

# Childhood Immunization Status (CIS-E)

## New for 2026

- No applicable changes for this measure



**Yes!**  
Supplemental  
Data Accepted

## Definition

Percentage of children age 2 who had 4 doses of diphtheria, tetanus and a cellular pertussis (DTaP) vaccine; 1 hepatitis A (Hep A) vaccine; 3 doses of hepatitis B (Hep B) vaccine; 3 doses of haemophilus influenza type B (HiB) vaccine; 2 doses of influenza (flu) vaccine; 3 doses of polio (IPV) vaccine; 1 measles, mumps and rubella (MMR) vaccine; 4 doses of pneumococcal conjugate (PCV) vaccine; 2 or 3 doses of rotavirus (RV) vaccine; and 1 chicken pox (VZV) vaccine on or before their second birthday.

Plans(s) affected	Quality program(s) affected	Collection and reporting method
<ul style="list-style-type: none"> <li>• Commercial</li> <li>• Exchange/Marketplace</li> <li>• Medicaid</li> </ul>	<ul style="list-style-type: none"> <li>• CMS Quality Rating System (Combination 10)</li> <li>• NCQA Health Plan Ratings (Combination 10)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Electronic Clinical Data Systems (ECDS) reporting</b></li> </ul>

## Codes

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

### DTaP vaccine

**Number of doses: 4**

#### Special circumstances

- Do not count dose administered from birth through 42 days
- If applicable, anaphylaxis or encephalitis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using hybrid specifications

<b>CPT®/CPT II</b>	90697, 90698, 90700, 90723
<b>CVX codes</b>	20, 50, 106, 107, 110, 120, 146, 198

### Anaphylaxis due to the diphtheria, tetanus or pertussis vaccine

<b>SNOMED</b>	428281000124107, 428291000124105
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## Childhood Immunization Status (CIS-E) (cont.)

### Encephalitis due to the diphtheria, tetanus or pertussis vaccine

<b>SNOMED</b>	192710009, 192711008, 192712001
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### Hep A vaccine or history of hepatitis A illness

**Number of doses: 1**

**Special circumstances**

- Must be administered on or between a child's first and second birthdays
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using hybrid specifications

<b>CPT®/CPT II</b>	90633
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<b>CVX codes</b>	31, 83, 85
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### History of Hepatitis A

<b>ICD-10 Diagnosis</b>	B15.0, B15.9
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<b>SNOMED</b>	16060001, 18917003, 25102003, 40468003, 43634002, 79031007, 111879004, 165997004, 206373002, 278971009, 424758008 428030001, 105801000119103
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### Anaphylaxis due to the hepatitis A vaccine

<b>SNOMED</b>	471311000124103
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### Hep B vaccine, history of hepatitis B illness

**Number of doses: 3**

**Special circumstances**

- One of the 3 can be the newborn hepatitis B vaccine given at hospital on date of birth or 7 days after (see code below)
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using hybrid specifications

<b>CPT®/CPT II</b>	90697, 90723, 90740, 90744, 90747, 90748
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<b>CVX codes</b>	08, 44, 45, 51, 110, 146, 198
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<b>HCPCS</b>	G0010
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## Childhood Immunization Status (CIS-E) (cont.)

### Newborn Hep B

Number of doses: 1 of 3 eligible

ICD-10 Procedure | 3E0234Z

### History of hepatitis B

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, 429721005, 442134007, 442374005, 446698005, 838380002, 1230342001, 59851000119103, 153091000119109, 551621000124109, 16859701000119109

### Anaphylaxis due to the hepatitis B vaccine

SNOMED | 1428321000124101

### HiB vaccine

Number of doses: 3

#### Special circumstances

- Do not count dose administered from birth through 42 days
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using hybrid specifications

CPT®/CPT II | 90644, 90647, 90648, 90697, 90698, 90748

CVX codes | 17, 46, 47, 48, 49, 50, 51, 120, 146, 148, 198

### Anaphylaxis due to the haemophilus B vaccine

SNOMED | 433621000124101

### Influenza vaccine

Number of doses: 2

#### Special circumstances

- Do not count dose administered prior to 180 days after birth
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using the hybrid specifications

CPT®/CPT II | 90655, 90657, 90661, 90674, 90685, 90686, 90687, 90688, 90689, 90756, 90656, 90658

CVX codes | 88, 140, 141, 150, 153, 155, 158, 161, 171, 186, 320

## Childhood Immunization Status (CIS-E) (cont.)

### Anaphylaxis due to the influenza vaccine on or before the child's second birthday

<b>SNOMED</b>	471361000124100
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#### Live attenuated influenza virus

**Number of doses: 1**

#### Special circumstances

- Must be administered on the second birthday
- Only 1 of the 2 required vaccinations can be LAIV

<b>CPT®/CPT II</b>	90660, 90672
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<b>CVX codes</b>	111, 149
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#### IPV vaccine

**Number of doses: 3**

#### Special circumstances

- Do not count dose administered from birth through 42 days
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using the hybrid specifications

<b>CPT®/CPT II</b>	90697, 90698, 90713, 90723
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<b>CVX codes</b>	10, 89, 110, 120, 146
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### Anaphylaxis due to the inactivated polio vaccine

<b>SNOMED</b>	471321000124106
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#### MMR vaccine or history of measles, mumps or rubella

**Number of doses: 1**

#### Special circumstances

- Must be administered on or between a child's first and second birthdays
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using the hybrid specifications

<b>CPT®/CPT II</b>	90707, 90710
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<b>CVX codes</b>	03, 94
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## Childhood Immunization Status (CIS-E) (cont.)

### Anaphylaxis due to the measles, mumps and rubella vaccine on or before the child's second birthday

**SNOMED** | 471331000124109

#### History of measles

**ICD-10 Diagnosis** | B05.0, B05.1, B05.2, B05.3, B05.4, B05.81, B05.89, B05.9

**SNOMED** | 14189004, 28463004, 38921001, 60013002, 74918002, 111873003, 161419000, 186561002, 186562009, 195900001, 240483006, 240484000, 359686005, 371111005, 406592004, 417145006, 424306000, 105841000119101

#### History of mumps

**ICD-10 Diagnosis** | B26.0, B26.1, B26.2, B26.3, B26.81, B26.82, B26.83, B26.84, B26.85, B26.89, B26.9

**SNOMED** | 10665004, 17121006, 31524007, 31646008, 36989005, 40099009, 44201003, 63462008, 72071001, 74717002, 75548002, 78580004, 89231008, 89764009, 111870000, 161420006, 235123001, 236771002, 237443002, 240526004, 240527008, 240529006, 371112003, 1163539003, 105821000119107

#### History of rubella

**ICD-10 Diagnosis** | B06.00, B06.01, B06.02, B06.09, B06.81, B06.82, B06.89, B06.9

**SNOMED** | 10082001, 13225007, 19431000, 36653000, 51490003, 64190005, 79303006, 128191000, 161421005, 186567003, 186570004, 192689006, 231985001, 232312000, 240485004, 253227001, 1092361000119109, 10759761000119100

#### PCV Vaccine

**Number of doses: 4**

#### Special Circumstances

- Do not count dose administered from birth through 42 days.
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using the hybrid specifications.

**CPT®/CPT II** | 90670, 90671, 90677

**CVX codes** | 109, 133, 152, 215, 216

**HCPCS** | G0009

### Anaphylaxis due to the pneumococcal conjugate vaccine

**SNOMED** | 471141000124102

## Childhood Immunization Status (CIS-E) (cont.)

### Rotavirus vaccine

**Number of doses: 2 or 3 (depending on vaccine manufacturer)**

#### Special circumstances

- Do not count dose administered from birth through 42 days
- Can combine at least 1 dose of the 2-dose vaccine and at least 2 doses of the 3-dose vaccine
- If applicable, anaphylaxis due to vaccine and the date it occurred must be documented in the medical record to count toward the numerator using the hybrid specifications

<b>CPT®/CPT II</b>	Rotavirus 2 dose: 90681, Rotavirus 3 dose: 90680
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<b>CVX codes</b>	Rotavirus 2 dose: 119, Rotavirus 3 dose: 116, 122
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### Anaphylaxis due to the rotavirus vaccine

<b>SNOMED</b>	428331000124103
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### VZV vaccine or history of varicella zoster

**Number of doses: 1**

#### Special circumstances

- Must be administered on or between a child's first and second birthdays

<b>CPT®/CPT II</b>	90710, 90716
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<b>CVX codes</b>	21, 94
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### Anaphylaxis due to the varicella vaccine on or before the child's second birthday

<b>SNOMED</b>	471341000124104
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### History of Varicella Zoster

<b>ICD-10 Diagnosis</b>	B01.0, B01.11, B01.12, B01.2, B01.81, B01.89, B01.9, B02.0, B02.1, B02.21, B02.22, B02.23, B02.24, B02.29, B02.30, B02.31, B02.32, B02.33, B02.34, B02.39, B02.7, B02.8, B02.9
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## Childhood Immunization Status (CIS-E) (cont.)

### History of varicella zoster

#### SNOMED

4740000, 10698009, 21954000, 23737006, 24059009, 31920006, 36292003, 38907003, 42448002, 49183009, 55560002, 87513003, 111859007, 111861003, 161423008, 195911009, 230176008, 230198004, 230262004, 230536009, 232400003, 235059009, 240468001, 240470005, 240471009, 240472002, 240473007, 240474001, 309465005, 371113008, 397573005, 400020001, 402897003, 402898008, 402899000, 410500004, 410509003, 421029004, 422127002, 422446008, 422471006, 422666006, 423333008, 423628002, 424353002, 424435009, 424801004, 424941009, 425356002, 426570007, 428633000, 713250002, 713733003, 713964006, 715223009, 723109003, 838357005, 1163465001, 1163483009, 1179456002, 12551000132107, 12561000132105, 12571000132104, 98541000119101, 331071000119101, 681221000119108, 1087131000119100, 15678761000119100, 15678801000119100, 15678841000119100, 15680201000119100, 15680241000119100, 15681321000119100, 15681401000119100, 15685081000119100, 15685121000119100, 15685161000119100, 15936581000119100, 15936621000119100, 15989271000119100, 15989311000119100, 15989351000119100, 15991711000119100, 15991751000119100, 15991791000119100, 15992351000119100, 16000751000119100, 16000791000119100, 16000831000119100

### Required exclusion(s)

Exclusion	Time frame
<ul style="list-style-type: none"> <li>Members in hospice or using hospice services</li> <li>Members who died</li> </ul>	Any time during the measurement year
<ul style="list-style-type: none"> <li>Members who have had a contraindication to a childhood vaccine</li> <li>Members who have had organ and bone marrow transplants</li> </ul>	Any time on or before a member's second birthday

## Childhood Immunization Status (CIS-E) (cont.)



### Important notes

#### Medical record detail including, but not limited to

A member's medical record must include:

- A note with the name of the specific antigen and the date the vaccine was administered
- An immunization record from an authorized health care provider or agency - for example, a registry - including the name of the specific antigen and the date the vaccine was administered

Documentation that a member is up-to-date with all immunizations, but doesn't include a list of the immunizations and dates they were administered, will **not** meet compliance.

Documentation of physician orders, CPT codes or billing charges will **not** meet compliance.

For Hep A, Hep B, MMR or VZV, documented history of the illness counts as numerator compliance events - but they must occur on or before a child's second birthday.

For all 10 antigens documented history of anaphylaxis due to the vaccine counts as numerator compliance.

Documentation that a vaccine was given at birth or in the hospital will count as numerator compliance for any vaccines that don't have minimum age specifications.

- History and physical
- Immunization record
- Lab results
- Problem list with illnesses dated
- Progress notes

## Childhood Immunization Status (CIS-E) (cont.)

### Additional measure resources

<ul style="list-style-type: none"> <li><b>Immunizations Best Practice Course</b></li> </ul>	Use the quick provider web-based training to learn more about best practices for immunizations for all ages.
<ul style="list-style-type: none"> <li><b>CDC Vaccines &amp; Immunizations</b></li> </ul>	Find the most up-to-date immunization schedules and catch-up recommendations.
<ul style="list-style-type: none"> <li><b>Low cost/Free Vaccination Opportunities</b></li> </ul>	Discuss low-cost/free vaccination opportunities if cost is a concern.
<ul style="list-style-type: none"> <li><b>Immunization Action Coalition</b></li> </ul>	A resource dedicated to empowering health care professionals through accessible educational resources and championing the removal of systemic barriers to ensure equitable access to vaccination for all populations.
<ul style="list-style-type: none"> <li><b>Child Health and Well Visits</b></li> </ul>	UnitedHealthcare's Children's Health page offers insights into developmental milestones, preventive care checklists, vaccination schedules and tips for preparing for well-child visits.
<ul style="list-style-type: none"> <li><b>Facilitate Return for Vaccination</b></li> </ul>	The CDC's IQIP strategy for facilitating return visits for vaccination emphasizes scheduling the next immunization appointment before the patient leaves the clinic, ideally during the exam or at checkout.
<ul style="list-style-type: none"> <li><b>Coding for Pediatric Preventive Care 2025</b></li> </ul>	This initiative provides clinicians with tools and guidance to accurately document and bill for well-child visits and other preventive services.
<ul style="list-style-type: none"> <li><b>Bright Futures</b></li> </ul>	This essential resource from the American Academy of Pediatrics provides comprehensive, evidence-informed recommendations for pediatric health supervision from birth through age 21.