

# North Dakota Immunization Information System (NDIIS)

## Supported Vaccine Codes

All successful HL7 2.5.1 release 1.4 messages must contain a valid CVX code. All successful HL7 2.5.1 release 1.5 messages must contain a valid NDC code for administered vaccines and CVX code for historical vaccines. Below is a table that displays the CVX codes currently supported in the NDIIS. Any unsupported CVX codes sent to the NDIIS will be ignored by the NDIIS messaging system and will not be added to the patient's NDIIS record. For a complete list of NDC codes associated with each supported CVX code, please refer to the [NDC Crosswalk Tables](#) on the IIS Code Sets web page maintained by the Centers for Disease Control and Prevention (CDC).

<b><u>Vaccine Name</u></b>	<b><u>CVX Code</u></b>	<b><u>CPT Code</u></b>	<b><u>Notes</u></b>
Adenovirus (type 4)	54	90476	
Adenovirus (type 7)	55	90477	
Adenovirus (types 4,7)	143		
Adenovirus (unspecified)	82		Used only when exact formulation is not known
Anthrax	24	90581	
BCG	19	90585   90728	
botulinum antitoxin	27	90287	
Chikungunya (live)	317	90589	
Cholera (live)	174	90625	
Cholera (unspecified)	26	90725	Used only when exact formulation is not known
CMVIG	29	90291	
COVID Moderna 2023-24 <12	311	91321	

COVID Moderna 2023-24 12+	312	91322	
COVID Novavax 2023-24 12+	313	91304	
COVID Pfizer 2023-24 <5	308	91318	
COVID Pfizer 2023-24 12+	309	91320	
COVID Pfizer 2023-24 5-11	310	91319	
COVID-19 AstraZeneca	210	91302	
COVID-19 Janssen	212	91303	
COVID-19 Moderna (10 or 14 dose vial)	207	91301   91306	
COVID-19 Moderna (5 dose vial)	221	91309	
COVID-19 Moderna, under 6 years	228	91311	
COVID-19 Moderna, 6-11 years	227		
COVID-19 Moderna, bivalent 6 and older	229	91313	
COVID-19 Moderna, bivalent under 6 years	230	91316	
COVID-19 Novavax	211	91304	
COVID-19 Pfizer, bivalent 12 and older	300	91312	
COVID-19 Pfizer, bivalent 5-11 years	301	91315	
COVID-19 Pfizer, bivalent under 5 years	302	91317	
COVID-19 Pfizer-PS, 12 years and older	208	91300	
COVID-19 Pfizer-TRIS, under 5 years	219	91308	
COVID-19 Pfizer-TRIS, 5-11 years	218	91307	
COVID-19 Pfizer-TRIS, 12 years and older	217	91305	

COVID19 (CONVIDECIA)	506		Used only for documenting vaccinations given outside the US
COVID19 (COVAXIN)	502		Used only for documenting vaccinations given outside the US
COVID19 (MOD biv non-US)	519		Used only for documenting vaccinations given outside the US
COVID19 (PFR biv non-US)	520		Used only for documenting vaccinations given outside the US
COVID-19 MDO-Covifenz (non-US)	512		Used only for documenting vaccinations given outside the US
COVID-19 Sinopharm (non-US)	510		Used only for documenting vaccinations given outside the US
COVID-19 Sinovac (non-US)	511		Used only for documenting vaccinations given outside the US
COVID-19 (unspecified)	213		Used only when exact formulation is not known
Dengue Fever	56		
diphtheria antitoxin	12	90296	
DT (pediatric)	28	90702	
DTaP	20	90700	
DTaP, 5 pertussis antigens	106	90700	
DTaP (unspecified)	107	90700	Used only when exact formulation is not known
DTaP-Hep B-IPV	110	90723	
DTaP-Hib	50	90721	
DTaP-Hib-IPV	120	90698	
DTaP-IPV	130	90696	
DTaP/IPV/Hib/HBV	146	90697	

DTP	01	90701	Used only for documenting historical vaccinations
DTP/Hib	22	90720	Used only for documenting historical vaccinations
Ebola (live virus)	204	90758	
Ebola (unspecified)	214		Used only when exact formulation is not known
H1N1 (inactivated P/F)	126	90666	Used only for documenting historical vaccinations
H1N1 (inactivated W/P)	127	90668	Used only for documenting historical vaccinations
H1N1 (live virus)	125	90664	Used only for documenting historical vaccinations
H1N1 (unspecified)	128	90470	Used only when exact formulation is not known
HBIG	30	90371	
Hep A, adult	52	90632	
Hep A, ped/adol (2 dose)	83	90633	
Hep A (3 dose)	84	90634	Used only for documenting historical vaccinations
HAV (unspecified)	85	90730	Used only when exact formulation is not known
Hep A-Hep B	104	90636	
Hep B, adolescent or pediatric	08	90744	
Hep B Adult	43	90743	
Hep B (dialysis)	44	90740	
Hep B (unspecified)	45	90731	Used only when exact formulation is not known
Hep B (adjuvanted)	189	90739	Code for Heplisav®
Hep B (recombinant)	220	90759	Code for PREHEVBRIO®

HBVP/Hib	51	90748	
Hib (PRP-OMP)	49	90647	Code for PedvaxHIB®
Hib (PRP-T)	48	90648	Code for ACTHib® and HIBERIX®
Hib (HbOC)	47	90645	
Hib (PRP-D)	46	90646	
Hib (unspecified)	17	90737	Used only when exact formulation is not known
HPV, bivalent	118	90650	
HPV, quadrivalent	62	90649	Used only for documenting historical vaccinations
HPV, 9-valent	165	90651	
HPV (unspecified)	137		Used only when exact formulation is not known
IG	86	90281	
Influenza, trivalent, high dose seasonal	135	90662	
Influenza, quadrivalent, high dose seasonal	197	90662	
Influenza, live, intranasal, trivalent (LAIV3)	111	90660	Used only for documenting historical vaccinations
Influenza, live, intranasal, quadrivalent (LAIV4)	149	90672	
Influenza, live, intranasal, unspecified	151		Used only when exact formulation is not known
Influenza, seasonal, injectable, trivalent (IIV3 W/P)	141	90657 90658	
Influenza, seasonal, injectable, trivalent, preservative free (IIV3 P/F)	140	90655 90656	
Influenza, seasonal, intradermal, trivalent, preservative free (IIV3 id-P/F)	144	90654	

Influenza, seasonal, intradermal, quadrivalent, preservative free (IIV4 id-P/F)	166	90630	
Influenza, seasonal, injectable, quadrivalent, preservative free, adjuvanted	205	90694	
Influenza, seasonal, injectable, quadrivalent, preservative free (IIV4 P/F)	150	90686	
Influenza, seasonal, injectable, quadrivalent (IIV4 W/P)	158	90687 90688	
Influenza, seasonal, injectable, MDCK, trivalent preservative free (ccIIV3)	153	90661	Used only for documenting historical vaccinations
Influenza, seasonal, injectable, MDCK, quadrivalent (ccIIV4 W/P)	186	90756	
Influenza, seasonal, injectable, MDCK, quadrivalent, preservative free (ccIIV4 P/F)	171	90674	
Influenza, recombinant, injectable, trivalent, preservative free (RIV3)	155	90673	
Influenza, recombinant, injectable, quadrivalent, preservative free (RIV4)	185	90682	
Influenza, seasonal, injectable, quadrivalent, preservative free, pediatric (IIV4 P/F)	161	90685	
Influenza, seasonal, injectable, trivalent, preservative free, adjuvanted (IIV3 P/F)	168	90653	
Influenza, southern hemisphere, injectable, quadrivalent, preservative free	201		Used only for documenting vaccinations given outside the US
Influenza, southern hemisphere, injectable, quadrivalent, preservative free, pediatric	200		Used only for documenting vaccinations given outside the US

Influenza, southern hemisphere, injectable, quadrivalent, with preservative	202		Used only for documenting vaccinations given outside the US
Influenza, southern hemisphere, injectable, quadrivalent, high dose	231		Used only for documenting vaccinations given outside the US
Influenza, whole cell	16	90659	Used only for documenting historical vaccinations
Influenza (unspecified)	88	90724	Used only when exact formulation is not known
Influenza, pandemic	128	90470 90663	
IPV	10	90713	
Japanese Encephalitis IM	134	90738	
Japanese Encephalitis SC	39	90735	
Japanese Encephalitis (unspecified)	129		Used only when exact formulation is not known
LYME DISEASE	66	90665	
Measles	05	90705	Used only for documenting historical vaccinations
Meningococcal ABCWY	316	90623	Penbraya®
Meningococcal MCV4O	136	90734	MCV4 Menveo®
Meningococcal MCV4P	114	90734	MCV4 Menactra®
Meningococcal MCV4	203	90619	MCV4 MenQuadfi®
Meningococcal MCV4 (unspecified)	147	90734	Used only when exact formulation is not known
Meningococcal B	162	90621	Trumenba®
Meningococcal B (OMV)	163	90620	Bexsero®
Meningococcal B (unspecified)	164		Used only when exact formulation is not known
MEN C/Y-HIB	148	90644	

Meningococcal C Conjugate	103		Used only for documenting vaccinations given outside the US
Meningococcal MPSV4	32	90733	Used only for documenting historical vaccinations
MMR	03	90707	
MMRV	94	90710	
MR	04	90708	Used only for documenting historical vaccinations
Mumps	07	90704	
OPV3 (US)	02	90712	Used for document trivalent oral polio vaccine given in the US and outside of the US
OPV2 (non-US)	178		Used only for documenting vaccinations given outside the US
OPV1 (non-US)	179		Used only for documenting vaccinations given outside the US
OPV (unspecified)	182		Used only when exact formulation is not known
Plague	23	90727	
Pneumococcal conjugate PCV7	100	60669	Used only for documenting historical vaccinations
Pneumococcal conjugate PCV13	133	90670	
Pneumococcal conjugate PCV15	215	90671	
Pneumococcal conjugate PCV20	216	90677	
Pneumococcal conjugate (unspecified)	152		Used only when exact formulation is not known
Pneumococcal polysaccharide PPSV23	33	90732	
Pneumococcal (unspecified)	109		Used only when exact formulation is not known
Polio (unspecified)	89		Used only when exact formulation is not known



Rabies, intradermal injection	40	90676	
Rabies, intramuscular injection	18	90675	Used only when exact formulation is not known
Rabies, IG	34	90375   90376	
Rabies – IM Diploid cell culture	175	90471	Imovax®
Rabies, intramuscular injection	176	90675	Rabavert®
Rabies (unspecified)	090	90675   90726	Used only when exact formulation is not known
Rotavirus, monovalent (2 dose)	119	90681	
Rotavirus, pentavalent (3 dose)	116	90680	
Rotavirus (Rotashield)	74		Used only for documenting historical vaccinations
Rotavirus (unspecified)	122		Used only when exact formulation is not known
RSV Vaccine Abrysvo	305	90678	
RSV Vaccine Arexvy	303	90679	
RSV Vaccine (unspecified)	314		Used only when exact vaccine formulation is not known
RSV monoclonal antibody 0.5 mL (nirsevimab)	306	90380	Beyfortus 0.5 mL ®
RSV monoclonal antibody 1.0 mL (nirsevimab)	307	90381	Beyfortus 1.0 ml ®
RSV monoclonal antibody unspecified	315		Used only when exact mAB formulation is not known
RSV (unspecified)	304		Used when it is not known if vaccine or mAB was administered
Rubella	06	90706	Used only for documenting historical vaccinations
Rubella/Mumps	38		Used only for documenting historical vaccinations

Tick-borne Encephalitis (adult)	224		
Tick-borne Encephalitis (non-US)	77		Used only for documenting vaccinations given outside the US
Tick-borne Encephalitis (pediatric)	223		
Tick-borne Encephalitis (unspecified)	222		Used only when exact formulation is not known
Td (adult)	138		
Td-5 (adult), adsorbed, preservative free	113	90714	
Td-2 (adult), adsorbed, preservative free	09	90718	
Td preservative free (unspecified)	196		Used only when exact formulation is not known
Td (unspecified)	139		Used only when exact formulation is not known
Tdap	115	90715	
tetanus toxoid, adsorbed	35	90703	
tetanus toxoid, not adsorbed	142		
tetanus toxoid (unspecified)	112		Used only when exact formulation is not known
Tetanus, IG	13	90389	
Typhoid, oral	25	90690	
Typhoid, parenteral	41	90692	
Typhoid, parenteral, AKD (U.S. military)	53	90693	
Typhoid (unspecified)	91		Used only when exact formulation is not known
Typhoid, ViCPs	101	90691	
Vaccinia (smallpox)	75		
Vaccinia (smallpox/monkeypox)	206		Code for JYNNEOS®

Varicella (chickenpox)	21	90716	
VZIG	36	90396	
Yellow Fever (US)	37	90717	
Yellow Fever (alternative)	183		
Yellow Fever (unspecified)	184	90717	Used only when exact formulation is not known
Zoster, live	121	90736	Zostavax®
Zoster, subunit, adjuvanted	187	90750	Shingrix®
Zoster (unspecified)	188		Used only when exact formulation is not known