

IIS: HL7 Standard Code Set

Mapping CVX to Vaccine Groups

Vaccine Groups (sometimes known as vaccine families) are groups of vaccines that may be used to meet the goals outlined by the ACIP schedule. In many cases these represent one vaccine preventable disease. In a few cases they represent more than one vaccine preventable disease, but are grouped together because clinicians have thought of them as a unit.

CVX codes are codes that indicate the product used in a vaccination. MVX codes are codes that indicate the manufacturer of a vaccine. These codes are maintained by the Centers for Disease Control and Prevention, Immunization Information System Support Branch (IISSB) for use in HL7 data transmission.

The goal of the table is to support mapping of [CVX and MVX to vaccine groups](#).

Questions regarding this table should be directed to the [IIS Technical Assistance Team](#); CDC, National Centers for Immunization and Respiratory Diseases, Immunization Information Systems Support Branch-Informatics, 1600 Clifton Road, Mailstop E-62, Atlanta, GA 30333.

<u>Short Description</u>	<u>CVX Code</u>	<u>Vaccine status</u>	<u>Vaccine Group Name</u>	<u>Uncertain Formulation CVX</u>
zoster	121	Active	ZOSTER	
yellow fever	37	Active	YELLOWFEVER	
VZIG (IND)	117	Inactive		
VZIG	36	Active		
VEE, unspecified formulation	92	Inactive	VEE	92
VEE, live	80	Inactive	VEE	92
VEE, inactivated	81	Inactive	VEE	92
varicella	21	Active	VARICELLA	
vaccinia immune globulin	79	Active		
vaccinia (smallpox) diluted	105	Inactive	VACCINIA	
vaccinia (smallpox)	75	Active	VACCINIA	

<u>Short Description</u>	<u>CVX Code</u>	<u>Vaccine status</u>	<u>Vaccine Group Name</u>	<u>Uncertain Formulation CVX</u>
typhus, historical	131	Inactive		
typhoid, ViCPs	101	Active	TYPHOID	91
typhoid, unspecified formulation	91	Inactive	TYPHOID	91
typhoid, parenteral, AKD (U.S. military)	53	Active	TYPHOID	91
typhoid, parenteral	41	Active	TYPHOID	91
typhoid, oral	25	Active	TYPHOID	91
tularemia vaccine	78	Inactive		
TST-PPD tine test	97	Inactive		
TST-PPD intradermal	96	Inactive		
TST-OT tine test	95	Inactive		
TST, unspecified formulation	98	Inactive		
TIG	13	Active		
tick-borne encephalitis	77	Inactive		
tetanus toxoid, unspecified formulation	112	Inactive		
tetanus toxoid, not adsorbed	142	Active		
tetanus toxoid, adsorbed	35	Active		
Tdap	115	Active	Td	139
Td(adult) unspecified formulation	139	Inactive	Td	139
Td (adult), adsorbed	09	Active	Td	139

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Td (adult) preservative free	113	Active	Td	139
Td (adult)	138	Active	Td	139
Staphylococcus bacterio lysate	76	Inactive		
rubella/mumps	38	Inactive	MUMPS	
rubella/mumps	38	Inactive	RUBELLA	
rubella	06	Active	RUBELLA	
RSV-MAb (new)	145	Pending		
RSV-MAb	93	Active		
RSV-IGIV	71	Active	IG	14
rotavirus, unspecified formulation	122	Inactive	ROTAVIRUS	122
rotavirus, tetravalent	74	Inactive	ROTAVIRUS	122
rotavirus, pentavalent	116	Active	ROTAVIRUS	122
rotavirus, monovalent	119	Active	ROTAVIRUS	122
RIG	34	Active	IG	14
Rift Valley fever	73	Never Active		
rheumatic fever	72	Never Active		
rabies, unspecified formulation	90	Inactive	RABIES	90
rabies, intramuscular injection	18	Active	RABIES	90

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rabies, intradermal injection	40	Active	RABIES	90
Q fever	70	Never Active		
polio, unspecified formulation	89	Inactive	POLIO	89
pneumococcal, unspecified formulation	109	Inactive		
pneumococcal polysaccharide PPV23	33	Active	PneumoPPV	109
pneumococcal conjugate PCV 7	100	Active	PneumoPCV	109
Pneumococcal conjugate PCV 13	133	Active	PneumoPCV	109
plague	23	Active		
pertussis	11	Inactive		
parainfluenza-3	69	Inactive		
OPV	02	Inactive	POLIO	89
Novel influenza-H1N1-09, preservative-free	126	Inactive	H1N1 flu	128
Novel Influenza-H1N1-09, nasal	125	Inactive	H1N1 flu	128
Novel Influenza-H1N1-09, all formulations	128	Inactive	H1N1 flu	128
Novel influenza-H1N1-09	127	Inactive	H1N1 flu	128
mumps	07	Active	MUMPS	

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MMRV	94	Active	MMR	
MMRV	94	Active	VARICELLA	
MMR	03	Active	MMR	
meningococcal, unspecified formulation	108	Inactive	MENING	108
meningococcal MPSV4	32	Active	MENING	108
meningococcal MCV4P	114	Active	MENING	108
Meningococcal MCV4O	136	Active	MENING	108
meningococcal MCV4, unspecified formulation	147	Inactive	MENING	108
Meningococcal C/Y-HIB PRP	148	Active	HIB	17
Meningococcal C/Y-HIB PRP	148	Active	MENING	108
meningococcal C conjugate	103	Inactive	MENING	108
melanoma	68	Never Active		
measles	05	Inactive	MEASLES	
malaria	67	Never Active		
M/R	04	Inactive	RUBELLA	
M/R	04	Inactive	MEASLES	
Lyme disease	66	Inactive	Lyme disease	
leprosy	65	Never		

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		Active		
leishmaniasis	64	Never Active		
Junin virus	63	Never Active		
Japanese Encephalitis, unspecified formulation	129	Inactive	Japanese encephalitis	
Japanese encephalitis SC	39	Active	Japanese encephalitis	
Japanese Encephalitis IM	134	Active	Japanese encephalitis	
IPV	10	Active	POLIO	89
influenza, whole	16	Inactive	FLU	88
influenza, unspecified formulation	88	Inactive	FLU	88
influenza, split (incl. purified surface antigen)	15	Inactive	FLU	88
influenza, seasonal, intradermal, preservative free	144	Active	FLU	88
Influenza, seasonal, injectable, preservative free	140	Active	FLU	88
Influenza, seasonal, injectable	141	Active	FLU	88
influenza, live, intranasal, quadrivalent	149	Active	FLU	88
influenza, live, intranasal	111	Active	FLU	88

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Influenza, high dose seasonal	135	Active	FLU	88
influenza, H5N1-1203	123	Inactive	H5N1 flu	
IGIV	87	Active	IG	14
IG, unspecified formulation	14	Inactive	IG	14
IG	86	Active	IG	14
HPV, unspecified formulation	137	Inactive	HPV	
HPV, quadrivalent	62	Active	HPV	
HPV, bivalent	118	Active	HPV	
HIV	61	Never Active		
Hib-Hep B	51	Active	HepB	45
Hib-Hep B	51	Active	HIB	17
Hib, unspecified formulation	17	Inactive	HIB	17
Hib (PRP-T)	48	Active	HIB	17
Hib (PRP-OMP)	49	Active	HIB	17
Hib (PRP-D)	46	Inactive	HIB	17
Hib (HbOC)	47	Inactive	HIB	17
herpes simplex 2	60	Never Active		
Hep E	59	Never Active	Hep E	

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Hep C	58	Never Active	HepC	
Hep B, unspecified formulation	45	Inactive	HepB	45
Hep B, dialysis	44	Active	HepB	45
Hep B, adult	43	Active	HepB	45
Hep B, adolescent/high risk infant	42	Inactive	HepB	45
Hep B, adolescent or pediatric	08	Active	HepB	45
Hep A-Hep B	104	Active	HepA	85
Hep A-Hep B	104	Active	HepB	45
Hep A, unspecified formulation	85	Inactive	HepA	85
Hep A, pediatric, unspecified formulation	31	Inactive	HepA	85
Hep A, ped/adol, 3 dose	84	Inactive	HepA	85
Hep A, ped/adol, 2 dose	83	Active	HepA	85
Hep A, adult	52	Active	HepA	85
HBIG	30	Active	HBIG	
hantavirus	57	Never Active		
DTP-Hib-Hep B	102	Inactive	HepB	45
DTP-Hib-Hep B	102	Inactive	HIB	17
DTP-Hib-Hep B	102	Inactive	DTAP	107

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DTP-Hib	22	Inactive	HIB	17
DTP-Hib	22	Inactive	DTAP	107
DTP	01	Inactive	DTAP	107
DTaP-IPV-HIB-HEP B, historical	132	Inactive	POLIO	89
DTaP-IPV-HIB-HEP B, historical	132	Inactive	HIB	17
DTaP-IPV-HIB-HEP B, historical	132	Inactive	HepB	45
DTaP-IPV-HIB-HEP B, historical	132	Inactive	DTAP	107
DTaP-IPV	130	Active	DTAP	107
DTaP-IPV	130	Active	POLIO	89
DTaP-Hib-IPV	120	Active	DTAP	107
DTaP-Hib-IPV	120	Active	HIB	17
DTaP-Hib-IPV	120	Active	POLIO	89
DTaP-Hib	50	Active	HIB	17
DTaP-Hib	50	Active	DTAP	107
DTaP-Hep B-IPV	110	Active	POLIO	89
DTaP-Hep B-IPV	110	Active	HepB	45
DTaP-Hep B-IPV	110	Active	DTAP	107
DTaP,IPV,Hib,HepB	146	Pending	HIB	17
DTaP,IPV,Hib,HepB	146	Pending	HepB	45
DTaP,IPV,Hib,HepB	146	Pending	DTAP	107

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DTaP,IPV,Hib,HepB	146	Pending	POLIO	89
DTaP, unspecified formulation	107	Inactive	DTAP	107
DTaP, 5 pertussis antigens	106	Active	DTAP	107
DTaP	20	Active	DTAP	107
DT (pediatric)	28	Active	DTAP	107
diphtheria antitoxin	12	Active		
dengue fever	56	Never Active		
CMVIG	29	Active	IG	14
cholera	26	Inactive	cholera	26
botulinum antitoxin	27	Active		
BCG	19	Active	BCG	
anthrax	24	Active	ANTHRAX	
adenovirus, unspecified formulation	82	Inactive	ADENO	82
adenovirus, type 7	55	Inactive	ADENO	82
adenovirus, type 4	54	Inactive	ADENO	82
Adenovirus types 4 and 7	143	Active	ADENO	82

For further information on HL7 immunization data exchange and the CVX code set, contact the [IIS Technical Assistance Team](#) at:

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iisinfo@cdc.gov (note change)

Other relevant web sites:

- [IIS: HL7 Standard Code Set MVX - Manufacturers of Vaccines](#)
- [IIS: HL7 Standard Code Set CVX - Vaccines Administered](#)