**57.221 Healthcare Personnel COVID-19 Person Level Vaccination-Long-Term Care Component (CSV)**

Please refer to the tables below for complete information on the variables included in CSV upload for Person-Level COVID-19 Vaccination Forms for Residents and Healthcare Personnel (Long-term Care Facility Component). Variables are listed on pages 17-28 for this measure. These are updated as of April 2024. Please note that if a field name has a parenthetical value, this is an alias and upload with *either* the field name *or* its alias will result in successful file transmission.

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| **Importing via .csv file Person-Level COVID-19 Vaccination Form- Residents - LTC Component** | | | | |
| Table 1: NHSN Person-LevelCOVID-19 Vaccination Form- Residents Import File Format | | | | |
| **Field (alias, applicable)** | **Requirement** | **Values** | **Format** | **Description of Field** |
| orgID | Required | - | must be a whole number | Must be a valid NHSN Facility ID (organization identifier) |
| resID | Required | - | Character (15) | Resident identifier - a unique identifier for the individual, assigned by your facility |
| dob | Required | MM/DD/YYYY | Datetime | Resident Date of Birth |
| Resgender | Required for all records beginning 10/24/2022 | F  M  O | Character (1) | Resident Gender  F – Female  M – Male  O – Other/Unknown |
| resethnicity | Required for all records beginning 10/24/2022 | HISP  NOHISP  DEC  UNK | Character (6) | Resident Ethnicity  HISP – Hispanic or Latino  NOHISP – Not Hispanic or Latino  DEC – Declined to respond  UNK – Unknown |
| resrace | Required for all records beginning 10/24/2022 | AMIN  ASIAN  AAB  NH-PI  WHITE  DEC  UNK | Character | Resident Race: AMIN – American Indian/Alaskan native ASIAN – Asian  AAB – Black or African American  NH-PI Native Hawaiian/Other Pacific Islander  WHITE – White  DEC – Declined to respond  UNK- Unknown |
| resAdmitDate | Required | MM/DD/YYYY | Datetime | Resident Admit Date |
| resDischDate | Conditionally required | MM/DD/YYYY  Must be >= resAdmitDate | Datetime | Resident Discharge Date |
| resGName | Required | - | Character (30) | Resident First Name |
| resSurname | Required | - | Character (30) | Resident Last Name |
| dose1Date | Conditionally required (each record must contain At least ONE status- This means each record must be classified into at least one of the main categories, such as having at least one vaccine entered, contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Dose 1 vaccination date |
| dose1Mfg | Conditionally required if Dose1Date provided.  If dose1Mfg = Janssen, then enter subsequent doses beginning with the dose 3 fields.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 4/20/2023 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine can only be selected if corresponding dose date is on or before 4/19/2023.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022.  Janssen COVID-19 vaccine can only be selected if corresponding dose date is before 6/26/2023. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Dose 1 vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| dose2Date | Conditionally required. | MM/DD/YYYY  Must be > Dose1Date | Datetime | Dose 2 vaccination date |
| dose2Mfg | Conditionally required if Dose2Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 4/20/2023 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine can only be selected if corresponding dose date is on or before 4/19/2023.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022.  Janssen COVID-19 vaccine can only be selected if corresponding dose date is before 6/26/2023. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Dose 2 vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| medDate | Conditionally required (each record must contain At least ONE status- This means each record much be classified into at least one of the main categories, such as bivalent vaccination, contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Contraindication or exclusion noted date |
| decDate | Conditionally required (each record must contain At least ONE status- This means each record much be classified into at least one of the main categories, such as bivalent vaccination, contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Declination date |
| decReason | Conditionally required if decDate provided | RELIGIOUS  OTHER  UNKNOWN | Character (10) | Declination reason:  RELIGIOUS - Received official religious exemption OTHER - Other UNKNOWN - Unknown |
| unkvaccstatusdate | Conditionally required (each record must contain At least ONE status- This means each record much be classified into at least one of the main categories, such as bivalent vaccination, contraindication, declined, unknown vaccination status) | MM/DD/YYYY | Datetime | Unknown status date |
| Dose3date | Conditionally required. | MM/DD/YYYY  Must be > Dose2Date | Datetime | Third dose vaccination date |
| dose3type | Conditionally required if dose date is <6/26/2023 | BOOST  ADDTL | Character (5) | Type of third dose vaccine received:  BOOST – Booster Dose  ADDTL – Additional Dose |
| Dose3Mfg | Conditionally required if dose3Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen COVID-19 vaccine can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Third dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| Dose4Date | Conditionally required. | MM/DD/YYYY  Must be > dose3date | Datetime | Fourth dose vaccination date |
| Dose4Mfg | Conditionally required if Dose4Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Fourth dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| Dose5Date | Conditionally required. | MM/DD/YYYY  Must be > dose4date | Datetime | Fifth dose vaccination date |
| Dose5Mfg | Conditionally required if Dose5Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Fifth dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| Dose6Date | Conditionally required. | MM/DD/YYYY  Must be > Dose5Date | Datetime | Sixth dose vaccination date |
| Dose6Mfg | Conditionally required if Dose6Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Sixth dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| Dose7Date | Conditionally required. | MM/DD/YYYY  Must be > Dose6Date | Datetime | Seventh dose vaccination date |
| Dose7Mfg | Conditionally required.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Seventh dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  BIMODERNA –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  MODERNA – original monovalent Moderna vaccine  PFIZBION – original monovalent Pfizer vaccine  JANSSEN – original monovalent Janssen vaccine  UNSPECIFIED – unknown manufacturer |
| Dose8Date | Conditionally required. | MM/DD/YYYY  Must be > Dose7Date | Datetime | Eighth dose vaccination date |
| Dose8Mfg | Conditionally required.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023. | COVID2023\_2024  UNSPECIFIED | Character (15) | Eighth dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  UNSPECIFIED – unknown manufacturer |
| Dose9Date | Conditionally required. | MM/DD/YYYY  Must be > Dose8Date | Datetime | Ninth dose vaccination date |
| Dose9Mfg | Conditionally required.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023. | COVID2023\_2024  UNSPECIFIED | Character (15) | Ninth dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  UNSPECIFIED – unknown manufacturer |
| Dose10Date | Conditionally required. | MM/DD/YYYY  Must be > Dose9Date | Datetime | Tenth dose vaccination date |
| Dose10Mfg | Conditionally required.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023. | COVID2023\_2024  UNSPECIFIED | Character (15) | Tenth dose vaccine manufacturer name  COVID2023\_2024 –2023-2024 updated vaccine  UNSPECIFIED – unknown manufacturer |
| dose1NDC | Optional | - | Character (30) | Dose 1 vaccine NDC number |
| dose1Lot | Optional | - | Character (30) | Dose 1 vaccine Lot number |
| dose1ExpDate | Optional | MM/DD/YYYY | Datetime | Dose 1 vaccine expiration date |
| dose2NDC | Optional | - | Character (30) | Dose 2 vaccine NDC number |
| dose2Lot | Optional | - | Character (30) | Dose 2 vaccine Lot number |
| dose2ExpDate | Optional | MM/DD/YYYY | Datetime | Dose 2 vaccine expiration date |
| dose3ndc (addtldosendc) | Optional | - | Character (30) | Third dose vaccine NDC number |
| dose3lot (addtldoselot) | Optional | - | Character (30) | Third dose vaccine Lot number |
| dose3expdate (addtldoseexpdate) | Optional | MM/DD/YYYY | Datetime | Third dose expiration date |
| dose4ndc (boostdose2ndc) | Optional | - | Character (30) | Fourth dose NDC number |
| dose4lot (boostdose2lot) | Optional | - | Character (30) | Fourth dose vaccine Lot number |
| dose4expdate (boostdose2expdate) | Optional | MM/DD/YYYY | Datetime | Fourth dose vaccine expiration date |
| dose5ndc (boostdose3ndc) | Optional | - | Character (30) | Fifth dose NDC number |
| dose5lot (boostdose3lot) | Optional | - | Character (30) | Fifth dose vaccine Lot number |
| dose5expdate (boostdose3expdate) | Optional | MM/DD/YYYY | Datetime | Fifth dose vaccine expiration date |
| dose6ndc (boostdose4ndc) | Optional | - | Character (30) | Sixth dose NDC number |
| dose6lot (boostdose4lot) | Optional | - | Character (30) | Sixth dose vaccine Lot number |
| dose6expdate (boostdose4expdate) | Optional | MM/DD/YYYY | Datetime | Sixth dose vaccine expiration date |
| dose7ndc (boostdose5ndc) | Optional | - | Character (30) | Seventh dose vaccine NDC number |
| dose7lot (boostdose5ndc) | Optional | - | Character (30) | Seventh dose vaccine Lot number |
| dose7expdate (boostdose5expdate) | Optional | MM/DD/YYYY | Datetime | Seventh dose vaccine expiration date |
| dose8ndc | Optional | - | Character (30) | Eighth dose vaccine NDC number |
| dose8lot | Optional | - | Character (30) | Eighth dose vaccine Lot number |
| dose8expdate | Optional | MM/DD/YYYY | Datetime | Eighth dose vaccine expiration date |
| dose9ndc | Optional | - | Character (30) | Ninth dose vaccine NDC number |
| dose9lot | Optional | - | Character (30) | Ninth dose vaccine Lot number |
| dose9expdate | Optional | MM/DD/YYYY | Datetime | Ninth dose vaccine expiration date |
| Dose10ndc | Optional | - | Character (30) | Tenth dose vaccine NDC number |
| Dose10lot | Optional | - | Character (30) | Tenth dose vaccine Lot number |
| Dose10expdate | Optional | MM/DD/YYYY | Datetime | Tenth dose vaccine expiration date |
| vaccElsewhere | Optional | Y N | Character (1) | Vaccinated at another location?  Y for Yes  N for No |
| vaccEdDate | Optional | MM/DD/YYYY | Datetime | Vaccination Education Provided - date |
| comment | Optional | - | Character (2000) | Comments |

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| **Importing via .csv file- Person-Level COVID-19 Vaccination Form-**  **HCP - LTC Component** | | | | |
| Table 2: NHSN Person-Level COVID-19 Vaccination Form – HCP Import File Format | | | | |
| **Field (alias if applicable)** | **Requirement** | **Values** | **Format†** | **Description of Field** |
| Orgid | **Required** | \_ | must be a whole number | Must be a valid NHSN Facility ID (organization identifier) |
| staffid | **Required** | \_ | Character (15) | HCP identifier - a unique identifier for the individual, assigned by your facility |
| hcpgname | **Required** | \_ | Character (30) | HCP First Name |
| hcpsurname | **Required** | \_ | Character (30) | HCP Last Name |
| hcpgender | **Required** | F  M  O | Character (1) | HCP Gender  F – Female  M – Male  O – Other/Unknown |
| dob | **Required** | MM/DD/YYYY | Datetime | HCP Date of Birth |
| hcpethnicity | **Required** | HISP  NOHISP  DEC  UNK | Character (6) | HCP Ethnicity  HISP – Hispanic or Latino  NOHISP – Not Hispanic or Latino  DEC – Declined to respond.  UNK – Unknown |
| hcprace | **Required**  Multi-select | AMIN  ASIAN  AAB  NH-PI  WHITE  DEC  UNK | Character (5) | HCP Race: AMIN – American Indian/Alaskan native ASIAN – Asian  AAB – Black or African American  NH-PI – Native Hawaiian/Other Pacific Islander  WHITE – White  DEC – Declined to respond.  UNK- Unknown |
| hcpEmpStart | **Required** | MM/DD/YYYY | Datetime | HCP Start of Employment Date |
| hcpEmpEnd | Conditionally required | MM/DD/YYYY | Datetime | HCP End of Employment Date |
| hcpCategory | **Required** | EMP  LIP VOL  OCP | Character (10) | HCP Category:  EMP - Employees (staff on facility payroll) LIP - Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants VOL - Adult students/trainees & volunteers OCP - Other Contract Personnel |
| dose1Date | Conditionally required (each record must contain At least ONE status- This means each record must be classified into at least one of the main categories, such as having at least one vaccine entered, contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Dose 1 vaccination date |
| dose1Mfg | Conditionally required if Dose1Date provided  If dose1Mfg = Janssen, then subsequent doses recorded beginning with dose 3 fields.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 4/20/2023 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine can only be selected if corresponding dose date is on or before 4/19/2023.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022.  Janssen COVID-19 vaccine can only be selected if corresponding dose date is before 6/26/2023. | COVID2023\_2024  BIMODERNA  BIPFIZBION  JANSSEN MODERNA PFIZBION  NOVAVAX UNSPECIFIED | Character (15) | Dose 1 vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| dose2Date | Conditionally required. | MM/DD/YYYY | Datetime | Dose 2 vaccination date |
| dose2Mfg | Conditionally required if Dose2Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 4/20/2023 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine can only be selected if corresponding dose date is on or before 4/19/2023.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022.  Janssen COVID-19 vaccine can only be selected if corresponding dose date is before 6/26/2023. | COVID2023\_2024  BIMODERNA  BIPFIZBION MODERNA PFIZBION  NOVAVAX  JANSSEN UNSPECIFIED | Character (15) | Dose 2 vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| medDate | Conditionally required (each record must contain At least ONE status- This means each record much be classified into at least one of the main categories, such having at least one vaccine entered, contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Contraindication or exclusion noted date |
| decDate | Conditionally required (each record must contain At least ONE status- This means each record much be classified into at least one of the main categories, such as having at least one vaccine entered , contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Declination date |
| decReason | Conditionally required if decDate provided. | RELIGIOUS  OTHER  UNKNOWN | Character (10) | Declination reason: RELIGIOUS - Received official religious exemption OTHER - Other UNKNOWN - Unknown |
| unkvaccstatusdate | Conditionally required (each record must contain At least ONE status- This means each record much be classified into at least one of the main categories, such as having at least one vaccine entered , contraindication, declined, unknown vaccination status). | MM/DD/YYYY | Datetime | Unknown status date |
| Dose3date | Conditionally required. | MM/DD/YYYY | Datetime | Third dose vaccination date |
| dose3type | Required if dose date is <6/26/2023 | BOOST  ADDTL | Character (5) | Type of additional or booster dose vaccine received:  BOOST – Booster Dose  ADDTL – Additional Dose |
| Dose3Mfg | Conditionally required if dose3Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION MODERNA PFIZBION  NOVAVAX  JANSSEN UNSPECIFIED | Character (15) | Third dose vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| Dose4Date | Conditionally required. | MM/DD/YYYY  Must be > dose3date | Datetime | Fourth dose vaccination date |
| Dose4Mfg | Conditionally required if Dose4Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION MODERNA PFIZBION  NOVAVAX  JANSSEN UNSPECIFIED | Character (15) | Fourth dose vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| Dose5Date | Conditionally required. | MM/DD/YYYY  Must be > dose4date | Datetime | Fifth dose vaccination date |
| Dose5mfg | Conditionally required if Dose5Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION MODERNA PFIZBION  NOVAVAX  JANSSEN UNSPECIFIED | Character (15) | Fifth dose vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| Dose6Date | Conditionally required. | MM/DD/YYYY  Must be > dose5date | Datetime | Sixth dose vaccination date |
| Dose6mfg | Conditionally required if Dose6Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION MODERNA PFIZBION  NOVAVAX  JANSSEN UNSPECIFIED | Character (15) | Sixth dose vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| Dose7Date | Conditionally required. | MM/DD/YYYY  Must be > dose6date | Datetime | Seventh dose vaccination date |
| Dose7mfg | Conditionally required if Dose7Date provided.  2023-2024 Updated COVID-19 vaccine can only be selected if corresponding dose date is after 9/12/2023.  Bivalent Pfizer vaccine and Bivalent Moderna vaccine can only be selected if corresponding dose date is between 8/31/2022 and 9/12/2023.  Pfizer-BioNTech COVID-19 vaccine and Moderna COVID-19 vaccine and Janssen can only be selected if corresponding dose date is on or before 9/26/2022.  Novavax COVID-19 vaccine can only be selected if corresponding dose date is on or after 6/1/2022. | COVID2023\_2024  BIMODERNA  BIPFIZBION MODERNA PFIZBION  NOVAVAX  JANSSEN UNSPECIFIED | Character (15) | Seventh dose vaccine manufacturer name  *COVID2023\_2024* –2023-2024 updated vaccine  *BIMODERNA* –bivalent Moderna vaccine  BIPFIZBION –bivalent Pfizer vaccine  *MODERNA* – original monovalent Moderna vaccine *PFIZBION* – original monovalent Pfizer vaccine  *JANSSEN* – original monovalent Janssen vaccine *UNSPECIFIED* – unknown manufacturer |
| dose1NDC | Optional | - | Character (30) | Dose 1 vaccine NDC number |
| dose1Lot | Optional | - | Character (30) | Dose 1 vaccine Lot number |
| dose1ExpDate | Optional | MM/DD/YYYY | Datetime | Dose 1 vaccine expiration date |
| dose2NDC | Optional | - | Character (30) | Dose 2 vaccine NDC number |
| dose2Lot | Optional | - | Character (30) | Dose 2 vaccine Lot number |
| dose2ExpDate | Optional | MM/DD/YYYY | Datetime | Dose 2 vaccine expiration date |
| dose3NDC (addtldosendc) | Optional | - | Character (30) | Third dose vaccine NDC number |
| dose3Lot (addtldoselot) | Optional | - | Character (30) | Third dose vaccine Lot number |
| dose3ExpDate (addtldoseexpdate) | Optional | MM/DD/YYYY | Datetime | Third dose vaccine expiration date |
| dose4ndc (boostdose2ndc) | Optional | - | Character (30) | Fourth dose vaccine NDC number |
| dose4lot (boostdose2lot) | Optional | - | Character (30) | Fourth dose vaccine Lot number |
| dose4expdate (boostdose2expdate) | Optional | MM/DD/YYYY | Datetime | Fourth dose expiration date |
| dose5ndc (boostdose3ndc) | Optional | - | Character (30) | Fifth dose vaccine NDC number |
| dose5lot (boostdose3lot) | Optional | - | Character (30) | Fifth dose vaccine Lot number |
| dose5expdate (boostdose3expdate) | Optional | MM/DD/YYYY | Datetime | Fifth dose vaccine expiration date |
| Dose6ndc (boostdose4ndc) | Optional | - | Character (30) | Sixth dose vaccine NDC number |
| Dose6lot (boostdose4lot) | Optional | - | Character (30) | Sixth dose vaccine Lot number |
| Dose6expdate (boostdose4expdate) | Optional | MM/DD/YYYY | Datetime | Sixth dose vaccine expiration date |
| Dose7ndc (boostdose5ndc) | Optional | - | Character (30) | Seventh dose vaccine NDC number |
| Dose7lot (boostdose5lot) | Optional | - | Character (30) | Seventh dose vaccine Lot number |
| Dose7expdate (boostdose5expdate) | Optional | MM/DD/YYYY | Datetime | Seventh dose vaccine expiration date |
| vaccElsewhere | Optional | Y N | Character (1) | Vaccinated at another location?  Y – Yes  N – No |
| vaccEdDate | Optional | MM/DD/YYYY | Datetime | Vaccination Education Provided - date |
| comment | Optional | - | Character (2000) | Comments |