>with complete primary vaccine series<br>who have received an additional<br>primary or booster dose of COVID-19<br>vaccine: unspecified manufacturer             |

| Field                    | Requirement  | Values  | Format <sup>†</sup>          | Description of Field   |
|--------------------------|--|---|------------------------------|--|
| vacC19VOs[11].numLIPVacc | Required if reporting additional primary or                                  | Sum of (vacC19VOs[1].numLIPvacc +<br>vacC19VOs[3].numLIPvacc + vacC19VOs[4].numLIPvacc +<br>vacC19VOs[5].numLIPvacc) must be >= sum of<br>(vacC19VOs[8].numLIPvacc + vacC19VOs[9].numLIPvacc +<br>vacC19VOs[10].numLIPvacc + vacC19VOs[11].numLIPvacc)    | Must be a<br>whole<br>number | Cumulative number of licensed<br>independent practitioner HCP with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of COVID-19 vaccine:<br>unspecified manufacturer   |
| vacC19VOs[11].numVolVacc | Required if reporting additional primary or                                  | Sum of (vacC19VOs[1].numVolvacc +<br>vacC19VOs[3].numVolvacc + vacC19VOs[4].numVolvacc +<br>vacC19VOs[5].numVolvacc) must be >= sum of<br>(vacC19VOs[8].numVolvacc + vacC19VOs[9].numVolvacc +<br>vacC19VOs[10].numVolvacc + vacC19VOs[11].numVolvacc)    | Must be a<br>whole<br>number | Cumulative number of adult<br>student/trainee and volunteer HCP with<br>complete primary vaccine series who<br>have received an additional primary or<br>booster dose of COVID-19 vaccine:<br>unspecified manufacturer |
| vacC19VOs[11].numOCPVacc | Required if reporting<br>additional primary or<br>booster dose of vaccine of | Sum of (vacC19VOs[1].numOCPvacc +<br>vacC19VOs[3].numOCPvacc + vacC19VOs[4].numOCPvacc +<br>vacC19VOs[5].numOCPvacc) must be >= sum of<br>(vacC19VOs[8].numOCPvacc + vacC19VOs[9].numOCPvacc +<br>vacC19VOs[10].numOCPvacc +<br>vacC19VOs[11].numOCPvacc) | number                       | Cumulative number of other contract<br>personnel HCP with complete primary<br>vaccine series who have received an<br>additional primary or booster dose of<br>COVID-19 vaccine: unspecified<br>manufacturer            |