

Adult Immunization Status (AIS-E)

New for 2025

Added

- Added a Hepatitis B immunization indicator

Updated

- Updated the denominator age range for pneumococcal immunization indicator
- Removed herpes zoster live vaccine from the herpes zoster immunization indicator
- Revised herpes zoster numerator criteria to on or after Oct. 1, 2017, through the end of the measurement year

Definition

Percentage of members ages 19 and older who have had the following vaccinations in the recommended time frame:

- 1 influenza vaccine
- 1 Td/Tdap vaccine
- 2 (recombinant) herpes zoster (shingles)
- 1 adult pneumococcal vaccine
- 3 childhood Hepatitis B vaccines or an adult Hepatitis B vaccine series

Plans(s) affected	Quality program(s) affected	Collection and Reporting Method
<ul style="list-style-type: none"> • Commercial • Medicaid • Medicare • Exchange/Marketplace 	<ul style="list-style-type: none"> • NCQA Health Plan Ratings • CMS Star Ratings • CMS Quality Rating System 	<ul style="list-style-type: none"> • Electronic data only

Codes

The following codes can be used to close numerator gaps in care; they are not intended to be a directive of your billing practice.

Influenza vaccine

- Number of doses: 1
- Members aged 19 and older
- Vaccine administered on or between July 1 of the year prior to measurement year and June 30 of the measurement year
- Anaphylaxis due to the influenza vaccine will count toward compliance

Adult Immunization Status (AIS-E) (cont.)

Influenza vaccine

- Number of doses: 1
- Members aged 19 and older
- Vaccine administered on or between July 1 of the year prior to measurement year and June 30 of the measurement year
- Anaphylaxis due to the influenza vaccine will count toward compliance

CPT®/CPT II	90630, 90653, 90654, 90656, 90658, 90661, 90662, 90673, 90674, 90682, 90686, 90688, 90689, 90694, 90756, 90660, 90672
CVX codes	88, 135, 140, 141, 144, 150, 153, 155, 158, 166, 168, 171, 185, 186, 197, 205, 111, 149
SNOMED	86198006, 787016008, 471361000124100

Td/Tdap

- Number of doses: 1
- Members age 19 and older
- Vaccine administered between 9 years prior to the start of the measurement year and the end of the measurement year
- Anaphylaxis or encephalitis due to the diphtheria, tetanus or pertussis vaccine will count toward compliance

CPT®/CPT II	90714, 90715
CVX codes	09, 113, 115, 138, 139
SNOMED	73152006, 312869001, 395178008, 395179000, 395180002, 395181003, 414619005, 416144004, 416591003, 417211006, 417384007, 417615007, 866161006, 866184004, 866185003, 866186002, 866227002, 868266002, 868267006, 868268001, 870668008, 870669000, 870670004, 871828004, 632481000119106, 390846000, 412755006, 412756007, 412757003, 428251000124104, 571571000119105

Encephalitis due to diphtheria, tetanus or pertussis vaccine

SNOMED	192710009, 192711008, 192712001
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Adult Immunization Status (AIS-E) (cont.)

Anaphylaxis due to diphtheria, tetanus or pertussis vaccine

SNOMED	428281000124107, 428291000124105
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Adult pneumococcal vaccine

- Number of doses: 1
- Members age 65 and older
- Vaccine administered on or after member's 19th birthday and before or during the measurement year
- Anaphylaxis to the pneumococcal vaccine any time before or during the measurement year will count toward compliance

CPT®/CPT II	90670, 90671, 90677, 90732
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CVX codes	33, 109, 133, 152, 215, 216
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SNOMED	12866006, 394678003, 871833000, 1119366009, 1119367000, 1119368005, 1296904008, 434751000124102
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HCPCS	G0009
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Anaphylaxis due to pneumococcal vaccine

SNOMED	471141000124102
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Herpes Zoster (shingles)

- Number of doses: 2 doses of herpes zoster recombinant vaccine
- Members ages 50 and older
- Vaccine administered on Oct. 1, 2017, through the end of the measurement year
- The recombinant vaccine must be at least 28 days apart
- Anaphylaxis to the herpes zoster will count toward compliance

CPT®/CPT II	90750
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CVX codes	187
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SNOMED	722215002
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Anaphylaxis due to herpes zoster vaccine

SNOMED	471371000124107, 471381000124105
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Adult Immunization Status (AIS-E) (cont.)

Hepatitis B vaccine

- 3 doses of childhood hepatitis B vaccine administered on or before the 19th birthday; or
- An adult hepatitis B vaccine series administered on or after the 19th birthday
 - 2 doses of the recommended 2-dose adult hepatitis B vaccine at least 28 days apart; or
 - 3 doses of any other recommended adult hepatitis B vaccine on different dates of service
- History of hepatitis B vaccine any time before or during the measurement year
- Anaphylaxis to the hepatitis B vaccine any time before or during the measurement year will count toward compliance

Childhood hepatitis B vaccine

CPT/CPT II	90740, 90747, 90744, 90723, 90697, 90748
CVX codes	08, 44, 45, 51, 110, 146, 198
HCPCS	G0010
SNOMED	16584000, 170370000, 170371001, 170372008, 170373003, 170374009, 170375005, 170434002, 170435001, 170436000, 170437009, 312868009, 396456003, 416923003, 770608009, 770616000, 770617009, 770618004, 786846001, 1162640003, 572561000119108

Newborn hep B

Number of doses: 1 of 3 eligible

ICD-10 Procedure	3E0234Z
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Adult hepatitis B vaccine series

CPT/CPT II	90739, 90740, 90743, 90744, 90746, 90747, 90759
CVX codes	43, 44, 45, 104, 189, 220

Positive hepatitis B surface antigen, surface antibody, or core antigen test result

LOINC	10900-9, 13919-6, 13952-7, 16933-4, 16935-9, 16935-9, 22316-4, 22318-0, 22319-8, 22322-2, 24113-3, 31204-1, 32019-2, 32685-0, 39535-0, 40725-4, 48070-7, 49177-9, 49495-5, 5185-4, 5186-2, 5187-0, 5188-8, 51914-0, 5193-8, 5193-8, 5194-6, 5195-3, 5196-1, 5197-9, 58405-2, 58452-4, 63557-3, 65633-0, 70154-0, 75378-0, 75409-3, 75410-1, 7905-3, 83100-8, 95234-1, 99385-7
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Adult Immunization Status (AIS-E) (cont.)

Positive hepatitis B surface antigen, surface antibody, or core antigen test result

SNOMED

10828004, 165806002, 260373001, 271511000, 313234004, 406117000, 736687002, 105811000119100

History of hepatitis

ICD-10 Diagnosis

B16.0, B16.1, B16.2, B16.9, B17.0, B18.0, B18.1, B19.10, B19.11

SNOMED

1116000, 13265006, 26206000, 38662009, 50167007, 53425008, 60498001, 61977001, 66071002, 76795007, 111891008, 165806002, 186624004, 186626002, 186639003, 235864009, 235865005, 235869004, 235871004, 271511000, 313234004, 406117000, 424099008, 424340000, 442134007, 442374005, 446698005, 838380002, 1230342001, 153091000119109, 551621000124109, 16859701000119100

Anaphylaxis due to hepatitis B vaccine

SNOMED

428321000124101

Adult Immunization Status (AIS-E) (cont.)

Required exclusion(s)

Exclusion	Time frame
<ul style="list-style-type: none"> Members in hospice or using hospice services Members who died 	Any time during the measurement year

Tips and best practices to help close this care opportunity:

- **Standing orders** can help your office staff be part of the vaccination process
 - Offer vaccine information sheets (VIS) to read while patients wait
 - Medical assistants can verify interest and obtain the vaccine to be administered
 - Train staff to answer questions, administer and document in the patient's chart
 - Consider having front office staff offer VISs in the patient's preferred language
 - Immunize.org offers numerous translations that can be selected and printed, as needed
- Have **office staff wear pins** that show they've been vaccinated to help prompt patients to ask questions
 - Example: A 'Got my flu shot' button may prompt someone to ask if flu shots are available
- Provide patients **information about vaccines** based on timing and eligibility
 - As members are turning 50, share information about the shingles vaccine
 - Ask or check when patients received their last Tdap, has it been 10 years?
 - If they have a qualifying health condition or turning 65, share information about pneumonia vaccines
 - September through November provide information on influenza vaccines
 - Offer flu shots to eligible members at all visits during flu season
 - Ask whether the patient has been screened for adult Hepatitis B and if they have had a vaccination. If not, offer the screening and vaccination.
- Stock vaccines in your office to make the visit a single stop for the patient and leverage trained staff to administer as part of their visit
- Consider which vaccines are most commonly needed based on your community
- Have a quick reference where patients can get vaccines not stocked at your office
- Place images and information about vaccinations throughout your office, including that they may be covered by the patient's health plan or low cost, on:
 - Posters
 - Placards
 - Stickers on charts
- Sharing member demographic data is critical to understanding the cultural, linguistic and social needs of those we serve and decreasing health inequities across the care continuum. This data can include, but is not limited to, race, ethnicity, language, sexual orientation, gender identity, pronouns, sex assigned at birth and disability status.
 - As part of the UnitedHealthcare clinical structured data exchange program, we encourage you to include this demographic data with any structured data file or CCD. Your information is confidential. UnitedHealthcare will keep personally identifiable information confidential and won't disclose any information without your written consent.