

Wisconsin Immunization Registry

Implementation Guide for Immunization Messaging

WIR Flat File

Immunization data is passed to the central registry using three flat files containing client, immunization, and comment information respectively. The files will be linked via a 24-character Record Identifier supplied by the provider of the file. This identifier will uniquely identify each client and will appear in each immunization and comment record to link the immunization and comment to the client. Character fields need to be left justified and blank-filled, number fields right justified and blank-filled, and date fields in format MMDDYYYY with leading zeroes. If a site is unable to supply any information for a specified field, the entire field needs be filled with blanks.

Below are the fields to include in each of the files. Files need to be generated using the ASCII character set. Records will be fixed length and need to be terminated with a carriage return/line feed.

Field Specifications and Usage:

1.	Element Name	Name of the field to identify the datum value that is to be populated in the respective position.																						
2.	Data type	Data type																						
3.	Len.	Maximum length of the element (field)																						
4.	Start Pos.	The first ordinal position of the Element Name (field).																						
5.	End Pos.	The last ordinal position of the Element Name (field).																						
6.	Value Set	Name of the table giving valid values for the element (field).																						
7.	Usage	<table border="1"> <thead> <tr> <th>Usage</th> <th>Description</th> <th>Definition</th> </tr> </thead> <tbody> <tr> <td>R</td> <td>Required</td> <td>The sending application SHALL populate “R” elements with a valid non-empty value.</td> </tr> <tr> <td>RE</td> <td>Required but may be empty</td> <td>The sending application SHALL populate “RE” elements with a non-empty value if there is relevant data.</td> </tr> <tr> <td>C(a/b)</td> <td>Conditional</td> <td> <p>The sending application SHALL follow the usage of the “a” half of the conditional usage if the conditional predicate is true.</p> <p>The sending application SHALL follow the usage of the “b” half of the conditional usage if the conditional predicate is false.</p> <p>“a” and “b”</p> <ul style="list-style-type: none"> • shall be “R”, “RE”, “IX”, or “X” • can be valued the same or differently. </td> </tr> <tr> <td>O</td> <td>Optional</td> <td>Not Applicable</td> </tr> <tr> <td>IX</td> <td>Not supported in this implementation</td> <td>The sending application SHALL NOT populate “IX” elements.</td> </tr> <tr> <td>X</td> <td>Not supported</td> <td>The sending application SHALL NOT populate “X” elements.</td> </tr> </tbody> </table>		Usage	Description	Definition	R	Required	The sending application SHALL populate “R” elements with a valid non-empty value.	RE	Required but may be empty	The sending application SHALL populate “RE” elements with a non-empty value if there is relevant data.	C(a/b)	Conditional	<p>The sending application SHALL follow the usage of the “a” half of the conditional usage if the conditional predicate is true.</p> <p>The sending application SHALL follow the usage of the “b” half of the conditional usage if the conditional predicate is false.</p> <p>“a” and “b”</p> <ul style="list-style-type: none"> • shall be “R”, “RE”, “IX”, or “X” • can be valued the same or differently. 	O	Optional	Not Applicable	IX	Not supported in this implementation	The sending application SHALL NOT populate “IX” elements.	X	Not supported	The sending application SHALL NOT populate “X” elements.
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8.	Conditional predicate	The condition which will be evaluated to determine the usage of a conditional field.																						
9.	Format	Specifics on how the datum values are to be formatted.																						
10.	Notes	Additional details related to the element (field).																						

Client Data

Element Name	Data Type	Len.	Start Pos.	End Pos.	Value Set	Usage	Conditional Predicate	Format	Notes
Record Identifier	Char.	24	1	24		R			Supplied by sender, used to link a Client to Immunization records.
Client Status	Char.	1	25	25	Client Status	RE			
First Name	Char.	25	26	50		R			
Middle Name	Char.	25	51	75		RE			
Last Name	Char.	35	76	110		R			
Name Suffix	Char.	10	111	120		O			JR, III, etc.
Birth Date	Date	8	121	128		R		MMDDYYYY	
Death Date	Date	8	129	136		C(RE/X)	If Client Status is valued "P"	MMDDYYYY	
Mothers First Name	Char.	25	137	161		RE			
Mothers Maiden Last Name	Char.	35	162	196		RE			Mother's maiden last name assists with the client de-duplication process. It is highly recommended that this information be provided whenever possible.
Sex (Gender)	Char.	1	197	197	Sex (Gender)	RE			
Race	Char.	1	198	198	Race	RE			
Ethnicity	Char.	2	199	200	Ethnicity	RE			
SSN	Char.	9	201	209		RE		Do not include hypens	Invalid SSN is considered to be any SSN with all of the same numbers (i.e. 999999999), all consecutive numbers (123456789 or 987654321 or 098765432, etc.), contains non-numeric characters, begins with '000' or ends with '0000', begins in the range of '700 – 728'.
Contact Allowed	Char.	2	210	211	Contact	RE			Controls whether notices are sent. If <null> default to 02.

Client Data

Element Name	Data Type	Len.	Start Pos.	End Pos.	Value Set	Usage	Conditional Predicate	Format	Notes
Consent to Share	Char.	1	212	212		RE			Controls visibility of records to other organizations. Use Y, N, or <null>. If incoming value is null, database will store as 'U' and UI will store as "Unknown". Null will be sent back on bidirectional and WIR to PO exchanges.
Chart Number	Char.	20	213	232		C(R/RE)	If organization type is an HMO.		Identifier within the sending organization's system
Responsible Party First Name	Char.	25	233	257		RE			
Responsible Party Middle Name	Char.	25	258	282		RE			
Responsible Party Last Name	Char.	35	283	317		RE			
Responsible Party Relationship	Char.	2	318	319	Relationship	C(R/X)	If Responsible Party First Name and/or Responsible Party Last Name are populated.		
Street Address	Char.	55	320	374		RE			
PO Box Route Line	Char.	55	375	429		RE			
Other Address Line	Char.	55	430	484		RE			
City	Char.	52	485	536		RE			
State	Char.	2	537	538		RE			
Zip	Char.	9	539	547		RE			If +4 zip is used, the first 5 characters and second 4 characters are concatenated into a single value, without separators. Ex: 555554444

Client Data

Element Name	Data Type	Len.	Start Pos.	End Pos.	Value Set	Usage	Conditional Predicate	Format	Notes
County	Char.	5	548	552	County	O			
Phone	Char.	17	553	569		RE			Format as digits only starting with the area code, ex. 6081234567.
Sending Organization	Char.	5	570	574		C(R/O)	If an organization is providing data for other organization(s) that own the record(s).		This is the numeric ID of the provider organization that owns this client and corresponding immunization records. Contact the WIR Help Desk for the appropriate organization ID.

Immunization

Element Name	Data Type	Len.	Start Pos.	End Pos.	Value Set	Usage	Conditional Predicate	Format	Notes
Record Identifier	Char.	24	1	24		R			Supplied by sender, used to link Immunizations to a Clients record.
Vaccine Group	Char.	16	25	40	Vaccine Codes	C(R/RE)	CPT Code is not valued		
CPT Code	Char.	5	41	45	Vaccine Codes	C(R/RE)	Vaccine Group is not valued		
Trade Name	Char.	24	46	69	Vaccine Codes	RE			Vaccine trade name is highly encouraged.
Vaccination Date	Date	8	70	77		R			MMDDYYYY
Administration Route Code	Char.	2	78	79	Administration Route	RE			
Body Site Code	Char.	4	80	83	Body Site	RE			
Reaction Code	Char.	8	84	91	Reaction	O			
Manufacturer Code	Char.	4	92	95	Manufacturers	RE			
Immunization Information Source	Char.	2	96	97	Immunization Information Source	O			Indicates whether this immunization was administered by your organization or the immunization information is historical from client record.
Lot Number	Char.	30	98	127		RE			Converted records will be stored in WIR as historical records, so the Lot Number will not correspond to inventory tracked in WIR, but Lot Number can still be stored as historical information.

Immunization

Element Name	Data Type	Len.	Start Pos.	End Pos.	Value Set	Usage	Conditional Predicate	Format	Notes
Provider Name	Char.	50	128	177		O			The historical provider name.
Administered By Name	Char.	50	178	227		C(RE/O)	If Immunization Information Source is valued "00"		The name of the person who administered the vaccination.
Site Name	Char.	30	228	257		O			The name of the clinic site where the vaccination occurred.
Sending Organization	Char.	5	258	262		C(R/O)	If an organization is providing data for other organization(s) that own the record(s).		This is ID of the provider organization that owns this client and corresponding immunization records. Contact the WIR Help Desk for the appropriate organization ID. * 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.

Comment

Element Name	Data Type	Len.	Start Pos.	End Pos.	Value Set	Usage	Conditional Predicate	Format	Notes
Record Identifier	Char.	24	1	24		R			Supplied by sender, used to link Comments to a Clients record. This field is required if a comment code is being sent.
Comment Code	Char.	2	25	26	Comments	R			
Applies To Date	Date	8	27	34		R			The date to which the comment applies. MMDDYYYY

Notes on Refusals:

Refusals are sent in the **Comment** file. Please bear the following in mind when sending in refusals or receiving output flat files from WIR.

- a) The WIR system will write out multiple refusals for the same vaccine on different dates for those clients who have them.
- b) The WIR system will accept incoming refusals of the same vaccine on different dates and file them both. However, if they both have the same applies-to date, only one will be stored.
- c) The sending organization in the client file will become the refusal owner. In general, only the organization who owns the refusal is permitted to edit it. However, in the case of parent and child organizations, the parent may edit the child's refusals and vice versa.

Examples

Records need to be **blank** filled. In the following example, blanks are represented with the ‘*’ character for illustrative purposes.

Client Record

```
12345*****AMELANA*****RAE*****MAERZ*****
***08141985*****MARY*****CARPENTER*****FWNH*****02Y*****33
DAVID*****RAPHAEL*****MAERZ*****33125*WEST*STREET*****
*****
*****DANE*****WI535291234WI025*****6085556543*****
```

Immunization Record

```
12345*****DTAP*****TETRAMUNE*****10091985*****00*****
*****
*****
```

Comment Code Record

```
12345*****3110091985
```

Table Item	Code	Description
Administration Route	ID	Intradermal
	IM	Intramuscular
	IN	Intranasal
	IV	Intravenous
	PO	Oral
	SC	Subcutaneous
	TD	Transdermal
	MP	Multiple Puncture (Small Pox)
Body Site	BN	Bilateral Nares
	LA	Left Arm
	LD	Left Deltoid
	LG	Left Gluteus Medius
	LLFA	Left Lower Forearm
	LPC	Left Posterior Chest
	LT	Left Thigh
	LVL	Left Vastus Lateralis
	RA	Right Arm
	RD	Right Deltoid
	RG	Right Gluteus Medius
	RLFA	Right Lower Forearm
	RPC	Right Posterior Chest
	RT	Right Thigh
RVL	Right Vastus Lateralis	
Client Status	A	Active
	N	Inactive
	P	Permanently Inactive – Deceased Clients
Comments	03	Allergy to baker's yeast (anaphylactic)
	04	Allergy to egg ingestion (anaphylactic)
	05	Allergy to gelatin (anaphylactic)
	06	Allergy to neomycin (anaphylactic) MMR & IPV
	07	Allergy to Streptomycin (anaphylactic)
	08	Allergy to Thimerosal (anaphylactic)
	22	Chronic illness
	CI	Contact with Infant(s) less than 6 months of age
	21	Current acute illness, moderate to severe
	14	Current diarrhea, moderate to severe
	15	Encephalopathy within 7 days of previous dose of DTP
	16	Current fever with moderate-to-severe illness
	18	Guillain-Barre Syndrome (GBS) within 6 weeks after DTP/DTaP
	26	Hepatitis B ANTIBODY to surface antigen, positive(immune)
	26	Hepatitis B titer – immune
	HR	High Risk Condition(s)
	29	History of Pertussis
	31	History of Rubella
	XC	History of Varicella/chicken pox
	23	Immune globulin(IG) administration, recent or simultaneous
24	Immunity: Diphtheria	
25	Immunity: Haemophilus Influenzae type B	
XA	Immunity: Hepatitis A	

Table Item	Code	Description
	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)
	42	Immunity: Rabies
	34	Immunodeficiency (family history)OPV & VZV
	35	Immunodeficiency (household contact) OPV
	36	Immunodeficiency
	27	Measles titer – immune
	28	Mumps titer – immune
	37	Neurologic disorders
	38	Otitis media (ear infection) moderate to severe
	CP	Pertussis contraindication and precautions
	P1	Refusal of DT
	P2	Refusal of DT/aP
	P3	Refusal of HepB
	P4	Refusal of Hib
	P5	Refusal of MMR
	P6	Refusal of Pneumococcal
	P7	Refusal of Polio
	P8	Refusal of Td
	P9	Refusal of Varicella
	PA	Refusal of All Childhood Vaccines
	PB	Refusal of HepA
	PC	Refusal of Influenza-Seasonal
	PD	Refusal of Meningococcal
	PE	Refusal of Rotavirus
	PF	Refusal of HPV
	PG	Refusal of Pertussis
	PH	Refusal of Smallpox
	PJ	Refusal of Influenza-Novel H1N1
	PK	Refusal of Zoster
	PL	Refusal of Pneumo-Poly
	PM	Refusal of COVID-19
	39	Pregnancy (in recipient)
	31	Rubella titer – immune
	CT	Tetanus contraindication – allergic reaction
	40	Thrombocytopenia
	41	Thrombocytopenia purpura (history)
	33	Varicella titer – immune
Contact	01	No contact allowed – Notices are not to be sent.
	02	Contact Allowed – Notices will be sent.
County	WI001	Adams
	WI003	Ashland
	WI005	Barron
	WI007	Bayfield
	WI009	Brown
	WI011	Buffalo
	WI013	Burnett
	WI015	Calumet

Table Item	Code	Description
	WI017	Chippewa
	WI019	Clark
	WI021	Columbia
	WI023	Crawford
	WI025	Dane
	WI027	Dodge
	WI029	Door
	WI031	Douglas
	WI033	Dunn
	WI035	Eau Claire
	WI037	Florence
	WI039	Fond du Lac
	WI041	Forest
	WI043	Grant
	WI045	Green
	WI047	Green Lake
	WI049	Iowa
	WI051	Iron
	WI053	Jackson
	WI055	Jefferson
	WI057	Juneau
	WI059	Kenosha
	WI061	Kewaunee
	WI063	La Crosse
	WI065	Lafayette
	WI067	Langlade
	WI069	Lincoln
	WI071	Manitowoc
	WI073	Marathon
	WI075	Marinette
	WI077	Marquette
	WI078	Menominee
	WI079	Milwaukee
	WI081	Monroe
	WI083	Oconto
	WI085	Oneida
County	WI087	Outagamie
	WI089	Ozaukee
	WI091	Pepin
	WI093	Pierce
	WI095	Polk
	WI097	Portage
	WI099	Price
	WI101	Racine
	WI103	Richland
	WI105	Rock
	WI107	Rusk
	WI109	St. Croix
	WI111	Sauk
	WI113	Sawyer
	WI115	Shawano
	WI117	Sheboygan
	WI119	Taylor
WI121	Trempeleau	
WI123	Vernon	
WI125	Vilas	

Table Item	Code	Description
	WI127	Walworth
	WI129	Washburn
	WI131	Washington
	WI133	Waukesha
	WI135	Waupaca
	WI137	Waushara
	WI139	Winnebago
	WI141	Wood
Ethnicity	NH	Non-Hispanic
	H	Hispanic
Immunization Information Source	00	Administered Vaccine by providing organization
	01	Historical recorded from client record
Manufacturers	AB	Abbott Laboratories (<i>Ross Products Division</i>) (Inactive)
	ACA	ACAMBIS
	AD	Adams Laboratories
	ALP	Alpha Therapeutic Corporation (Inactive)
	AR	Armour (Inactive use CSL)
	AVB	Aventis Behring L.L.C. (<i>Centeon and Armour Pharmaceutica, Inactive use CSL</i>)
	AVI	Aviron
	BA	Baxter Healthcare Corporation (Inactive use BAH)
	BAH	Baxter Healthcare Corporation (<i>Hyland, Immuno Intl. AG, and N. Amer. Vac</i>)
	BAY	Bayer (Including Miles And Cutter)
	BN	Bavarian Nordic A/S
	BP	Berna Products (Inactive use BPC)
	BPC	Berna (<i>Including Swiss Serum And Vib</i>)
	BRR	Barr Laboratories (Inactive)
	CEN	Centeon (Inactive use CSL)
	CHI	Chiron Corporation (Inactive use NOV)
	CMP	Celltech Medeva Pharmaceuticals (Inactive use NOV)
	CNJ	Cangene Corporation
	CON	Connaught (Inactive use PMC)
	CRU	Crucell (Inactive)
	CSL	CSL Behring, Inc.
	DVC	DynPort Vaccine Company, LLC
	DVX	Dynavax Inc.
	EVN	Evans Medical Limited (Inactive use NOV)
	GEO	GeoVax Labs, Inc
	GRE	Greer Laboratories Inc. (Inactive)
	GRF	Grifols
	IAG	Immuno International Ag (Inactive use BAH)
	IDB	ID Biomedical
	IM	Merieux (Inactive use PMC)
	INT	Intercell Biomedical (Inactive)
	IUS	Immuno-U.S., Inc.
	JPN	Osaka University (Biken) (Inactive)
	JSN	Janssen
KGC	Korea Green Cross Corporation	
LED	Lederle (Inactive use WAL)	
MA	Massachusetts Public Health Biologic Lab (Inactive use MBL)	
MBL	Massachusetts Biologics Laboratories	
MED	Medimmune, Inc.	
MIL	Miles (Inactive use BAY)	
MIP	Emergent BioSolutions	

Table Item	Code	Description
	MOD	Moderna US, Inc.
	MSD	Merck & Co., Inc.
	MSP	MSP Vaccine Company – (partnership Merck and Sanofi Pasteur)
	NAB	NABI (formerly North American Biologicals)
	NAV	North American Vaccine, Inc. (Inactive use BAH)
	NOV	Novartis Pharmaceutical Corp. (<i>Ciba-Geigy and Sandoz</i>)
	NVX	Novavax, Inc
	NYB	New York Blood Center (Inactive)
	OTC	Organon Teknika Corporation (Inactive)
	ORT	Ortho-Clinical Diagnostics (formerly Ortho Diagnostic Systems, Inc.)
	PAX	Emergent Travel Health, Inc (Formerly PaxVax)
	PD	Parkedale Pharmaceuticals (formerly Parke-Davis)
	PFR	Pfizer
	PMC	Aventis Pasteur (<i>Connaught and Pasteur Merieux</i>)
	PRX	Praxis Biologics (Inactive use WAL)
	PSC	Protein Sciences
	PWJ	Powerject Pharmaceuticals (<i>Celltech Medeva and Evans Medical</i>)
	SCL	Sclavo, Inc. (Inactive)
	SEQ	Seqirus
	SI	Swiss Serum and Vaccine Inst. (Inactive use BPC)
	SKB	GlaxoSmithKline (<i>SmithKline Beecham and Glaxo Wellcome</i>)
	SOL	Solvay Pharmaceuticals
	TAL	Talecris Biotherapeutics (includes Bayer Biologicals) (Inactive)
	USA	Us Army Med Research
	VAL	Valneva
	VBI	VBI Vaccines, Inc
	VXG	VaxGen
	WA	Wyeth-Ayerst (Inactive use WAL)
	WAL	Wyeth
	ZLB	ZLB Behring (includes Aventis Behring and Armour Pharmaceutical Company) (Inactive use CSL)
	OTH	Other manufacturer
	UNK	Unknown
Race	I	American Indian or Alaska Native
	A	Asian
	P	Native Hawaiian or Other Pacific Islander
	B	Black or African-American
	W	White
	O	Other
	U	Unknown
Relationship	18	Self
	61	Aunt
	62	Brother
	33	Father
	87	Foster Father
	88	Foster Mother
	97	Grandfather
	98	Grandmother
	26	Guardian
	32	Mother
	B7	Sister
	64	Spouse
	48	Stepfather
	49	Stepmother

Table Item	Code	Description
	D3	Uncle
Reaction Codes	10	Anaphylactic reaction
	CRYING	Persistent crying lasting \geq 3 hours within 48 hours of immunization
	ERVISIT	Emergency room/doctor visit required
	FEVER105	Temperature \geq 105 (40.5 C) within 48 hours of immunization
	HYPOTON	Hypotonic-hyporesponsive collapse within 48 hours of immunization
	SEIZURE	Seizure occurring within 3 days
Sex (Gender)	F	Female
	M	Male
	U	Unknown

VACCINE CODES

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG
90476	54	Adeno	Adeno T4	Adeno T4	Adenovirus type 4, live oral	WAL
90477	55		Adeno T7	Adeno T7	Adenovirus type 7, live oral	WAL
	82		Adeno, unspecified formulation		Recorded as CVX 55	
90581	24	Anthrax	Anthrax	Anthrax BioThrax	Anthrax	MIP
	318		Anthrax, post-exposure prophylaxis 0.5mL	Cyfundus	Anthrax vaccine, adsorbed, adjuvanted, post-exposure prophylaxis	MIP
	319		Anthrax vaccine, unspecified		Anthrax vaccine, unspecified	
90585	19	BCG	BCG-TB	BCG-TB	Bacillus Calmette-Guerin TB	MSD
90586			BCG-BC	BCG-Cancer	Bacillus Calmette-Guerin bladder cancer	OTC
90728			BCG		BCG	
90589	317	Chikungunya	Chikungunya, live attenuated, 0.5 mL, PF	IXCHIQ	Chikungunya, live attenuated vaccine, 0.5 mL, preservative free	VAL
90625	174	Cholera	Cholera, live attenuated	Vaxchora	Cholera, live attenuated	BN
90725	26		Cholera, unspecified formulation		Cholera, unspecified formulation	
91300	208	COVID-19	Pfizer COVID-19 Vaccine	Pfizer COVID-19 Vaccine	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 30 mcg/0.3mL dose	PFR
91301	207		Moderna COVID-19 Vaccine	Moderna COVID-19 Vaccine Spikevax	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 100 mcg/0.5mL dose or 50 mcg/0.25mL dose	MOD
91303	212		Janssen COVID-19 Vaccine	Janssen COVID-19 Vaccine	SARS-COV-2 (COVID-19) vaccine, vector non-replicating, recombinant spike protein-Ad26, preservative free, 0.5 mL	JSN
91304	313		NOVAVAX 12+	NOVAVAX 12+	SARS-COV-2 (COVID-19) vaccine, subunit, recombinant spike protein-nanoparticle+Matrix-M1 Adjuvant, preservative free, 5 mcg/0.5 mL dose	NVX
91304	211		Novavax COVID-19 Vaccine	Novavax COVID-19 Vaccine	SARS-COV-2 (COVID-19) vaccine, Subunit, recombinant spike protein-nanoparticle+Matrix-M1 Adjuvant, preservative free, 0.5mL per dose	NVX
91305	217		Pfizer COVID-19 tris 12+	Pfizer COVID-19 tris 12+ Comirnaty	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 30 mcg/0.3 mL dose, tris-sucrose formulation	PFR
91307	218		Pfizer COVID-19 (5-11Y)	Pfizer COVID-19 (5-11Y)	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 10 mcg/0.2 mL dose, tris-sucrose formulation	PFR
91308	219		Pfizer COVID-19 (6M-4Y)	Pfizer COVID-19 (6M-4Y)	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 3 mcg/0.2 mL dose, tris-sucrose formulation	PFR
91309	221		Moderna6-11Y/ 18+BOOSTER	Moderna6-11Y/ 18+BOOSTER	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 50 mcg/0.5 mL dose	MOD
91311	228		Moderna COVID-19 (6M-5Y)	Moderna COVID-19 (6M-5Y)	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, pediatric 25 mcg/0.25 mL dose	MOD
91312	300	Pfizer BvIntBstr 12+	Pfizer BvIntBstr 12+	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, bivalent booster, preservative free, 30 mcg/0.3mL dose, tris-sucrose formulation	PFR	
91313	229	Moderna BvIntBstr	Moderna BvIntBstr	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, bivalent booster, preservative free, 50 mcg/0.5 mL dose	MOD	

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG
91314	229		Moderna BvIntBstr	Moderna BvIntBstr	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, bivalent booster, preservative free, 25mcg/0.25mL dose	MOD
91315	301		Pfizer BvIntBstr 5-11	Pfizer BvIntBstr 5-11	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, bivalent booster, preservative free, 30 mcg/0.3mL dose, tris-sucrose formulation	PFR
91316	230		Moderna BvIntBstr 6M-5Y	Moderna BvIntBstr 6M-5Y	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, bivalent booster, preservative free, 10 mcg/0.2 mL dose	MOD
91317	302		Pfizer BvIntBstr 6M-4Y	Pfizer BvIntBstr 6M-4Y	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, bivalent, preservative free, 3 mcg/0.2mL dose, tris-sucrose formulation	PFR
91318	308		PFIZER 6M-4Y	PFIZER 6M-4Y	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, tris-sucrose, 3 mcg/0.3 mL dose	PFR
91319	310		PFIZER 5Y-11Y	PFIZER 5Y-11Y	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, tris-sucrose, 10 mcg/0.3 mL dose	PFR
91320	309		COMIRNATY 12+	COMIRNATY 12+	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, tris-sucrose, 30 mcg/0.3 mL dose	PFR
91321	311		MODERNA 6M-11Y	MODERNA 6M-11Y	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 25 mcg/0.25 mL dose	MOD
91322	312		SPIKEVAX 12+	SPIKEVAX 12+	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 50 mcg/0.5 mL dose	MOD
	213		COVID-19, unspecified formulation		COVID-19, unspecified formulation	
90719		Diphtheria	Diphtheria	Diphtheria	Diphtheria	PD
90700	20	DTP/aP	DTaP	Acel-Imune Certiva Infanrix Tripedia	Diphtheria, tetanus toxoids and acellular pertussis vaccine	WAL BAH SKB PMC
90700	106		DTaP,5 pertussis antigens	DAPTACEL	Diphtheria, tetanus toxoids and acellular pertussis vaccine, 5 pertussis antigens	PMC
90701	01		DTP	DTP	Diphtheria, tetanus, whole cell pertussis	PMC
90702	28		DT	DT	Diphtheria tetanus pediatric	PMC
90720	22		DTP-Hib	Tetramune	DTP – Hib combination	WAL
90721	50		DTaP-Hib	TriHIBit	DtaP-Hib combination	PMC
90723	110		DTAP-HepB-Polio	Pediarix	DTAP-HepB-Polio combination	SKB
90696	130		DTaP-IPV	KINRIX Quadracel	DTaP-IPV combination	SKB PMC
90697	146		DTaP-IPV-Hib-HepB	Vaxelis	DTaP-IPV-Hib-HepB Combination	MSP
90698	120		DtaP-Hib-IPV	Pentacel	DtaP-Hib-IPV combination	PMC
	107		DTaP, unspecified formulation		Recorded as CVX 20	
90758	204	Ebola	Ebola Zaire vaccine, live, recomb, 1mL	ERVEBO	Ebola Zaire vaccine, live, recombinant, 1mL dose	MSD
	214		Ebola, unspecified		Ebola, unspecified	
90735	39	Encephalitis	Japanese Encephalitis-SC	JE-Vax	Japanese encephalitis for Subcutaneous use	JPN
90738	134		Japanese Encephalitis-IM	Ixiaro	Japanese encephalitis for Intramuscular use	VAL
	129		Japanese Enceph, unspecified formulation		Japanese Enceph, unspecified formulation	
90632	52	HepA	HepA adult	Havrix-Adult VAQTA-Adult	Hepatitis A adult	SKB MSD

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG
90633	83		HepA-Ped 2 Dose	Havrix-Peds 2 Dose VAQTA-Peds 2 Dose	Hepatitis A pediatric/adolescent 2 dose	SKB MSD
90634	84		HepA -Peds	Havrix-Peds 3 Dose	Hepatitis A pediatric/adolescent 3 dose	SKB MSD
90636	104		HepA-HepB Adult	Twinrix	Hepatitis A & Hepatitis B adult	SKB
90730	85		Hep A, unspecified formulation		Hep A, unspecified formulation	
	31		Hep A-Peds, unspecified formulation		Recorded as CVX 85	
90636	104	HepB	HepA-HepB Adult	Twinrix	Hepatitis A & Hepatitis B adult	SKB
90723	110		DTAP-HepB-Polio	Pediarix	DTAP-HepB-Polio combination	SKB
90697	146		DTaP-IPV-Hib-HepB	Vaxelis	DTaP-IPV-Hib-HepB Combination	MSP
90731	45		Hep B, unspecified formulation		Hep B, unspecified formulation	
90739	189		HepB-CpG	Heplisav-B	Hepatitis B, adult dosage (2 dose schedule), for intramuscular use	DVX
90740	44		Hep B-Dialysis 3 dose		Hepatitis B Dialysis 3 dose	
90743	43		HepB adult	Recombivax-Adult Engerix-B Adult	Hepatitis B adult dose 1ml	MSD SKB
90744	08		HepB pediatric	Recombivax Peds Engerix-B Peds	Hepatitis B pediatric/adolescent .5ml	MSD SKB
90745	42		Hep B, adolescent/high risk infant		Hep B, adolescent/high risk infant	
90746	43		HepB adult	Recombivax-Adult Engerix-B Adult	Hepatitis B adult dose 1ml	MSD SKB
90747	44		HepB-Dialysis 4 dose	Recombivax-Dialysis Engerix-B dialysis	Hepatitis B Dialysis 4 dose	MSD SKB
90748	51		HepB-Hib	Comvax	HepB-Hib Combination	MSD
90759	220		HepB-Adult, recombinant, adjuvanted	Prehevbrio Hep B Adult	HepB recombinant, 3-antigen, Al(OH)3	VBI
			HepB-Unspecified			
90645	47	Hib	Hib-HbOC	Hib-TITER	Hemophilus influenza b HbOC 4 dose	WAL
90697	146		DTaP-IPV-Hib-HepB	Vaxelis	DTaP-IPV-Hib-HepB Combination	MSP
90646	46		Hib-PRP-D	ProHIBit	Hemophilus influenza b PRP-D booster	PMC
90647	49		Hib-OMP	PedvaxHIB	Hemophilus influenza b OMP 3 dose	MSD
90648	48		Hib-PRP-T	OmniHib ActHib Hiberix	Hemophilus influenza b PRP-T 4 dose	PMC PMC SKB
90720	22		DTP-Hib	Tetramune	DTP – Hib combination	WAL
90721	50		DTaP-Hib	TriHIBit	DtaP-Hib combination	PMC
90737	17		Hib, unspecified formulation		Hib,unspecified formulation	
90748	51		HepB-Hib	Comvax	HepB-Hib combination	MSD
90698	120		DtaP-Hib-IPV	Pentacel	DtaP-Hib-IPV combination	PMC
90644	148		Meningococcal C/Y-HIB PRP	MenHibrix	Meningococcal-Hib combination	SKB
90650	118	HPV	HPV, Bivalent	Cervarix	Human Papilloma Virus	SKB
90649	62		HPV, Quadrivalent	Gardasil	Human Papilloma Virus	MSD
90651	165		HPV, 9-valent	Gardasil 9	Human Papilloma Virus, 9-valent	MSD
	137		HPV, unspecified formulation		HPV, unspecified formulation	
90281	86	Ig	Ig	Ig	Ig human	
90283	87		IgIV	IgIV Flebogamma	Ig IV human	
90287	27		Botulinum-antitoxin	Botulinum-antitoxin	Botulinum antitoxin equine	
90288			Botulism	BabyBIG Botulism BIG	Botulism Immune Globulin	
90291	29		CMV-IgIV	CMV-IgIV	Cytomegalovirus Ig IV human	
90399	14		IG, unspecified formulation		IG, unspecified formulation	
90296	12		Diphtheria-antitoxin	Diphtheria-antitoxin	Diphtheria antitoxin, equine	
90371	30		HBIG	HBIG	Hepatitis B Ig human	
90375	34		Rig	Rig	Rabies Ig human	
90376	34		RIg-HT	RIg-HT	Rabies Ig heat treated human	
90384	157		Rho(D)Full	Rho(D)Full	Rho(D)Ig Rhlg human full-dose	
90385	157		Rho(D)Mini	Rho(D)Mini	Rho(D)Ig Rhlg human mini-dose	
90386			Rho(D)IV	Rho(D)IV	Rho(D)Ig Rhlg human IV	
	156		Rho(D) IM or IV		Rho(D), unspecified formulation	

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG
	159		Rho(D), unspecified formulation		Rho(D), unspecified formulation	
90389	13		TiG	BayTet	Tetanus Ig human	
				TiG		
				HyperTET	Tetanus immune globulin human	GRF
90393	79		Vaccinia immune globulin VIG	Vaccinia-Ig	VacciniaIg human	
90396	36		VZIG	VZIG	Varicella-zoster Ig human	
	117		VZIG (IND)	VariZIG		CNJ
			Varicella IG			
90378	93	IG-RSV	RSV-IgIM	Synagis	Respiratory syncytial virus Ig	
90379	71		RSV-IgIV	RSV-IgIV	Respiratory syncytial virus Ig IV	
				Respigam		
90630	166	Influenza	Influenza Intradermal Quadrivalent P-Free	Fluzone Intradermal Quad	influenza, intradermal, quadrivalent, preservative free	PMC
90653	168		Influenza Adjuvanted Trivalent, P-Free	Fluad Trivalent P-Free	Influenza, adjuvanted, inactivated, trivalent, injectable, preservative free	SEQ
90654	144		Influenza Intradermal	Fluzone Intradermal	Influenza, seasonal, intradermal, p-free	PMC
90656	140		Influenza Trivalent, Preservative-Free	Afluria Trivalent P-Free	Influenza, split virus, trivalent, injectable, preservative free	SEQ
				Agriflu, P-free		NOV
				Fluarix Trivalent P-Free		SKB
				Flulaval Tri, P-Free		IDB
				Fluvirin, P-free		SEQ
				Fluzone Trivalent P-Free		PMC
90657	141		Influenza Trivalent	Afluria Trivalent	Influenza, split virus, trivalent, injectable, contains preservative	SEQ
				Flu-Imune		WAL
				Flu-Shield		WAL
				FluLaval		SEQ
				Fluogen		PD
				Fluvirin		SEQ
				Fluzone Trivalent		PMC
90658				Afluria Trivalent		SEQ
				Flu-Imune		WAL
				Flu-Shield		WAL
				FluLaval		SEQ
				Fluogen		PD
				Fluvirin		SEQ
				Fluzone Trivalent		PMC
90659	16		Influenza-Whole Virus		Influenza whole virus	
90660	111		Flu-Nasal Live Trivalent	FluMist Trivalent	Influenza, live, trivalent, intranasal	MED
90661	153		Influenza MDCK Trivalent, P-Free	Flucelvax Tri, P-Free	Influenza, Madin Darby Canine Kidney, subunit, trivalent, injectable, preservative free	SEQ
	320		Influenza MDCK Trivalent	Flucelvax Trivalent	Influenza, Madin Darby Canine Kidney, subunit, trivalent, injectable, contains preservative	SEQ
90662	135		Influenza High Dose Trivalent, P-Free	Fluzone HD Tri, P-Free	Influenza, high-dose, split virus, trivalent, injectable, preservative free	PMC
	197		Influenza Quadrivalent High Dose, P-free	FLUZONE Quad HighDose PF	Influenza, high-dose seasonal, quadrivalent, 0.7mL dose, preservative free	
90672	149		Flu-Nasal Quadrivalent	FluMist Quadrivalent	Influenza quadrivalent live, for intranasal use	MED
90673	155		Influenza Recombinant Trivalent, P-Free	Flublok Trivalent P-Free	Influenza, recombinant, trivalent, injectable, preservative free	PMC
90674	171		Influenza MDCK Quadrivalent P-Free	Flucelvax Quadrivalent, P-Free	Influenza MDCK quadrivalent preservative free	SEQ
90682	185		Influenza Quad Recombinant P-Free	Flublok Quadrivalent	Influenza Quadrivalent recombinant P-Free	PMC
90694	205		Influenza Quadrivalent Adjuvanted	FLUAD Quadrivalent	Influenza, seasonal vaccine, quadrivalent, adjuvanted, 0.5mL dose, preservative free	SEQ
90685	161		Influenza Quadrivalent P-Free 6-35M	AFLURIA Quad PF 6-35M	Influenza, injectable, quadrivalent, preservative free	SEQ
				Fluzone Quad PF 6-35M	6 month to 3 year dosage	PMC

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG	
90686	150		Influenza Quadrivalent P-Free	AFLURIA Quad, P-Free	Influenza, injectable, quadrivalent, preservative free 3 years and up dosage	SEQ	
				Fluarix Quadrivalent, P-Free	Influenza, injectable, quadrivalent, preservative free 6 months and up dosage	SKB	
				FluLaval Quad, P-Free		IDB	
				Fluzone Quadrivalent, P-Free		PMC	
90687	158		Influenza Quadrivalent	AFLURIA Quadrivalent	Influenza virus vaccine, quadrivalent, split virus, when administered to individuals 6-35 months of age, for intramuscular use	SEQ	
				FluLaval Quadrivalent		IDB	
				Fluzone Quad		PMC	
90688				AFLURIA Quadrivalent	Influenza virus vaccine, quadrivalent, split virus, when administered to individuals 3+ years of age, for intramuscular use	SEQ	
				FluLaval Quadrivalent		IDB	
				Fluzone Quad		PMC	
90724	88		Influenza, unspecified formulation		Influenza, unspecified formulation		
	151		Influenza Nasal, unspecified formulation		Influenza Nasal, unspecified formulation		
90756	186		Influenza MDCK Quadrivalent	Flucelvax Quadrivalent	Influenza, MDCK, Quadrivalent	SEQ	
90664	125	Influenza A H1N1	Novel Influenza A H1N1-Nasal	H1N1 MED Nasal	H1N1 live, for intranasal use	MED	
90666	126		Novel Influenza A H1N1, P-free	H1N1 P-free CSL	H1N1 monovalent inactivated preservative free	CSL	
				H1N1 P-free NOV		NOV	
				H1N1 P-free SAN		PMC	
90668	127		Novel Influenza A H1N1	H1N1 CSL	H1N1 monovalent inactivated	CSL	
				H1N1 NOV		NOV	
				H1N1 SAN		PMC	
90663	128		Novel Influenza A H1N1 all formulations		H1N1 all formulations		
90665	66		Lyme	Lyme	LYMERix	Lyme disease	SKB
90705	05		Measles	Measles	Measles	Measles live 1964-1974 (Eli Lilly)	MSD
		Attenuvax			Measles live	MSD	
90708	04	Measles-Rubella	Measles-Rubella	M-R-VAX	Measles and rubella live	MSD	
				Measles-Rubella (MERU)		MSD	
90704	07	Mumps	Mumps	Mumps	Mumps 1950-1978	MSD	
				Mumpsavax	Mumps live	MSD	
90709			Rubella-Mumps, NOS				
	38		Rubella-Mumps	Biavax II	Rubella and mumps live	MSD	
				Mumps-Rubella (MURU)		MSD	
90707	03	MMR	MMR	MMR II	Measles, mumps and rubella live	MSD	
				Priorix		SKB	
90710	94		MMRV	ProQuad	Measles, mumps, rubella, varicella live	MSD	
90619	203	Meningo	Mening ACWY polysaccharide/TT conj	MenQuadfi	Meningococcal conjugate quadrivalent, MenACWY-TT (MCV4)	PMC	
90623	316		Mening polysacchar(MenACWY-TT),(MenB)PF	Penbraya	Meningococcal polysaccharide (groups A, C, W, Y) tetanus toxoid conjugate, meningococcal B recombinant vaccine, 0.5mL, preservative free	PFR	
90644	148		Meningococcal C/Y-HIB PRP	MenHibrix	Meningococcal-Hib combination	SKB	
90733	32		Meningococcal-MPSV4	MENOMUNE	Meningococcal polysaccharide	PMC	
90734	114		Meningococcal-MCV4P	Menactra	Meningococcal polysaccharide [groups A, C, Y and W-135] diphtheria toxoid conjugate vaccine	PMC	
	136		Meningococcal-MCV4O	Menveo	Meningococcal oligosaccharide [groups A, C, Y and W-135] diphtheria toxoid conjugate vaccine	NOV	
	147		Meningococcal-MCV4		MCV4, unspecified formulation [groups A, C, Y and W-135]		

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG
	108		Meningococcal, unspecified formulation		Meningococcal, unspecified formulation	
90620	163	Meningo B	Meningococcal B, OMV	Bexsero	Meningococcal B, recombinant, OMV, adjuvanted	SKB
90621	162		Meningococcal B, recombinant	Trumenba	Meningococcal B, fully recombinant	PFR
90623	316		Mening polysacchar(MenACWY-TT),(MenB)PF	Penbraya	Meningococcal polysaccharide (groups A, C, W, Y) tetanus toxoid conjugate, meningococcal B recombinant vaccine, 0.5mL, preservative free	PFR
	164		Meningococcal B, unspecified formulation		Meningococcal B, unspecified formulation	
90715	115	Pertussis	Tdap > 7 Years	Adacel Boostrix	Tdap > 7 years	PMC SKB
	11		Pertussis		Pertussis vaccine	
90712	02		Polio	Polio oral	ORIMUNE	Poliovirus OPV live oral
90713	10	Polio injectable		IPOL	Poliovirus inactivated IPV	PMC
90723	110	DTAP-HepB-Polio		Pediarix	DTAP-HepB-Polio combination	SKB
90696	130	DTaP-IPV		KINRIX	DTaP-IPV	SKB
				Quadracel		PMC
90697	146	DTaP-IPV-Hib-HepB		Vaxelis	DTaP-IPV-Hib-HepB Combination	MSP
90698	120	DtaP-Hib-IPV		Pentacel	DtaP-Hib-IPV combination	PMC
	89	Polio, unspecified formulation		Polio, unspecified formulation		
90727	23	Plague	Plague	Plague	Plague	GRE
90732	33	Pneumo-Poly	Pneumococcal 23	PNU-IMUNE 23	Pneumococcal polysaccharide 23 valent	WAL
				Pneumovax 23		MSD
90669	100	Pneumococcal	Pneumo-Conjugate 7	Prevnar	Pneumococcal conjugate polyvalent	WAL
90670	133		Pneumo-Conjugate 13	Prevnar 13	Pneumococcal 13-valent conjugate	PFR
90671	215		Pneumo-Conjugate 15	Vaxneuvance	Pneumococcal conjugate vaccine, 15-valent (PCV15), polysaccharide CRM197 conjugate, adjuvant, preservative free	MSD
90677	216		Pneumo-Conjugate 20	Prevnar 20	Pneumococcal conjugate vaccine, 20-valent (PCV20), polysaccharide CRM197 conjugate, adjuvant, preservative free	PFR
90684	327		Pneumo-Conjugate 21	Capvaxive	Pneumococcal conjugate vaccine, 21 valent (PCV21), polysaccharide CRM197 conjugate, preservative free	MSD
	109		Pneumococcal, unspecified formulation		Pneumococcal, unspecified formulation	
	152	Pneumococcal Conjugate, unspecified		Pneumococcal Conjugate, unspecified formulation		
90675	18	Rabies	Rabies-intramuscular		Rabies intramuscular	
	175		Rabies-intramuscular, Diploid cell culture	Imovax Rabies IM	Rabies intramuscular, diploid cell culture	PMC
	176		Rabies-IM Fibroblast culture	RabAvert	Rabies intramuscular, Fibroblast culture	BN
90676	40		Rabies-intradermal	Imovax Rabies ID	Rabies intradermal	PMC
90726	90		Rabies, unspecified formulation		Rabies, unspecified formulation	
90680	74	Rotavirus	Rotavirus, Tet	RotaShield	Rotavirus tetravalent live oral (removed on 10/16/1999)	WAL
	116		Rotavirus, Pent	RotaTeq	Rotavirus pentavalent (after 02/02/2006)	MSD
	122		Rotavirus, unspecified formulation		(between 10/16/1999 and 02/01/2006)	
90681	119	Rotavirus, monovalent	ROTARIX		SKB	
90678	305	RSV	RSV, bivalent, 0.5 mL, PF	Abrysvo	Respiratory syncytial virus (RSV), vaccine, bivalent, protein subunit RSV prefusion F, diluent reconstituted, 0.5 mL, preservative free	PFR

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG	
90679	303		RSV, recombinant, 0.5 mL, PF	Arexvy	Respiratory syncytial virus (RSV), vaccine, recombinant, protein subunit RSV prefusion F, adjuvant reconstituted, 0.5 mL, preservative free	SKB	
90380	306		RSV, mAb, nirsevimab, 50 mg/0.5mL	BEYFORTUS, 50 mg/0.5mL	Respiratory syncytial virus (RSV) monoclonal antibody, IgG1k, (nirsevimab-alip), 0.5 mL, neonates and children to 24 months	PMC	
90381	307		RSV, mAb, nirsevimab, 100 mg/1mL	BEYFORTUS, 100 mg/1mL	Respiratory syncytial virus (RSV) monoclonal antibody, IgG1k, (nirsevimab-alip), 1 mL, neonates and children to 24 months	PMC	
90683	326		RSV, mRNA, injectable, PF	mRESVIA	Respiratory syncytial virus (RSV), mRNA, injectable, preservative free	MOD	
	304		Respiratory syncytial virus, unspecified		Respiratory syncytial virus (RSV), unspecified		
	314		RSV vaccine, unspecified		Respiratory syncytial virus (RSV) vaccine, unspecified		
	315		RSV mAb, unspecified		Respiratory syncytial virus (RSV) monoclonal antibody (MAB), unspecified		
90706	06	Rubella	Rubella	Rubella Meruvax II	Rubella live	MSD MSD	
90708	04		Measles-Rubella	Measles-Rubella (MERU) M-R-VAX	Measles and rubella live	MSD MSD	
90709			Rubella-Mumps NOS		Rubella-Mumps, NOS		
	38		Rubella-Mumps	Mumps-Rubella (MURU) Biavax II	Rubella and mumps live	MSD MSD	
90622	75	Smallpox	Smallpox	ACAM2000	Smallpox	MIP	
			Smallpox	Dryvax	Vaccinia (Smallpox) dry	WAL	
90611	206		Smallpox mpox vaccine	JYNNEOS	Vaccinia, smallpox mpox vaccine live, PF, SQ or ID injection	BN	
	105		Vaccinia (Smallpox), diluted	Vaccinia (smallpox), diluted	Vaccinia (smallpox), diluted		
90718	09	Td	Td	Td	Tetanus and Diphtheria Adsorbed	MBL	
90714	113		Td Preservative-Free	DECAVAC TENIVAC Td P-free	Td preservative free – CPT code is effective for immunizations given on or after 7/1/2005	PMC	
90715	115		Tdap > 7 Years	Adacel Boostrix	Tdap > 7 years	PMC SKB	
	138			Td (adult) not adsorbed		Td (adult) not adsorbed	
	139			Td (adult) unspecified formulation		Td (adult) unspecified formulation	
90703	35		Tetanus	Tetanus	TT	Tetanus	PMC
	142	Tetanus toxoid, not adsorbed			Tetanus toxoid, not adsorbed		
	112	Tetanus toxoid, unspecified formulation					
90627	224	TickBorne Enceph	Tick-borne encephalitis, PF, 0.5mL	TicoVac 0.5 mL	Tick-borne encephalitis vaccine, inactivated, preservative free, 0.5mL dose	PFR	
90626	223		Tick-borne encephalitis, PF, 0.25mL	TicoVac 0.25 mL	Tick-borne encephalitis vaccine, inactivated, preservative free, 0.25mL dose	PFR	
	222		Tick-borne encephalitis, unspecified		Tick-borne encephalitis vaccine, unspecified		
90690	25	Typhoid	Typhoid-Oral	Vivotif Berna/Ty21a	Typhoid oral	BN	
90691	101		Typhoid-ViCPs	Typhim Vi	Typhoid Vi capsular polysaccharide	PMC	
90692	41		Typhoid-HP	Typhoid	Typhoid heat and phenol inactivated		
90693	53		Typhoid-AKD	Typhoid-AKD	Typhoid acetone-killed, dried (military)		
90714	91		Typhoid, unspecified formulation		Typhoid, unspecified formulation (after 7/1/2005, no CPT code is associated with this vaccine group)		
90710	94	Varicella	MMRV	ProQuad		MSD	
90716	21		Varicella	Varivax	Varicella live	MSD	

CPT	CVX	Group	Vaccine	Trade Name	Description	MFG
90717	37	Yellow Fever	Yellow Fever US	YF-VAX	Yellow fever vaccine live	PMC
	183		Yellow fever - alt	Stamaril	Yellow fever vaccine live – alternative formulation for vaccine shortage	PMC
			Yellow fever		Yellow fever US or yellow fever alternate	
	184		Yellow fever, unspecified formulation		Yellow fever, unspecified formulation	
90736	121	Zoster	Zoster (shingles), live	Zostavax	Zoster (shingles), live	MSD
90750	187		Zoster (shingles), recombinant	Shingrix	Zoster (shingles), recombinant	SKB
	188		Zoster, unspecified formulation		Zoster, unspecified formulation	

Document Updates

Version No.	Version Date	Revised By	Description
1.0	1-Sep-2016	Amanda Ray	Updated Vaccine and Manufacturer Tables
1.1	12-Dec-2016	Amanda Ray	Updated Vaccine and Manufacturer Tables
1.2	24-Mar-2017	Amanda Ray	Added Afluria Quad, Afluria Quad P-Free, and Quadracel vaccines
1.3	11-Aug-2017	Jayme Judd	Added Flublok Quadrivalent and Flucelvax Quadrivalent. Updated RabAvert and Imovax Rabies IM.
1.4	13-Sept-2017	Jayme Judd	Added Yellow Fever vaccines
1.5	20-Sept-2017	Jayme Judd	Updated Vaccine and Manufacturer Tables
1.6	10-Nov-2017	Jayme Judd	Updated Vaccine and Manufacturer Tables
1.7	08-Dec-2017	Rebekah Van Dusen	Added Zoster vaccines (Shingrix and unspec form). Added missing manufacturers.
1.8	18-Dec-2017	Mark Ehlke	Removed references in support of NO FIRST NAME for the first_name field.
1.9	20-Feb-2018	Amanda Ray	Updated Flulaval, P-free typo
2.0	27-Feb-2018	Mark Ehlke	Added Vaxchora information
2.1	23-Mar-2018	Mark Ehlke	Updated table for HepB related CVX codes and CPT. Updated manufacturer table.
2.2	05-May-2018	Mark Ehlke	Updated MFG for Bexsero to SKB
3.0	23-Oct-2018	Kevin Samuelson	Updated format of the various file specifications to provider more granular detail and adopt HL7 documentation standards.
3.1	21-Mar-2019	Zac Derenne	Update Vaccine Names (0292); Update Descriptions (WVTN); Mark MFGs as inactive (0227) Added "Optional" under Usage on Page 2.
3.2	12-Nov-2019	Zac Derenne	Update AFLURIA and FluLaval
3.3	31-Jul-2020	Zac Derenne	Add FLUAD Quadrivalent and FLUZONE Quad HighDose PF
3.4	03-Dec-2020	Zac Derenne	Add Comment code for Refusal of COVID-19 and both Moderna and Pfizer COVID vaccines.
3.5	22-Feb-2021	Zac Derenne	Add Janssen COVID-19 Vaccine and MFG Janssen.
3.6	08-Apr-2021	Zac Derenne	Add MenQuadfi
3.7	06-May-2021	Zac Derenne	Add Vaxelis
3.8	25-Jun-2021	Zac Derenne	Add JYNNEOS
3.9	13-Oct-2021	Zac Derenne	Add Pneumo-Conjugate 15 and 20
4.0	20-Oct-2021	Zac Derenne	Add Pfizer COVID-19 (5-11Y)
4.1	14-Dec-2021	Zac Derenne	Add Pfizer COVID-19 tris 12+
4.2	08-Feb-2022	Zac Derenne	Add Pfizer COVID-19 (6M-4Y)

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4.3	06-Jun-2022	Zac Derenne	Add Moderna COVID-19 (6M-5Y) and update description of Moderna COVID-19 Vaccine
4.4	14-Jun-2022	Zac Derenne	Add Prehevbrio Hep B Adult and VBI Vaccines MFG
4.5	27-Jun-2022	Zac Derenne	Add Comirnaty
4.6	07-Jul-2022	Zac Derenne	Add Moderna6-11Y/ 18+ Booster
4.7	19-Jul-2022	Zac Derenne	Add Novavax COVID-19 Vaccine
4.8	17-Aug-2022	Zac Derenne	Add Spikevax
4.9	12-Sep-2022	Zac Derenne	Add Pfizer BvIntBstr 5-11, Pfizer BvIntBstr 12+, Moderna BvIntBstr
5.0	29-Sep-2022	Zac Derenne	Add Smallpox CPT; update Jynneos description; Update ACAM2000 MFG to MIP; Add MSP manufacturer; Change Vaxelis MFG to MSP
5.1	19-Oct-2022	Zac Derenne	Change PaxVax to Emergent Travel Health, mark Organon Teknika as inactive, change BCG-TB's MFG to MSD
5.2	29-Nov-2022	Zac Derenne	Add Priorix, Moderna BvIntBstr 6M-5Y (91316 CPT), and Pfizer BvIntBstr 6M-4Y
5.3	10-Feb-2023	Zac Derenne	Add Left Posterior Chest, Right Posterior Chest, and Bilateral Nares on the Body Site table. Corrected the spelling of "Gluteus" on the Body Site table. Update Descriptions for FLUZONE Quad HighDose PF, MenQuadfi, and FLUAD Quadrivalent. Add COVID-19 unspecified.
5.4	12-Jul-2023	Shriya Shrestha	Add TicoVac 0.5 mL and TicoVac 0.25 mL for dose 0.5mL,0.25mL and unspecified. Update Smallpox monkeypox to "Smallpox mpox vaccine" and it's description. Update Meningo (Trade name: MenQuadfi) Description.
5.5	28-Aug-2023	Zac Derenne	Add Arexvy, Abrysvo, and RSV unspecified to Vaccine Codes List.
5.6	19-Sep-2023	Zac Derenne	Add Comirnaty (2023-24) 12+, Pfizer (2023-24) 5Y-11Y, Pfizer (2023-24) 6M-4Y, Moderna (2023-24) 6M-11Y, Spikevax (2023-24) 12+ to Vaccine Codes table
5.7	29-Sep-2023	Shriya Shrestha	Add Beyfortus 50mg and 100mg
5.8	09-Oct-2023	Shriya Shrestha	Add Novavax (2023-2024 Formula) 12+, RSV vaccine, unspecified and RSV mAb, unspecified to vaccine code list.
5.9	04-Apr-2024	Zac Derenne	Add Penbraya to the Meningo and Meningo B Groups in Vaccine Codes table. Add Ebola to Vaccine Codes table.
6.0	26-Jun-2024	Zac Derenne	Add Flucelvax Trivalent to Vaccine Codes table
6.1	15-Jul-2024	Zac Derenne	Remove CPT Code 90655. Change Vaccine, Trade Name, Description, and MFG (where applicable) for Influenza Adjuvanted Trivalent,

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			P-Free; Influenza Trivalent, Preservative-Free; Influenza Trivalent; Flu-Nasal Live Trivalent; Influenza MDCK Trivalent, P-Free; Influenza High Dose Trivalent, P-Free; Influenza Recombinant Trivalent, P-Free. Add mRESVIA to Vaccine Codes table.
6.2	05-Sep-2024	Zac Derenne	Change name on Vaccine Codes table for Comirnaty (2023-24) 12+, Moderna (2023-24) 6M-11Y, Novavax (2023-24) 12+, Pfizer (2023-24) 5Y-11Y, Pfizer (2023-24) 6M-4Y, Spikevax (2023-24) 12+, to COMIRNATY 12+, MODERNA 6M-11Y, NOVAVAX 12+, PFIZER 5Y-11Y, PFIZER 6M-4Y, SPIKEVAX 12+ respectively along with descriptions.
6.3	16-Sep-2024	Zac Derenne	Add Capvaxive to Vaccine Codes table.
6.4	23-Oct-2024	Shriya Shrestha	Add Cyfendus and Chikungunya to Vaccine Codes table.
6.5	09-Dec-2024	Zac Derenne	Update DAPTACEL CPT and description, update description of DTaP, Yellow Fever US, Yellow fever-alt in Vaccine Codes Table. Change Vaxchora MFG to BN in Vaccine Codes Table. Update Vaccine for RabAvert and Vivotif Berna/Ty21a and MFG for both in Vaccine Codes Table. Update Race Table to break out Native Hawaiian/Pacific Islander Race from Asian.