

Colorado Immunization Information System

Flat File Transfer Specifications Version 1.8

Last Updated: May 2013

Change History

Published/Revised Date	Version #	Author	Section/Revision Description
4/6/2010	1.0	CIIS	Draft for initial implementation
7/22/2010	1.1	CIIS	Correct Client Status Code Set
10/1/2010	1.2	CIIS	Update Service Codes Table for Influenza and Unspecified Formulations CVX Codes
12/15/2010	1.3	CIIS	Update CVX Code Requirement
2/22/2011	1.4	CIIS	Updates to Service Codes Table
4/15/2011	1.5	CIIS	Changed nomenclature of required values. Updates to Patient and Immunization Data tables.
7/17/2012	1.6	CIIS	Updated required fields and code tables.
4/23/2013	1.7	CIIS	Updated CVX code table.
5/13/2013	1.8	CIIS	Updated CVX and MVX code tables.

Introduction

A site can electronically transfer its patients' immunization data to the Colorado Immunization Information System (CIIS) using two separate flat files, one containing client/patient information and the other containing immunization service data. A participating site will supply a unique client identifier (patient ID) which will link each client/patient with their respective immunization services. Character fields need to be trimmed of left and right blanks, and date fields must be formatted MM/DD/YYYY with leading zeroes. If a site is unable to supply any information for a specified data field, that entire field must be filled with blanks.

You can re-sequence the fields if you would like to create a custom file template. The data types and code tables will remain the same. Only the order the fields come in can be changed. If the fields are re-sequenced, the first line in each file must contain the appropriate field name.

Below are the fields to include in each of the files. Files need to be generated using the ASCII character set. Records will have fields delimited by a comma and need to be terminated with a carriage return/line feed. Text fields should be surrounded by double quotation marks.

It is essential that you submit as many of the elements listed below as possible in order to ensure data completeness and accuracy for your site. At a minimum, you must submit all fields identified with an 'R' in the "Required" column in both the Patient Data and Immunization Data tables in order for CIIS to process your files. There are three different requirement types in the tables below: Required (R) – the sending application shall populate all R data elements with a non-empty value; Required, But May Be Empty (RE) – the sending application shall populate all RE data elements if there is relevant data in those fields; and Optional (O) – the sending application has the option to provide or not provide the optional data elements.

Your file should include all patients who have **received notification that their data is being included in CIIS**. If you have questions about the notification requirement and/or notification procedure, please contact the CIIS Help Desk at (888) 611-9918 or CDPHE-CIIS@dphe.state.co.us.

CIIS recommends the following file naming convention: for each patients/clients file XXX_Clients_YYYYMMDD.txt; for each immunizations file XXX_Imms_YYYYMMDD.txt; where XXX describes your site name or abbreviation and YYYYMMDD is the date the file was created or the date of the last immunization contained in the immunizations file.

For details on how to establish a secure data exchange with CIIS, please reference the Secure Electronic Upload document included in the CIIS Data Packet.

Data Tables

Patient Data

R = Required, RE = Required, But May Be Empty, O = Optional

Column	Required	Notes	Default	Data Type
Patient ID	R	Unique client identifier in the source database		
ratient ib	K	which links a Client to Immunization records		Char(50)
Chart Number	0	Client's medical chart number		
Patient Status	RE	Use CIIS code set for Client Status	AC	Char(3)
Birth Date	R	MM/DD/YYYY		Date
Last Name	R			Char(24)
First Name	R			Char(24)
Middle Name	RE			Char(24)
Suffix	0	JR, III, etc.		Char(50)
Alias	0	Informal name, AKA		Char(50)
Gender	R	M or F; Leave blank if unknown		Text
Mailing Address 1	R			Char(50)
Mailing Address 2	RE			Char(60)
Mailing City	R			Char(24)
Mailing State	R			Char(2)
Mailing Zip	R	If +4 zip is used, the first 5 characters and second 4 characters are concatenated into a single value, without separators.		Char(10)
Physical Address 1	RE			Char(50)
Physical Address 2	RE			Char(60)
Physical City	RE			Char(24)
Physical State	RE			Char(2)
Physical Zip	RE	If +4 zip is used, the first 5 characters and second 4 characters are concatenated into a single value, without separators.		Char(10)
County	RE	County of residence		Char(24)
Phone	R	Format as digits only starting with the area code, ex. 7201234567.		Char(10)
Email Address	RE			Char(50)
Phone Alternate	0	Format as digits only starting with the area code, ex. 7201234567.		Char(10)
Mother's Last Name	RE	* For clients under 19, the Mother's full name is required. Alternatively, for clients under 19, you		Char(24)
Mother's First Name	RE	can populate the Responsible Party fields		Char(24)
Father's Last Name	RE			Char(24)
Father's First Name	RE			Char(24)
Mother's Maiden Last Name	0			Char(24)
Responsible Party Last	RE	Use if Mother's and Father's name not present		Char(24)
Responsible Party First	RE	Use if Mother's and Father's name not present		Char(24)
Sending Organization	R	This is name or ID of the provider organization that owns this client and corresponding immunization records.		Char(50)

		* This field is optional if an organization is sending		
		all of its own records. This field is required if an		
		organization other than the organization that owns		
		the record(s) is transmitting this file.		
Create Date	RE	Date of original data entry in sending		
Create Date	IXL	organization's system		Date/Time
Modification Date	R	Date when demographics were last updated/edited		
Modification Date	IX	in sending organization's system		Date/Time
Race	RE	Use the CIIS code set for Race		Char(50)
Ethnicity	RE	Use the CIIS code set for Ethnicity		Char(50)
Language	0	Use the CIIS code set for Language		Char(50)
Allergies	0	Name of substance(s) to which allergic		Char(50)
Place of birth	0	State/Country of birth.		Char(50)
Multiple Birth	RE	Use the CIIS code set for Multiple	N	Char(1)
Alternate Contact	0	Alternate contact (non-parent)		Char(50)
Alternate Contact Phone	0	Format as digits only starting with the area code,		
Alternate Contact Friorie	O	ex. 7201234567.		Char(10)
Alternate Contact	0	Relationship of alternate contact to client. Use CIIS		
Relationship	0	code set Relationship.		Char(3)
Bad Address	0	Incorrect address indicator; Y/N	N	Yes/No
Notes	0			Memo
VFC Eligibility	RE	*Required for clients under 19 years old		

Immunization Data
R = Required, RE = Required, But May Be Empty, O = Optional

Column	Required	Notes	Default	Data Type
Patient ID	R	Unique client identifier which links a Client to Immunization records		Char(50)
Vaccine Date	R	Date vaccine was administered. MM/DD/YYYY		Date/Time
Vaccine Code	R	Use CIIS code set for Vaccine Codes. * CVX Code		Char(10)
Vaccine Description	R	is required. Always include description if available.		Char(30)
Vaccine Lot Number	R	Lot number for antigen given		Char(20)
Administered at Location	R	Indicates the specific clinical location where a vaccination was given or the clinic where historical vaccination was entered		Char(50)
Immunization Information Source	R	Indicates whether vaccine was administered by sending organization or the immunization information is historical from client record. Use 00 for an immunization which was administered by the sending organization. For Historical Doses, please use values 01 through 08. Use CIIS code set for Immunization Information Source .	00	Char(2)
Administration Route Code	RE	Method of administration of vaccine. Use CIIS code set for Route.		Char(50)
Administration Body Site Code	RE	Body location where vaccine was administered. Use CIIS code set for Body Site .		Char(50)
Manufacturer Code	R	Use CIIS code set for Manufacturer.		Char(10)
VIS Form Date	RE	Date of VIS Form.		Date/Time
Form Date	RE	Date VIS was given to patient/parents of patient		Date/Time
Prescribed By Name	RE	Name or ID of person prescribing the vaccine. If name, use form: First Last, Title. Example: John Smith, MD		Char(50)

Administered By Name	RE	Name or ID of person administering the vaccine. If name, use form: First Last, Title. Example: John Smith, MD		Char(50)
Reaction	RE	Physical reaction to vaccine - Y/N.	N	Yes/No
Reaction notes	RE	Information about physical reaction to vaccine		Memo
Contraindication	RE	Any contraindication to a vaccine	N	Yes/No
Contraindication Code	RE	Information about contraindication to vaccine. Use CIIS code set Contraindications, Precautions, and Immunities		Memo
Vaccine Funding Source	RE	Source of payment for vaccine, including public funding sources. Use CIIS code set for Vaccine Funding Source.		Char(10)
Create date	RE	Date when service data created		Date/Time
Modification date	RE	Date when service data last updated/edited		Date/Time

^{*} If IDs/codes are used to populate the Prescribed By Name or Administered By Name fields, a complete listing of provider's full name and medical degree along with the provider ID must be sent to CIIS with the first file set.

Examples

Client Record

```
"Patient Id", "Chart Number", "Patient Status", "Birth Date", "Last Name", "First Name", "Middle
Name", "Suffix", "Alias", "Gender", "Mailing Address 1", "Mailing Address 2", "Mailing City", "Mailing
State", "Mailing Zip", "Physical Address 1", "Physical Address 2", "Physical City", "Physical State", "Physical
Zip", "County", "Phone", "Phone Alternate", "Mothers Last Name", "Mothers First Name", "Fathers Last
Name", "Fathers First Name", "Mothers Maiden Last Name", "Responsible Party Last", "Responsible Party
First", "Sending Organization", "Create Date", "Modification
Date", "Race", "Ethnicity", "Language", "Alergies", "Place of Birth", "Multiple Birth", "Alternate
Contact", "Alternate Contact Phone", "Alternate Contact Relationship", "Bad Address", "Notes", "VFC
Eligibility"
"2278626","","AC","01/02/2009","Testa","Seneca","Javier","","","M","1601 LARIMER
ST","","Denver","CO","80202","1777 LARIMER
ST","1301","Denver","CO","80202","","","Testa","Jacquelin Marie","Testa","Fabian
Javier","Duke","","","SVS","01/26/2009","01/26/2009","","","","","","CO","N","","","","","","",""
"2334605","","AC","03/01/2009","Testa","Jasper","S","","","M","9501 S EMERSON
ST","","Denver","CO","80209","951 S EMERSON ST","
","Denver","CO","80209","Denver","","","Rubin","Wendy","Testa","Craig
Louis", "Rubin", "", "", "SVS", "04/07/2009", "04/06/2009", "", "", "", "", "", "CO", "N", "", "", "", "", "V01"
```

Immunization Record

```
"Patient Id", "Vaccine Date", "Vaccine Code", "Vaccine Description", "Vaccine Lot Number", "Administered at
Location", "Immunization Information Source", "Administration Route Code", "Body Site
Code", "Manufacturer Code", "VIS Form Date", "Form Date", "Provider Name", "Administered By
Name", "Reaction", "Reaction Notes", "Contraindication", "Contraindication Notes", "Payor Code", "Create
Date", "Modification Date"
"2278626","01/23/2009","90744","HepB-3dose","","Exempla St Joe
Hosp","00","","UN","","","","","","N","","N","","","01/26/2009",""
"2278626", "03/18/2009", "90669", "PneuCon7 Prevnar", "D46873", "Children's Medical
Ctr","00","IM","RL","WAL","09/30/2002","03/18/2009","Spyridon Papadopoulos, MD","Spyridon
Papadopoulos, MD", "N", "", "N", "", "Ins", "03/18/2009", ""
"2278626", "03/18/2009", "90680", "Rotavirus-Rotateg", "1661X", "Children's Medical
Ctr","00","PO","PO","WAL","08/28/2008","03/18/2009","Spyridon Papadopoulos, MD","Spyridon
Papadopoulos, MD","N","","N","","Ins","03/18/2009",""
"2278626", "05/21/2009", "90669", "PneuCon7
"2278626", "05/21/2009", "90680", "Rotavirus-
"2334605", "06/01/2009", "90680", "Rotavirus-Rotateq", ", "Kaiser Permanente
Denver", "00", "PO", "UN", "MSD", "08/28/2008", "", "", "", "N", "", "N", "", "", "06/01/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/2009", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07/22/200", "07
"2334605","06/17/2009","90700","DTaP","","Kaiser Permanente
Denver", "00", "IM", "RL", "SKB", "05/17/2007", "", "", "N", "", "N", "", "N", "", "06/17/2009", "07/22/2009"
```

APPENDIX A - CIIS CODE SETS

Gender

Code	Description
F	Female
M	Male
0	Other
U	Unknown

Race

Code	Description
1002-5	American Indian or Alaska Native
2028-9	Asian
2054-5	Black or African-American
2076-8	Native Hawaiian or Other Pacific Islander
2106-3	White
2131-1	Unknown
2186-5	Other Race

Ethnicity

Code	Description
Н	Hispanic or Latino
N	Not Hispanic or Latino
U	Unknown

Relationship

Code	Description
FTH	Father
GTR	Guar4antor
MTH	Mother
OTH	Other
REL	Relative
SEL	Self
SPO	Spouse

Administration Route

Code	Description
ID	Intradermal
IM	Intramuscular

Code	Description
IN	Intranasal
IV	Intravenous
OTH	Other/Miscellaneous
PO	Oral
SC	Subcutaneous

Administration Body Site

Code	Description
IN	Intranasal
LAT	Left Anterior Thigh
LA	Left Arm
LD	Left Deltoid
LG	Left Gluteus Medius
LLT	Left Lateral Thigh
LL	Left Leg
LT	Left Thigh
LVL	Left Vastus Lateralis
OTH	Other
RAT	Right Anterior Thigh
RA	Right Arm
RD	Right Deltoid
RG	Right Gluteus Medius
RLT	Right Lateral Thigh
RL	Right Leg
RT	Right Thigh
RVL	Right Vastus Lateralis
UNK	Unknown

VFC Eligibility

Code	Description	
V00	VFC eligibility not determined/unknown	
V01	Not VFC eligible	
V02	VFC eligible - Medicaid/Medicaid Managed Care	
V03	VFC eligible - Uninsured	
V04	VFC eligible - American Indian/Alaskan Native	
V05	VFC eligible - Federally Qualified Health Center Patient (underinsured)	
V06	VFC eligible – State-specific eligibility (e.g., S-CHIP plan)	
V07	VFC eligibility - Local-specific eligibility	

Degrees

Code	Description	
CNA	Certified Nurse's Assistant	
CMA	Certified Medical Assistant	
CPNP	Certified Pediatric Nurse Practitioner	
DO	Doctor of Osteopathy	
FNP	Family Practice Nurse Practitioner	
LPN	Licensed Practical Nurse	
MD	Doctor of Medicine	
MA	Medical Assistant	
NP	Nurse Practitioner	
PA	Physician Assistant	
PharmD	Doctor of Pharmacy	
RMA	Registered Medical Assistant	
RN	Registered Nurse	

Manufacturers of Vaccines

MVX Code	Manufacturer Name	Notes	Manufacturer Status
AB	Abbott Laboratories	Includes Ross Products Division, Solvay	Active
ACA	Acambis, Inc.	Acquired by Sanofi in Sept 2008	Inactive
AD	Adams Laboratories, Inc.		Active
AKR	Akorn, Inc.		Active
ALP	Alpha Therapeutic Corporation		Active
AR	Armour	Part of CSL	Inactive
AVB	Aventis Behring L.L.C.	Part of CSL	Inactive
AVI	Aviron		
ВА	BA Baxter Healthcare Corporation – inactive Includes Hyland Immuno, Immuno International AG, and North American Vaccine, Inc./acquired some assets from Alpha Therapeutics		Inactive
ВАН			Active
BAY	Bayer Corporation	Bayer Biologicals now owned by Talecris	Inactive
BP	BP Berna Products		Inactive
RP(:		Includes Swiss Serum and Vaccine Institute Berne	Active
BRR	Barr Laboratories	Subsidiary of Teva Pharmaceuticals	Active

MVX Code	Manufacturer Name	Notes	Manufacturer Status
ВТР	Biotest Pharmaceuticals Corporation	New owner of NABI HB as of Dec 2007, does NOT replace NABI Biopharmaceuticals in this code list.	Active
CEN	Centeon L.L.C.		Inactive
CHI	Chiron Corporation	Part of Novartis	Inactive
СМР	Celltech Medeva Pharmaceuticals	Part of Novartis	Inactive
CNJ	Cangene Corporation		Active
CON	Connaught	Acquired by Merieux	Inactive
CSL	CSL Behring, Inc.	CSL Biotherapies renamed to CSL Behring	Active
DVC	DynPort Vaccine Company, L.L.C.		Active
EVN	Evans Medical Limited	Part of Novartis	Inactive
GEO	GeoVax Labs, Inc.		Active
GRE	Greer Laboratories, Inc.		Active
IAG	Immuno International AG	Part of Baxter	Inactive
IM	Merieux	Part of Sanofi	Inactive
INT	Intercell Biomedical		Active
IUS	Immuno-U.S., Inc.		Active
JPN	The Research Foundation for JPN Microbial Diseases of Osaka University (BIKEN)		Active
KGC	Korea Green Cross Corporation		Active
LED	Lederle	Became a part of WAL, now owned by Pfizer	Inactive
MA	Massachusetts Public Health Biologic Laboratories		Inactive
MBL	Massachusetts Biologic Laboratories	Formerly Massachusetts Public Health Biologic Laboratories	Active
MED	MedImmune, Inc.	Acquisitions of U.S. Bioscience in 1999 and Aviron in 2002, as well as the integration with Cambridge Antibody Technology and the strategic alignment with new parent company, AstraZeneca, in 2007.	Active
MIL	Miles		Inactive
MIP	Emergent BioDefense Operations Lansing	Bioport renamed. Formerly Michigan	Active

MVX Code	Manufacturer Name	Notes	Manufacturer Status
	Biologic Products Institute.		
MSD	MSD Merck & Co., Inc.		Active
NAB	NABI Formerly North American Biologicals, Inc.		Active
NAV	North American Vaccine, Inc.	Part of Baxter	Inactive
NOV	Novartis Pharmaceutical Corporation	Includes Chiron, PowderJect Pharmaceuticals, Celltech Medeva Vaccines and Evans Limited, Ciba-Geigy Limited and Sandoz Limited	Active
NVX	Novavax, Inc.		Active
NYB	New York Blood Center		Active
ORT	Ortho-Clinical Diagnostics	A J&J company (formerly Ortho Diagnostic Systems, Inc.)	Active
ОТС	Organon Teknika Corporation		Active
OTH	Other manufacturer		Active
PD	Parkedale Formerly Parke-Davis Pharmaceuticals Includes Wyeth-Lederle Vaccines and Pediatrics,		Inactive
PFR			Active
PMC	Sanofi Pasteur	Formerly Aventis Pasteur, Pasteur Merieux Connaught : includes	
PRX	Became a part of WAL,		Inactive
PSC	PSC Protein Sciences		Active
PWJ	Powderiect Part of Novartic		Inactive
SCL	SCL Sclavo, Inc.		Active
SI	Swice Serum and Part of Berna		Inactive
SKB	Includes SmithKline		Active
SOL	SOL Solvay Pharmaceuticals Part of Abbott		Inactive
TAL	TAL Talecris Biotherapeutics Includes Bayer Biologicals		Active
UNK	Unknown manufacturer		Active
USA	United States Army		Active

MVX Code	Manufacturer Name	Notes	Manufacturer Status
	Medical Research and Material Command		
VXG	VaxGen	Acquired by Emergent BioDefense Operations Lansing, Inc.	Inactive
WA	Wyeth-Ayerst	Became WAL, now owned by Pfizer	Inactive
WAL	Wyeth	Acquired by Pfizer Oct. 2009	Inactive
ZLB	ZLB Behring	Acquired by CSL	Inactive

Immunization information source

Code	Description		
00	New Immunization Record		
01	Historical Information – source unspecified		
02	Historical Information – from other provider		
03	Historical Information – from parent's written record		
04	Historical Information – from parent's recall		
05	Historical Information – from other registry		
06	Historical Information – from birth certificate		
07	Historical Information – from school record		
08	08 Historical Information – from public agency		

Contraindications, Precautions, and Immunities (Use Contraindication Code field)

Code	Description	Explanation	
01	Recipient condition - unspecified		
02	Household condition - unspecified		
03	Allergy to baker's yeast (anaphylactic)	Contraindicates Hep B	
04	Allergy to egg ingestion (anaphylactic)		
05	Allergy to gelatin (anaphylactic)	Extreme caution for MMR and Varicella	
06	Allergy to neomycin (anaphylactic)	Contraindicates IPV, MMR and Varicella	
07	Allergy to streptomycin (anaphylactic)	Contraindicates IPV	
08	Allergy to thimerosal (anaphylactic)		
09	Allergy to previous dose of this vaccine or to any of its unlisted vaccine components (anaphylactic)	Contraindicates that vaccine	
Anaphylactic (life-threatening) reaction of previous dose of this vaccine or any of its components		Contraindicates that vaccine	

Code	Description	Explanation	
11	Collapse or shock like state within 48 hours of previous dose of DTP/DTaP	Precaution for DTaP	
12	Convulsions (fits, seizures) within 3 days of previous dose of DTP/DTaP	Precaution for DTaP	
13	Persistent, inconsolable crying lasting ≥3 hours within 48 hours of previous dose of DTP/DTaP	Precaution for DTaP	
14	Current diarrhea, moderate to severe	Contraindicates vaccination temporarily (until illness resolves)	
15	Encephalopathy within 7 days of previous dose of DTP or DTaP	Contraindicates DTaP permanently	
16	Current fever with moderate-to-severe illness	Contraindicates vaccination temporarily (until illness resolves)	
17	Fever of ≥40.5°C (105°F) within 48 hours of previous dose of DTP/DTaP	Precaution for DTaP	
18	Guillain-Barré syndrome (GBS) within 6 weeks of previous dose of DTP/DTaP	Precaution for DTaP	
21	Current acute illness, moderate to severe (with or without fever) (e.g., diarrhea, otitis media, vomiting)	Contraindicates vaccination temporarily (until illness resolves)	
22	Chronic illness (e.g., chronic gastrointestinal disease)	Decide to vaccinate on an individual basis	
23	Recent or simultaneous administration of an antibody-containing blood product (immune globulin)	Precaution for MMR and Varicella	
24	Immunity: diphtheria		
25	Immunity: Haemophilus influenzae type B (Hib)		
26	Immunity: Hepatitis B		
27	Immunity: Measles		
28	Immunity: Mumps		
29	Immunity: Pertussis		
30	Immunity: Poliovirus		
31	Immunity: Rubella		
32	Immunity: Tetanus		
33	Immunity: Varicella (chicken pox)		
36	Immunodeficiency due to any cause, including HIV (hematologic and solid tumors, congenital immunodeficiency, long-term immunosuppressive therapy, including steroids)	Contraindicates MMR and Varicella	
37	Underlying unstable, evolving neurologic disorders, (including seizure disorders, cerebral palsy, and developmental delay)	Precaution for DTaP	
38	Otitis media (ear infection) moderate to severe (with or without fever)	Contraindicates vaccination temporarily (until illness resolves)	
39	Pregnancy (in recipient)	Contraindicates MMR and Varicella	
40	Thrombocytopenia	Precaution for MMR	
41	Thrombocytopenic purpura (history)	Precaution for MMR	
42	Other contraindication/precaution/immunity not listed (must add text component of the CE field with description)		

Code Description		Explanation
Unknown (valid only for historical immunizations)		

Vaccine Codes

CVX The table below includes both active and inactive vaccines. CVX codes for inactive vaccines allow transmission of historical immunization records. Active CVX codes denote vaccines that are currently available in the U.S. For National Drug Codes (NDC), please visit: http://www2a.cdc.gov/vaccines/iis/iisstandards/vaccines.asp?rpt=ndc

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
143	Adenovirus types 4 and 7	Adenovirus, type 4 and type 7, live, oral	Active	This vaccine is administered as 2 tablets.
54	Adenovirus, type 4	Adenovirus vaccine, type 4, live, oral	Inactive	
55	Adenovirus, type 7	Adenovirus vaccine, type 7, live, oral	Inactive	
82	Adenovirus, unspecified formulation	Adenovirus vaccine, unspecified	Inactive	Use for reporting historical doses where the formulation is unknown.
24	Anthrax	Anthrax vaccine	Active	
19	BCG	Bacillus Calmette-Guerin vaccine	Active	
27	Botulinum antitoxin	Botulinum antitoxin	Active	
26	Cholera	Cholera vaccine	Inactive	
29	CMVIG	Cytomegalovirus immune globulin, intravenous	Active	
56	Dengue fever	Dengue fever vaccine	Never Active	
12	Diphtheria antitoxin	Diphtheria antitoxin	Active	
28	DT (pediatric)	Diphtheria and tetanus toxoids, adsorbed for pediatric use	Active	
20	DTaP	Diphtheria, tetanus toxoids and acellular pertussis vaccine	Active	
106	DTaP, 5 pertussis antigens	Diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens	Active	
107	DTaP, unspecified formulation	Diphtheria, tetanus toxoids and acellular pertussis vaccine, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
146	DTaP-IPV-Hib-HepB	Diphtheria and tetanus toxoids and acellular pertussis adsorbed,	Pending	Note that this vaccine is different than CVX 132.

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
		inactivated poliovirus, Haemophilus b conjugate (meningococcal outer membrane protein complex), and hepatitis B (recombinant) vaccine		
110	DTaP-HepB-IPV	DTaP-hepatitis B and poliovirus vaccine	Active	
50	DTaP-Hib	DTaP-Haemophilus influenzae type b conjugate vaccine	Active	
120	DTaP-Hib-IPV	Diphtheria, tetanus toxoids and acellular pertussis vaccine, Haemophilus influenzae type b conjugate, and poliovirus vaccine, inactivated (DTaP-Hib-IPV)	Active	
130	DTaP-IPV	Diphtheria, tetanus toxoids and acellular pertussis vaccine, and poliovirus vaccine, inactivated	Active	
132	DTaP-IPV-Hib-HepB, historical	Historical record of vaccine containing *diphtheria, tetanus toxoids and acellular pertussis, *poliovirus, inactivated, *Haemophilus influenzae type b conjugate, *Hepatitis B (DTaP-Hib-IPV)	Inactive	This is not the same as CVX 146, hexavalent vaccine.
01	DTP	Diphtheria, tetanus toxoids and pertussis vaccine	Inactive	
22	DTP-Hib	DTP-Haemophilus influenzae type b conjugate vaccine	Inactive	
102	DTP-Hib-Hep B	DTP-Haemophilus influenzae type b conjugate and hepatitis b vaccine	Inactive	
57	Hantavirus	Hantavirus vaccine	Never Active	
30	HBIG	Hepatitis B immune globulin	Active	
52	Hep A, adult	Hepatitis A vaccine, adult dosage	Active	

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
154	Hep A, IG	Hepatitis A immune globulin	Active	
83	Hep A, ped/adol, 2 dose	Hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule	Active	
84	Hep A, ped/adol, 3 dose	Hepatitis A vaccine, pediatric/adolescent dosage, 3 dose schedule	Inactive	This vaccine formulation is inactive and should not be used except to record historical vaccinations with this formulation.
31	Hep A, pediatric, unspecified formulation	Hepatitis A vaccine, pediatric dosage, unspecified formulation	Inactive	Do NOT use this code. If formulation is unknown, use CVX 85. There is only one formulation of Hep A, peds.
85	Hep A, unspecified formulation	Hepatitis A vaccine, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown
104	Нер А-Нер В	Hepatitis A and hepatitis B vaccine	Active	
08	Hep B, adolescent or pediatric	Hepatitis B vaccine, pediatric or pediatric/adolescent dosage	Active	This code applies to any standard pediatric formulation of Hepatitis B vaccine. It should not be used for the 2-dose Hep B schedule for adolescents (11-15 year olds). It requires Merck's Recombivax HB® adult formulation. Use code 43 for that vaccine.
42	Hep B, adolescent/high risk infant	Hepatitis B, adolescent/high risk infant dosage	Inactive	As of August 27, 1998, Merck ceased distribution of their adolescent/high risk infant Hep B vaccine. This code should only be used for reporting historical doses. For current administration of

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
				Hep B vaccine, pediatric/adolescent dosage, use code 08.
43	Hep B, adult	Hepatitis B vaccine, adult dosage	Active	As of September 1999, a 2-dose Hep B schedule for adolescents (11-15 year olds) was FDA-approved for Merck's Recombivax HB® adult formulation. Use code 43 for the 2-dose. This code should be used for any use of standard adult formulation of Hep B vaccine.
44	Hep B, dialysis	Hepatitis B vaccine, dialysis patient dosage	Active	
45	Hep B, unspecified formulation	Hepatitis B vaccine, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
58	Нер С	Hepatitis C vaccine	Never Active	
59	Hep E	Hepatitis E vaccine	Never Active	
60	Herpes simplex 2	Herpes simplex virus, type 2 vaccine	Never Active	
47	Hib (HbOC)	Haemophilus influenzae type b vaccine, HbOC conjugate	Inactive	
46	Hib (PRP-D)	Haemophilus influenzae type b vaccine, PRP-D conjugate	Inactive	
49	Hib (PRP-OMP)	Haemophilus influenzae type b vaccine, PRP- OMP conjugate	Active	
48	Hib (PRP-T)	Haemophilus influenzae type b vaccine, PRP-T conjugate	Active	
17	Hib, unspecified formulation	Haemophilus influenzae type b vaccine, conjugate, unspecified formulation	Inactive	
51	Hib-Hep B	Haemophilus influenzae type b conjugate and Hepatitis B vaccine	Active	

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
61	HIV	Human immunodeficiency virus vaccine	Never Active	
118	HPV, bivalent	Human Papillomavirus vaccine, bivalent	Active	
62	HPV, quadrivalent	Human Papillomavirus vaccine, quadrivalent	Active	
137	HPV, unspecified formulation	HPV, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
86	IG	Immune globulin, intramuscular	Active	
14	IG, unspecified formulation	Immune globulin, unspecified formulation	Inactive	
87	IGIV	Immune globulin, intravenous	Active	
123	Influenza, H5N1-1203	Influenza virus vaccine, H5N1, A/Vietnam/1203/2004 (national stockpile)	Inactive	
135	Influenza, high dose seasonal	Influenza, high dose seasonal, preservative-free	Active	
153	Influenza, injectable, MDCK, preservative free	Influenza, injectable, Madin Darby Canine Kidney, preservative free	Active	
111	Influenza, live, intranasal	Influenza virus vaccine, live, attenuated, for intranasal use	Active	Seasonal influenza
155	influenza, recombinant, injectable, preservative free	Seasonal, trivalent, recombinant, injectable influenza vaccine, preservative free	Active	
141	Influenza, seasonal, injectable	Influenza, seasonal, injectable	Active	This is one of two codes replacing CVX 15, which is retired.
140	Influenza, seasonal, injectable, preservative-free	Influenza, seasonal, injectable, preservative-free	Active	This vaccine code is one of two which replace CVX 15, influenza, split virus.
144	Influenza, seasonal, intradermal, preservative- free	Seasonal influenza, Intradermal, preservative-free	Active	
15	Influenza, split (incl. purified surface antigen)	Influenza virus vaccine, split virus (incl. purified surface antigen) – retired CODE	Inactive	This code is retired. It may still be found in older immunization records. It included

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
				both preservative- free and non preservative-free.
88	Influenza, unspecified formulation	Influenza virus vaccine, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
16	Influenza, whole	Influenza virus vaccine, whole virus	Inactive	
10	IPV	Poliovirus vaccine, inactivated	Active	
134	Japanese Encephalitis IM	Japanese Encephalitis vaccine for intramuscular administration	Active	
39	Japanese Encephalitis SC	Japanese Encephalitis Vaccine SC	Active	
129	Japanese Encephalitis, unspecified formulation	Japanese Encephalitis Vaccine, unspecified	Inactive	Use for reporting historical doses where the formulation is unknown.
63	Junin virus	Junin virus vaccine	Never Active	
64	Leishmaniasis	Leishmaniasis vaccine	Never Active	
65	Leprosy	Leprosy vaccine	Never Active	
66	Lyme disease	Lyme disease vaccine	Inactive	
04	M/R	Measles and rubella virus vaccine	Inactive	
67	Malaria	Malaria vaccine	Never Active	
05	Measles	Measles virus vaccine	Inactive	
68	Melanoma	Melanoma vaccine	Never Active	
103	Meningococcal C conjugate	Meningococcal C conjugate vaccine	Inactive	
148	Meningococcal C/Y – Hib PRP	Meningococcal groups C and Y and Haemophilus b Tetanus Toxoid conjugate vaccine	Active	
147	Meningococcal MCV4, unspecified formulation	Meningococcal, MCV4, unspecified formulation (groups A, C, Y and W- 135)	Inactive	This CVX should only be used for historical doses of meningococcal conjugate vaccine where the formulation is unknown

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
				(oligosaccharide vs. polysaccharide). It is not the same as CVX 108, meningococcal, unspecified formulation.
136	Meningococcal MCV4O	Meningococcal oligosaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4O)	Active	
114	Meningococcal MCV4P	Meningococcal polysaccharide (groups A, C, Y and W-135) diphtheria toxoid conjugate vaccine (MCV4P)	Active	
32	Meningococcal MPSV4	Meningococcal polysaccharide vaccine (MPSV4)	Active	
108	Meningococcal, unspecified formulation	Meningococcal vaccine, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
03	MMR	Measles, mumps and rubella virus vaccine	Active	
94	MMRV	Measles, mumps, rubella, and varicella virus vaccine	Active	
07	Mumps	Mumps virus vaccine	Active	
127	Novel Influenza-H1N1-09	Novel influenza-H1N1- 09, injectable	Inactive	
128	Novel influenza-H1N1-09, all formulations	Novel influenza-H1N1- 09, all formulations	Inactive	This code is used whenever the actual formulation is not determined or when aggregating all Novel H1N1 Influenza-09 immunizations for reporting to CRA. It should not be used for seasonal influenza vaccine that is not otherwise specified. (NOS)
125	Novel influenza-H1N1-09, nasal	Novel influenza-H1N1- 09, live virus for nasal	Inactive	·

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
		administration		
126	Novel influenza-H1N1-09, preservative-free	Novel influenza-H1N1- 09, preservative-free, injectable	Inactive	
02	OPV	Poliovirus vaccine, live, oral	Inactive	
69	Parainfluenza-3	Parainfluenza-3 virus vaccine	Inactive	
11	Pertussis	Pertussis vaccine	Inactive	
23	Plague	Plague vaccine	Active	
133	Pneumococcal conjugate PCV13	Pneumococcal conjugate vaccine, 13 valent	Active	
100	Pneumococcal conjugate PCV7	Pneumococcal conjugate vaccine, 7 valent	Active	
33	Pneumococcal polysaccharide PPV23	Pneumococcal polysaccharide vaccine, 23 valent	Active	
109	Pneumococcal, unspecified formulation	Pneumococcal vaccine, unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
89	Polio, unspecified formulation	Poliovirus vaccine, unspecified formulation	Inactive	
70	Q fever	Q fever vaccine	Never Active	
40	Rabies, intradermal injection	Rabies vaccine, for intradermal injection	Active	
18	Rabies, intramuscular injection	Rabies vaccine, for intramuscular injection	Active	
90	Rabies, unspecified formulation	Rabies vaccine, unspecified formulation	Inactive	
72	Rheumatic fever	Rheumatic fever vaccine	Never Active	
73	Rift Valley fever	Rift Valley fever vaccine	Never Active	
34	RIG	Rabies immune globulin	Active	
119	Rotavirus, monovalent	Rotavirus, live, monovalent vaccine	Active	
116	Rotavirus, pentavalent	Rotavirus, live, pentavalent vaccine	Active	
74	Rotavirus, tetravalent	Rotavirus, live, tetravalent vaccine	Inactive	
122	Rotavirus, unspecified formulation	Rotavirus vaccine, unspecified formulation	Inactive	
71	RSV-IGIV	Respiratory syncytial virus immune globulin, intravenous	Active	

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
93	RSV-MAb	Respiratory syncytial virus monoclonal antibody (palivizumab), intramuscular	Active	
145	RSV-MAb (new)	Respiratory syncytial virus monoclonal antibody (motavizumab), intramuscular	Pending	
06	Rubella	Rubella virus vaccine	Active	
38	Rubella/mumps	Rubella and mumps virus vaccine	Inactive	
76	Staphylococcus bacterio lysate	Staphylococcus bacteriophage lysate	Inactive	
138	Td (adult)	Tetanus and diphtheria toxoids, not adsorbed, for adult use	Active	Note that this Td is not adsorbed.
113	Td (adult) preservative-free	Tetanus and diphtheria toxoids, adsorbed, preservative-free, for adult use	Active	
09	Td (adult), adsorbed	Tetanus and diphtheria toxoids, adsorbed, for adult use	Active	Note that this vaccine name has changed. See also Td (adult). It is not adsorbed.
139	Td (adult), unspecified formulation	Td (adult) unspecified formulation	Inactive	Use for reporting historical doses where the formulation is unknown.
115	Tdap	Tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine, adsorbed	Active	
35	Tetanus toxoid, adsorbed	Tetanus toxoid, adsorbed	Active	
142	Tetanus toxoid, not adsorbed	Tetanus toxoid, not adsorbed	Active	
112	Tetanus toxoid, unspecified formulation	Tetanus toxoid, unspecified formulation	Inactive	
77	Tick-borne encephalitis	Tick-borne encephalitis vaccine	Inactive	
13	TIG	Tetanus immune globulin	Active	
98	TST, unspecified formulation	Tuberculin skin test, unspecified formulation	Active	TB skin test is not a vaccine.
95	TST-OT tine test	Tuberculin skin test, old tuberculin, multipuncture device	Active	TB skin test is not a vaccine.
96	TST-PPD intradermal	Tuberculin skin test, purified protein derivative solution, intradermal	Active	TB skin test is not a vaccine.

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
97	TST-PPD tine test	Tuberculin skin test, purified protein derivative, multipuncture device	Active	TB skin test is not a vaccine.
78	Tularemia vaccine	Tularemia vaccine	Inactive	
25	Typhoid, oral	Typhoid vaccine, live, oral	Active	
41	Typhoid, parenteral	Typhoid vaccine, parenteral, other than acetone-killed, dried	Active	
53	Typhoid, parenteral, AKD (U.S. military)	Typhoid vaccine, parenteral, acetone- killed, dried (U.S. military)	Active	
91	Typhoid, unspecified formulation	Typhoid vaccine, unspecified formulation	Inactive	
101	Typhoid, ViCPs	Typhoid Vi capsular polysaccharide vaccine	Active	
131	Typhus, historical	Historical record of a typhus vaccination	Inactive	
75	Vaccinia (smallpox)	Vaccinia (smallpox) vaccine	Active	
105	Vaccinia (smallpox) diluted	Vaccinia (smallpox) vaccine, diluted	Inactive	
79	Vaccinia immune globulin	Vaccinia immune globulin	Active	
21	Varicella	Varicella virus vaccine	Active	
81	VEE, inactivated	Venezuelan equine encephalitis, inactivated	Inactive	
80	VEE, live	Venezuelan equine encephalitis, live, attenuated	Inactive	
92	VEE, unspecified formulation	Venezuelan equine encephalitis vaccine, unspecified formulation	Inactive	
36	VZIG	Varicella zoster immune globulin	Active	
117	VZIG (IND)	Varicella zoster immune globulin (Investigational New Drug)	Inactive	
37	Yellow fever	Yellow fever vaccine	Active	
121	Zoster	Zoster vaccine, live	Active	
998	No vaccine administered	No vaccine administered	Inactive	Code 998 was added for use in VXU HL7 messages where the OBX segment is nested with the RXA segment, but the

CVX Code	Short Description	Full Vaccine Name	Vaccine Status	Notes
				message does not contain information about a vaccine administration.
99	RESERVED – Do not use	RESERVED – Do not use	Inactive	Code 99 will not be used in this table to avoid confusion with code 999.
999	Unknown	Unknown vaccine or immune globulin	Inactive	This CVX code has little utility and should not be used.

CPT Codes

CPT The table below cross-references Current Procedural Terminology (CPT) codes that are related to vaccines, toxoids and immune globulins with their corresponding CVX codes. Both active and inactive CPT codes are included.

CPT Code	CPT Description	CPT Code Status	CVX Code
90281	Immune globulin (IG), human, for intramuscular use	Active	86
90283	Immune globulin (IGIV), human, for intravenous use	Active	87
90287	Botulinum antitoxin, equine, any route	Active	27
90291	Cytomegalovirus immune globulin (CMV-IGIV), human, for intravenous use	Active	29
90296	Diphtheria antitoxin, equine, any route	Active	12
90371	Hepatitis B immune globulin (HBIG), human, for intramuscular use	Active	30
90375	Rabies immune globulin (RIG), human, for intramuscular and/or subcutaneous use	Active	34
90376	Rabies immune globulin, heat-treated (RIG-HT), human, for intramuscular and/or subcutaneous use	Active	34
90378	Respiratory syncytial virus immune globulin (RSV-IgIM), for intramuscular use, 50 mg, each	Active	93
90379	Respiratory syncytial virus immune globulin (RSV-IGIV), human, for intravenous use	Active	71
90389	Tetanus immune globulin (TIG), human, for intramuscular use	Active	13
90393	Vaccinia immune globulin, human, for intramuscular use	Active	79
90396	Varicella-zoster immune globulin, human, for intramuscular use	Active	36
90470	H1N1 immunization administration (intramuscular, intranasal), including counseling when performed	Inactive	128
90476	Adenovirus vaccine, type 4, live, for oral use	Active	54
90477	Adenovirus vaccine, type 7, live, for oral use	Active	55
90581	Anthrax vaccine, for subcutaneous use	Active	24
90585	Bacillus Calmette-Guerin vaccine (BCG) for tuberculosis, live, for percutaneous use	Active	19
90632	Hepatitis A vaccine, adult dosage, for intramuscular use	Active	52
90633	Hepatitis A vaccine, pediatric/adolescent dosage-2 dose	Active	83

CPT Code	CPT Description	CPT Code Status	CVX Code
	schedule, for intramuscular use		
90634	Hepatitis A vaccine, pediatric/adolescent dosage-3 dose schedule, for intramuscular use	Active	84
90636	Hepatitis A and hepatitis B (HepA-HepB), adult dosage, for intramuscular use	Active	104
90644	Meningococcal groups C and Y and Haemophilus b Tetanus Toxoid conjugate vaccine	Active	148
90645	Haemophilus influenzae type b vaccine (Hib), HbOC conjugate (4 dose schedule), for intramuscular use	Active	47
90646	Haemophilus influenzae type b vaccine (Hib), PRP-D conjugate, for booster use only, intramuscular use	Active	46
90647	Haemophilus influenzae type b vaccine (Hib), PRP-OMP conjugate (3 dose schedule), for intramuscular use	Active	49
90648	Haemophilus influenzae type b vaccine (Hib), PRP-T conjugate (4 dose schedule), for intramuscular use	Active	48
90649	Human Papillomavirus (HPV) vaccine, types 6, 11, 16, 18 (quadrivalent), 3 dose schedule, for intramuscular use	Active	62
90650	Human Papillomavirus (HPV) vaccine, types 16, 18 (bivalent), 3 dose schedule, for intramuscular use	Active	118
90654	Influenza virus vaccine, split virus, preservative free, for Intradermal use	Active	144
90655	Influenza virus vaccine, split virus, preservative free, for children 6-35 months of age, for intramuscular use	Active	140
90656	Influenza virus vaccine, split virus, preservative free, for use in individuals 3 years of age and above, for intramuscular use	Active	140
90657	Influenza virus vaccine, split virus, for children 6-35 months of age, for intramuscular use	Active	141
90658	Influenza virus vaccine, split virus, for use in individuals 3 years of age and above, for intramuscular use	Active	141
90659	Influenza virus vaccine, whole virus, for intramuscular or jet injection use	Inactive	16
90660	Influenza virus vaccine, live, for intranasal use	Active	111
90662	Influenza virus vaccine, split virus, preservative free, enhanced immunogenicity via increased antigen content, for intramuscular use	Active	135
90663	Influenza virus vaccine, pandemic formulation, H1N1	Inactive	128
90664	Influenza virus vaccine, pandemic formulation, live, for intranasal use	Inactive	125
90665	Lyme disease vaccine, adult dosage, for intramuscular use	Active	66
90666	Influenza virus vaccine, pandemic formulation, split virus, preservative free, for intramuscular use	Inactive	126
90668	Influenza virus vaccine, pandemic formulation, split virus, for intramuscular use	Inactive	127
90669	Pneumococcal conjugate vaccine, polyvalent, for children under five years, for intramuscular use	Active	100
90670	Pneumococcal conjugate vaccine, 13 valent, for intramuscular use	Active	133
90675	Rabies vaccine, for intramuscular use	Active	18
90676	Rabies vaccine, for intradermal use	Active	40

CPT Code	CPT Description	CPT Code Status	CVX Code
90680	Rotavirus vaccine, pentavalent, 3 dose schedule, live, for oral use	Active	116
90681	Rotavirus vaccine, human, attenuated, 2 dose schedule, live, for oral use	Active	119
90690	Typhoid vaccine, live, oral	Active	25
90691	Typhoid vaccine, Vi capsular polysaccharide (ViCPs), for intramuscular use	Active	101
90692	Typhoid vaccine, heat- and phenol-inactivated (H-P), for subcutaneous or intradermal use	Active	41
90693	Typhoid vaccine, acetone-killed, dried (AKD), for subcutaneous use (U.S. military)	Active	53
90696	Diphtheria, tetanus toxoids, acellular pertussis vaccine and poliovirus vaccine, inactivated (DTaP-IPV), when administered to children 4 years through 6 years of age, for intramuscular use	Active	130
90698	Diphtheria, tetanus toxoids, and acellular pertussis vaccine, Haemophilus influenzae type b, and poliovirus vaccine, inactivated (DTaP - Hib - IPV), for intramuscular use	Active	120
90700	Diphtheria, tetanus toxoids, and acellular pertussis vaccine (DTaP), for use in individuals younger than seven years, for intramuscular use	Active	20
90700	Diphtheria, tetanus toxoids, and acellular pertussis vaccine (DTaP), 5 pertussis antigens, for use in individuals younger than seven years, for intramuscular use	Active	106
90701	Diphtheria, tetanus toxoids, and whole cell pertussis vaccine (DTP), for intramuscular use	Active	01
90702	Diphtheria and tetanus toxoids (DT) adsorbed for use in individuals younger than seven years, for intramuscular use	Active	28
90703	Tetanus toxoid adsorbed, for intramuscular use	Active	35
90704	Mumps virus vaccine, live, for subcutaneous use	Active	07
90705	Measles virus vaccine, live, for subcutaneous use	Active	05
90706	Rubella virus vaccine, live, for subcutaneous use	Active	06
90707	Measles, mumps and rubella virus vaccine (MMR), live, for subcutaneous use	Active	03
90708	Measles and rubella virus vaccine, live, for subcutaneous use	Active	04
90710	Measles, mumps, rubella, and varicella vaccine (MMRV), live, for subcutaneous use	Active	94
90712	Poliovirus vaccine, (any type(s)) (OPV), live, for oral use	Active	02
90713	Poliovirus vaccine, inactivated, (IPV), for subcutaneous or intramuscular use	Active	10
90714	Tetanus and diphtheria toxoids (Td) adsorbed, preservative free, for use in individuals seven years or older, for intramuscular use	Active – Beginning in 2005, this CPT code maps to Td preservative free.	113

CPT Code	CPT Description	CPT Code Status	CVX Code
90714	Typhoid vaccine	Inactive – This CPT code has been reused for Td preservative free.	91
90715	Tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap), for use in individuals 7 years or older, for intramuscular use	Active	115
90716	Varicella virus vaccine, live, for subcutaneous use	Active	21
90717	Yellow fever vaccine, live, for subcutaneous use	Active	37
90718	Tetanus and diphtheria toxoids (Td) adsorbed for use in individuals seven years or older, for intramuscular use	Active	09
90720	Diphtheria, tetanus toxoids, and whole cell pertussis vaccine and <i>Haemophilus influenzae</i> type b vaccine (DTP-Hib), for intramuscular use	Active	22
90721	Diphtheria, tetanus toxoids, and acellular pertussis vaccine and <i>Haemophilus influenzae</i> type b vaccine (DTaP-Hib), for intramuscular use	Active	50
90723	Diphtheria, tetanus toxoids, acellular pertussis vaccine, Hepatitis B, and poliovirus vaccine, inactivated (DTaP- HepB-IPV), for intramuscular use	Active	110
90724	Influenza virus vaccine	Inactive	88
90725	Cholera vaccine for injectable use	Active	26
90726	Rabies vaccine	Inactive	90
90727	Plague vaccine, for intramuscular use	Active	23
90728	BCG vaccine	Inactive	19
90730	Hepatitis A vaccine	Inactive	85
90731	Hepatitis B vaccine	Inactive	45
90732	Pneumococcal polysaccharide vaccine, 23-valent, adult or immunosuppressed patient dosage, for use in individuals 2 years or older, for subcutaneous or intramuscular use	Active	33
90733	Meningococcal polysaccharide vaccine (any group(s)), for subcutaneous use	Active	32
90734	Meningococcal conjugate vaccine, serogroups A, C, Y and W-135 (tetravalent), for intramuscular use – MCV4O	Active	136
90734	Meningococcal conjugate vaccine, serogroups A, C, Y and W-135 (tetravalent), for intramuscular use – MCV4P	Active	114
90735	Japanese encephalitis virus vaccine, for subcutaneous use	Active	39
90736	Zoster (shingles) vaccine, live, for subcutaneous injection	Active	121
90737	Haemophilus influenzae type b – unspecified	Inactive	17
90738	Japanese encephalitis virus vaccine, inactivated, for intramuscular use	Active	134
90740	Hepatitis B vaccine, dialysis or immunosuppressed patient dosage (3 dose schedule), for intramuscular use	Active	44
90741	Immunization, passive; immune serum globulin, human (ISG) - Inactive	Inactive	14

CPT Code	CPT Description	CPT Code Status	CVX Code
90743	Hepatitis B vaccine, adolescent (2 dose schedule), for intramuscular use	Active	43
90744	Hepatitis B vaccine, pediatric/adolescent dosage (3 dose schedule), for intramuscular use	Active	08
90745	Hepatitis B vaccine, adolescent/high risk infant dosage, for intramuscular use	Inactive	42
90746	Hepatitis B vaccine, adult dosage, for intramuscular use	Active	43
90747	Hepatitis B vaccine, dialysis or immunosuppressed patient dosage (4 dose schedule), for intramuscular use	Active	44
90748	Hepatitis B and <i>Haemophilus influenzae</i> type b vaccine (HepB-Hib), for intramuscular use	Active	51

Reactions

Code	Description
PERTCONT	Pertussis allergic reaction
TETCONT	Tetanus allergic reaction
HYPOTON	Hypotonic-hyporesponsive collapse within 48 hours of immunization
SEIZURE	Seizure occurring within 3 days of immunization
CRYING	Persistent crying lasting ≥ 3 hours within 48 hours of immunization
FEVER105	Temperature ≥ 105°F (40.5°C) within 48 hours of immunization

Client Status

Code	Description
А	Active
I	Inactive
L	Inactive - Lost to follow-up (cannot contact)
М	Inactive - Moved or gone elsewhere (MOGE) (transferred)
Р	Inactive - Permanently inactive (do not re-activate or add new entries to this record)
0	Other
U	Unknown

Language

Code	Description
ASL	American Sign Language
AM	Amharic
AR	Arabic
HY	Armenian
BN	Bengali
BU	Burmese

KM	Cambodian (Kmer)
CA	Cantonese
CJD	Chamorro
CH	Chinese
HR	Croatian
CS	Czech
NI	Dutch
EN	English
FA	Farsi
FR	French
DE	German
EL	Greek
HI	Hindi
HM	Hmong
HU	Hungarian
ILO	Ilocano
ID	Indonesian
IT	Italian
JA	Japanese
KA	Karen
KO	Korean
LA	Laotian
LA	Laotian
MA	Mandarin
NA	Native American
NE	Nepalese
NA	North American Indian
OT	Other
РО	Polish
PG	Portuguese
RO	Romanian
RUM	Rumanian
RU	Russian
SM	Samoan
SR	Serbian
SK	Slovak
SO	Somali
ES	Spanish
SW	Swahili
TL	Tagalog
TH	Thai
TI	Tigrinya
ТО	Tongan

UK	Ukrainian
UN	Undetermined
UR	Urdu
VI	Vietnamese
ΥI	Yiddish

Vaccine Funding Source

Code	Description
PVF	Private Funds
PBF	Public Funds (e.g., VFC)
MLF	Military Funds
OTH	Other
SPC	Special Projects

Multiple

Code	Description
2	Twin
3	Triplet
M	More
N	No