

# HEDIS® Tip Sheet

## Childhood Immunization Status (CIS-E)

Note: Effective 2025, CIS measure will be retired and only the CIS-E measure will be reported.

### Measure Description

The percentage of children 2 years of age who had the following vaccines by their second birthday:

- One MMR (Measles, Mumps, Rubella)
  - One Hep A (Hepatitis A)
  - One VZV (Varicella)
  - Two flu (influenza) vaccines
  - Two or three RV (Rotavirus)
  - Three Hep B (Hepatitis B)
  - Three IPV (Polio)
  - Three HiB (Haemophilus Influenza Type B)
  - Four DTaP (Diphtheria, Tetanus, Acellular Pertussis)
  - Four PCV (Pneumococcal)
- **MMR:** Members also meet measurement criteria if there is a history of **ALL** the following (on the same or different date of service) any time on or before the child's second birthday: measles, mumps, and rubella illness (Do not include laboratory claims POS: 81.)
  - **HepA:** Members also meet measure criteria if there is a history of Hepatitis A illness anytime on or before the child's second birthday (Do not include laboratory claims POS: 81.)
  - **VZV:** Vaccinations must have different dates of service. Members also meet measurement criteria if there is a history of chicken pox (VZV) illness any time on or before the child's second birthday.
  - **Influenza:** Vaccinations must have different dates of service. Do **NOT** count a vaccination administered prior to 180 days after birth. NOTE: An influenza vaccination recommended for children 2 years and older administered on the child's second birthday meets criteria for one of the two required vaccinations.
  - **RV:** Vaccinations must have different dates of service. Do **NOT** count a vaccination administered prior to 42 days after birth. Members meet measure criteria if **ANY** of the following occur on or before the child's second birthday: At least two doses of the two-dose rotavirus (RV) vaccine **OR** at least three doses of the three-dose rotavirus (RV) vaccine **OR** at least one dose of the two-dose rotavirus (RV) vaccine and at least two doses of the three-dose rotavirus (RV) vaccine.
  - **HepB:** Vaccinations must have different dates of service (One of the three vaccinations can be a newborn HepB during the eight-day period that begins on the date of birth and ends seven days after the date of birth.) Members also meet measurement criteria if there is a history of Hepatitis B illness (Do not include laboratory claims POS: 81.)
  - **IPV, HiB, DTaP, and PCV:** Vaccinations must have different dates of service. Do **NOT** count a vaccination administered prior to 42 days after birth.

**Note:** MMR, VZV and Hep A vaccinations must be administered on or between the child's first and second birthdays to meet this measure's criteria.

**Product Lines:** Commercial, Medicaid, Exchange

# Codes Included in the Current HEDIS® Measure

## Codes to Identify Childhood Immunizations

Description	Code
DTaP	<b>CPT:</b> 90697, 90698, 90700, 90723 <b>CVX:</b> 20, 50, 106, 107, 110, 120, 146, 198
IPV	<b>CPT:</b> 90697, 90698, 90713, 90723 <b>CVX:</b> 10, 89, 110, 120, 146
MMR	<b>CPT:</b> 90707, 90710 <b>CVX:</b> 03, 94 <b>ICD-10:</b> B05.0-B05.4, B05.81, B05.89, B05.9, B06.00-B06.02, B06.09, B06.81, B06.82, B06.89, B06.9
HiB	<b>CPT:</b> 90644, 90647, 90648, 90697, 90698, 90748 <b>CVX:</b> 17, 46-51, 120, 146, 148, 198
Hepatitis A	<b>CPT:</b> 90633 <b>CVX:</b> 31, 83, 85 <b>ICD-10:</b> B15.0, B15.9
Hepatitis B	<b>CPT:</b> 90697, 90723, 90740, 90744, 90747, 90748 <b>CVX:</b> 08, 44, 45, 51, 110, 146, 198 <b>HCPCS:</b> G0010 <b>ICD-10:</b> B16.0-B16.2, B16.9, B17.0, B18.0, B18.1, B19.10, B19.11
VZV	<b>CPT:</b> 90710, 90716 <b>CVX:</b> 21, 94 <b>ICD-10:</b> B01.0, B01.11, B01.12, B01.2, B01.81, B01.89, B01.9, B02.0, B02.1, B02.21-B02.24, B02.29-B02.34, B02.39, B02.7-B02.9
Pneumococcal conjugate	<b>CPT:</b> 90670, 90671, 90677 <b>CVX:</b> 109, 133, 152, 215, 216 <b>HCPCS:</b> G0009
Rotavirus Vaccine (2 Dose Schedule) Procedure	<b>CPT:</b> 90681
Rotavirus Vaccine (3 Dose Schedule) Procedure	<b>CPT:</b> 90680 <b>CVX:</b> 116, 122
Influenza Immunization	<b>CPT:</b> 90655, 90657, 90661, 90673, 90674, 90685-90689, 90756 <b>CVX:</b> 88, 140, 141, 150, 153, 155, 158, 161, 171, 186
Influenza Virus LAIV Immunization	<b>CPT:</b> 90660, 90672 <b>CVX:</b> 111, 149

## Ways Providers can Improve HEDIS® Performance

- Review the child's immunization record before every visit and administer needed vaccines.
- Leverage synchronous telehealth visits to engage with parents or caregivers about the importance of timely childhood vaccinations and arrange appointments for immunization.
- Recommend immunizations to parents or caregivers as they are more likely to agree with vaccinations when supported by their provider.
- Address common misconceptions about vaccinations (e.g., now disproven MMR causes autism).
- For tips on effectively communicating to parents regarding the importance of vaccinations, go to the CDC website at: <https://www.cdc.gov/vaccines/hcp/conversations/talking-with-parents.html>.
- Utilize the appropriate codes to record compliance and reduce the need for medical record requests.
- Ensure patient vaccination record is complete and accurate even if your office did not provide the vaccine.

## Ways Health Plans can Improve HEDIS® Performance

- Educate members on the importance of vaccinations. Address common misconceptions about vaccinations (e.g., now disproven MMR causes autism).
- Remind members of timing for vaccines.
- Send birthday cards that provide the immunization schedule and stress the importance of keeping children immunized in a timely manner.
- Ensure access to and utilize state immunization registry files/feeds.
- Audit, identify, and educate top 10 providers with open immunization gaps.

## Required Exclusions

- Members who use hospice services or elect to use a hospice benefit any time during the measurement year.
- Members who die any time during the measurement year.
- Members who had any of the following on or before their second birthday: HIV, severe combined immunodeficiency, immunodeficiency, lymphoreticular cancer, multiple myeloma or leukemia, intussusception. Do not include laboratory claims (POS: 81).
- Members with an anaphylactic reaction to a vaccine or its components can be excluded from any vaccine.
- Members who had a contraindication to a childhood vaccine on or before their second birthday: Contradictions to Childhood Vaccines Value Set or Organ and Bone Marrow Transplants Value Set.

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