

STATE OF COLORADO

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Dedicated to protecting and improving the health and environment of the people of Colorado

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Colorado Immunization Information System HEDIS Data Request Process and File Specifications

Background

Colorado Immunization Information System's (CIIS) mission is to establish and maintain a population-based, fully functional, and sustainable immunization information system for the state of Colorado which will ensure timely and complete immunization of Coloradans, prevent disease in our communities and reduce healthcare costs to individuals and the State.

Under Colorado Revised Statute (CRS) § 25-4-2403(2), CIIS can accept immunization data from:

- Practitioners;
- Clinics;
- Schools;
- Parents;
- Legal Guardians, or Persons authorized to consent to immunizations pursuant to CRS § 25-4-1704;
- Individuals;
- Managed Care Organizations (MCO) or Health Insurance Plans in which an individual is enrolled as a member or insured, if such managed care organization or health insurer reimburses or otherwise financially provides coverage for immunizations;
- Hospitals;
- Colorado Department of Health Care Policy and Financing (HCPF) for individuals who are eligible for coverage under the "Colorado Medical Assistance Act", CRS § 25-5(4), (5) and (6) and "Children's Basic Health Plan", CRS § 25.5-8; and
- Persons and entities that have contracted with the State of Colorado pursuant to CRS § 25-4-2403(d)(9).

Records in the immunization tracking system shall remain strictly confidential and shall not be released, shared with any agency or institution, or made public upon subpoena, search warrant, discovery proceedings, or otherwise, except under the following circumstances:

- Medical and epidemiological information may be released in a manner such that no individual person can be identified.

- Immunization records and epidemiological information may be released to the extent necessary for the treatment, control, investigation, and prevention of vaccine-preventable diseases; every effort shall be made to limit disclosure of personal identifying information to the minimum amount necessary to accomplish the public health purpose.
- Immunization records and epidemiological information may be released to the individual who is the subject of the record, to a parent of a minor individual, to a guardian or person authorized to consent to immunization under section CRS §25-4-1704, to the physician, clinic, hospital, or licensed healthcare practitioner treating the person who is the subject of an immunization record, to a school in which such person is enrolled, or any entity or person described in paragraph (f), (h), or (i) of subsection (2) of this section.

Process Description

Your organization must have a signed Letter of Agreement (LOA) with CIIS and submit data at least on a monthly basis to CIIS in order to be eligible for a HEDIS match. Requests from organizations without an LOA nor providing CIIS data will not be considered

CIIS accepts securely transmitted request files from MCOs and processes those requests through a matching and record retrieval process. The results of this process are made available to the MCO to analyze. Records contained within the MCO's inbound file that have a corresponding record in CIIS are returned to the MCO, along with immunization history, in a results or outbound file. In order to provide maximum flexibility, results are provided in comma-separated-value (CSV) format, easily readable in any number of desktop applications and database management systems.

If there is no match in CIIS for a requested record, the MCO request record will be returned with a "N" or no-match indicator and no immunization data will be added. Matches will be designated with a "Y" and CIIS demographics, along with immunization data for the client, will be added to the outbound record.

In the case of a patient who has multiple potential matches within CIIS, CIIS staff will select the best possible match. If there is insufficient information to determine a match, a match indicator of "N" will be assigned and no matching immunization data will be included. It may be possible to work with CIIS staff to provide additional information or more accurate information for these clients to get to an exact match.

While optimum matching can be obtained by providing as many data fields as possible for each patient within the Inbound File, please note that resulting data - including the presence of a match - only indicates that it was found in CIIS and is not independently verified for accuracy.

Specifications for MCO Inbound File to CIIS

The inbound, or request file must be in a CSV or Excel format with the following fields:

Column Header	CIIS Field Name	Description	Notes	Data Type
Member Id	Client_ID	unique patient ID in MCO system		Text
Last name	Last_Name	surname		Text
First name	First_Name	given name		Text
Middle name	Middle_Name	middle initial or name		Text
Gender	Gender	gender	Leave blank if unknown	Text
Birth date	Date_of_Birth	birth date of patient		Date/Time
Address 1	Address_Line_1	street no. and street name		Text
Address 2	Address_Line_2	apartment #, box #		Text
City	City	city name		Text
State	State	state abbreviation		Text
Zip	Zip	zip code		Text
Home phone	Telephone_1	patient/guardian home phone	Include area code	Text
Mother first name	Mother_s_firstname	first name of mother		Text
Mother last name	Mother_s_lastname	last name of mother		Text
Father first name	Father_s_firstname	first name of father		Text
Father last name	Father_s_lastname	last name of father		Text
Guarantor Last	guar_last	Guarantor Last Name	If Mother/Father not present	Text
Guarantor First	guar_first	Guarantor First Name	If Mother/Father not present	Text

Specifications for CIIS Outbound File to MCOs

The outbound CSV response file contains one record for each request record in the inbound file and repeats the part of the request information as submitted, followed by Client Demographic data and an indication of matching success along with the reason for the match. There is a separate file with Services/Immunization data as found in CIIS. The Client Demographic data and Services/Immunizations data may be linked using the submitter's Member Id or clientseq, which is the CIIS unique client indicator. Please see the description of matching logic in Appendix 1 for further explanation about matching methodology utilized in this process. Appendix 2 provides service code descriptions.

Generally, CIIS can process and return a match file within one week of having received a properly formatted file, which included all the appropriate data fields.

Client Demographic File:

Field Name	Description / Rules	Comments
Match	Length=1 (“Y” or “N”)	
MemberId		As submitted
clientseq	Numeric	
Last_Name	Max Length=24	As submitted
First_Name	Max Length=24	As submitted
Middle_Name	Max Length=24	As submitted
Gender	Length=1 (M, F, or Blank)	
Date_of_Birth	Length=10 (mm/dd/yyyy)	
Mother_s_Lastname	Max Length=24	As found in CIIS
Mother_s_Firstname	Max Length=24	As found in CIIS
Last_Name_Match	Max Length=24	As found in CIIS
First_Name_Match	Max Length=24	As found in CIIS
Middle_Name_Match	Max Length=24	As found in CIIS
Import_msg		Reason for match

Services/Immunizations File:

Field Name	Description / Rules	Comments
MemberId		As submitted
Clientseq	Numeric	CIIS unique client id
ServiceDate	Length=10 (mm/dd/yyyy)	Date Vaccine Administered
ServiceCode	Length=5	CVX code
ServiceDescription	Max Length=100	As reported by data feed
Series	Max Length=50	
Route	Max Length=50	
BodySite	Max Length=50	
Manufacturer	Max Length=50	
Lotid	Max Length=20	Lot Number
Form_Date	Length=10 (mm/dd/yyyy)	VIS Form Date, if available
Form_Given_Date	Length=10 (mm/dd/yyyy)	Date VIS Form Given To Client, if available
ProviderName	Max Length=50	Ordering Provider
AdministeredBy	Max Length=50	Administering Provider
Payor	Max Length=50	
History	Y/N	Entered as historical?
SiteofService	Max Length=50	Location where administered
Create_date	Length=10 (mm/dd/yyyy)	Date created in CIIS
Modifieddate	Length=10 (mm/dd/yyyy)	Date modified in CIIS
Service_id	Numeric	CIIS unique service id

Instructions

1. Send an email to Steve Jarvis, CIIS Programmer at steve.jarvis@state.co.us with a copy to Heather Shull, CIIS Manager, at heather.shull@state.co.us requesting a HEDIS match. Your email must contain:
 - Name of Requesting Organization
 - Name of Requestor
 - Contact information of Requestor
 - Number of records to be matched
 - Attachment containing file in a CSV or Excel format including as many of the data fields outlined in *Specifications for MCO Files Inbound to CIIS* as possible (outlined on page 2)
2. CIIS Programmer will verify that Requesting Organization is currently participating in CIIS.
3. CIIS Programmer will: acknowledge receipt of the request; indicate whether Requesting Organization is eligible to receive a HEDIS match; indicate if the Inbound File submitted is appropriate; and give an approximate time to return the Outbound File.
4. The Outbound File will be returned to the Requestor in approximately one week, unless otherwise indicated by CIIS Programmer.

Your organization must participate in CIIS in order to be eligible for a HEDIS match. Requests from organizations not currently providing data on a monthly basis will not be considered

Appendix 1: Data Matching Process Logic

The following data matching rules are applied to each patient record in the MCO inbound file:

Notes/Assumptions:

- All client checks assume the date of birth is the same, since these are the only records put into the pool for comparison.
- No records will have blank first name, last name, or DOB. These must be present for a client to be created in CIIS.
- Names are compared using NYSIIS, Jaro-Winkler, and Levenstein Distance to determine misspellings. These are called a “Near Miss”, and are considered to match when taking into account matching of additional data elements. This includes Responsible Party names.
- Last names are considered a match if:
 - o The source last name equals the destination first name, and the source first name equals the destination last name
 - o Considered a near miss, if the first 8 characters are matching
 - o If the source last name equals the destination mother maiden name, or vice-versa, and other elements match (see details below)
 - o The last name is the same as the possible duplicate mother’s maiden name
 - o The last name is a subset of the possible duplicate name, e.g., GARCIA compared to HERNANDEZGARCIA
 - o One part of the name matches to a two-part name
- First names are considered a match if:
 - o One of the source or destination is a “Baby” name
 - o Names match by nickname; found using the NameMisspellings table
 - o The source name equals the destination alias first name
 - o One part of the name matches to a two-part name
- Middle names are considered a match if:
 - o The first initial is the same, if the length of one of the pairs is one
 - o Only one possible matching client is found and the source middle name or the destination middle name is blank
 - o If the first 4 characters are the same
- Responsible party names (Mother, Father, or Guardian) are considered a match if:
 - o Neither name is blank or “Unknown”
 - o Both parts of name match
 - o When Mother name matches the Guardian name
 - o When Father name matches the Guardian name
 - o In certain situations, if the Mother’s first name matches the Guardian’s first name
- Addresses (Number, Street, Unit # components) are considered a match if:
 - o House number and street match
 - o Street and City match
 - o Street names found to be misspelled and City match
 - o The length of both addresses is greater than or equal to 10 characters, with spaces removed, and match up to the characters of the shorter value being compared

Comparisons for each client pair

- Check using the client unique id for the site
 - If the names are different mark the incoming record to be manually reviewed (These may have been incorrectly merged at CIIS or by the data provider)
 - This check is not run when comparing the production database to itself for duplicates
- If no match in step 1, Basic Name and DOB check
 - Check by Last Name, First Name, and DOB
 - Exact match if the middle names are the same. Additional name checks are not run
 1. Note that the remaining clients in the pool will be still be compared, so we can determine if there are potential duplicates/matches in the production database
 - If the middle names are **not** the same, run the additional name checks, in step 3, to be sure this is not a twin/multiple. These are considered a potential match unless other data elements match.
- If no match in steps 1 and 2, apply additional name checks. Unless indicated, these result in a potential match that needs to be manually reviewed
 - If Last Names match:
 - If First Names match:
 1. Exact match if the one first name is a generic name, .e.g. Baby, Newborn, Boy, etc., and Address and/or Mother match, and Genders match
 2. Potential match if the one first name is a generic name, .e.g. Baby, Newborn, Boy, etc., and Addresses and/or Mothers match, and Genders differ
 3. Exact match if first name combined with middle name is the same as the other first name, and Genders match
 4. Exact match if the Middle names match and one name is just the Middle Initial, and Genders match
 5. If the Middle names are not an exact match
 1. Exact match if Middle names are misspellings of each other, and Address and/or Mother match, and Genders match
 2. Otherwise, Potential match
 6. Exact match if Middle names match exactly
 7. Potential match if Genders match the one first name is a generic name, .e.g. Baby, Newborn, Boy, etc., and Addresses and/or Mothers match, and Genders differ
 - If First Names *do not* match
 1. Exact match if the first name matches the potential duplicate middle name, or vice versa, and Address and/or Responsible Party and/or Phone match, and Genders match
 2. Potential match if Address and/or Responsible Party and/or Phone match, and Genders match

- If Last Names *do not* match and last name is not an exact match, check last name for two-part name combinations that match:
 - If First Names match:
 1. Exact match if two or more of Middle name, Address, Responsible Party, or Phone match, and Genders match
 1. Note: if Address and/or Phone match and Responsible Party first names match, the Responsible Party counts as one of the matches for this check
 2. Potential match if two or more of Middle name, Address, Responsible Party, or Phone match
 - If First Names *do not* match
 1. Potential match if two or more of Address, Responsible Party, or Phone match, and Genders match
 1. Note: if Address and/or Phone match and Responsible Party first names match, the Responsible Party counts as one of the matches for this check
- If only Last names match and First names match with one being a generic/"Baby" name, these are NOT considered a potential match

Service/Vaccination Duplicate Checks for incoming data to the CIIS

The following checks are performed in the order listed.

NOTE: In *all cases*, if the incoming record is a match to the production record, the incoming record will overwrite the production record when the incoming record has a lot number or is not historical

- Check for duplicate by Service Date & CPT
 - If found, import record is skipped, except when incoming record has a lot number or is not historical
- Check for duplicate by Service Date, Series, and Unspecified flag
 - If production service is "Unspecified" and import service is not and both are the same series, same date, then overwrite/replace the production service with the import service
- Check for duplicate by Service Date & Series
 - If found import service is skipped
- Check combination antigen service code overwriting single service code
 - If found overwrite/replace the production service with the import service
 - These rules should be in the servicecodes table, combolist field:

Combo **90636 HepA-HepB** overwrites:

HepA components	90632 HepA adult
	90633 HepA 2dose
	90634 HepA 3dose
	90730 HepA NOS
HepB components	90743 HepB 2dose
	90744 Hep B
	90745 HepB adol
	90746 HepB adult
	90731 Hep B NOS

Combo **90698 DTaP/Hib/IPV** overwrites:
DTP components 90700 DTaP
Hib components 90737 Hib NOS
90645 HibOC
90646 Hib PRP-D
90647 Hib PRP-OMP
90648 Hib PRP-T
IPV components 90713 IPV

Combo **90710 MMRVaricella** overwrites:
MMR components 90707 MMR
Varicella components 90716 Varicella

Combo **90711 DTP-IPV** overwrites:
DTP components 90700 DTaP
90701 DTP
IPV components 90713 IPV

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Combo **90720 DTP/Hib** overwrites:
DTP components 90700 DTaP
90701 DTP
Hib components 90737 Hib NOS
90645 HibOC
90646 Hib PRP-D
90647 Hib PRP-OMP
90648 Hib PRP-T

Combo **90721 DTaP/Hib** overwrites:
DTP components 90700 DTaP
90701 DTP
Hib components 90737 Hib NOS
90645 HibOC
90646 Hib PRP-D
90647 Hib PRP-OMP
90648 Hib PRP-T

Combo **90723 DTaP-HepB-IPV** overwrites:
DTaP components 90700 DTaP
HepB components 90743 HepB 2dose
90744 Hep B
90745 HepB adol
90746 HepB adult
90731 Hep B NOS
IPV components 90713 IPV

Combo **90748 Hib/Hep B** overwrites:
Hep components 90744 Hep B

Hib components	90731 Hep B NOS
	90737 Hib NOS
	90645 HibOC
	90646 Hib PRP-D
	90647 Hib PRP-OMP
	90648 Hib PRP-T

- For same service date
 - DTAP (90700) overwrites DTP (90701)
 - IPV (90713) overwrites OPV (90712)
 - Pediarix (90723) overwrites Kinrix (90696)
 - Prevnar (90669) overwrites Pneumovax (90732) if client is < 7 years old

- For same service date and import record is not history, production site of service is unknown gets overwritten with import record
- Same CPT or same Series and date is within the min number of days specified in the service codes table for administration interval (within 1 day for Oral Typhoid and Rabies— 90690,90376,90726,90675,90676)
 - If found and import service date is *prior* to production service date, overwrite/replace the production service with the import service
 - If found and import service date is *after* the production service date, import service is skipped
- Check for Dup by Series/Year/Month match
 - If found, use whichever record is 1st shot that month
- Check for Dup by Series/Year/Month match
 - If either service date is the 15th, use whichever record is not the 15th
- Check for a combination antigen service code in production that is within min number of days of the import service as specified in the service codes table for administration interval
 - If found, import service is skipped
- If a match was determined with one of the above checks, apply the following rules for lot number and history to determine which record will be kept:
 - If production service record is not ‘history’ and has a blank lot number and the import service record is not ‘history’ and *has* a lot number, then import service record overwrites production service record
 - If production service record is not ‘history’ and *has* lot number and the import service record does not have a lot number, then import service record is skipped
 - If production service record is ‘history’ and import service record is *not* ‘history’, then import service record overwrites production service record

Appendix 2: CIIS Service Code Descriptions

Service Code/CVX	CPT	Desc - Short	Desc - Long
1	90701	DTP	Diphtheria, Tetanus Toxoids and Pertussis Vaccine

2	90712	Polio-OPV	Poliovirus Vaccine, Live, Oral
3	90707	MMR	Measles, Mumps and Rubella Vaccine
4	90708	M/R	measles and rubella virus vaccine
5	90705	Measles	measles virus vaccine
6	90706	Rubella	rubella virus vaccine
7	90704	Mumps	mumps virus vaccine
8	90744	Hep B, Ped/Adol	Hepatitis B Vaccine, Pediatric/Adolescent
9	90718	Td (adult) (adsorbed)	Tetanus and Diphtheria Toxoids, adsorbed for adult
10	90713	Polio-IPV	Poliovirus Vaccine, Inactivated
12	90296	Diphtheria antitoxin	diphtheria antitoxin
13	90389	TIG	tetanus immune globulin
14	90741	IG, Unsp	immune globulin, Unspecified Formulation
15	90655	Influenza-TIV	Trivalent Inactivated Influenza Vaccine
15	90657	Influenza-TIV	Trivalent Inactivated Influenza Vaccine
15	90656	Influenza-TIV	Trivalent Inactivated Influenza Vaccine
15	90658	Influenza-TIV	Trivalent Inactivated Influenza Vaccine
16	90659	Influenza, Whole	Influenza virus vaccine, whole virus
17	90737	Hib, Unsp	Haemophilus influenzae type b Vaccine, conjugate
18	90675	Rabies, IM	Rabies Vaccine, intramuscular
19	90585	BCG	Bacillus Calmette-Guerin Vaccine
19	90586	BCG	Bacillus Calmette-Guerin Vaccine
19	90728	BCG	Bacillus Calmette-Guerin Vaccine
20	90700	DTaP	Diphtheria, Tetanus Toxoids & acellular Pertussis
21	90716	VAR (Varivax)	Varicella Vaccine, live virus
22	90720	DTP-Hib	DTP-Haemophilus influenzae type b conjugate vaccin
23	90727	Plague	plague vaccine
24	90581	Anthrax	Anthrax Vaccine
25	90690	Typhoid, oral	Typhoid Vaccine, live, oral
26	90725	Cholera	cholera vaccine
27	90287	Botulinum antitoxin	botulinum antitoxin
28	90702	DT, ped	Diphtheria and Tetanus Toxoids adsorbed, pediatric
29	90291	CMVIG	cytomegalovirus immune globulin, intravenous
30	90371	HBIG	Hepatitis B Immune Globulin
32	90733	MPSV4 (Menomune)	Meningococcal Polysaccharide Vaccine (MPSV)
33	90732	PPSV23 (Pneumovax)	Pneumococcal Polysaccharide Vaccine
34	90375	Rabies IG	Rabies Immune Globulin
34	90376	Rabies IG	Rabies Immune Globulin
35	90703	Tetanus toxoid	Tetanus toxoid
36	90396	VZIG	Varicella Zoster Immune Globulin
37	90717	Yellow Fever	Yellow Fever Vaccine

39	90735	Japanese Encephaliti	Japanese Encephalitis Vaccine
40	90676	Rabies, intradermal	rabies vaccine, for intradermal injection
41	90692	Typhoid, Injectable	typhoid vaccine, parenteral, other than acetone-ki
42	90745	Hep B, Adol/High Ris	Hepatitis B Vaccine, Adolescent/High Risk Infant
43	90743	Hep B, Adult	Hepatitis B Vaccine, Adult
43	90746	Hep B, Adult	Hepatitis B Vaccine, Adult
44	90740	Hep B, dialysis	hepatitis B vaccine, dialysis patient dosage
44	90747	Hep B, dialysis	hepatitis B vaccine, dialysis patient dosage
45	90731	Hep B, Unsp	Hepatitis B Vaccine, Unspecified Formulation
46	90645	Hib (ProHIBIT)	Haemophilus influenzae type b Vaccine, PRP-D
46	90646	Hib (ProHIBIT)	Haemophilus influenzae type b Vaccine, PRP-D
47	90645	Hib (HibTITER)	Haemophilus influenzae type b Vaccine, HbOC
48	90648	Hib, PRP-T (ActHib)	Haemophilus influenzae type b Vaccine, PRP-T
49	90647	Hib (PedvaxHIB)	Haemophilus influenzae type b Vaccine, PRP-OMP
50	90721	DTaP-Hib (TriHIBit)	DTaP-Haemophilus influenzae type b conjugate
51	90748	Hib-HepB (Comvax)	Haemophilus influenzae type b conjugate, Hepatitis
52	90632	Hep A, Adult	Hepatitis A Vaccine, Adult
53	90693	Typhoid, parenteral,	typhoid vaccine, parenteral, acetone-killed, dried
54	90476	Adenovirus, type 4	adenovirus vaccine, type 4, live, oral
55	90477	Adenovirus, type 7	adenovirus vaccine, type 7, live, oral
62	90649	HPV4 (Gardasil)	Human Papillomavirus vaccine, quadrivalent
66	90665	Lyme disease	Lyme disease vaccine
71	90379	RSV-IGIV	Respiratory Syncytial Virus Immune Globulin, intra
79	90393	Vaccinia immune glob	vaccinia immune globulin
83	90633	Hep A, Ped/Adol	Hepatitis A Vaccine, Pediatric/Adolescent
84	90634	Hep A, Ped/Adol, 3 d	Hepatitis A Vaccine, Pediatric/Adolescent, 3 dose
85	90730	Hep A, Adult Unsp	Hepatitis A Vaccine, Adult, Unspecified Formulation
86	90281	IG	Immune Globulin, intramuscular
87	90283	IGIV	immune globulin, intravenous
88	90724	Influenza, Unsp	influenza virus vaccine, Unspecified Formulation
90	90726	Rabies, Unsp	Rabies Vaccine, Unspecified Formulation
91	90714	Typhoid, Unsp	Typhoid Vaccine, Unspecified Formulation
93	90378	RSV (Synagis)	Respiratory Syncytial Virus, monoclonal antibody
94	90710	MMRV(ProQuad)	Measles, Mumps, Rubella and Varicella Vaccine
96	86580	Tb-PPD intradermal	Tuberculin Skin Test, Intradermal
97	86585	TST-PPD tine test	Tuberculin Skin Test, Tine test
100	90669	PCV-7 (Prevnar)	Pneumococcal Conjugate Vaccine, polyvalent
101	90691	Typhoid, (Typhim Vi)	Typhoid Vi capsular polysaccharide vaccine
104	90636	Hep A-Hep B (Twinrix	Hepatitis A and Hepatitis B Vaccine

106	90700	DTaP (Daptacel)	Diphtheria, Tetanus, Acellular 5 antigen Pertussis
109	90669	Pneumococcal, Unsp	pneumococcal vaccine, Unspecified Formulation
109	90670	Pneumococcal, Unsp	pneumococcal vaccine, Unspecified Formulation
109	90732	Pneumococcal, Unsp	pneumococcal vaccine, Unspecified Formulation
110	90723	DTaP-HepB-IPV (Pedia	DTaP, HepB, IPV (Pediarix)
111	90660	Influenza-LAIV Nasal	Influenza, Live Attenuated (LAIV) - Intranasal
113	90714	Td (adult), P-Free	Tetanus & Diphtheria Toxoids, adsorbed, preservati
114	90734	MCV4 (Menactra)	Meningococcal Conjugate Vaccine (MCV)
115	90715	Tdap	Tetanus tox.-reduced diphth. tox.-acellular pertus
116	90680	RV5 (RotaTeg)	Rotavirus, live, pentavalent vaccine
118	90650	HPV2 (Cervarix)	Human Papillomavirus vaccine, bivalent
119	90681	RV1 (Rotarix)	Rotavirus, live, monovalent vaccine
120	90698	DTaP-Hib-IPV (Pentac	DTaP-Haemophilus influenzae type b conjugate & IPV
121	90736	Zoster (Zostavax)	Zoster Vaccine, Live (Shingles)
125	90664	H1N1 Flu 09-Nasal	Novel Influenza-H1N1-09, Live Virus for Nasal
125	90663	H1N1 Flu 09-Nasal	Novel Influenza-H1N1-09, Live Virus for Nasal
126	90666	H1N1 Flu 09-P Free	Novel Influenza-H1N1-09, Preservative-Free Injecta
127	90663	H1N1 Flu 09	Novel Influenza-H1N1-09, Injectable
127	90668	H1N1 Flu 09	Novel Influenza-H1N1-09, Injectable
128	90663	H1N1 Flu 09-Unsp	Novel Influenza-H1N1-09, All Formulations
130	90696	DTaP-IPV (Kinrix)	Diphtheria, Tetanus & acellular Pertussis-IPV
133	90670	PCV-13 (Pevnar)	Pneumococcal Conjugate Vaccine, 13 valent
134	90738	Jap Enc-IM (Ixiaro)	Japanese Encephalitis for IM Administration
135	90662	Influenza, High Dose	Influenza, High Dose Seasonal, Preservative-Free
136	90734	MCV4O (Menveo)	Meningococcal Oligosaccharide (Groups A, C, Y and
137	90649	HPV, Unsp	Human Papillomavirus vaccine, Unspecified Formul
137	90650	HPV, Unsp	Human Papillomavirus vaccine, Unspecified Formul
140	90655	Influenza, P-Free	Influenza, Seasonal Injectable, Preservative Free
140	90656	Influenza, P-Free	Influenza, Seasonal Injectable, Preservative Free
141	90657	Influenza, Seasonal	Influenza, Seasonal Injectable
141	90658	Influenza, Seasonal	Influenza, Seasonal Injectable
144	90654	Influenza, Intraderm	Influenza, Seasonal Intradermal, Preservative-Free