NHSN Healthcare Personnel COVID-19 Vaccination Module: Groups and Supergroups - Viewing and Uploading COVID-19 Vaccination Reporting Pathway .CSV Data Files
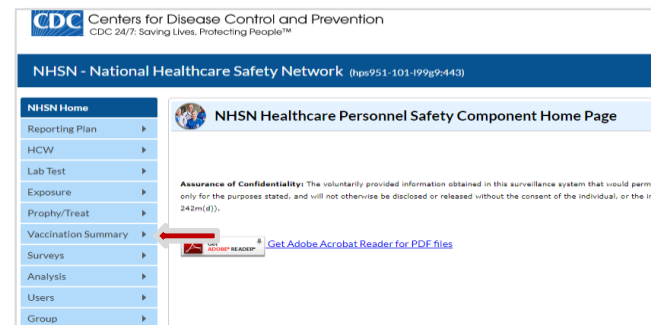
Description

As part of CDC's ongoing COVID-19 response, facilities enrolled in the National Healthcare Safety Network (NHSN) Healthcare Personnel Safety (HPS) Component have the ability to report healthcare personnel (HCP) COVID-19 vaccination data through the HPS Component. Group and supergroup users can import data on behalf of their member facilities who report through the NHSN HCP COVID-19 Vaccination 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 HCP COVID-19 Vaccination Module.

Please note that a facility should decide which of the groups that it has granted access to NHSN for the purpose of viewing their data will upload their data as these same groups will also have access to upload data on their behalf using the .CSV bulk upload process. 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 looking to upload their data by working directly with a vendor will need to work with the vendor directly to provide their 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 please submit an inquiry to NHSN@cdc.gov with the title "Vendor Support for NHSN COVID-19 HCP Vaccination 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 here, but all functionality related to COVID-19 data reporting is the same.

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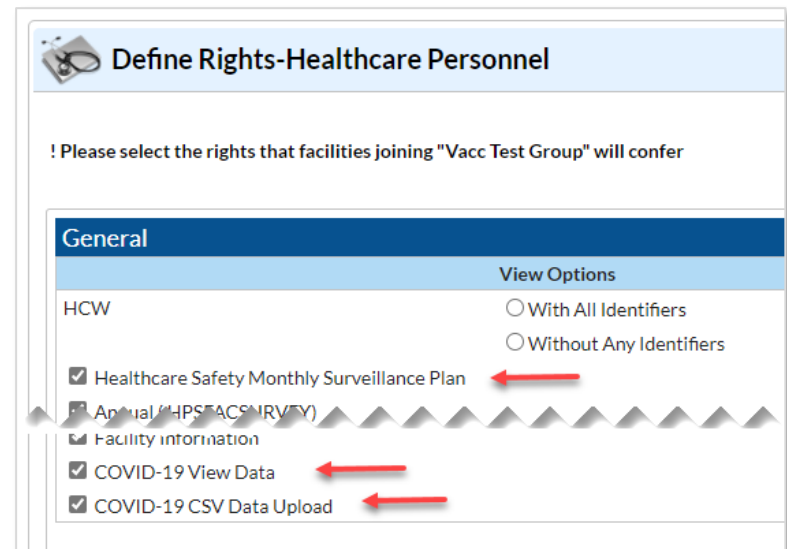Viewing and Uploading COVID-19 Vaccination Reporting Pathway .CSV Data Files

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.
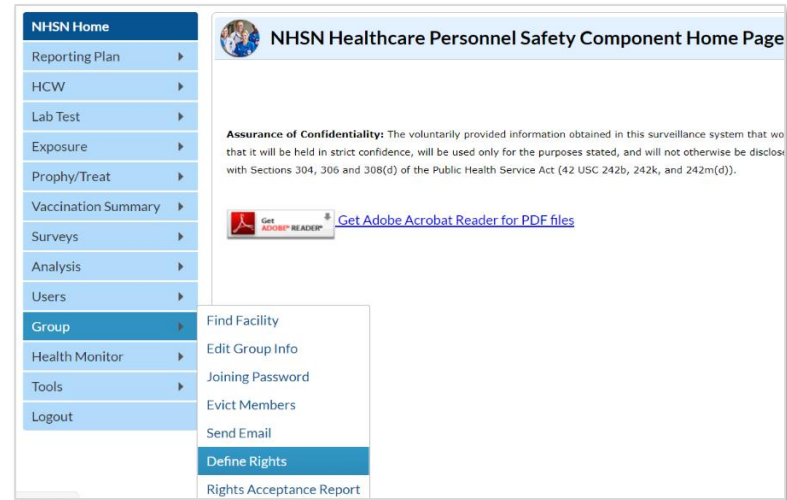
2. **Group** – After selecting Define Rights, the Define Rights for the component will be displayed. Under General, there are new Rights for COVID-19 vaccination data. The new Rights allow viewing of COVID-19 Vaccination Module summary data for facilities that are a part of the group. Check "COVID-19 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 "Healthcare Safety Monthly Surveillance 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.

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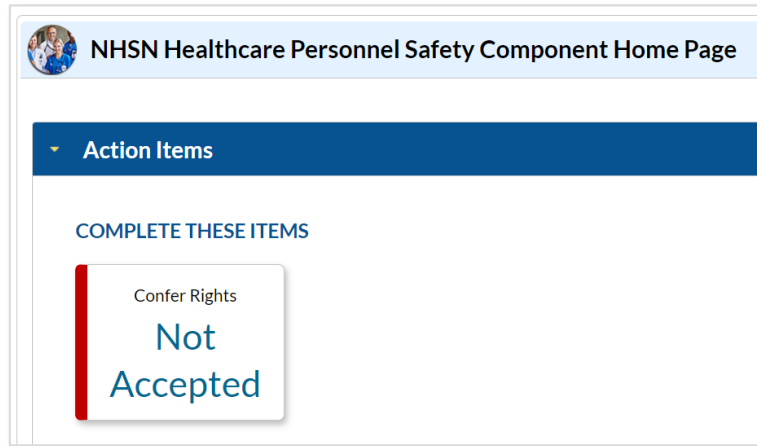
4. **Group** – The **Facility** will see a Confer Rights Not Accepted List. From the list, select the group for which the facility would like to view the new Defined Rights.

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5. **Group** –The group will have added defined COVID-19 Rights if there is a check in the boxes next to "COVID-19 View Data" and "COVID-19 CSV Data Upload." The group will have added defined Rights for monthly reporting plan data if the box next to "Healthcare Safety Monthly Surveillance 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.

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

1. **Group/Supergroup** – Select "Vaccination Summary" from the menu bar to get to the "COVID-19 Weekly Vaccination Summary" page.
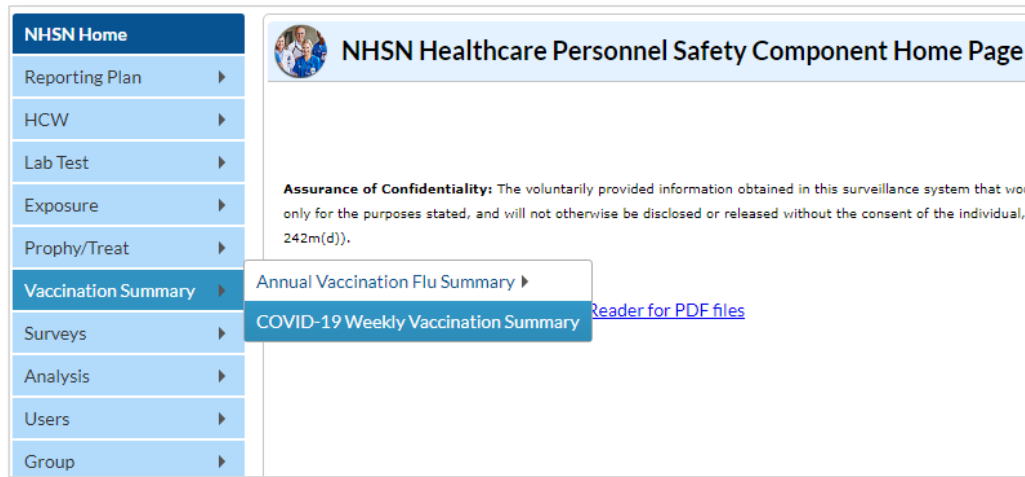
A list of facilities in your group or supergroup that have vaccination data by month will be displayed.
Select the Facility ID/Month to view the data for that month. (All data in screenshots for illustration only.)

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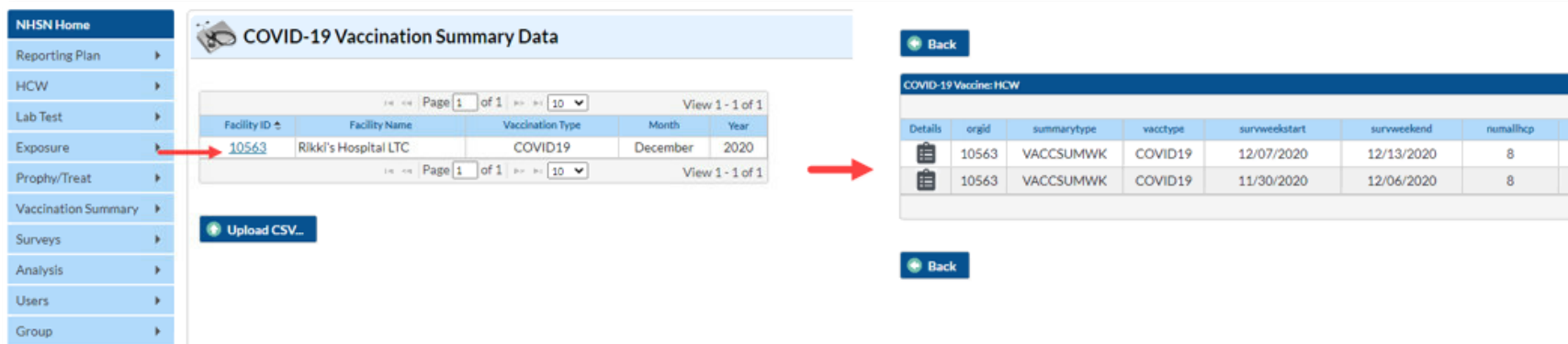
2. **Download Template –** The .CSV template for COVID-19 Weekly Vaccination Summary Data for Healthcare Personnel can be found at the NHSN Weekly HCP COVID-19 Vaccination webpage: https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html.

CSV Data Import

Uploading Group COVID-19 .CSV Data Files (10.1.1) 📄 [PDF – 1 MB] – February 2022

Uploading Group COVID-19 .CSV Data Files (10.0) 📄 [PDF – 1 MB] – September 2021

Uploading Group COVID-19 .CSV Data Files (Pre 10.0) 📄 [PDF – 1 MB] – August 2021

Healthcare Personnel COVID-19 Vaccination Data

- CSV File Template (10.1.1) 📊 [CSV – 3 KB] – February 2022

- Example CSV File (10.1.1) 📊 [CSV – 3 KB] – February 2022

- CSV File Template (10.0) 📊 [CSV – 2 KB] – September 2021

- Example CSV File (10.0) 📊 [CSV – 3 KB] – September 2021

- CSV File Template (Pre 10.0) 📊 [CSV – 2 KB] – August 2021

- Example CSV File (Pre 10.0) 📊 [CSV – 4 KB] – August 2021

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3. **Enter Data** – Using the provided.CSV template for 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 template, refer to the table at end of this document ("Table 1: NHSN Non-Long-Term Care Facility Staff COVID-19 Vaccination Data Import File Format"). An example .CSV file that includes test data in required fields is available for download from the NHSN Weekly HCP COVID-19 Vaccination webpage: https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html.

CSV Data Import

Uploading Group COVID-19 .CSV Data Files (10.1.1) 📄 [PDF – 1 MB] – February 2022

Uploading Group COVID-19 .CSV Data Files (10.0) 📄 [PDF – 1 MB] – September 2021

Uploading Group COVID-19 .CSV Data Files (Pre 10.0) 📄 [PDF – 1 MB] – August 2021

Healthcare Personnel COVID-19 Vaccination Data

- CSV File Template (10.1.1) 📊 [CSV – 3 KB] – February 2022

- Example CSV File (10.1.1) 📊 [CSV – 3 KB] – February 2022

- CSV File Template (10.0) 📊 [CSV – 2 KB] – September 2021

- Example CSV File (10.0) 📊 [CSV – 3 KB] – September 2021

- CSV File Template (Pre 10.0) 📊 [CSV – 2 KB] – August 2021

- Example CSV File (Pre 10.0) 📊 [CSV – 4 KB] – August 2021

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4. **Upload CSV** – To upload the completed .CSV file in NHSN, select "Vaccination Summary" from the menu bar. Then, select "COVID-19 Weekly Vaccination Summary". 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 and then click "Upload CSV" to begin the import.

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5. **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 was added to view the record.
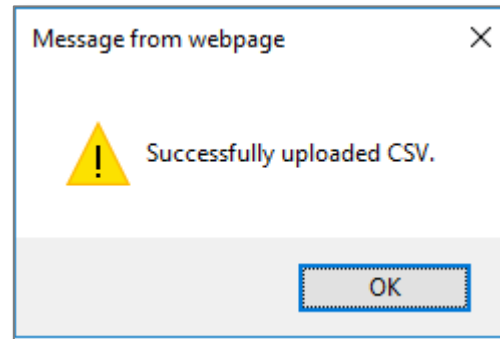
If errors are found during upload, please review the alerts and refer to the table at end of this document ("Table 1: NHSN Non-Long-Term Care Facility Staff COVID-19 Vaccination Data Import File Format") for complete information on the variables included on the .CSV template. Questions can be submitted to NHSN@CDC.GOV with "Weekly COVID-19 Reporting CSV upload" in the subject line.

6. **View and Export Line List Data Reports** – Users are encouraged 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. For more information, view the Quick Reference Guide on how to modify and export line lists available under the "Resources" section of NHSN's Weekly HCP COVID-19 Vaccination webpage: https://www.cdc.gov/nhsn/hps/weekly-covid-vac/index.html.

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Group - Importing via .csv file - *COVID-19 Weekly HCP Vaccination Summary Non-LTC Staff* - HPS Component - NHSN release 10.1.1 (February 2022)

Table 1: NHSN Non-Long-Term Care Facility Staff COVID-19 Vaccination Data Import File Format

Field	Requirement	Values	Format†	Description of Field
orgid	**Required**	_	_	Must be a valid NHSN Facility ID (organization identifier)
summarytype	**Required**	VACCSUMWK	_	Summary Type
vacctype	**Required**	COVID19	_	Vaccination Type
vaccLoc	Conditionally Required Required if vaccType = COVID19 and survWeekEnd >=10/03/2021	VACCHOSP VACCIPF VACCIRF	_	Vaccination location type VACCHOSP – For data reported for all non-LTC facility types, including acute care facilities and dialysis facilities. This includes all inpatient and outpatient units/departments of the acute care facility sharing the same CCN as the acute care facility. Free-standing in-patient psychiatric facilities or free-standing in-patient rehabilitation facilities should also use VACCHOSP. VACCIPF – For data reported by acute care facility for an inpatient psychiatric unit, **as indicated in the monthly reporting plan**. This selection is only available for acute care facilities reporting data for IPF units with a different CCN from the acute care facility. VACCIRF - for data reported by acute care facility for an inpatient rehabilitation unit, **as indicated in the monthly reporting plan**. This selection is only available for acute care facilities reporting data for IRF units with a separate CCN from the acute care facility.

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Field	Requirement	Values	Format†	Description of Field
survweekstart	**Required**	MM/DD/YYYY (**Monday** through Sunday reporting)	_	Week of data collection, start date (date must be a Monday; must be no later than current date)
survweekend	**Required**	MM/DD/YYYY (Monday through **Sunday** reporting)	_	Week of data collection, end date (date must be a Sunday; must be no later than current date)
numEmpHCP	**Required**	Must be = sum of (hpsvc19vaccVOs[0].numEmpVacc + hpsvc19vaccVOs[1].numEmpVacc + hpsvc19vaccVOs[2].numEmpVacc + hpsvc19vaccVOs[3].numEmpVacc + hpsvc19vaccVOs[4].numEmpVacc + hpsvc19vaccVOs[5].numEmpVacc) + numEmpMed + numEmpDec + numEmpUnk AND Sum of numEmpHCP, numLIPHCP, numVolHCP, and numOCPHCP must be <= 50,000	Must be a whole number	Number of employee HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection

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Field	Requirement	Values	Format[†]	Description of Field
numLIPHCP	**Required**	Must be = sum of (hpsvc19vaccVOs[0].numLIPVacc + hpsvc19vaccVOs[1].numLIPVacc + hpsvc19vaccVOs[2].numLIPVacc + hpsvc19vaccVOs[3].numLIPVacc + hpsvc19vaccVOs[4].numLIPVacc + hpsvc19vaccVOs[5].numLIPVacc)+ numLIPMed + numLIPDec + numLIPUnk) AND Sum of numEmpHCP, numLIPHCP, numVolHCP, and numOCPHCP must be <= 50,000	Must be a whole number	Number of licensed independent practitioner HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection
numVolHCP	**Required**	Must be = sum of (hpsvc19vaccVOs[0].numVolVacc + hpsvc19vaccVOs[1].numVolVacc + hpsvc19vaccVOs[2].numVolVacc + hpsvc19vaccVOs[3].numVolVacc + hpsvc19vaccVOs[4].numVolVacc + hpsvc19vaccVOs[5].numVolVacc)+ numVolMed + numVolDec + numVolUnk) AND Sum of numEmpHCP, numLIPHCP, numVolHCP, and numOCPHCP must be <= 50,000	Must be a whole number	Number of adult student/trainee and volunteer HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection

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Field	Requirement	Values	Format[†]	Description of Field
numOCPHCP	**Required**	Must be = sum of (hpsvc19vaccVOs[0].numOCPVacc + hpsvc19vaccVOs[1].numOCPVacc + hpsvc19vaccVOs[2].numOCPVacc + hpsvc19vaccVOs[3].numOCPVacc + hpsvc19vaccVOs[4].numOCPVacc + hpsvc19vaccVOs[5].numOCPVacc)+ numOCPMed + numOCPDec + numOCPUnk) AND Sum of numEmpHCP, numLIPHCP, numVolHCP, and numOCPHCP must be <= 50,000	Must be a whole number	Number of other contract personnel HCP that were eligible to have worked at this healthcare facility for at least 1 day during the week of data collection
numEmpMed	**Required**	Must be <= numEmpHCP	Must be a whole number	Cumulative number of employee HCP with a medical contraindication reason to not receive COVID-19 vaccine
numLIPMed	**Required**	Must be <= numLIPHCP	Must be a whole number	Cumulative number of licensed independent practitioner HCP with a medical contraindication reason to not receive COVID-19 vaccine
numVolMed	**Required**	Must be <= numVolHCP	Must be a whole number	Cumulative number of adult student/trainee & volunteer HCP with a medical contraindication reason to not receive COVID-19 vaccine
numOCPMed	**Required**	Must be <= numOCPHCP	Must be a whole number	Cumulative number of other contract personnel with a medical contraindication reason to not receive COVID-19 vaccine
numEmpDec	**Required**	Must be <= numEmpHCP	Must be a whole number	Cumulative number of employee HCP who were offered but declined COVID-19 vaccine
numLIPDec	**Required**	Must be <= numLIPHCP	Must be a whole number	Cumulative number of licensed independent practitioner HCP who were offered but declined COVID-19 vaccine

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Field	Requirement	Values	Format[†]	Description of Field
numVolDec	**Required**	Must be <= numVolHCP	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who were offered but declined COVID-19 vaccine
numOCPDec	**Required**	Must be <= numOCPHCP	Must be a whole number	Cumulative number of other contract personnel HCP who were offered but declined COVID-19 vaccine
numEmpUnk	**Required**	Must be <= numEmpHCP	Must be a whole number	Cumulative number of employee HCP with an unknown COVID-19 vaccination status
numLIPUnk	**Required**	Must be <= numLIPHCP	Must be a whole number	Cumulative number of licensed independent practitioner HCP with an unknown COVID-19 vaccination status
numVolUnk	**Required**	Must be <= numVolHCP	Must be a whole number	Cumulative number of adult student/trainee & volunteer HCP with an unknown COVID-19 vaccination status
numOCPUnk	**Required**	Must be <= numOCPHCP	Must be a whole number	Cumulative number of other contract personnel with an unknown COVID-19 vaccination status
vaccprovider	**Required**	Y for Yes N for No	_	Is your facility enrolled as a COVID-19 vaccination provider?
vaccsuffsupplyoffer	Conditionally Required Required if vaccProvider = Y	Y for Yes N for No	_	Did your facility have a sufficient supply of COVID-19 vaccine(s) to offer all staff the opportunity to receive COVID-19 vaccine(s) from your facility in the current reporting week?
vaccOthSuffSupplyoffer	Conditionally Required Required if vaccProvider = N or vaccSuffSupply = N	Y for Yes N for No	-	Did your facility have other arrangements sufficient to offer all staff the opportunity to receive COVID-19 vaccine(s) in the current reporting week?
vaccsupplyissue	Optional	-	Alpha numeric up to 200 characters	Describe any other COVID-19 vaccination supply-related issue(s) at your facility

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[0].covid19vaccinename	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	PFIZBION	-	COVID-19 Vaccine Name (PFIZBION – Pfizer-BioNTech COVID-19 vaccine)
hpsvc19vaccVOs[0].covid19vaccine	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	PFIZBION1	-	COVID-19 Vaccine – PFIZBION1 (only dose 1 of Pfizer-BioNTech COVID-19 vaccine)
hpsvc19vaccVOs[0].numEmpVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of employee HCP who have received only 1 dose of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[0].numLIPVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of licensed independent practitioner HCP who have received only 1 dose of Pfizer-BioNTech COVID-19 vaccine

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Field	Requirement	Values	Format[†]	Description of Field
hpsvc19vaccVOs[0].numVolVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who have received only 1 dose of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[0].numOCPVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of other contract personnel who have received only 1 dose of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[1].covid19vaccinename	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	PFIZBION	_	COVID-19 Vaccine Name (PFIZBION – Pfizer-BioNTech COVID-19 vaccine)
hpsvc19vaccVOs[1].covid19vaccine	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	PFIZBION	_	COVID-19 Vaccine - PFIZBION (dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine)

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[1].numEmpVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of employee HCP who have received dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[1].numLIPVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of licensed independent practitioner HCP who have received dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[1].numVolVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who have received dose 1 and dose 2 of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[1].numOCPVacc	Conditionally Required Required if reporting Pfizer-BioNTech COVID-19 vaccine	-	Must be a whole number	Cumulative number of other contract personnel who have received dose 1 and dose 2 Pfizer-BioNTech COVID-19 vaccine

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[2].covid19vaccinename	Conditionally Required Required if reporting Moderna COVID-19 vaccine	MODERNA	_	COVID-19 Vaccine Name (MODERNA COVID-19 vaccine)
hpsvc19vaccVOs[2].covid19vaccine	Conditionally Required Required if reporting Moderna COVID-19 vaccine	MODERNA1	_	COVID-19 Vaccine (MODERNA1 – only dose one of MODERNA COVID-19 vaccine)
hpsvc19vaccVOs[2].numEmpVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of employee HCP who have received only 1 dose of Moderna COVID-19 vaccine
hpsvc19vaccVOs[2].numLIPVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of licensed independent practitioner HCP who have received only 1 dose of Moderna COVID-19 vaccine

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[2].numVolVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who have received only 1 dose of Moderna COVID-19 vaccine
hpsvc19vaccVOs[2].numOCPVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of other contract personnel who have received only 1 dose of Moderna COVID-19 vaccine
hpsvc19vaccVOs[3].covid19vaccinename	Conditionally Required Required if reporting Moderna COVID-19 vaccine	MODERNA	_	COVID-19 Vaccine Name (MODERNA COVID-19 vaccine)
hpsvc19vaccVOs[3].covid19vaccine	Conditionally Required Required if reporting Moderna COVID-19 vaccine	MODERNA	_	COVID-19 Vaccine (MODERNA – dose 1 and dose 2 of MODERNA COVID-19 vaccine)

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Field	Requirement	Values	Format[†]	Description of Field
hpsvc19vaccVOs[3].numEmpVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of employee HCP who have received dose 1 and dose 2 of Moderna COVID-19 vaccine
hpsvc19vaccVOs[3].numLIPVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of licensed independent practitioner HCP who have received dose 1 and dose 2 of Moderna COVID-19 vaccine
hpsvc19vaccVOs[3].numVolVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who have received dose 1 and dose 2 of Moderna COVID-19 vaccine
hpsvc19vaccVOs[3].numOCPVacc	Conditionally Required Required if reporting Moderna COVID-19 vaccine	-	Must be a whole number	Cumulative number of other contract personnel HCP who have received dose 1 and dose 2 Moderna COVID-19 vaccine

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[4].covid19vaccinename *Note: JANSSEN can be reported starting 3/3/2021 and going forward*	Conditionally Required Required if reporting Janssen COVID-19 vaccine	JANSSEN	_	COVID-19 Vaccine Name (JANSSEN –Janssen COVID-19 vaccine)
hpsvc19vaccVOs[4].covid19vaccine *Note: JANSSEN can be reported starting 3/3/2021 and going forward*	Conditionally Required Required if reporting Janssen COVID-19 vaccine	JANSSEN	_	COVID-19 Vaccine (JANSSEN – one dose of Janssen COVID-19 vaccine)
hpsvc19vaccVOs[4].numEmpVacc	Conditionally Required Required if reporting Janssen COVID-19 vaccine	-	Must be a whole number	Cumulative number of employee HCP who have received one dose of Janssen COVID-19 vaccine
hpsvc19vaccVOs[4].numLIPVacc	Conditionally Required Required if reporting Janssen COVID-19 vaccine	-	Must be a whole number	Cumulative number of licensed independent practitioner HCP who have received one dose of Janssen COVID-19 vaccine
hpsvc19vaccVOs[4].numVolVacc	Conditionally Required	-	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who have received one dose of Janssen COVID-19 vaccine

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Field	Requirement	Values	Format†	Description of Field
	Required if reporting Janssen COVID-19 vaccine			
hpsvc19vaccVOs[4].numOCPVacc	Conditionally Required Required if reporting Janssen COVID-19 vaccine	-	Must be a whole number	Cumulative number of other contract personnel who have received one dose of Janssen COVID-19 vaccine
hpsvc19vaccVOs[5].covid19vaccinename *Note: UNSPECIFIED can be reported starting 3/3/2021 and going forward*	Conditionally Required Required if reporting COVID-19 vaccine of unspecified manufacturer	UNSPECIFIED	_	COVID-19 Vaccine Name (UNSPECIFIED –COVID-19 vaccine series: unspecified manufacturer)
hpsvc19vaccVOs[5].covid19vaccine *Note: UNSPECIFIED can be reported starting 3/3/2021 and going forward*	Conditionally Required Required if reporting COVID-19 vaccine of unspecified manufacturer	UNSPECIFIED	_	COVID-19 Vaccine (UNSPECIFIED – complete COVID-19 vaccine series: unspecified manufacturer)

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[5].numEmpVacc	Conditionally Required Required if reporting COVID-19 vaccine of unspecified manufacturer	-	Must be a whole number	Cumulative number of employee HCP who have received a complete primary COVID-19 vaccine series: unspecified manufacturer
hpsvc19vaccVOs[5].numLIPVacc	Conditionally Required Required if reporting COVID-19 vaccine of unspecified manufacturer	-	Must be a whole number	Cumulative number of licensed independent practitioner HCP who have received a complete primary COVID-19 vaccine series: unspecified manufacturer.
hpsvc19vaccVOs[5].numVolVacc	Conditionally Required Required if reporting COVID-19 vaccine of unspecified manufacturer	-	Must be a whole number	Cumulative number of adult student/trainee and volunteer HCP who have received a complete primary COVID-19 vaccine series: unspecified manufacturer

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[5].numOCPVacc	Conditionally Required Required if reporting COVID-19 vaccine of unspecified manufacturer	-	Must be a whole number	Cumulative number of other contract personnel HCP who have received a complete primary COVID-19 vaccine series: unspecified manufacturer
hpsvc19vaccVOs[6].covid19vaccinename	Conditionally Required Required if reporting additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine	PFIZBION	_	COVID-19 Vaccine Name (PFIZBION – Pfizer-BioNTech COVID-19 vaccine)
hpsvc19vaccVOs[6].covid19vaccine	Conditionally Required Required if reporting additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine	PFIZBION3	_	COVID-19 Vaccine - PFIZBION (additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine)

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[6].numEmpVacc	Conditionally Required Required if reporting additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numempvacc + hpsvc19vaccVOs[3].numempvacc + hpsvc19vaccVOs[4].numempvacc + hpsvc19vaccVOs[5].numempvacc) must be >= sum of (hpsvc19vaccVOs[6].numempvacc + hpsvc19vaccVOs[7].numempvacc + hpsvc19vaccVOs[8].numempvacc + hpsvc19vaccVOs[9].numempvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[6].numLIPVacc	Conditionally Required Required if reporting additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numLIPvacc + hpsvc19vaccVOs[3].numLIPvacc + hpsvc19vaccVOs[4].numLIPvacc + hpsvc19vaccVOs[5].numLIPvacc) must be >= sum of (hpsvc19vaccVOs[6].numLIPvacc + hpsvc19vaccVOs[7].numLIPvacc + hpsvc19vaccVOs[8].numLIPvacc + hpsvc19vaccVOs[9].numLIPvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[6].numVolVacc	Conditionally Required Required if reporting additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numVolvacc + hpsvc19vaccVOs[3].numVolvacc + hpsvc19vaccVOs[4].numVolvacc + hpsvc19vaccVOs[5].numVolvacc) must be >= sum of (hpsvc19vaccVOs[6].numVolvacc + hpsvc19vaccVOs[7].numVolvacc + hpsvc19vaccVOs[8].numVolvacc + hpsvc19vaccVOs[9].numVolvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine

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Field	Requirement	Values	Format[†]	Description of Field
hpsvc19vaccVOs[6].numOCPVacc	Conditionally Required Required if reporting additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numOCPvacc + hpsvc19vaccVOs[3].numOCPvacc + hpsvc19vaccVOs[4].numOCPvacc + hpsvc19vaccVOs[5].numOCPvacc) must be >= sum of (hpsvc19vaccVOs[6].numOCPvacc + hpsvc19vaccVOs[7].numOCPvacc + hpsvc19vaccVOs[8].numOCPvacc + hpsvc19vaccVOs[9].numOCPvacc	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Pfizer-BioNTech COVID-19 vaccine
hpsvc19vaccVOs[7].covid19vaccinename	Conditionally Required Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine	MODERNA	_	COVID-19 Vaccine Name (MODERNA COVID-19 vaccine)
hpsvc19vaccVOs[7].covid19vaccine	Conditionally Required Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine	MODERNA3	_	COVID-19 Vaccine (MODERNA – additional primary or booster dose of MODERNA COVID-19 vaccine)

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[7].numEmpVacc	Conditionally Required Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numempvacc + hpsvc19vaccVOs[3].numempvacc + hpsvc19vaccVOs[4].numempvacc + hpsvc19vaccVOs[5].numempvacc) must be >= sum of (hpsvc19vaccVOs[6].numempvacc + hpsvc19vaccVOs[7].numempvacc + hpsvc19vaccVOs[8].numempvacc + hpsvc19vaccVOs[9].numempvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Moderna COVID-19 vaccine
hpsvc19vaccVOs[7].numLIPVacc	Conditionally Required Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numLIPvacc + hpsvc19vaccVOs[3].numLIPvacc + hpsvc19vaccVOs[4].numLIPvacc + hpsvc19vaccVOs[5].numLIPvacc) must be >= sum of (hpsvc19vaccVOs[6].numLIPvacc + hpsvc19vaccVOs[7].numLIPvacc + hpsvc19vaccVOs[8].numLIPvacc + hpsvc19vaccVOs[9].numLIPvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Moderna COVID-19 vaccine
hpsvc19vaccVOs[7].numVolVacc	Conditionally Required Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numVolvacc + hpsvc19vaccVOs[3].numVolvacc + hpsvc19vaccVOs[4].numVolvacc + hpsvc19vaccVOs[5].numVolvacc) must be >= sum of (hpsvc19vaccVOs[6].numVolvacc + hpsvc19vaccVOs[7].numVolvacc + hpsvc19vaccVOs[8].numVolvacc + hpsvc19vaccVOs[9].numVolvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Moderna COVID-19 vaccine

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[7].numOCPVacc	Conditionally Required Required if reporting additional primary or booster dose of Moderna COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numOCPvacc + hpsvc19vaccVOs[3].numOCPvacc + hpsvc19vaccVOs[4].numOCPvacc + hpsvc19vaccVOs[5].numOCPvacc) must be >= sum of (hpsvc19vaccVOs[6].numOCPvacc + hpsvc19vaccVOs[7].numOCPvacc + hpsvc19vaccVOs[8].numOCPvacc + hpsvc19vaccVOs[9].numOCPvacc	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Moderna COVID-19 vaccine
hpsvc19vaccVOs[8].covid19vaccinename	Conditionally Required Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine	JANSSEN	_	COVID-19 Vaccine Name (JANSSEN COVID-19 vaccine)
hpsvc19vaccVOs[8].covid19vaccine	Conditionally Required Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine	JANSSEN2	_	COVID-19 Vaccine (JANSSEN – additional primary or booster dose of JANSSEN COVID-19 vaccine)

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[8].numEmpVacc	Conditionally Required Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numempvacc + hpsvc19vaccVOs[3].numempvacc + hpsvc19vaccVOs[4].numempvacc + hpsvc19vaccVOs[5].numempvacc) must be >= sum of (hpsvc19vaccVOs[6].numempvacc + hpsvc19vaccVOs[7].numempvacc + hpsvc19vaccVOs[8].numempvacc + hpsvc19vaccVOs[9].numempvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Janssen COVID-19 vaccine
hpsvc19vaccVOs[8].numLIPVacc	Conditionally Required Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numLIPvacc + hpsvc19vaccVOs[3].numLIPvacc + hpsvc19vaccVOs[4].numLIPvacc + hpsvc19vaccVOs[5].numLIPvacc) must be >= sum of (hpsvc19vaccVOs[6].numLIPvacc + hpsvc19vaccVOs[7].numLIPvacc + hpsvc19vaccVOs[8].numLIPvacc + hpsvc19vaccVOs[9].numLIPvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Janssen COVID-19 vaccine
hpsvc19vaccVOs[8].numVolVacc	Conditionally Required Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numVolvacc + hpsvc19vaccVOs[3].numVolvacc + hpsvc19vaccVOs[4].numVolvacc + hpsvc19vaccVOs[5].numVolvacc) must be >= sum of (hpsvc19vaccVOs[6].numVolvacc + hpsvc19vaccVOs[7].numVolvacc + hpsvc19vaccVOs[8].numVolvacc + hpsvc19vaccVOs[9].numVolvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Janssen COVID-19 vaccine

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[8].numOCPVacc	Conditionally Required Required if reporting additional primary or booster dose of Janssen COVID-19 vaccine	Sum of (hpsvc19vaccVOs[1].numOCPvacc + hpsvc19vaccVOs[3].numOCPvacc + hpsvc19vaccVOs[4].numOCPvacc + hpsvc19vaccVOs[5].numOCPvacc) must be >= sum of (hpsvc19vaccVOs[6].numOCPvacc + hpsvc19vaccVOs[7].numOCPvacc + hpsvc19vaccVOs[8].numOCPvacc + hpsvc19vaccVOs[9].numOCPvacc	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of Janssen COVID-19 vaccine
hpsvc19vaccVOs[9].covid19vaccinename	Conditionally Required Required if reporting additional primary or booster dose of vaccine of unspecified manufacturer	UNSPECIFIED	_	COVID-19 Vaccine Name (UNSPECIFIED - unspecified manufacturer)
hpsvc19vaccVOs[9].covid19vaccine	Conditionally Required Required if reporting additional primary or booster dose of vaccine of unspecified manufacturer	UNSPECIFIED2	_	COVID-19 Vaccine (UNSPECIFIED – additional primary or booster dose of COVID-19 vaccine series: unspecified manufacturer)

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Field	Requirement	Values	Format†	Description of Field
hpsvc19vaccVOs[9].numEmpVacc	Conditionally Required Required if reporting additional primary or booster dose of vaccine of unspecified manufacturer	Sum of (hpsvc19vaccVOs[1].numempvacc + hpsvc19vaccVOs[3].numempvacc + hpsvc19vaccVOs[4].numempvacc + hpsvc19vaccVOs[5].numempvacc) must be >= sum of (hpsvc19vaccVOs[6].numempvacc + hpsvc19vaccVOs[7].numempvacc + hpsvc19vaccVOs[8].numempvacc + hpsvc19vaccVOs[9].numempvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of COVID-19 vaccine: unspecified manufacturer
hpsvc19vaccVOs[9].numLIPVacc	Conditionally Required Required if reporting additional primary or booster dose of vaccine of unspecified manufacturer	Sum of (hpsvc19vaccVOs[1].numLIPvacc + hpsvc19vaccVOs[3].numLIPvacc + hpsvc19vaccVOs[4].numLIPvacc + hpsvc19vaccVOs[5].numLIPvacc) must be >= sum of (hpsvc19vaccVOs[6].numLIPvacc + hpsvc19vaccVOs[7].numLIPvacc + hpsvc19vaccVOs[8].numLIPvacc + hpsvc19vaccVOs[9].numLIPvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of COVID-19 vaccine: unspecified manufacturer
hpsvc19vaccVOs[9].numVolVacc	Conditionally Required Required if reporting additional primary or booster dose of vaccine of unspecified manufacturer	Sum of (hpsvc19vaccVOs[1].numVolvacc + hpsvc19vaccVOs[3].numVolvacc + hpsvc19vaccVOs[4].numVolvacc + hpsvc19vaccVOs[5].numVolvacc) must be >= sum of (hpsvc19vaccVOs[6].numVolvacc + hpsvc19vaccVOs[7].numVolvacc + hpsvc19vaccVOs[8].numVolvacc + hpsvc19vaccVOs[9].numVolvacc)	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of COVID-19 vaccine: unspecified manufacturer

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Field	Requirement	Values	Format[†]	Description of Field
hpsvc19vaccVOs[9].numOCPVacc	Conditionally Required Required if reporting additional primary or booster dose of vaccine of unspecified manufacturer	Sum of (hpsvc19vaccVOs[1].numOCPvacc + hpsvc19vaccVOs[3].numOCPvacc + hpsvc19vaccVOs[4].numOCPvacc + hpsvc19vaccVOs[5].numOCPvacc) must be >= sum of (hpsvc19vaccVOs[6].numOCPvacc + hpsvc19vaccVOs[7].numOCPvacc + hpsvc19vaccVOs[8].numOCPvacc + hpsvc19vaccVOs[9].numOCPvacc	Must be a whole number	Cumulative number of employee HCP with complete primary vaccine series who have received an additional primary or booster dose of COVID-19 vaccine: unspecified manufacturer