



## Immunizations Combo 3 (2014)

Benchmark to qualify for bonus payments: At least 72.88% (50<sup>th</sup> percentile) or 78.3% (75<sup>th</sup> percentile) of enrolled two year old children are appropriately immunized with combo 3: (4) DTaP; (3) IPV; (1) MMR; (3) Hib; (2) HepB; (1) chicken pox vaccine (VZV); (4) pneumococcal conjugate [(4- 3 -1 -3 -2- 1- 4)]. (Please note: Although Combo 3 includes three HepB, for this measure HFS is requiring only two as the first HepB is assumed given to newborns in the hospital before discharge and HFS cannot yet isolate that data.)

Measurement Period: Birth through the child's second birthday.

Qualifying Patient: Any child on the PCP's Illinois Health Connect panel roster on December 1, 2014 that turns 24 months in calendar year 2014.

Qualifying Service: Immunization Codes Table (Data will be obtained from HFS claims and public health related immunization reporting systems, i.e., Cornerstone, TOTS, ICARE etc.)

Codes	Code Number	Code Description
CPT	90645-90648	Hemophilus influenza b vaccine (Hib), for intramuscular use (Hib also included in 90698, 90721, and 90748)
CPT	90669	Pneumococcal conjugate vaccine, 7 valent, for intramuscular use
CPT	90670	Prevnar 13 – pneumococcal conjugate
CPT	90698	Diphtheria, tetanus toxoids, acellular pertusis vaccine, haemophilus influenza Type B, and poliovirus vaccine, inactivated (DTaP-Hib-IPV), for intramuscular use
CPT	90700	Diphtheria, tetanus toxoids, acellular pertusis vaccine (DTaP), when administered to individuals younger than 7 years, for intramuscular use
CPT	90704	Mumps virus vaccine, live, for subcutaneous use (also included in 90707 and 90710)
CPT	90705	Measles virus vaccine, live, for subcutaneous use (also included in 90707, 90708 and 90710)
CPT	90706	Rubella virus vaccine, live, for subcutaneous use (also included in 90707, 90708, and 90710)
CPT	90707	Measles, mumps and rubella virus vaccine (MMR), live, for subcutaneous use (also included in 90710)
CPT	90708	Measles and rubella virus vaccine, live, for subcutaneous use

CPT	90710	Measles, mumps, rubella, and varicella vaccine (MMRV), live, for subcutaneous use
CPT	90713	Poliovirus vaccine, inactivated (IPV), for subcutaneous or intramuscular use (also included in 90698 and 90723)

Codes	Code Number	Code Description
CPT	90716	Varicella virus vaccine, live, subcutaneous use (also included in 90710)
CPT	90721	Diphtheria, tetanus toxoids, acellular pertussis vaccine and Hemophilus influenza B vaccine (DtaP-Hib) for intramuscular use)
CPT	90723	Diphtheria, tetanus toxoids, acellular pertussis vaccine, Hepatitis B, and poliovirus, inactivated (DtaP-HepB-IPV), for intramuscular use
CPT	90740	Hepatitis B vaccine, dialysis or immunosuppressed patient dosage (3 does schedule), for intramuscular use
CPT	90744	Hepatitis B vaccine, pediatric/adolescent dosage (3 dose schedule), for intramuscular use
CPT	90747	Hepatitis B vaccine, dialysis or immunosuppressed patient dosage (4 dose schedule), for intramuscular use
CPT	90748	Hepatitis B and hemophilus influenza b vaccine (HepB-Hib), for intramuscular use
ICD-9-CM	V02.61	Hepatitis B carrier
ICD-9-CM	070.2	Viral hepatitis B with hepatic coma
ICD-9-CM	070.3	Viral hepatitis B without mention of hepatic coma
ICD-9-CM	052x and 053x	Chickenpox
ICD-9-CM	056x	Rubella
ICD-9-CM	055x 072x	Measles Mumps
ICD-9-CM	99.39	Administration of diphtheria-tetanus-pertussis, combined
ICD-9-CM	99.41	Administration of poliomyelitis vaccine
ICD-9-CM	99.45	Vaccination against measles
ICD-9-CM	99.46	Vaccination against mumps
ICD-9-CM	99.47	Vaccination against rubella

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ICD-9-CM	99.48	Administration of measles-mumps-rubella vaccine
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Exclusions: Patients are excluded as a qualifying patient in the following circumstances.

Immunization	Description	ICD-9-CM Diagnosis
Any particular vaccine	Anaphylactic reaction to the vaccine or its components	999.42 999.4*
DTaP	Encephalopathy  Progressive neurologic disorder, including infantile spasm, uncontrolled epilepsy	323.51 with (E948.4 or E948.5 or E948.6)
IPV	Anaphylactic reaction to streptomycin, polymyxin B or neomycin	-----
MMR, VZV, and influenza	Immunodeficiency, including genetic (congenital) immune-deficiency syndromes HIV disease; asymptomatic HIV Cancer of lymphoreticular or histiocytic tissue Multiple myeloma Leukemia Anaphylactic reaction to neomycin	279x  042, V08 200-202 203x 204x-208x -----
Hepatitis B	Anaphylactic reaction to common baker's yeast	-----

References:

1. <http://www.cdc.gov/vaccines/schedules/index.html>
2. [http://www.hopkinsmedicine.org/johns\\_hopkins\\_healthcare/downloads/hedis\\_tip\\_sheet\\_nov\\_2013.pdf](http://www.hopkinsmedicine.org/johns_hopkins_healthcare/downloads/hedis_tip_sheet_nov_2013.pdf)