



Vaccine Coding & Billing Guide

Vaccine administration coding

Report codes **90460** and **90461** only when the physician or qualified health care professional provides face-to-face counseling of the patient/family during the administration of the vaccine.

For immunization administration of any vaccine that is not accompanied by face-to-face counseling of the patient/family or for administration of vaccines for patients over 18 years of age, report codes **90471-90474**.

Code 90460 is reported once for the first component of each vaccine or toxoid administered by any route. The reporting of code 90460 includes counseling for the first vaccine component. Code 90461 is additionally reported for the counseling associated with each additional component of any combination vaccine or toxoid.

CPT Coding

- 90460 Through 18 years via any route **with counseling** by physician or other qualified health care professional; first vaccine/toxoid component. Medicaid rate as of 7/1/2015 is \$21.68
- 90461 Through 18 years via any route, **with counseling** by physician or other qualified health care professional; each additional vaccine/toxoid component. Medicaid rate is \$0.00
- 90471 (including percutaneous, intradermal, subcutaneous, or intramuscular injections); one vaccine (single or combination vaccines/toxoid). Medicaid rate as of 7/1/2015 is \$21.68
- 90472 (including percutaneous, subcutaneous, intradermal, or intramuscular injections); each additional vaccine (single or combination vaccine/toxoid). Medicaid rate as of 7/1/2015 - \$12.59

How does CPT define a vaccine component?

A component refers to all antigens in a vaccine that prevent disease(s) caused by one organism. Multivalent antigens or multiple serotypes of antigens against a single organism are considered a single component of vaccines.

Combination vaccines are those vaccines that contain multiple vaccine components. Conjugates or adjuvants contained in vaccines are not considered to be component parts of the vaccine as defined above.

ICD-10

The International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) code for any vaccine given including influenza is **Z23** (encounter for immunizations).

Vaccine and vaccine administration coding examples

Vaccine	CPT	Components	Immun. Admin. Code
Tdap	90715 (≥7 yrs)	3	90460, 90461 x 2
Td	90714	2	90460 and 90461
MPSV4 (SQ)	90733	1	90460
MCV4 (IM)	90734		
HPV (Gardasil)	90649	1	90460
HPV (Cervarix)	90650	1	90460

NCCI Edits Coding & Billing Tips

NCCI Edits

- The NCCI edits are code edits published by both Medicaid and Medicare to support correct coding and claims adjudication
- The version effective 1/1/2013 included edits on all E/M services that disallow patient visit with immunization administration codes without the proper modifier
- With proper modifier placement, the edit can be overridden

TIPS on Coding to avoid denials

- Append modifier 25 to the preventive medicine service code (99381-99395) when it is reported in conjunction with any immunization administration service (90460-90461; 90471-90474). Modifier 25 should also be appended to other non-preventive medicine E/M services (e.g., 99201-99215) when reported in conjunction with immunization administration -- but only when the E/M service is significant and separately identifiable. ***So...anytime a vaccine is administered, whether it is a WCC or acute visit a -25 modifier needs to be added to the E/M code.***
- If a WCC and acute visit is done at the same visit, and shots are administered a -25 modifier needs to be attached to both the WCC and the acute visit code.
- No modifier needed if shots only.
- Add modifier -25 to the sick visit code if both a well and a sick visit are coded and no immunizations are given.
- If you have G8431/G8510 (depression screen) with a vaccine admin, add the -25 modifier to G8431/G8510.
- Use both modifiers if you have CPT 99173, G8431/G8510, and a vaccine admin.
- NCCI prohibits the use of procedure code 99211 (office or other outpatient visit for the evaluation and management of an established patient, which may not require the presence of a physician) with vaccine/immunization administration procedure codes 90460-90474. No NCCI bypass modifiers are recognized with these procedure code pairs.

Immunization Coding and Reimbursement

[Click here for the Medicaid Immunization Billing Manual \(12/2015\)](#) that contains comprehensive and detailed information including coding, reimbursement rates and VFC guidelines. Here is a table of the more commonly used influenza vaccine codes:

CPT Code	Description	Ages	Rate (7/1/2015)	VFC?
90654	Influenza virus vaccine, split virus, preservative free, for intradermal use	19+	\$19.23	No
90655	Influenza virus vaccine, trivalent, split virus, preservative free, 6-35 mo, IM	0-2	\$0	Yes
90656	Influenza virus vaccine, trivalent, split virus, preservative free, 3-18 yrs, IM	3-18	\$0	Yes
90656	Influenza virus vaccine, trivalent, split virus, preservative free, 19+ yrs, IM	19+	\$18.24	No
90657	Influenza virus vaccine, trivalent, split virus, 6-35 mo, IM	0-2	\$0	Yes
90658	Influenza virus vaccine, trivalent, split virus, 3-18 yrs, IM	3-18	\$0	Yes
90658	Influenza virus vaccine, trivalent, split virus, 19+ yrs, IM	19+	\$14.36	No
90660	Influenza virus vaccine, trivalent, live, 2-18 yrs, intranasal	2-18	\$0	Yes
90660	Influenza virus vaccine, trivalent, live, 19-20 yrs, intranasal	19-20	\$21.09	No
90661	Influenza virus vaccine, derived from cell cultures, subunit, preservative and antibiotic free, IM	0-18	\$0	Yes
90661	Influenza virus vaccine, derived from cell cultures, subunit, preservative and antibiotic free, IM	19+	\$14.47	No
90672	Influenza virus vaccine, quadrivalent, live, 0-2 yrs, intranasal	0-2	\$0	Yes
90686	Influenza virus vacc, quadrivalent, split virus, preservative free, 3-18 yrs, IM	3-18	\$0	Yes
90686	Influenza virus vacc, quadrivalent, split virus, preservative free, 19+ yrs, IM	19+	\$15.84	No
90688	Influenza virus vacc, quadrivalent, split virus, 3-18 yrs, IM	3-18	\$0	Yes

[Click here to access the American Academy of Pediatrics 2016 Vaccine Coding Table](#)