



Data Translation Tool (DTT)
Specification Guide
7.16.2020

This document provides specific instructions for setting up a file with the correct data elements (fields) for DTT.



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Permissions

- User must have the following two permissions added to their user account:
 - DTT Profile Creator
 - DTT Import Access

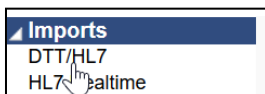
File Format Elements

- **Character Delimited (ASCII Text)** – Although, the pipe symbol (|) is recommended, other characters may be used including the **TAB** character. The use of commas and periods are not recommended since these characters can be embedded within the data.
- **Fixed Length Delimited**– If using the record type of **FIXED LENGTH**, you WILL need to “pad or fill” the fields with trailing spaces (blanks) so the field is the correct length; otherwise, padding the fields is NOT recommended for the other file formats (Character or TAB).
- **Tab Delimited**

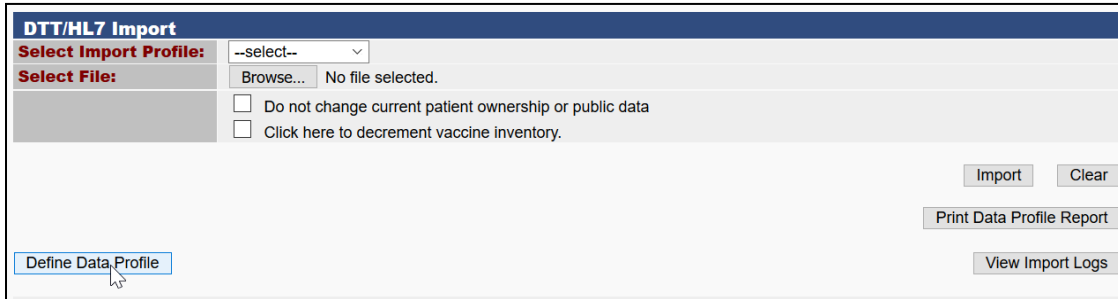
Creating a Data File

Import Profile Set Up

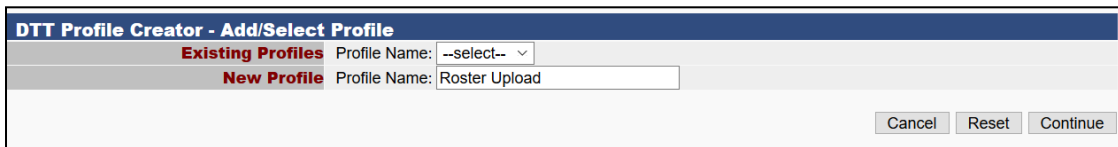
1. Prior to uploading a file, the user will need to set up the DTT import profile. The DTT import profile must be set up per organization. These steps do not need to be repeated for each facility under the organization.
2. Login in IWeb as a registry client and select the **Organization** that you want to upload the file to.
3. Select **Imports>DTT/HL7**



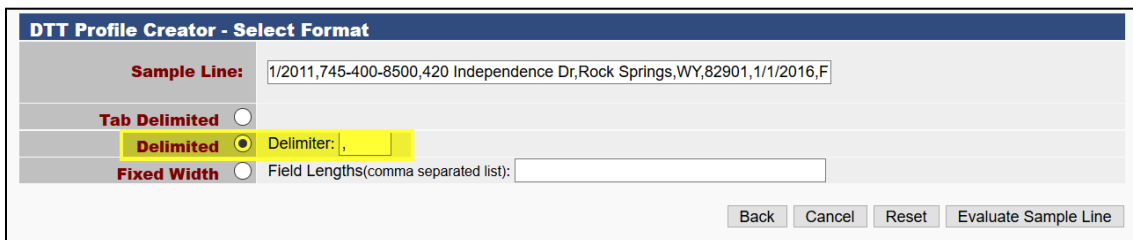
4. Select **Define Data Profile**



5. Enter in a **New Profile** name and select **Continue**.



6. Enter in your sample line and enter in a comma “,” or pipe “|” into the Delimiter field.



7. Select **Evaluate Sample Line**.

8. Assign **Field Definitions** and **Data Format** where applicable. Ensure you set the Field definitions according to the information being uploaded.

9. Examples of different DTT Import Profiles:

Patient Information

Sample line:

firstname,middlename,lastname,123mainst,phoenix,az,85004,7458008473,maidenname,guardianfirstname,dob,gender



DTT Profile Creator - Assign Fields				
Sample Field	Field Definition		Requires Additional Field Defs	Data Format
firstname	Patient First Name	X	<input type="checkbox"/>	Select...
middlename	Patient Middle Name	X	<input type="checkbox"/>	Select...
lastname	Patient Last Name	X	<input type="checkbox"/>	Select...
123mainst	Patient 1st Address / Street Line 1	X	<input type="checkbox"/>	Select...
phoenix	Patient 1st Address / City	X	<input type="checkbox"/>	Select...
az	Patient 1st Address / State	X	<input type="checkbox"/>	Select...
85004	Patient 1st Address / Zip Code	X	<input type="checkbox"/>	Select...
7458008473	Patient Phone Number	X	<input type="checkbox"/>	Select...
maidenname	Mother Maiden Name	X	<input type="checkbox"/>	Select...
guardianfirstname	Guardian First Name	X	<input type="checkbox"/>	Select...
dob	Patient DOB	X	<input type="checkbox"/>	Select...
gender	Patient Gender Code	X	<input type="checkbox"/>	Select...

Patient and Vaccination Information

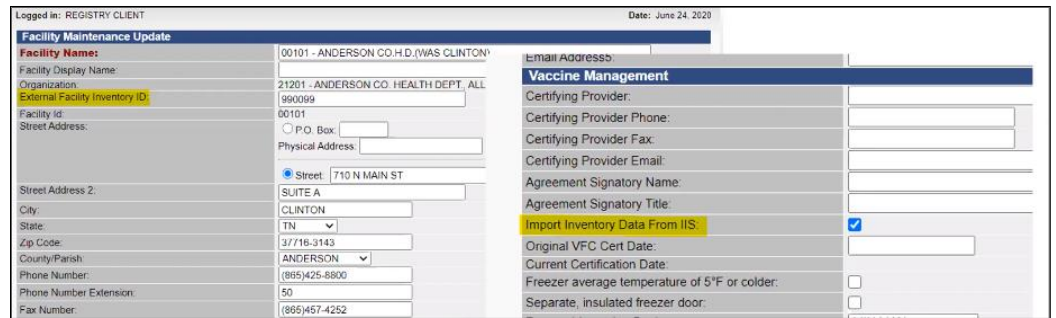
Sample line:

firstname,middlename,lastname,123mainst,phoenix,az,85004,7458008473,maidenname,guardianfirstname,dob,gender, cvx,immzdate,lotnumber,expirationdate,manufacturer

DTT Profile Creator - Assign Fields				
Sample Field	Field Definition		Requires Additional Field Defs	Data Format
firstname	Patient First Name	X	<input type="checkbox"/>	Select...
middlename	Patient Middle Name	X	<input type="checkbox"/>	Select...
lastname	Patient Last Name	X	<input type="checkbox"/>	Select...
123mainst	Patient 1st Address / Street Line 1	X	<input type="checkbox"/>	Select...
phoenix	Patient 1st Address / City	X	<input type="checkbox"/>	Select...
az	Patient 1st Address / State	X	<input type="checkbox"/>	Select...
85004	Patient 1st Address / Zip Code	X	<input type="checkbox"/>	Select...
7458008473	Patient Phone Number	X	<input type="checkbox"/>	Select...
maidenname	Mother Maiden Name	X	<input type="checkbox"/>	Select...
guardianfirstname	Guardian First Name	X	<input type="checkbox"/>	Select...
dob	Patient DOB	X	<input type="checkbox"/>	MM/DD/YYYY X
gender	Patient Gender Code	X	<input type="checkbox"/>	Select...
cvx	Lot Import CVX Code	X	<input type="checkbox"/>	Select...
immzdate	Immunization Date	X	<input type="checkbox"/>	MM/DD/YYYY X
lotnumber	Lot Import Lot Number	X	<input type="checkbox"/>	Select...
expirationdate	Lot Import Expiration Date	X	<input type="checkbox"/>	Select...
manufacturer	Lot Import Manufacturer Code	X	<input type="checkbox"/>	Select...

Inventory Information

- a. Settings to be completed for the facility. Search in the IIS for the facility and edit.
 - i. External Facility Inventory ID – assigned by state and is unique to the facility.
NOTE: Recommend to not lead with zeros
 - ii. Vaccine Management > Import Inventory Data from IIS (checkbox)



The screenshot shows two side-by-side forms. The left form is titled 'Facility Maintenance Update' and contains fields for Facility Name, Organization, External Facility Inventory ID (highlighted in yellow), Facility ID, Street Address, Street Address 2, City, State, Zip Code, County/Parish, Phone Number, Phone Number Extension, and Fax Number. The right form is titled 'Vaccine Management' and contains fields for Certifying Provider, Certifying Provider Phone, Certifying Provider Fax, Certifying Provider Email, Agreement Signatory Name, Agreement Signatory Title, Import Inventory Data From IIS (checkbox, checked and highlighted in yellow), Original VFC Cert Date, Current Certification Date, Freezer average temperature of 5°F or colder, and Separate, insulated freezer door.

Sample line:

123,XYZ123,PMC,01/13/2021,106,,SIISCLIENT667,100,8,Create,106

DTT Profile Creator - Assign Fields			
Sample Field	Field Definition	Requires Additional Field Defs	Data Format
123	Lot Import External Facility Id	<input type="checkbox"/>	Select...
XYZ123	Lot Import Lot Number	<input type="checkbox"/>	Select...
PMC	Lot Import Manufacturer Code	<input type="checkbox"/>	Select...
01/13/2021	Lot Import Expiration Date	<input type="checkbox"/>	MM/DD/YYYY
106	Lot Import CVX Code	<input type="checkbox"/>	Select...
	Lot Import Publicly Supplied	<input type="checkbox"/>	Select...
SIISCLIENT667	Lot Import Facility Id	<input type="checkbox"/>	Select...
100	Lot Import Dose Count	<input type="checkbox"/>	Select...
8	Lot Import Action Code	<input type="checkbox"/>	Select...
Create	Lot Import Update Type	<input type="checkbox"/>	Select...
106	Lot Import Vaccine Code	<input type="checkbox"/>	Select...



School Roster Information

Sample line:

599433,2,101002,599433,Test,Bob,Jones,1/1/2011,745-400-8500,420 Independence Dr,Rock Springs,WY,82901,1/1/2016,F

DTT Profile Creator - Assign Fields			
Sample Field	Field Definition	Requires Additional Field Defs	Data Format
599433	Medical Record Number x	<input type="checkbox"/>	Select...
2	Patient Grade x	<input type="checkbox"/>	Select...
101002	School External School Id x	<input type="checkbox"/>	Select...
599433	Patient Student ID x	<input type="checkbox"/>	Select...
Test	Patient First Name x	<input type="checkbox"/>	Select...
Bob	Patient Middle Name x	<input type="checkbox"/>	Select...
Jones	Patient Last Name x	<input type="checkbox"/>	Select...
1/1/2011	Patient DOB x	<input type="checkbox"/>	MM/DD/YYYY x
745-400-8500	Patient Phone Number x	<input type="checkbox"/>	Select...
420 Independence Dr	Patient 1st Address / Street Line 1 x	<input type="checkbox"/>	Select...
Rock Springs	Patient 1st Address / City x	<input type="checkbox"/>	Select...
WY	Patient 1st Address / State x	<input type="checkbox"/>	Select...
82901	Patient 1st Address / Zip Code x	<input type="checkbox"/>	Select...
1/1/2016	School Entry Date x	<input type="checkbox"/>	MM/DD/YYYY x
F	Patient Gender Code x	<input type="checkbox"/>	Select...

Mass Immunization Information

Sample line:

firstname,middlename,lastname,123mainst,phoenix,az,85004,7458008473,maidenname,guardianfirstname,dob,gender,tier,campaign

DTT Profile Creator - Assign Fields			
Sample Field	Field Definition	Requires Additional Field Defs	Data Format
firstname	Patient First Name x	<input type="checkbox"/>	Select...
middlename	Patient Middle Name x	<input type="checkbox"/>	Select...
lastname	Patient Last Name x	<input type="checkbox"/>	Select...
123mainst	Patient 1st Address / Street Line 1 x	<input type="checkbox"/>	Select...
phoenix	Patient 1st Address / City x	<input type="checkbox"/>	Select...
az	Patient 1st Address / State x	<input type="checkbox"/>	Select...
85004	Patient 1st Address / Zip Code x	<input type="checkbox"/>	Select...
745808473	Patient Phone Number x	<input type="checkbox"/>	Select...
maidenname	Mother Maiden Name x	<input type="checkbox"/>	Select...
guardianfirstname	Guardian First Name x	<input type="checkbox"/>	Select...
dob	Patient DOB x	<input type="checkbox"/>	Select...
gender	Patient Gender Code x	<input type="checkbox"/>	Select...
tier	Tier x	<input type="checkbox"/>	Select...
campaign	Campaign x	<input type="checkbox"/>	Select...

10. Select **Submit Definitions** for any values that will need to be further defined. For Example

Patient Gender Codes

DTT Profile Creator - Define Patient Gender Code	
Code	Description
F	FEMALE
M	MALE
O	OTHER
U	UNKNOWN

11. Select **Submit Data Mappings**

12. Select **Next**

DTT Profile Creator - Required Mappings	
Fields Requiring Data Mappings	
DefinePatient Grade	DefinePatient Gender Code

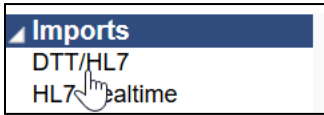
13. Select **Save Profile**

DTT Profile Creator - Define Default Value	
Field Definition	Default Value
--select--	

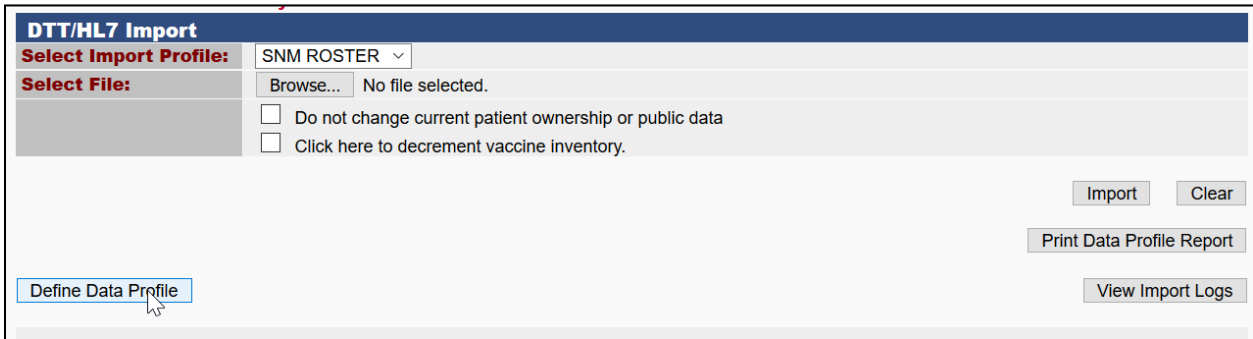
14. The **Profile** is now saved.

Edit your Existing Import Profile

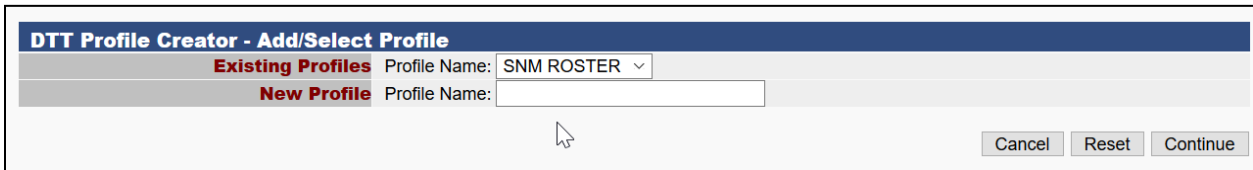
1. Login in IWeb as a registry client and select the **Organization** that you want to upload the file to.
2. Select **Imports>DTT/HL7**



3. Select **your Import Profile** and select **Define Data Profile**



4. Select your profile name from the **Existing Profile** list and select **Continue**.

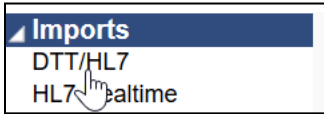


5. Repeat steps #6-14 from the **Set Up Import Profile** section.

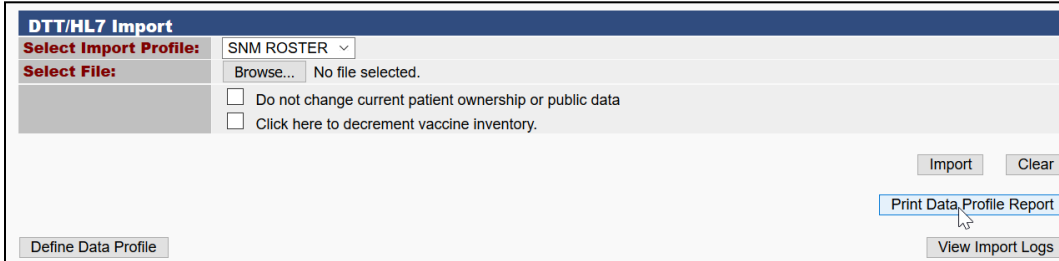
Print Data Profile Report

To view how you have defined an import profile:

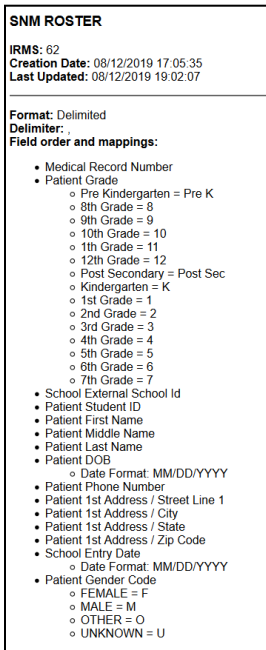
1. Login in IWeb as a registry client and select the **organization** that you want to upload the file to.
2. Select **Imports>DTT/HL7**



3. Select the **Import Profile** you would like the report for.
4. Select **Print Data Profile Report**



5. A new tab will open in your browser.

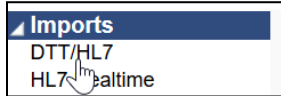


Import File

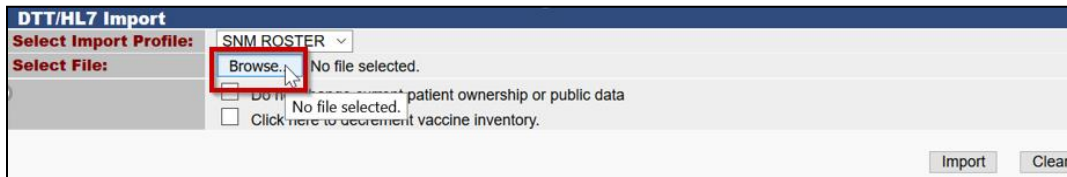
1. Load all your records into a sheet in Excel. The excel sheet columns should match the sample file format. Save the excel sheet as .csv.

NOTE: Remove headers from the CSV file before importing.

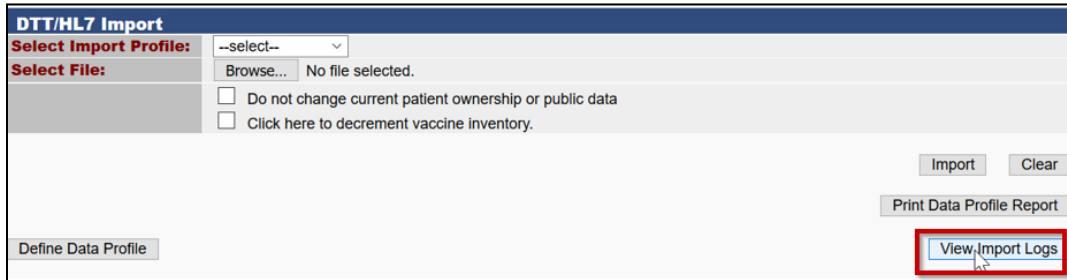
2. Login in IWeb as a registry client and select the **Organization** that you want to upload the file to.
3. Select **Imports>DTT/HL7**



4. Select your **Import Profile**
5. Select your file by clicking on **Browse**



6. Select your file.
7. Select **Import**.
8. You will get two emails, one when the DTT Upload has begun and when the DTT Upload is complete.
9. Once the upload is complete, select **View Import Logs**.



10. Select the upload that you want to see errors for. If there are no errors, the selection will be empty.

DTT Import Logs									
View Errors	Profile Name	Import File	Date	Historical	Decrement	Total Records	Errors	Completed	
-->	SNM ROSTER	SNM Upload Test File .csv	2019-08-12 12:25	N	N	1	1	Y	
-->	SNM ROSTER	SNM Upload Test File .csv	2019-08-12 11:06	N	N	1	1	Y	

Back

11. Run Deduplication to process any records in dedup.



Appendices

Appendix A: Vaccine Codes

CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
1	DTP	diphtheria, tetanus toxoids and pertussis vaccine	Inactive	5/28/2010
2	OPV	trivalent poliovirus vaccine, live, oral	Inactive	2/10/2017
3	MMR	measles, mumps and rubella virus vaccine	Active	5/28/2010
4	M/R	measles and rubella virus vaccine	Inactive	5/28/2010
5	measles	measles virus vaccine	Inactive	8/31/2010
6	rubella	rubella virus vaccine	Inactive	6/18/2015
7	mumps	mumps virus vaccine	Inactive	6/18/2015
8	Hep B, adolescent or pediatric	hepatitis B vaccine, pediatric or pediatric/adolescent dosage	Active	5/10/2018
9	Td (adult), 2 Lf tetanus toxoid, preservative free, adsorbed	tetanus and diphtheria toxoids, adsorbed, preservative free, for adult use (2 Lf of tetanus toxoid and 2 Lf of diphtheria toxoid)	Active	10/27/2017
10	IPV	poliovirus vaccine, inactivated	Active	5/28/2010
11	pertussis	pertussis vaccine	Inactive	5/28/2010
12	diphtheria antitoxin	diphtheria antitoxin	Active	5/28/2010
13	TIG	tetanus immune globulin	Active	5/28/2010
14	IG, unspecified formulation	immune globulin, unspecified formulation	Inactive	9/30/2010
15	influenza, split (incl. purified surface antigen)	influenza virus vaccine, split virus (incl. purified surface antigen)-retired CODE	Inactive	9/30/2010
16	influenza, whole	influenza virus vaccine, whole virus	Inactive	5/28/2010
17	Hib, unspecified formulation	Haemophilus influenzae type b vaccine, conjugate unspecified formulation	Inactive	9/30/2010
18	rabies, intramuscular injection	rabies vaccine, for intramuscular injection RETIRED CODE	Inactive	10/18/2016
19	BCG	Bacillus Calmette-Guerin vaccine	Active	5/28/2010



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
20	DTaP	diphtheria, tetanus toxoids and acellular pertussis vaccine	Active	5/28/2010
21	varicella	varicella virus vaccine	Active	5/28/2010
22	DTP-Hib	DTP-Haemophilus influenzae type b conjugate vaccine	Inactive	3/23/2017
23	plague	plague vaccine	Inactive	5/17/2018
24	anthrax	anthrax vaccine	Active	6/11/2019
25	typhoid, oral	typhoid vaccine, live, oral	Active	5/28/2010
26	cholera, unspecified formulation	cholera vaccine, unspecified formulation	Inactive	6/17/2016
27	botulinum antitoxin	botulinum antitoxin	Active	5/28/2010
28	DT (pediatric)	diphtheria and tetanus toxoids, adsorbed for pediatric use	Active	5/28/2010
29	CMVIG	cytomegalovirus immune globulin, intravenous	Active	5/28/2010
30	HBIG	hepatitis B immune globulin	Active	5/28/2010
31	Hep A, pediatric, unspecified formulation	hepatitis A vaccine, pediatric dosage, unspecified formulation	Inactive	9/30/2010
32	meningococcal MPSV4	meningococcal polysaccharide vaccine (MPSV4)	Inactive	10/27/2017
33	pneumococcal polysaccharide PPV23	pneumococcal polysaccharide vaccine, 23 valent	Active	5/28/2010
34	RIG	rabies immune globulin	Active	5/28/2010
35	tetanus toxoid, adsorbed	tetanus toxoid, adsorbed	Inactive	8/14/2015
36	VZIG	varicella zoster immune globulin	Active	5/28/2010
37	yellow fever	yellow fever vaccine	Active	3/2/2017
38	rubella/mumps	rubella and mumps virus vaccine	Inactive	5/28/2010
39	Japanese encephalitis SC	Japanese Encephalitis Vaccine SC	Inactive	9/24/2015
40	rabies, intradermal injection	rabies vaccine, for intradermal injection	Inactive	6/18/2015
41	typhoid, parenteral	typhoid vaccine, parenteral, other than acetone-killed, dried	Inactive	8/13/2015
42	Hep B, adolescent/high risk infant	hepatitis B vaccine, adolescent/high risk infant dosage	Inactive	5/28/2010
43	Hep B, adult	hepatitis B vaccine, adult dosage	Active	5/10/2018



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
44	Hep B, dialysis	hepatitis B vaccine, dialysis patient dosage	Active	5/8/2019
45	Hep B, unspecified formulation	hepatitis B vaccine, unspecified formulation	Inactive	9/30/2010
46	Hib (PRP-D)	Haemophilus influenzae type b vaccine, PRP-D conjugate	Inactive	5/28/2010
47	Hib (HbOC)	Haemophilus influenzae type b vaccine, HbOC conjugate	Inactive	5/28/2010
48	Hib (PRP-T)	Haemophilus influenzae type b vaccine, PRP-T conjugate	Active	5/28/2010
49	Hib (PRP-OMP)	Haemophilus influenzae type b vaccine, PRP-OMP conjugate	Active	5/28/2010
50	DTaP-Hib	DTaP-Haemophilus influenzae type b conjugate vaccine	Inactive	3/20/2017
51	Hib-Hep B	Haemophilus influenzae type b conjugate and Hepatitis B vaccine	Inactive	3/11/2016
52	Hep A, adult	hepatitis A vaccine, adult dosage	Active	5/28/2010
53	typhoid, parenteral, AKD (U.S. military)	typhoid vaccine, parenteral, acetone-killed, dried (U.S. military)	Inactive	6/18/2015
54	adenovirus, type 4	adenovirus vaccine, type 4, live, oral	Inactive	5/28/2010
55	adenovirus, type 7	adenovirus vaccine, type 7, live, oral	Inactive	5/28/2010
56	dengue fever	dengue fever vaccine	Active	9/24/2019
57	hantavirus	hantavirus vaccine	Never Active	5/28/2010
58	Hep C	hepatitis C vaccine	Never Active	5/28/2010
59	Hep E	hepatitis E vaccine	Never Active	5/28/2010
60	herpes simplex 2	herpes simplex virus, type 2 vaccine	Never Active	5/28/2010
61	HIV	human immunodeficiency virus vaccine	Never Active	5/28/2010
62	HPV, quadrivalent	human papilloma virus vaccine, quadrivalent	Inactive	5/28/2010



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
63	Junin virus	Junin virus vaccine	Never Active	5/28/2010
64	leishmaniasis	leishmaniasis vaccine	Never Active	5/28/2010
65	leprosy	leprosy vaccine	Never Active	5/28/2010
66	Lyme disease	Lyme disease vaccine	Inactive	5/28/2010
67	malaria	malaria vaccine	Never Active	5/28/2010
68	melanoma	melanoma vaccine	Never Active	5/28/2010
69	parainfluenza-3	parainfluenza-3 virus vaccine	Inactive	5/28/2010
70	Q fever	Q fever vaccine	Never Active	5/28/2010
71	RSV-IGIV	respiratory syncytial virus immune globulin, intravenous	Active	5/28/2010
72	rheumatic fever	rheumatic fever vaccine	Never Active	5/28/2010
73	Rift Valley fever	Rift Valley fever vaccine	Never Active	5/28/2010
74	rotavirus, tetravalent	rotavirus, live, tetravalent vaccine	Inactive	5/28/2010
75	vaccinia (smallpox)	vaccinia (smallpox) vaccine	Active	5/28/2010
76	Staphylococcus bacterio lysate	Staphylococcus bacteriophage lysate	Inactive	5/28/2010
77	tick-borne encephalitis	tick-borne encephalitis vaccine	Non-US	10/27/2017
78	tularemia vaccine	tularemia vaccine	Inactive	5/28/2010
79	vaccinia immune globulin	vaccinia immune globulin	Active	5/28/2010
80	VEE, live	Venezuelan equine encephalitis, live, attenuated	Inactive	5/28/2010
81	VEE, inactivated	Venezuelan equine encephalitis, inactivated	Inactive	5/28/2010
82	adenovirus, unspecified formulation	adenovirus vaccine, unspecified formulation	Inactive	9/30/2010
83	Hep A, ped/adol, 2 dose	hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule	Active	5/28/2010



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
84	Hep A, ped/adol, 3 dose	hepatitis A vaccine, pediatric/adolescent dosage, 3 dose schedule	Inactive	5/28/2010
85	Hep A, unspecified formulation	hepatitis A vaccine, unspecified formulation	Inactive	9/30/2010
86	IG	immune globulin, intramuscular	Active	5/28/2010
87	IGIV	immune globulin, intravenous	Active	5/28/2010
88	influenza, unspecified formulation	influenza virus vaccine, unspecified formulation	Inactive	9/30/2010
89	polio, unspecified formulation	poliovirus vaccine, unspecified formulation	Inactive	9/30/2010
90	rabies, unspecified formulation	rabies vaccine, unspecified formulation	Inactive	9/30/2010
91	typhoid, unspecified formulation	typhoid vaccine, unspecified formulation	Inactive	9/30/2010
92	VEE, unspecified formulation	Venezuelan equine encephalitis vaccine, unspecified formulation	Inactive	9/30/2010
93	RSV-MAb	respiratory syncytial virus monoclonal antibody (palivizumab), intramuscular	Active	5/28/2010
94	MMRV	measles, mumps, rubella, and varicella virus vaccine	Active	5/28/2010
95	TST-OT tine test	tuberculin skin test; old tuberculin, multipuncture device	Inactive	5/28/2010
96	TST-PPD intradermal	tuberculin skin test; purified protein derivative solution, intradermal	Inactive	5/28/2010
97	TST-PPD tine test	tuberculin skin test; purified protein derivative, multipuncture device	Inactive	5/28/2010
98	TST, unspecified formulation	tuberculin skin test; unspecified formulation	Inactive	9/30/2010
100	pneumococcal conjugate PCV 7	pneumococcal conjugate vaccine, 7 valent	Inactive	6/26/2014
101	typhoid, ViCPs	typhoid Vi capsular polysaccharide vaccine	Active	5/28/2010
102	DTP-Hib-Hep B	DTP- Haemophilus influenzae type b conjugate and hepatitis b vaccine	Non-US	5/20/2016
103	meningococcal C conjugate	meningococcal C conjugate vaccine	Inactive	5/28/2010



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
104	Hep A-Hep B	hepatitis A and hepatitis B vaccine	Active	5/28/2010
105	vaccinia (smallpox) diluted	vaccinia (smallpox) vaccine, diluted	Inactive	5/28/2010
106	DTaP, 5 pertussis antigens	diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens	Active	5/28/2010
107	DTaP, unspecified formulation	diphtheria, tetanus toxoids and acellular pertussis vaccine, unspecified formulation	Inactive	9/30/2010
108	meningococcal ACWY, unspecified formulation	meningococcal ACWY vaccine, unspecified formulation	Inactive	12/1/2015
109	pneumococcal, unspecified formulation	pneumococcal vaccine, unspecified formulation	Inactive	9/30/2010
110	DTaP-Hep B-IPV	DTaP-hepatitis B and poliovirus vaccine	Active	5/28/2010
111	influenza, live, intranasal	influenza virus vaccine, live, attenuated, for intranasal use	Inactive	9/22/2014
112	tetanus toxoid, unspecified formulation	tetanus toxoid, unspecified formulation	Inactive	9/30/2010
113	Td (adult), 5 Lf tetanus toxoid, preservative free, adsorbed	tetanus and diphtheria toxoids, adsorbed, preservative free, for adult use (5 Lf of tetanus toxoid and 2 Lf of diphtheria toxoid)	Active	10/27/2017
114	meningococcal MCV4P	meningococcal polysaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4P)	Active	5/28/2010
115	Tdap	tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine, adsorbed	Active	5/28/2010
116	rotavirus, pentavalent	rotavirus, live, pentavalent vaccine	Active	5/28/2010
117	VZIG (IND)	varicella zoster immune globulin (Investigational New Drug)	Inactive	5/28/2010
118	HPV, bivalent	human papilloma virus vaccine, bivalent	Inactive	5/28/2010
119	rotavirus, monovalent	rotavirus, live, monovalent vaccine	Active	5/28/2010



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
120	DTaP-Hib-IPV	diphtheria, tetanus toxoids and acellular pertussis vaccine, Haemophilus influenzae type b conjugate, and poliovirus vaccine, inactivated (DTaP-Hib-IPV)	Active	5/28/2010
121	zoster live	zoster vaccine, live	Active	5/28/2010
122	rotavirus, unspecified formulation	rotavirus vaccine, unspecified formulation	Inactive	9/30/2010
123	influenza, H5N1-1203	influenza virus vaccine, H5N1, A/Vietnam/1203/2004 (national stockpile)	Inactive	5/28/2010
125	Novel Influenza-H1N1-09, nasal	Novel Influenza-H1N1-09, live virus for nasal administration	Inactive	8/28/2010
126	Novel influenza-H1N1-09, preservative-free	Novel influenza-H1N1-09, preservative-free, injectable	Inactive	8/28/2010
127	Novel influenza-H1N1-09	Novel influenza-H1N1-09, injectable	Inactive	8/28/2010
128	Novel Influenza-H1N1-09, all formulations	Novel influenza-H1N1-09, all formulations	Inactive	8/28/2010
129	Japanese Encephalitis, unspecified formulation	Japanese Encephalitis vaccine, unspecified formulation	Inactive	9/30/2010
130	DTaP-IPV	Diphtheria, tetanus toxoids and acellular pertussis vaccine, and poliovirus vaccine, inactivated	Active	5/28/2010
131	typhus, historical	Historical record of a typhus vaccination	Inactive	5/28/2010
132	DTaP-IPV-HIB-HEP B, historical	Historical diphtheria and tetanus toxoids and acellular pertussis, poliovirus, Haemophilus b conjugate and hepatitis B (recombinant) vaccine.	Inactive	5/10/2018
133	Pneumococcal conjugate PCV 13	pneumococcal conjugate vaccine, 13 valent	Active	5/28/2010
134	Japanese Encephalitis IM	Japanese Encephalitis vaccine for intramuscular administration	Active	5/28/2010
135	Influenza, high dose seasonal	influenza, high dose seasonal, preservative-free	Active	5/28/2010



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
136	Meningococcal MCV40	meningococcal oligosaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV40)	Active	5/28/2010
137	HPV, unspecified formulation	HPV, unspecified formulation	Inactive	9/30/2010
138	Td (adult)	tetanus and diphtheria toxoids, not adsorbed, for adult use	Inactive	9/30/2010
139	Td(adult) unspecified formulation	Td(adult) unspecified formulation	Inactive	8/27/2019
140	Influenza, seasonal, injectable, preservative free	Influenza, seasonal, injectable, preservative free	Active	7/17/2013
141	Influenza, seasonal, injectable	Influenza, seasonal, injectable	Active	7/17/2013
142	tetanus toxoid, not adsorbed	tetanus toxoid, not adsorbed	Inactive	8/14/2015
143	Adenovirus types 4 and 7	Adenovirus, type 4 and type 7, live, oral	Active	3/20/2011
144	influenza, seasonal, intradermal, preservative free	seasonal influenza, intradermal, preservative free	Active	7/17/2013
145	RSV-MAb (new)	respiratory syncytial virus monoclonal antibody (motavizumab), intramuscular	Never Active	10/27/2017
146	DTaP,IPV,Hib,HepB	Diphtheria and Tetanus Toxoids and Acellular Pertussis Adsorbed, Inactivated Poliovirus, Haemophilus b Conjugate (Meningococcal Protein Conjugate), and Hepatitis B (Recombinant) Vaccine.	Active	5/2/2019
147	meningococcal MCV4, unspecified formulation	Meningococcal, MCV4, unspecified conjugate formulation(groups A, C, Y and W-135)	Inactive	2/8/2012
148	Meningococcal C/Y-HIB PRP	Meningococcal Groups C and Y and Haemophilus b Tetanus Toxoid Conjugate Vaccine	Inactive	5/11/2018
149	influenza, live, intranasal, quadrivalent	influenza, live, intranasal, quadrivalent	Active	7/17/2013
150	influenza, injectable, quadrivalent, preservative free	Influenza, injectable, quadrivalent, preservative free	Active	7/17/2013
151	influenza nasal, unspecified formulation	influenza nasal, unspecified formulation	Inactive	1/28/2013



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
152	Pneumococcal Conjugate, unspecified formulation	Pneumococcal Conjugate, unspecified formulation	Inactive	1/28/2013
153	Influenza, injectable, MDCK, preservative free	Influenza, injectable, Madin Darby Canine Kidney, preservative free	Inactive	6/24/2016
154	Hep A, IG	Hepatitis A immune globulin	Never Active	4/1/2013
155	influenza, recombinant, injectable, preservative free	Seasonal, trivalent, recombinant, injectable influenza vaccine, preservative free	Active	7/17/2013
156	Rho(D)-IG	Rho(D) Immune globulin- IV or IM	Active	7/26/2013
157	Rho(D) -IG IM	Rho(D) Immune globulin - IM	Active	8/13/2013
158	influenza, injectable, quadrivalent	influenza, injectable, quadrivalent, contains preservative	Active	8/20/2013
159	Rho(D) - Unspecified formulation	Rho(D) Unspecified formulation	Inactive	9/5/2013
160	Influenza A monovalent (H5N1), ADJUVANTED-2013	Influenza A monovalent (H5N1), adjuvanted, National stockpile 2013	Active	5/27/2014
161	Influenza, injectable, quadrivalent, preservative free, pediatric	Influenza, injectable, quadrivalent, preservative free, pediatric	Active	7/23/2014
162	meningococcal B, recombinant	meningococcal B vaccine, fully recombinant	Active	11/3/2014
163	meningococcal B, OMV	meningococcal B vaccine, recombinant, OMV, adjuvanted	Active	2/2/2015
164	meningococcal B, unspecified	meningococcal B, unspecified formulation	Inactive	11/3/2014
165	HPV9	Human Papillomavirus 9-valent vaccine	Active	12/11/2014
166	influenza, intradermal, quadrivalent, preservative free	influenza, intradermal, quadrivalent, preservative free, injectable	Active	12/15/2014
167	meningococcal, unknown serogroups	meningococcal vaccine of unknown formulation and unknown serogroups	Inactive	12/1/2015
168	influenza, trivalent, adjuvanted	Seasonal trivalent influenza vaccine, adjuvanted, preservative free	Active	12/10/2015
169	Hep A, live attenuated	Hep A, live attenuated-IM	Non-US	5/10/2016



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
170	DTAP/IPV/HIB - non-US	non-US diphtheria, tetanus toxoids and acellular pertussis vaccine, Haemophilus influenzae type b conjugate, and poliovirus vaccine, inactivated (DTaP-Hib-IPV)	Non-US	5/20/2016
171	Influenza, injectable, MDCK, preservative free, quadrivalent	Influenza, injectable, Madin Darby Canine Kidney, preservative free, quadrivalent	Active	6/16/2016
172	cholera, WC-rBS	cholera, WC-rBS	Non-US	6/17/2016
173	cholera, BivWC	cholera, BivWC	Non-US	6/17/2016
174	cholera, live attenuated	cholera, live attenuated	Active	6/17/2016
175	Rabies - IM Diploid cell culture	Human Rabies vaccine from human diploid cell culture	Active	10/18/2016
176	Rabies - IM fibroblast culture	Human rabies vaccine from Chicken fibroblast culture	Active	10/18/2016
177	PCV10	pneumococcal conjugate vaccine, 10 valent	Non-US	12/19/2016
178	OPV bivalent	Non-US bivalent oral polio vaccine (types 1 and 3)	Non-US	1/17/2017
179	OPV ,monovalent, unspecified	Non-US monovalent oral polio vaccine, unspecified formulation	Non-US	1/17/2017
180	tetanus immune globulin	tetanus immune globulin	Inactive	2/6/2017
181	anthrax immune globulin	anthrax immune globulin	Active	1/31/2017
182	OPV, Unspecified	Oral Polio Vaccine, Unspecified formulation	Inactive	1/17/2017
183	Yellow fever vaccine - alt	Yellow fever vaccine alternative formulation	Active	3/2/2017
184	Yellow fever, unspecified formulation	Yellow fever vaccine, unspecified formulation	Inactive	3/2/2017
185	influenza, recombinant, quadrivalent,injectable, preservative free	Seasonal, quadrivalent, recombinant, injectable influenza vaccine, preservative free	Active	4/21/2017
186	Influenza, injectable, MDCK, quadrivalent, preservative	Influenza, injectable, Madin Darby Canine Kidney, quadrivalent with preservative	Active	6/27/2017



CVX Code	Short Description	Full Vaccine name	Vaccine Status	Last Updated Date
187	zoster recombinant	zoster vaccine recombinant	Active	10/27/2017
188	zoster, unspecified formulation	zoster vaccine, unspecified formulation	Inactive	10/27/2017
189	HepB-CpG	Hepatitis B vaccine (recombinant), CpG adjuvanted	Active	5/10/2018
190	Typhoid conjugate vaccine (TCV)	Typhoid conjugate vaccine (non-US)	Non-US	5/10/2018
191	meningococcal A polysaccharide (non-US)	meningococcal A polysaccharide vaccine (non-US)	Non-US	5/10/2018
192	meningococcal AC polysaccharide (non-US)	meningococcal AC polysaccharide vaccine (non-US)	Non-US	5/10/2018
193	Hep A-Hep B, pediatric/adolescent	hepatitis A and hepatitis B vaccine, pediatric/adolescent (non-US)	Non-US	8/21/2018
194	Influenza, Southern Hemisphere	Influenza, Southern Hemisphere, unspecified formulation (Non-US)	Non-US	4/21/2020
195	DT, IPV adsorbed	Diphtheria, Tetanus, Poliomyelitis adsorbed	Non-US	7/30/2019
196	Td, adsorbed, preservative free, adult use, Lf unspecified	tetanus and diphtheria toxoids, adsorbed, preservative free, for adult use, Lf unspecified	Active	8/15/2019
197	influenza, high-dose, quadrivalent	influenza, high-dose seasonal, quadrivalent, preservative free	Active	1/29/2020
198	DTP-hepB-Hib Pentavalent Non-US	Diphtheria, pertussis, tetanus, hepatitis B, Haemophilus Influenza Type b, (Pentavalent)	Non-US	4/22/2020
200	influenza, Southern Hemisphere, pediatric, preservative free	influenza, seasonal, Southern Hemisphere, quadrivalent, pediatric 0.25mL dose, preservative free	Active	5/6/2020
201	influenza, Southern Hemisphere, preservative free	influenza, seasonal, Southern Hemisphere, quadrivalent, 0.5mL dose, no preservative	Active	5/6/2020
202	influenza, Southern Hemisphere, quadrivalent, with preservative	influenza, seasonal, Southern Hemisphere, quadrivalent, 0.5mL dose, with preservative	Active	5/6/2020
801	AS03 Adjuvant	AS03 Adjuvant	Active	2/7/2014



Appendix B: Vaccine Codes with Product Name/Manufacturer

CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
2	ORIMUNE	OPV			Inactive	Inactive	9/1/2010
3	M-M-R II	MMR	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
5	ATTENUVAX	measles	Merck and Co., Inc.	MSD	Active	Inactive	4/28/2015
6	MERUVAX II	rubella	Merck and Co., Inc.	MSD	Active	Inactive	4/28/2015
7	MUMPSVAX	mumps			Inactive	Inactive	9/1/2010
8	ENGERIX B-PEDS	Hep B, adolescent or pediatric	GlaxoSmithKline	SKB	Active	Active	8/9/2013
8	RECOMBIVAX-PEDS	Hep B, adolescent or pediatric	Merck and Co., Inc.	MSD	Active	Active	8/9/2013
9	Td, adsorbed	Td (adult), 2 Lf tetanus toxoid, preservative free, adsorbed	Massachusetts Biologic Laboratories	MBL	Active	Inactive	5/21/2019
9	Td, adsorbed	Td (adult), 2 Lf tetanus toxoid, preservative free, adsorbed	Grifols	GRF	Active	Inactive	5/21/2019
9	TDVAX	Td (adult), 2 Lf tetanus toxoid, preservative free, adsorbed	Massachusetts Biologic Laboratories	MBL	Active	Active	5/21/2019
10	IPOL	IPV	Sanofi Pasteur	PMC	Active	Active	5/28/2010
18	Imovax	rabies, intramuscular injection	Sanofi Pasteur	PMC	Active	Inactive	12/12/2016
18	RabAvert	rabies, intramuscular injection	Chiron Corporation	CHI	Inactive	Inactive	3/22/2016
19	MYCOBAX	BCG			Inactive	Inactive	12/11/2015
19	TICE BCG	BCG	Organon Teknika Corporation	OTC	Active	Active	8/9/2013
20	ACEL-IMUNE	DTaP			Inactive	Inactive	9/1/2010
20	CERTIVA	DTaP			Inactive	Inactive	9/1/2010
20	INFANRIX	DTaP	GlaxoSmithKline	SKB	Active	Active	5/28/2010
20	TRIPEDIA	DTaP	Sanofi Pasteur	PMC	Active	Inactive	11/15/2017



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
21	VARIVAX	varicella	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
22	TETRAMUNE	DTP-Hib			Inactive	Inactive	9/1/2010
24	BIOTHRAX	anthrax	Emergent BioSolutions	MIP	Active	Active	8/9/2013
25	Vivotif	typhoid, oral	PaxVax	PAX	Active	Active	5/2/2016
25	VIVOTIF BERNA	typhoid, oral	Crucell	CRU	Inactive	Inactive	5/2/2016
28	DT(GENERIC)	DT (pediatric)	Sanofi Pasteur	PMC	Active	Active	5/28/2010
32	MENOMUNE	meningococcal MPSV4	Sanofi Pasteur	PMC	Active	Inactive	10/27/2017
33	PNEUMOVAX 23	pneumococcal polysaccharide PPV23	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
35	TETANUS TOXOID (GENERIC)	tetanus toxoid, adsorbed	Sanofi Pasteur	PMC	Active	Inactive	5/28/2010
37	YF-VAX	yellow fever	Sanofi Pasteur	PMC	Active	Active	5/28/2010
38	BIAVAX II	rubella/mumps			Inactive	Inactive	9/1/2010
39	JE-VAX	Japanese encephalitis SC	The Research Foundation for Microbial Diseases of Osaka University (BIKEN)	JPN	Inactive	Inactive	4/29/2015
40	IMOVAX ID	rabies, intradermal injection	Sanofi Pasteur	PMC	Active	Inactive	11/22/2016
43	ENGERIX-B-ADULT	Hep B, adult	GlaxoSmithKline	SKB	Active	Active	5/28/2010
43	RECOMBIVAX-ADULT	Hep B, adult	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
44	RECOMBIVAX-DIALYSIS	Hep B, dialysis	Merck and Co., Inc.	MSD	Active	Active	8/9/2013
46	PROHIBIT	Hib (PRP-D)			Inactive	Inactive	9/1/2010
47	HIBTITER	Hib (HbOC)			Inactive	Inactive	8/18/2010
48	ACTHIB	Hib (PRP-T)	Sanofi Pasteur	PMC	Active	Active	5/28/2010
48	HIBERIX	Hib (PRP-T)	GlaxoSmithKline	SKB	Active	Active	5/28/2010



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
48	OMNIHIB	Hib (PRP-T)			Inactive	Inactive	9/1/2010
49	PEDVAXHIB	Hib (PRP-OMP)	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
50	TRIHIBIT	DTaP-Hib	Sanofi Pasteur	PMC	Active	Inactive	3/21/2017
51	COMVAX	Hib-Hep B	Merck and Co., Inc.	MSD	Active	Inactive	3/11/2016
52	HAVRIX-ADULT	Hep A, adult	GlaxoSmithKline	SKB	Active	Active	5/28/2010
52	VAQTA-ADULT	Hep A, adult	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
53	TYPHOID-AKD	typhoid, parenteral, AKD (U.S. military)			Inactive	Inactive	8/9/2013
56	DENGVAXIA	dengue fever	Sanofi Pasteur	PMC	Active	Active	9/4/2019
62	GARDASIL	HPV, quadrivalent	Merck and Co., Inc.	MSD	Active	Inactive	5/28/2010
75	ACAM2000	vaccinia (smallpox)	Acambis, Inc	ACA	Inactive	Inactive	5/28/2010
75	ACAM2000	vaccinia (smallpox)	Sanofi Pasteur	PMC	Active	Active	5/28/2010
75	DRYVAX	vaccinia (smallpox)			Inactive	Inactive	9/1/2010
83	HAVRIX-PEDS	Hep A, ped/adol, 2 dose	GlaxoSmithKline	SKB	Active	Active	8/9/2013
83	VAQTA-PEDS	Hep A, ped/adol, 2 dose	Merck and Co., Inc.	MSD	Active	Active	8/9/2013
94	PROQUAD	MMRV	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
100	PREVNAR 7	pneumococcal conjugate PCV 7	Wyeth	WAL	Active	Inactive	9/24/2015
100	PREVNAR 7	pneumococcal conjugate PCV 7	Wyeth	WAL	Active	Inactive	9/24/2015
101	TYPHIM VI	typhoid, ViCps	Sanofi Pasteur	PMC	Active	Active	5/28/2010
104	TWINRIX	Hep A-Hep B	GlaxoSmithKline	SKB	Active	Active	5/28/2010
106	DAPTACEL	DTaP, 5 pertussis antigens	Sanofi Pasteur	PMC	Active	Active	5/28/2010
110	PEDIARIX	DTaP-Hep B-IPV	GlaxoSmithKline	SKB	Active	Active	5/28/2010
111	FLUMIST	influenza, live, intranasal	MedImmune, Inc. (AstraZeneca)	MED	Active	Inactive	10/23/2015
113	DECAVAC	Td (adult), 5 Lf tetanus toxoid, preservative free, adsorbed	Sanofi Pasteur	PMC	Active	Inactive	10/27/2017



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
113	Tenivac	Td (adult), 5 Lf tetanus toxoid, preservative free, adsorbed	Sanofi Pasteur	PMC	Active	Active	8/9/2013
114	MENACTRA	meningococcal MCV4P	Sanofi Pasteur	PMC	Active	Active	5/28/2010
115	ADACEL	Tdap	Sanofi Pasteur	PMC	Active	Active	5/28/2010
115	BOOSTRIX	Tdap	GlaxoSmithKline	SKB	Active	Active	5/28/2010
116	ROTATEQ	rotavirus, pentavalent	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
118	CERVARIX	HPV, bivalent	GlaxoSmithKline	SKB	Active	Inactive	11/22/2016
119	ROTARIX	rotavirus, monovalent	GlaxoSmithKline	SKB	Active	Active	5/28/2010
120	PENTACEL	DTaP-Hib-IPV	Sanofi Pasteur	PMC	Active	Active	5/28/2010
121	ZOSTAVAX	zoster live	Merck and Co., Inc.	MSD	Active	Active	5/28/2010
125	Novel Influenza-H1N1-09, nasal	Novel Influenza-H1N1-09, nasal	MedImmune, Inc. (AstraZeneca)	MED	Active	Inactive	8/27/2015
126	Novel influenza-H1N1-09, preservative-free	Novel influenza-H1N1-09, preservative-free	bioCSL	CSL	Inactive	Inactive	8/27/2015
126	Novel influenza-H1N1-09, preservative-free	Novel influenza-H1N1-09, preservative-free	Novartis Pharmaceutical Corporation	NOV	Inactive	Inactive	8/27/2015
126	Novel influenza-H1N1-09, preservative-free	Novel influenza-H1N1-09, preservative-free	Sanofi Pasteur	PMC	Active	Inactive	8/27/2015
127	Novel influenza-H1N1-09	Novel influenza-H1N1-09	bioCSL	CSL	Inactive	Inactive	8/27/2015



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
127	Novel influenza-H1N1-09	Novel influenza-H1N1-09	Novartis Pharmaceutical Corporation	NOV	Inactive	Inactive	8/27/2015
127	Novel influenza-H1N1-09	Novel influenza-H1N1-09	Sanofi Pasteur	PMC	Active	Inactive	8/27/2015
130	KINRIX	DTaP-IPV	GlaxoSmithKline	SKB	Active	Active	5/28/2010
130	Quadracel	DTaP-IPV	Sanofi Pasteur	PMC	Active	Active	3/26/2015
133	PREVNAR 13	Pneumococcal conjugate PCV 13	Pfizer, Inc	PFR	Active	Active	5/28/2010
133	PREVNAR 13	Pneumococcal conjugate PCV 13	Wyeth	WAL	Active	Inactive	5/28/2010
134	Ixiaro	Japanese Encephalitis IM	Valneva	VAL	Active	Active	7/19/2016
134	IXIARO	Japanese Encephalitis IM	Intercell Biomedical	INT	Inactive	Inactive	7/19/2016
134	IXIARO	Japanese Encephalitis IM	Vetter Pharma Fertigung GmbH & Co. KG	VET	Inactive	Active	12/4/2017
135	FLUZONE-HIGH DOSE	Influenza, high dose seasonal	Sanofi Pasteur	PMC	Active	Active	5/28/2010
136	Menveo	Meningococcal MCV40	GlaxoSmithKline	SKB	Active	Active	3/22/2016
136	MENVEO	Meningococcal MCV40	Novartis Pharmaceutical Corporation	NOV	Inactive	Active	3/22/2016
140	Afluria, preservative free	Influenza, seasonal, injectable, preservative free	Seqirus	SEQ	Active	Active	9/26/2016
140	Afluria, preservative free	Influenza, seasonal, injectable, preservative free	bioCSL	CSL	Inactive	Inactive	9/26/2016
140	AGRIFLU	Influenza, seasonal, injectable, preservative free	Novartis Pharmaceutical Corporation	NOV	Inactive	Inactive	11/15/2017



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
140	FLUARIX	Influenza, seasonal, injectable, preservative free	GlaxoSmithKline	SKB	Active	Active	9/27/2010
140	Flulaval, preservative free	Influenza, seasonal, injectable, preservative free	ID Biomedical	IDB	Active	Active	6/5/2017
140	Fluvirin preservative free	Influenza, seasonal, injectable, preservative free	Seqirus	SEQ	Active	Active	6/12/2017
140	FLUVIRIN-PRESERVATIVE FREE	Influenza, seasonal, injectable, preservative free	Novartis Pharmaceutical Corporation	NOV	Inactive	Active	8/9/2013
140	FLUZONE-PRESERVATIVE FREE	Influenza, seasonal, injectable, preservative free	Sanofi Pasteur	PMC	Active	Active	8/9/2013
141	Afluria	Influenza, seasonal, injectable	Seqirus	SEQ	Active	Active	9/26/2016
141	AFLURIA	Influenza, seasonal, injectable	bioCSL	CSL	Inactive	Inactive	9/26/2016
141	FLULAVAL	Influenza, seasonal, injectable	ID Biomedical	IDB	Active	Active	9/10/2013
141	FLUVIRIN	Influenza, seasonal, injectable	Novartis Pharmaceutical Corporation	NOV	Inactive	Active	9/27/2010
141	Fluvirin	Influenza, seasonal, injectable	Seqirus	SEQ	Active	Active	6/12/2017
141	FLUZONE	Influenza, seasonal, injectable	Sanofi Pasteur	PMC	Active	Active	9/27/2010
143	Adenovirus types 4 and 7	Adenovirus types 4 and 7	Barr Laboratories	BRR	Inactive	Inactive	7/30/2019
143	Adenovirus types 4 and 7	Adenovirus types 4 and 7	TEVA Pharmaceuticals USA	TVA	Active	Active	7/23/2019



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
144	Fluzone, intradermal	influenza, seasonal, intradermal, preservative free	Sanofi Pasteur	PMC	Active	Active	8/9/2013
146	VAXELIS	DTaP,IPV,Hib,HepB	Sanofi Pasteur	PMC	Active	Active	5/2/2019
148	MENHIBRIX	Meningococcal C/Y-HIB PRP	GlaxoSmithKline	SKB	Active	Inactive	11/15/2017
149	Flumist quadrivalent	influenza, live, intranasal, quadrivalent	MedImmune, Inc. (AstraZeneca)	MED	Active	Active	8/7/2012
150	Afluria quadrivalent preservative free	influenza, injectable, quadrivalent, preservative free	Seqirus	SEQ	Active	Active	10/4/2016
150	Fluarix, quadrivalent, preservative free	influenza, injectable, quadrivalent, preservative free	GlaxoSmithKline	SKB	Active	Active	8/9/2013
150	Flulaval, quadrivalent, preservative free	influenza, injectable, quadrivalent, preservative free	ID Biomedical	IDB	Active	Active	10/21/2014
150	Fluzone, quadrivalent, preservative free	influenza, injectable, quadrivalent, preservative free	Sanofi Pasteur	PMC	Active	Active	10/21/2014
153	Flucelvax	Influenza, injectable, MDCK, preservative free	Novartis Pharmaceutical Corporation	NOV	Inactive	Inactive	6/24/2016
155	Flublok	influenza, recombinant, injectable, preservative free	Protein Sciences	PSC	Inactive	Active	5/28/2013
158	Afluria, quadrivalent	influenza, injectable, quadrivalent	Seqirus	SEQ	Active	Active	10/4/2016



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
158	Flulaval quadrivalent	influenza, injectable, quadrivalent	ID Biomedical	IDB	Active	Active	9/10/2013
158	Fluzone, Quadrivalent	influenza, injectable, quadrivalent	Sanofi Pasteur	PMC	Active	Active	8/8/2013
160	Influenza A (H5N1) -2013	Influenza A monovalent (H5N1), ADJUVANTED-2013	ID Biomedical	IDB	Active	Active	1/16/2014
160	Influenza A monovalent (H5N1), ADJUVANTED-2013	Influenza A monovalent (H5N1), ADJUVANTED-2013	GlaxoSmithKline	SKB	Active	Inactive	8/27/2015
161	Afluria quadrivalent, preservative free, pediatric	Influenza, injectable, quadrivalent, preservative free, pediatric	Seqirus	SEQ	Active	Active	8/26/2019
161	Fluzone Quadrivalent, pediatric	Influenza, injectable, quadrivalent, preservative free, pediatric	Sanofi Pasteur	PMC	Active	Active	7/23/2014
162	Trumenba	meningococcal B, recombinant	Pfizer, Inc	PFR	Active	Active	11/3/2014
163	Bexsero	meningococcal B, OMV	GlaxoSmithKline	SKB	Active	Active	3/22/2016
163	Bexsero	meningococcal B, OMV	Novartis Pharmaceutical Corporation	NOV	Inactive	Active	2/2/2015
165	Gardasil 9	HPV9	Merck and Co., Inc.	MSD	Active	Active	12/11/2014
166	Fluzone Quad Intradermal	influenza, intradermal, quadrivalent, preservative free	Sanofi Pasteur	PMC	Active	Active	12/15/2014
168	Fluad	influenza, trivalent, adjuvanted	Novartis Pharmaceutical Corporation	NOV	Inactive	Active	8/9/2016



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
168	Fluad	influenza, trivalent, adjuvanted	Seqirus	SEQ	Active	Active	8/9/2016
171	flucelvax, quadrivalent, preservative free	Influenza, injectable, MDCK, preservative free, quadrivalent	Seqirus	SEQ	Active	Active	6/16/2016
174	VAXCHORA	cholera, live attenuated	PaxVax	PAX	Active	Active	6/17/2016
175	IMOVAX	Rabies - IM Diploid cell culture	Sanofi Pasteur	PMC	Active	Active	10/19/2016
176	RABAVERT	Rabies - IM fibroblast culture	GlaxoSmithKline	SKB	Active	Active	10/19/2016
176	RABAVERT	Rabies - IM fibroblast culture	Novartis Pharmaceutical Corporation	NOV	Inactive	Inactive	10/19/2016
183	Stamaril	Yellow fever vaccine - alt	Sanofi Pasteur	PMC	Active	Active	3/2/2017
185	Flublok quadrivalent	influenza, recombinant, quadrivalent, injectable, preservative free	Protein Sciences	PSC	Inactive	Inactive	5/2/2019
185	Flublok quadrivalent	influenza, recombinant, quadrivalent, injectable, preservative free	Sanofi Pasteur	PMC	Active	Active	5/2/2019
186	Flucelvax, quadrivalent, with preservative	Influenza, injectable, MDCK, quadrivalent, preservative	Seqirus	SEQ	Active	Active	6/27/2017
187	SHINGRIX	zoster recombinant	GlaxoSmithKline	SKB	Active	Active	10/27/2017
189	HEPLISAV-B	HepB-CpG	Dynavax, Inc.	DVX	Active	Active	10/27/2017
197	FLUZONE High-Dose Quadrivalent	influenza, high-dose, quadrivalent	Sanofi Pasteur	PMC	Active	Active	1/29/2020



CVX Code	CDC Product Name	Short Description	Manufacturer	MVX Code	MVX status	Product Name Status	Last Updated Date
200	FLUZONE Quadrivalent Southern Hemisphere, Pediatric	influenza, Southern Hemisphere, pediatric, preservative free	Sanofi Pasteur	PMC	Active	Active	4/21/2020
201	FLUZONE Quadrivalent Southern Hemisphere	influenza, Southern Hemisphere, preservative free	Sanofi Pasteur	PMC	Active	Active	3/12/2020
202	FLUZONE Quadrivalent Southern Hemisphere	influenza, Southern Hemisphere, quadrivalent, with preservative	Sanofi Pasteur	PMC	Active	Active	3/12/2020
801	AS03 adjuvant	AS03 Adjuvant	GlaxoSmithKline	SKB	Active	Inactive	9/11/2015



Appendix C: State County Codes (FIPS)

ALASKA

County	County Code
ALEUTIANS EAST BOROUGH	2013
ALEUTIANS WEST CENSUS AREA	2016
ANCHORAGE, MUNICIPALITY OF ANCHORAGE	2020
BETHEL CENSUS AREA	2050
BRISTOL BAY BOROUGH	2060
DENALI BOROUGH	2068
DILLINGHAM CENSUS AREA	2070
FAIRBANKS NORTH STAR BOROUGH	2090
HAINES BOROUGH	2100
HOONAH-ANGOON CENSUS AREA	2105
JUNEAU, CITY AND BOROUGH OF JUNEAU	2110
KENAI PENINSULA BOROUGH	2122
KETCHIKAN GATEWAY BOROUGH	2130
KODIAK ISLAND BOROUGH	2150
KUSILVAK CENSUS AREA	2158
LAKE AND PENINSULA BOROUGH	2164
MATANUSKA-SUSITNA BOROUGH	2170
NOME CENSUS AREA	2180
NORTH SLOPE BOROUGH	2185
NORTHWEST ARCTIC BOROUGH	2188
PETERSBURG BOROUGH	2195
PRINCE OF WALES – HYDER CENSUS AREA	2198
SITKA, CITY AND BOROUGH OF SITKA	2220
SKAGWAY, MUNICIPALITY OF SKAGWAY	2230
SOUTHEAST FAIRBANKS CENSUS AREA	2240
VALDEZ-CORDOVA CENSUS AREA	2261
WRANGELL, CITY AND BOROUGH OF WRANGELL	2275
YAKUTAT, CITY AND BOROUGH OF YAKUTAT	2282
YUKON-KOYUKUK CENSUS AREA	2290



ARIZONA

County	County Code
APACHE	4001
COCHISE	4003
COCONINO	4005
GILA	4007
GRAHAM	4009
GREENLEE	4011
LA PAZ	4012
MARICOPA	4013
MOHAVE	4015
NAVAJO	4017
PIMA	4019
PINAL	4021
SANTA CRUZ	4023
YAVAPAI	4025
YUMA	4027

INDIANA

County	County Code
ADAMS	18001
ALLEN	18003
BARTHOLOMEW	18005
BENTON	18007
BLACKFORD	18009
BOONE	18011
BROWN	18013
CARROLL	18015
CASS	18017
CLARK	18019
CLAY	18021
CLINTON	18023



County	County Code
CRAWFORD	18025
DAVISS	18027
DE KALB	18033
DEARBORN	18029
DECATUR	18031
DELAWARE	18035
DUBOIS	18037
ELKHART	18039
FAYETTE	18041
FLOYD	18043
FOUNTAIN	18045
FRANKLIN	18047
FULTON	18049
GIBSON	18051
GRANT	18053
GREENE	18055
HAMILTON	18057
HANCOCK	18059
HARRISON	18061
HENDRICKS	18063
HENRY	18065
HOWARD	18067
HUNTINGTON	18069
JACKSON	18071
JASPER	18073
JAY	18075
JEFFERSON	18077
JENNINGS	18079
JOHNSON	18081
KNOX	18083
KOSCIUSKO	18085
LA PORTE	18091
LAGRANGE	18087
LAKE	18089



County	County Code
LAWRENCE	18093
MADISON	18095
MARION	18097
MARSHALL	18099
MARTIN	18101
MIAMI	18103
MONROE	18105
MONTGOMERY	18107
MORGAN	18109
NEWTON	18111
NOBLE	18113
OHIO	18115
ORANGE	18117
OWEN	18119
PARKE	18121
PERRY	18123
PIKE	18125
PORTER	18127
POSEY	18129
PULASKI	18131
PUTNAM	18133
RANDOLPH	18135
RIPLEY	18137
RUSH	18139
SCOTT	18143
SHELBY	18145
SPENCER	18147
ST. JOSEPH	18141
STARKE	18149
STEUBEN	18151
SULLIVAN	18153
SWITZERLAND	18155
TIPPECANOE	18157
TIPTON	18159



County	County Code
UNION	18161
VANDEBURGH	18163
VERMILLION	18165
VIGO	18167
WABASH	18169
WARREN	18171
WARRICK	18173
WASHINGTON	18175
WAYNE	18177
WELLS	18179
WHITE	18181
WHITLEY	18183

LOUISIANA

County	County Code
ACADIA	22001
ALLEN	22003
ASCENSION	22005
ASSUMPTION	22007
AVOUELLES	22009
BEAUREGARD	22011
BIENVILLE	22013
BOSSIER	22015
CADDO	22017
CALCASIEU	22019
CALDWELL	22021
CAMERON	22023
CATAHOULA	22025
CLAIBORNE	22027
CONCORDIA	22029
DE SOTO	22031



County	County Code
EAST BATON ROUGE	22033
EAST CARROLL	22035
EAST FELICIANA	22037
EVANGELINE	22039
FRANKLIN	22041
GRANT	22043
IBERIA	22045
IBERVILLE	22047
JACKSON	22049
JEFFERSON	22051
JEFFERSON DAVIS	22053
LA SALLE	22059
LAFAYETTE	22055
LAFOURCHE	22057
LINCOLN	22061
LIVINGSTON	22063
MADISON	22065
MOREHOUSE	22067
NATCHITOCHE	22069
ORLEANS	22071
OUACHITA	22073
PLAQUEMINES	22075
POINTE COUPEE	22077
RAPIDES	22079
RED RIVER	22081
RICHLAND	22083
SABINE	22085
ST. BERNARD	22087
ST. CHARLES	22089
ST. HELENA	22091
ST. JAMES	22093
ST. JOHN THE BAPTIST	22095
ST. LANDRY	22097
ST. MARTIN	22099



County	County Code
ST. MARY	22101
ST. TAMMANY	22103
TANGIPAHOA	22105
TENSAS	22107
TERREBONNE	22109
UNION	22111
VERMILION	22113
VERNON	22115
WASHINGTON	22117
WEBSTER	22119
WEST BATON ROUGE	22121
WEST CARROLL	22123
WEST FELICIANA	22125
WINN	22127
VERMILION	22113
VERNON	22115
WASHINGTON	22117
WEBSTER	22119
WEST BATON ROUGE	22121
WEST CARROLL	22123
WEST FELICIANA	22125
WINN	22127

MISSISSIPPI

County	County Code
ADAMS COUNTY	28001
ALCORN COUNTY	28003
AMITE COUNTY	28005
ATTALA COUNTY	28007
BENTON COUNTY	28009
BOLIVAR COUNTY	28011



County	County Code
CALHOUN COUNTY	28013
CARROLL COUNTY	28015
CHICKASAW COUNTY	28017
CHOCTAW COUNTY	28019
CLAIBORNE COUNTY	28021
CLARKE COUNTY	28023
CLAY COUNTY	28025
COAHOMA COUNTY	28027
COPIAH COUNTY	28029
COVINGTON COUNTY	28031
DESOTO COUNTY	28033
FORREST COUNTY	28035
FRANKLIN COUNTY	28037
GEORGE COUNTY	28039
GREENE COUNTY	28041
GRENADA COUNTY	28043
HANCOCK COUNTY	28045
HARRISON COUNTY	28047
HINDS COUNTY	28049
HOLMES COUNTY	28051
HUMPHREYS COUNTY	28053
ISSAQUENA COUNTY	28055
ITAWAMBA COUNTY	28057
JACKSON COUNTY	28059
JASPER COUNTY	28061
JEFFERSON COUNTY	28063
JEFFERSON DAVIS COUNTY	28065
JONES COUNTY	28067
KEMPER COUNTY	28069
LAFAYETTE COUNTY	28071
LAMAR COUNTY	28073
LAUDERDALE COUNTY	28075
LAWRENCE COUNTY	28077



County	County Code
LEAKE COUNTY	28079
LEE COUNTY	28081
LEFLORE COUNTY	28083
LINCOLN COUNTY	28085
LOWNDES COUNTY	28087
MADISON COUNTY	28089
MARION COUNTY	28091
MARSHALL COUNTY	28093
MONROE COUNTY	28095
MONTGOMERY COUNTY	28097
NESHOBA COUNTY	28099
NEWTON COUNTY	28101
NOXUBEE COUNTY	28103
OKTIBBEHA COUNTY	28105
PANOLA COUNTY	28107
PEARL RIVER COUNTY	28109
PERRY COUNTY	28111
PIKE COUNTY	28113
PONTOTOC COUNTY	28115
PRENTISS COUNTY	28117
QUITMAN COUNTY	28119
RANKIN COUNTY	28121
SCOTT COUNTY	28123
SHARKEY COUNTY	28125
SIMPSON COUNTY	28127
SMITH COUNTY	28129
STONE COUNTY	28131
SUNFLOWER COUNTY	28133
TALLAHATCHIE COUNTY	28135
TATE COUNTY	28137
TIPPAH COUNTY	28139
TISHOMINGO COUNTY	28141
TUNICA COUNTY	28143
UNION COUNTY	28145



County	County Code
WALTHALL COUNTY	28147
WARREN COUNTY	28149
WASHINGTON COUNTY	28151
WAYNE COUNTY	28153
WEBSTER COUNTY	28155
WILKINSON COUNTY	28157
WINSTON COUNTY	28159
YALOBUSHA COUNTY	28161
YAZOO COUNTY	28163

MONTANA

County	County Code
BEAVERHEAD COUNTY	30001
BIG HORN COUNTY	30003
BLAINE COUNTY	30005
BROADWATER COUNTY	30007
CARBON COUNTY	30009
CARTER COUNTY	30011
CASCADE COUNTY	30013
CHOUTEAU COUNTY	30015
CUSTER COUNTY	30017
DANIELS COUNTY	30019
DAWSON COUNTY	30021
DEER LODGE COUNTY	30023
FALLON COUNTY	30025
FERGUS COUNTY	30027
FLATHEAD COUNTY	30029
GALLATIN COUNTY	30031
GARFIELD COUNTY	30033
GLACIER COUNTY	30035



County	County Code
GOLDEN VALLEY COUNTY	30037
GRANITE COUNTY	30039
HILL COUNTY	30041
JEFFERSON COUNTY	30043
JUDITH BASIN COUNTY	30045
LAKE COUNTY	30047
LEWIS AND CLARK COUNTY	30049
LIBERTY COUNTY	30051
LINCOLN COUNTY	30053
MADISON COUNTY	30057
MCCONE COUNTY	30055
MEAGHER COUNTY	30059
MINERAL COUNTY	30061
MISSOULA COUNTY	30063
MUSSELSHELL COUNTY	30065
PARK COUNTY	30067
PETROLEUM COUNTY	30069
PHILLIPS COUNTY	30071
PONDERA COUNTY	30073
POWDER RIVER COUNTY	30075
POWELL COUNTY	30077
PRAIRIE COUNTY	30079
RAVALLI COUNTY	30081
RICHLAND COUNTY	30083
ROOSEVELT COUNTY	30085
ROSEBUD COUNTY	30087
SANDERS COUNTY	30089
SHERIDAN COUNTY	30091
SILVER BOW COUNTY	30093
STILLWATER COUNTY	30095
SWEET GRASS COUNTY	30097
TETON COUNTY	30099
TOOLE COUNTY	30101
TREASURE COUNTY	30103



County	County Code
VALLEY COUNTY	30105
WHEATLAND COUNTY	30107
WIBAUX COUNTY	30109
YELLOWSTONE COUNTY	30111

OHIO

County	County Code
ADAMS COUNTY	39001
ALLEN COUNTY	39003
ASHLAND COUNTY	39005
ASHTABULA COUNTY	39007
ATHENS COUNTY	39009
AUGLAIZE COUNTY	39011
BELMONT COUNTY	39013
BROWN COUNTY	39015
BUTLER COUNTY	39017
CARROLL COUNTY	39019
CHAMPAIGN COUNTY	39021
CLARK COUNTY	39023
CLERMONT COUNTY	39025
CLINTON COUNTY	39027
COLUMBIANA COUNTY	39029
COSHOCTON COUNTY	39031
CRAWFORD COUNTY	39033
CUYAHOGA COUNTY	39035
DARKE COUNTY	39037
DEFIANCE COUNTY	39039
DELAWARE COUNTY	39041
ERIE COUNTY	39043
FAIRFIELD COUNTY	39045



County	County Code
FAYETTE COUNTY	39047
FRANKLIN COUNTY	39049
FULTON COUNTY	39051
GALLIA COUNTY	39053
GEAUGA COUNTY	39055
GREENE COUNTY	39057
GUERNSEY COUNTY	39059
HAMILTON COUNTY	39061
HANCOCK COUNTY	39063
HARDIN COUNTY	39065
HARRISON COUNTY	39067
HENRY COUNTY	39069
HIGHLAND COUNTY	39071
HOCKING COUNTY	39073
HOLMES COUNTY	39075
HURON COUNTY	39077
JACKSON COUNTY	39079
JEFFERSON COUNTY	39081
KNOX COUNTY	39083
LAKE COUNTY	39085
LAWRENCE COUNTY	39087
LICKING COUNTY	39089
LOGAN COUNTY	39091
LORAIN COUNTY	39093
LUCAS COUNTY	39095
MADISON COUNTY	39097
MAHONING COUNTY	39099
MARION COUNTY	39101
MEDINA COUNTY	39103
MEIGS COUNTY	39105
MERCER COUNTY	39107
MIAMI COUNTY	39109
MONROE COUNTY	39111
MONTGOMERY COUNTY	39113



County	County Code
MORGAN COUNTY	39115
MORROW COUNTY	39117
MUSKINGUM COUNTY	39119
NOBLE COUNTY	39121
OTTAWA COUNTY	39123
PAULDING COUNTY	39125
PERRY COUNTY	39127
PICKAWAY COUNTY	39129
PIKE COUNTY	39131
PORTAGE COUNTY	39133
PREBLE COUNTY	39135
PUTNAM COUNTY	39137
RICHLAND COUNTY	39139
ROSS COUNTY	39141
SANDUSKY COUNTY	39143
SCIOTO COUNTY	39145
SENECA COUNTY	39147
SHELBY COUNTY	39149
STARK COUNTY	39151
SUMMIT COUNTY	39153
TRUMBULL COUNTY	39155
TUSCARAWAS COUNTY	39157
UNION COUNTY	39159
VAN WERT COUNTY	39161
VINTON COUNTY	39163
WARREN COUNTY	39165
WASHINGTON COUNTY	39167
WAYNE COUNTY	39169
WILLIAMS COUNTY	39171
WOOD COUNTY	39173
WYANDOT COUNTY	39175



PUERTO RICO

County	County Code
ADJUNTAS MUNICIPALITY	72001
AGUADA MUNICIPALITY	72003
AGUADILLA MUNICIPALITY	72005
AGUAS BUENAS MUNICIPALITY	72007
AIBONITO MUNICIPALITY	72009
AÑASCO MUNICIPALITY	72011
ARECIBO MUNICIPALITY	72013
ARROYO MUNICIPALITY	72015
BARCELONETA MUNICIPALITY	72017
BARRANQUITAS MUNICIPALITY	72019
BAYAMÓN MUNICIPALITY	72021
CABO ROJO MUNICIPALITY	72023
CAGUAS MUNICIPALITY	72025
CAMUY MUNICIPALITY	72027
CANÓVANAS MUNICIPALITY	72029
CAROLINA MUNICIPALITY	72031
CATAÑO MUNICIPALITY	72033
CAYEY MUNICIPALITY	72035
CEIBA MUNICIPALITY	72037
CIALES MUNICIPALITY	72039
CIDRA MUNICIPALITY	72041
COAMO MUNICIPALITY	72043
COMERÍO MUNICIPALITY	72045
COROZAL MUNICIPALITY	72047
CULEBRA MUNICIPALITY	72049
DORADO MUNICIPALITY	72051
FAJARDO MUNICIPALITY	72053
FLORIDA MUNICIPALITY	72054
GUÁNICA MUNICIPALITY	72055
GUAYAMA MUNICIPALITY	72057
GUAYANILLA MUNICIPALITY	72059



County	County Code
GUAYNABO MUNICIPALITY	72061
GURABO MUNICIPALITY	72063
HATILLO MUNICIPALITY	72065
HORMIGUEROS MUNICIPALITY	72067
HUMACAO MUNICIPALITY	72069
ISABELA MUNICIPALITY	72071
JAYUYA MUNICIPALITY	72073
JUANA DÍAZ MUNICIPALITY	72075
JUNCOS MUNICIPALITY	72077
LAJAS MUNICIPALITY	72079
LARES MUNICIPALITY	72081
LAS MARÍAS MUNICIPALITY	72083
LAS PIEDRAS MUNICIPALITY	72085
LOÍZA MUNICIPALITY	72087
LUQUILLO MUNICIPALITY	72089
MANATÍ MUNICIPALITY	72091
MARICAO MUNICIPALITY	72093
MAUNABO MUNICIPALITY	72095
MAYAGÜEZ MUNICIPALITY	72097
MOCA MUNICIPALITY	72099
MOROVIS MUNICIPALITY	72101
NAGUABO MUNICIPALITY	72103
NARANJITO MUNICIPALITY	72105
OROCOVIS MUNICIPALITY	72107
PATILLAS MUNICIPALITY	72109
PEÑUELAS MUNICIPALITY	72111
PONCE MUNICIPALITY	72113
QUEBRADILLAS MUNICIPALITY	72115
RINCÓN MUNICIPALITY	72117
RÍO GRANDE MUNICIPALITY	72119
SABANA GRANDE MUNICIPALITY	72121
SALINAS MUNICIPALITY	72123
SAN GERMÁN MUNICIPALITY	72125
SAN JUAN MUNICIPALITY	72127



County	County Code
SAN LORENZO MUNICIPALITY	72129
SAN SEBASTIÁN MUNICIPALITY	72131
SANTA ISABEL MUNICIPALITY	72133
TOA ALTA MUNICIPALITY	72135
TOA BAJA MUNICIPALITY	72137
TRUJILLO ALTO MUNICIPALITY	72139
UTUADO MUNICIPALITY	72141
VEGA ALTA MUNICIPALITY	72143
VEGA BAJA MUNICIPALITY	72145
VIEQUES MUNICIPALITY	72147
VILLALBA MUNICIPALITY	72149
YABUCOA MUNICIPALITY	72151
YAUCO MUNICIPALITY	72153

TENNESSEE

County	County Code
ANDERSON COUNTY	47001
BEDFORD COUNTY	47003
BENTON COUNTY	47005
BLED SOE COUNTY	47007
BLOUNT COUNTY	47009
BRADLEY COUNTY	47011
CAMPBELL COUNTY	47013
CANNON COUNTY	47015
CARROLL COUNTY	47017
CARTER COUNTY	47019
CHEATHAM COUNTY	47021
CHESTER COUNTY	47023
CLAIBORNE COUNTY	47025
CLAY COUNTY	47027



County	County Code
COCKE COUNTY	47029
COFFEE COUNTY	47031
CROCKETT COUNTY	47033
CUMBERLAND COUNTY	47035
DAVIDSON COUNTY	47037
DECATUR COUNTY	47039
DEKALB COUNTY	47041
DICKSON COUNTY	47043
DYER COUNTY	47045
FAYETTE COUNTY	47047
FENTRESS COUNTY	47049
FRANKLIN COUNTY	47051
GIBSON COUNTY	47053
GILES COUNTY	47055
GRAINGER COUNTY	47057
GREENE COUNTY	47059
GRUNDY COUNTY	47061
HAMBLEN COUNTY	47063
HAMILTON COUNTY	47065
HANCOCK COUNTY	47067
HARDEMAN COUNTY	47069
HARDIN COUNTY	47071
HAWKINS COUNTY	47073
HAYWOOD COUNTY	47075
HENDERSON COUNTY	47077
HENRY COUNTY	47079
HICKMAN COUNTY	47081
HOUSTON COUNTY	47083
HUMPHREYS COUNTY	47085
JACKSON COUNTY	47087
JEFFERSON COUNTY	47089
JOHNSON COUNTY	47091
KNOX COUNTY	47093
LAKE COUNTY	47095



County	County Code
LAUDERDALE COUNTY	47097
LAWRENCE COUNTY	47099
LEWIS COUNTY	47101
LINCOLN COUNTY	47103
LOUDON COUNTY	47105
MACON COUNTY	47111
MADISON COUNTY	47113
MARION COUNTY	47115
MARSHALL COUNTY	47117
MAURY COUNTY	47119
MCMINN COUNTY	47107
MCNAIRY COUNTY	47109
MEIGS COUNTY	47121
MONROE COUNTY	47123
MONTGOMERY COUNTY	47125
MOORE COUNTY	47127
MORGAN COUNTY	47129
OBION COUNTY	47131
OVERTON COUNTY	47133
PERRY COUNTY	47135
PICKETT COUNTY	47137
POLK COUNTY	47139
PUTNAM COUNTY	47141
RHEA COUNTY	47143
ROANE COUNTY	47145
ROBERTSON COUNTY	47147
RUTHERFORD COUNTY	47149
SCOTT COUNTY	47151
SEQUATCHIE COUNTY	47153
SEVIER COUNTY	47155
SHELBY COUNTY	47157
SMITH COUNTY	47159
STEWART COUNTY	47161
SULLIVAN COUNTY	47163



County	County Code
SUMNER COUNTY	47165
TIPTON COUNTY	47167
TROUSDALE COUNTY	47169
UNICOI COUNTY	47171
UNION COUNTY	47173
VAN BUREN COUNTY	47175
WARREN COUNTY	47177
WASHINGTON COUNTY	47179
WAYNE COUNTY	47181
WEAKLEY COUNTY	47183
WHITE COUNTY	47185
WILLIAMSON COUNTY	47187
WILSON COUNTY	47189

WASHINGTON

County	County Code
ADAMS	53001
ASOTIN	53003
BENTON	53005
CHELAN	53007
CLALLAM	53009
CLARK	53011
COLUMBIA	53013
COWLITZ	53015
DOUGLAS	53017
FERRY	53019
FRANKLIN	53021
GARFIELD	53023
GRANT	53025
GRAYS HARBOR	53027



County	County Code
ISLAND	53029
JEFFERSON	53031
KING	53033
KITSAP	53035
KITTITAS	53037
KLICKITAT	53039
LEWIS	53041
LINCOLN	53043
MASON	53045
OKANOGAN	53047
PACIFIC	53049
PEND OREILLE	53051
PIERCE	53053
SAN JUAN	53055
SKAGIT	53057
SKAMANIA	53059
SNOHOMISH	53061
SPOKANE	53063
STEVENS	53065
THURSTON	53067
WAHKIAKUM	53069
WALLA WALLA	53071
WHATCOM	53073
WHITMAN	53075
YAKIMA	53077

WEST VIRGINIA

County	County Code
BARBOUR	54001
BERKELEY	54003
BOONE	54005



County	County Code
BRAXTON	54007
BROOKE	54009
CABELL	54011
CALHOUN	54013
CLAY	54015
DODDRIDGE	54017
FAYETTE	54019
GILMER	54021
GRANT	54023
GREENBRIER	54025
HAMPSHIRE	54027
HANCOCK	54029
HARDY	54031
HARRISON	54033
JACKSON	54035
JEFFERSON	54037
KANAWHA	54039
LEWIS	54041
LINCOLN	54043
LOGAN	54045
MARION	54049
MARSHALL	54051
MASON	54053
MCDOWELL	54047
MERCER	54055
MINERAL	54057
MINGO	54059
MONONGALIA	54061
MONROE	54063
MORGAN	54065
NICHOLAS	54067
OHIO	54069
PENDLETON	54071
PLEASANTS	54073



County	County Code
POCAHONTAS	54075
PRESTON	54077
PUTNAM	54079
RALEIGH	54081
RANDOLPH	54083
RITCHIE	54085
ROANE	54087
SUMMERS	54089
TAYLOR	54091
TUCKER	54093
TYLER	54095
UPSHUR	54097
WAYNE	54099
WEBSTER	54101
WETZEL	54103
WIRT	54105
WOOD	54107
WYOMING	54109

WYOMING

County	County Code
ALBANY	56001
BIG HORN	56003
CAMPBELL	56005
CARBON	56007
CONVERSE	56009
CROOK	56011
FREMONT	56013
GOSHEN	56015
HOT SPRINGS	56017
JOHNSON	56019



County	County Code
LARAMIE	56021
LINCOLN	56023
NATRONA	56025
NIOBRARA	56027
PARK	56029
PLATTE	56031
SHERIDAN	56033
SUBLETTE	56035
SWEETWATER	56037
TETON	56039
UINTA	56041
WASHAKIE	56043
WESTON	56045

Appendix D: Ethnicity Codes

Description	Code
Hispanic or Latino	2135-2
Not Hispanic or Latino	2186-5
<Empty>	Unknown

Appendix E: Race Codes

Description	Code
American Indian or Alaska Native	1002-5
Asian	2028-9
Native Hawaiian or Other Pacific Islander	2076-8
Black or African American	2054-5
White	2106-3
Other Race	2131-1
<Empty>	Unknown



Appendix F: Inactive Codes

Description	Code
Active	A
Inactive - Unspecified	I
Inactive – Lost to follow up (cannot contact)	L
Inactive - Moved or gone elsewhere (transferred)	M
Inactive – Permanently inactive (do not re-activate)	P
Unknown	U
Active	A

Appendix G: VFC Eligible Codes

Concept Code	Concept Name	Definition
V01	Not VFC Eligible	Adult is 19 years or older and has insurance.
V02	VFC Eligible - Medicaid/Medicaid Managed Care	Child is less than 19 years old and is enrolled in Medicaid or Medicaid Managed Care.
V03	VFC Eligible - Uninsured	Child is less than 19 years old and does not have health insurance.
V04	VFC Eligible - American Indian/Alaskan Native	Child is less than 19 years old and is a member of a federally recognized tribe.
V05	VFC Eligible - Federally Qualified Health Center Patient (under-insured)	Child is less than 19 years old, is receiving care at a Federally Qualified Health Center/Rural Health Center (FQHC/RHC) and has insurance but insurance does not cover vaccines.
V22	CHIP	
V23	317	Adult is 19 years or older, is receiving care at a facility that has 317-funded, state supplied adult vaccine, and does not have insurance or has insurance but insurance does not cover vaccines.
V24	Medicare	Adult is 19 years or older and is enrolled in Medicare.
V25	State Program Eligibility	



Appendix H: Anatomical Route & Site Codes

Route Codes

NCIT	HL7-0162	Description
C38238	ID	Intradermal
C28161	IM	Intramuscular
C38284	NS	Nasal
C38276	IV	Intravenous
C38288	PO	Oral
	OTH	Other/Miscellaneous
C38676		Percutaneous
C38299	SC	Subcutaneous
C38305	TD	Transdermal

Site Codes

NCIT	Description
LA	Left Arm
LT	Left Thigh
LD	Left Deltoid
LG	Left Gluteus Medius
LVL	Left Vastua Lateralis
LLFA	Left Lower Forearm
RA	Right Arm
RT	Right Thigh
RVL	Right Vastua Lateralis
RG	Right Gluteus Medius
RD	Right Deltoid
RLFA	Right Lower Forearm



Appendix I: Lot Action Codes

Action Code	Description	Lot Action Category
62	System Non-User Aggregate reporting daily	Administered
3	Broken/Dropped/Spilled	Wasted
4	Expired	Expired
7	Transferred to another provider	Transfer
8	Received from another provider	Transfer
11	Dose count variance multi-dose vial	Order Received
16	Administered to client who chose not to be in registry	Administered
17	Correction of invalid entry	Correction
18	Correction of invalid entry	Correction
24	Correction to wasted doses (disposed)	Correction
31	Borrowed from Private Inventory	Transfer
32	Restock Private Inventory from Public	Transfer
33	Borrowed from Public Inventory	Transfer
34	Restock Public Inventory from Public	Transfer
35	Not properly stored	Spoiled
36	Refrigerator/Freezer mechanical failure	Spoiled
37	Correction to wasted doses (returned)	Correction
41	Vaccine recall	Recall
42	Drawn up, not used	Wasted
43	Deduct from doses used	Correction
45	Cold Chain not maintained during shipment	Spoiled
49	Returned to the Depot	Transfer
50	Matches Physical Inventory	Matches Physical Inventory
51	Matches Physical Inventory	Matches Physical Inventory
52	Administered but not linked to a vaccine	Administered
53	Vaccine damaged in transit	Wasted
54	Natural Disaster/Power Outage	Spoiled
55	Refrigerator/Freezer too cold	Spoiled
56	Refrigerator/Freezer too warm	Spoiled
57	Vaccine spoiled in transit	Spoiled
58	Lost and Unaccounted	Wasted



Action Code	Description	Lot Action Category
59	Failure to Store Properly Upon Receipt	Spoiled
60	Expired/Opened multi-dose vials	Expired
68	Returned to vendor	Transfer
70	Received from Depot	Order Received
71	To be transferred but discarded (never transferred)	N/A
72	Order received	Order received
73	Returnable Vaccines removed from Vaccine Returns list	N/A
77	Contamination	Wasted

Appendix J: HL7 Data Elements

HL7 Data Types

Data Type	Data Type Name	Definition
CE	Coded Element	This data type transmits codes and the text associated with the code.
CX	Extended Composite ID with Check Digit	This data type is used for specifying an identifier with its associated administrative detail.
DT	Date	Specifies the century and year with optional precision to month and day.
ID	Coded Values for HL7 Tables	This data type is used for coded values from an HL7 table.
IS	Coded Value for User-Defined Tables	This data type is used for codes from User-defined Tables.
NM	Numeric	A number represented as a series of ASCII numeric characters consisting of an optional leading sign (+ or -), the digits and an optional decimal point.
ST	String	String data is left justified with trailing blanks optional.
TS	Time Stamp	Specifies a point in time.
XAD	Extended Address	This data type specifies the address of a person, place, or organization plus associated information.



Data Type	Data Type Name	Definition
XCN	Extended Composite ID Number and Name for Persons	This data type identifies a person using a unique id and name.
XPN	Extended Person Name	This is used for representing a person's name.
XTN	Extended Telephone Number	This contains the extended telephone number.

Patient Demographics

Field	Length	R=Req O=Opt	Data Type	Comments
Medical Record Number	30	R	CX	Unique identifying number for a specific patient.
Patient First Name	48	R	XPN	
Patient Middle Name	48	O	XPN	
Patient Last Name	48	R	XPN	
Patient Suffix	5	O	XPN	Sr., Jr., etc.
Patient DOB	10	R	DT	Format: Dates can be defined in the profile
Patient Gender Code	1	RE	IS	M = Male F = female U = Unknown
Patient Race Code	1	RE	CE	Acceptable codes located in Appendix E.
Patient Address Street	45	R	XAD	
Patient Address City	30	R	XAD	
Patient County FIPS Code	5	O	IS	Acceptable codes located in Appendix C.
Patient Address State	2	R	XAD	
Patient Address Zip Code	10	R	XAD	
Patient Phone Number	10	R	XTN	
Patient Language Code	1	O	CE	E = English S = Spanish.
Patient SSN	9	O	ST	Format: 999999999
Patient Ethnicity Code	12	O	ID	Ethnicity codes located in Appendix D.
Multiple Birth Indicator	2	RE	ID	Specifies the total birth count when there are multiple births. Note: This field must be sent with Birth Order.



Field	Length	R=Req O=Opt	Data Type	Comments
Birth Order	2	C(RE/O)	NM	Specifies the birth order when there are multiple births: i.e., 1 of 3, 2 of 3, etc. Note: This field must be sent with Multiple Birth Indicator.
Birthing Place	100	O	ST	
Death Date/Time	14	C(RE/X)	TS	
Death Indicator	1	RE	ID	
Inactive Code	1	RE	IS	Acceptable codes located in Appendix F.
Patient VISA	50	O	ST	
Patient Passport	50	O	ST	
Patient Nationality Code	1	O	CE	
Patient Inwani Building	10	O	XAD	INWANI address fields only show for Global.
Patient Inwani Zone	10	O	XAD	INWANI address fields only show for Global.
Patient Inwani Street	45	O	XAD	INWANI address fields only show for Global.

Guardian Information

Field	Length	R=Req O=Opt	Data Type	Comments
Guardian First Name	48	R	XPN	
Guardian Last Name	48	R	XPN	
Guardian Relationship	3	R	CE	

Vaccination Information

Field	Length	R=Req O=Opt	Data Type	Comments
Immunization Date	10	R	DT	Date vaccine was administered.
Administered Code	3	R	CE	CVX Vaccine Code Acceptable codes located in Appendix A.
Administered Amount	3	R	NM	



Field	Length	R=Req O=Opt	Data Type	Comments
Administered Units	2	C(R/O)	CE	
Vaccination Facility ID	25	C(RE/O)	IS	Indicates the facility where the patient was vaccinated.
Vaccination Physician ID	25	C(RE/O)	XCN	Indicates the vaccinator.
Lot Import Lot Number	20	C(R/O)	ST	Lot number of the vaccine administered.
Manufacturer Code	3	C(R/O)	CE	Manufacturer code for the lot number of the administered vaccine. Acceptable codes located in Appendix B.
Lot Import Expiration Date	10	C(RE/O)	DT	
Completion Status	2	RE	ID	
Action Code	1	C(R/O)	ID	
Anatomical Route Code	50	R	CE	Acceptable codes located in Appendix H.
Anatomical Site Code	50	RE	CE	Acceptable codes located in Appendix H.
Historical Vaccination	1	O	ST	Y for historical vaccination.
Vaccination VFC Eligibility	3	R	ST	Acceptable codes located in Appendix G.
Vaccine is Publicly Supplied	1	O	ST	Indicator flag for publicly supplied or not.
VIS Form Given Date	10	O	DT	
VIS Publication Date	10	O	DT	

Upload of Vaccine Inventory

Field	Length	R=Req O=Opt	Data Type	Comments
Facility ID	25	R	LA2	
Lot Import Dose Count	10	R	NM	
Lot Import Expiration Date	10	R	DT	
Lot Import Lot Number	20	R	ST	
Lot Import Manufacturer Code	3	R	CE	
Lot Import Publicly Supplied	1	O	ST	Indicator flag for Vaccine revealing whether publicly supplied or not. Y or N.
Lot Import Action Code	1	R	ID	
Lot Import CVX Code	3	R	CE	
Lot Import Update Type	50	O	ST	If left blank, existing inventory will be updated



Field	Length	R=Req O=Opt	Data Type	Comments
				Will only accept the following 3 codes: <ul style="list-style-type: none"> • CREATE • CREATE_OR_UPDATE • UPDATE

Physician/Vaccinator Records

Field	Length	R=Req O=Opt	Data Type	Comments
Physician ID	25	R	ST	A unique identifying number for a specific physician or vaccinator.
Physician Last Name	48	R	XPN	
Physician First Name	48	R	XPN	
Physician Middle Name	48	O	XPN	
Physician Phone Number	8	O	XTN	
Physician Suffix	5	O	ST	For example: DO, MD, RN, etc.
Physician Type	1	O	ST	

Facility Records

Field	Length	R=Req O=Opt	Data Type	Comments
Facility ID	25	R	LA2	
Facility Name	50	R	ST	
Facility Address City	30	R	XAD	
Facility Address State Code	2	R	XAD	
Facility County/FIPS Code	12	R	ST	Acceptable codes located in Appendix C.
Facility Address ZIP Code	10	R	XAD	
Facility Phone Number	10	R	XTN	
Facility Primary Contact Name	48	O	ST	
Facility Display Name	30	O	ST	



Field	Length	R=Req O=Opt	Data Type	Comments
Facility Email Address	40	O	ST	
Facility Fax Number	10	O	XTN	
Facility Certifying Provider	50	O	ST	
Facility Certifying Provider Phone Number	10	O	XTN	
Facility Certifying Provider Email	325	O	ST	
Facility Certifying Provider Fax Number	10	O	XTN	
Facility Mailing Address 1	45	O	XAD	
Facility Mailing Address 2	45	O	XAD	
Facility Mailing Address City	30	O	XAD	
Facility Mailing Address State	2	O	XAD	
Facility County/FIPS Code	12	O	ST	Acceptable codes located in Appendix C.
Facility Mailing Address Zip	9	O	XAD	
Facility Original VFC Cert Date	10	O	DT	
Facility Shipping Address City	30	O	XAD	
Facility Shipping Address State	2	O	XAD	
Facility Shipping Address Street1	45	O	XAD	
Facility Shipping Address Street2	45	O	XAD	
Facility Shipping Address Zip	9	O	XAD	
Facility Shipping Contact Name	240	O	XPN	
Facility Shipping Instructions	4000	O	ST	
Facility VFC PIN	10	O	ST	

School Roster

Field	Length	R=Req O=Opt	Data Type	Comments
Medical Record Number	30	R	CX	Unique identifying number for a specific patient.
Patient Grade	10	R	ST	
School External School ID	20	R	ST	
Patient Student ID	10	R	ST	



Field	Length	R=Req O=Opt	Data Type	Comments
Patient First Name	48	R	XPN	
Patient Middle Name	48	O	XPN	
Patient Last Name	48	R	XPN	
Patient DOB	10	R	DT	Format: Dates can be defined in the profile
Patient Gender Code	1	R	IS	M = Male F = female U = Unknown
Patient Address Street	45	R	XAD	
Patient Address City	30	R	XAD	
Patient County FIPS Code	10	R	ST	Acceptable codes located in Appendix C.
Patient Address State	2	R	XAD	
Patient Address Zip Code	9	R	XAD	
Patient Phone Number	10	R	XTN	
School Entry Date	10	R	DT	