

# Childhood Immunization Status (CIS)

## APPLICABLE LINES OF BUSINESS

- Commercial
- Exchange

## MEASURE DESCRIPTION

Percentage of children who turn two years of age during the measurement year and who received the following vaccinations on or before their second birthday<sup>i</sup>:

Childhood Immunizations – Combo 10*
4 Diphtheria, Tetanus-acellular Pertussis (DTaP)
3 Polio (IPV)
1 Measles, Mumps and Rubella (MMR)
3 Haemophilus Influenza Type B (HiB)
3 Hepatitis B (HepB)
1 Varicella Zoster Vaccine (VZV) or history of varicella zoster (e.g., chicken pox)
4 Pneumococcal Conjugate Vaccine (PCV)
1 Hepatitis A (HepA)
2 Influenza (Flu) At least 2 influenza vaccines with different dates of service. 1 of the 2 vaccinations can be a Live Attenuated Influenza Vaccine (LAIV) administered on the child's second birthday.
2 or 3 Rotavirus (RV) At least 1 dose of the 2-dose vaccine <b>and</b> at least 2 doses of the 3-dose vaccine on different dates of service <b>or</b> at least 2 doses of the 2-dose vaccine on different dates of service <b>or</b> at least 3 doses of the 3-dose vaccine on different dates of service.

\*Commercial reports Combination 3, Combination 7, and Combination 1, and Exchange reports Combination 3 and Combination 10.

## EXCLUSIONS

Patients are excluded if they:

- Had an anaphylactic reaction/contraindication to one or more of the vaccines. In this case document the date, vaccine, and type of reaction.
- Use hospice services during the measurement year.
- Died any time during the measurement year.

## MEDICAL RECORDS

Patient medical records should include:

- For immunization evidence obtained from the medical record, evidence that the antigen was rendered from one of the following:

- A note indicating the name of the specific vaccine and the date it was administered.
- A certificate of immunization prepared by an authorized health care provider or agency including the specific dates and types of immunizations administered.
- For history of illness or a seropositive test result, a note indicating the date of the event, which must have occurred by the member's second birthday.
- Notes in the medical record indicating that the member received the immunization "at delivery" or "in the hospital" may be counted only for immunizations that do not have minimum age restrictions (e.g. before 42 days after birth). This is common with the first administration of the Hep B vaccine.

## CODING

Type	Code	Description
CVX <sup>ii</sup>	20, 50, 106-107, 110, 120	(DTaP) Diphtheria-Tetanus-acellular Pertussis Immunization
CPT <sup>®iii</sup>	90698, 90700, 90723	(DTaP) Diphtheria-Tetanus-acellular Pertussis Procedure
CVX	10, 89, 110, 120	(IPV) Polio Immunization
CPT <sup>®</sup>	90698, 90713, 90723	(IPV) Polio Procedure
CVX	03, 94	(MMR) Measles, Mumps, and Rubella Immunization
CPT <sup>®</sup>	90707, 90710	(MMR) Measles, Mumps, and Rubella Procedure
CVX	05	Measles Immunization
CPT <sup>®</sup>	90705	Measles Vaccine Procedure
CVX	04	Measles Rubella Immunization
CVX	07	Mumps Immunization
CPT <sup>®</sup>	90704	Mumps Vaccine Procedure
CVX	06	Rubella Immunization
CPT <sup>®</sup>	90706	Rubella Vaccine Procedure
CVX	17, 46-51, 120, 148	(HiB) Haemophilus Influenzae Type B Immunization
CPT <sup>®</sup>	90698, 90748, 90644-48	(HiB) Haemophilus Influenzae Type B Vaccine Procedure
CVX	08, 44-45, 51, 110	(Hep B) Hepatitis B Immunization
CPT <sup>®</sup>	90723, 90740, 90744, 90747-8	(Hep B) Hepatitis B Vaccine Procedure
HCPCS <sup>iv</sup>	G0010	(Hep B) Hepatitis B Vaccine Procedure
CVX	21, 94	(VZV) Varicella Zoster Immunization
CPT <sup>®</sup>	90710, 90716	(VZV) Varicella Zoster Vaccine Procedure
CVX	133, 152	(PCV) Pneumococcal Conjugate Immunization
CPT <sup>®</sup>	90670	(PCV) Pneumococcal Conjugate Vaccine Procedure
HCPCS	G0009	(PCV) Pneumococcal Conjugate Vaccine Procedure
CVX	31, 83, 85	(Hep A) Hepatitis A Immunization
CPT <sup>®</sup>	90633	(Hep A) Hepatitis A Vaccine Procedure
CVX	88, 135, 140, 141, 150, 153, 155, 158, 161	(Flu) Influenza Immunization
CPT <sup>®</sup>	90655, 90657, 90673, 90661, 90685-9	(Flu) Influenza Vaccine Procedure
HCPCS	G0008	(Flu) Influenza Vaccine Procedure
CVX	111, 149	(Flu) Influenza LAIV Immunization
CPT <sup>®</sup>	90660, 90672	(Flu) Influenza LAIV Vaccine Procedure
CVX	119	(RV) Rotavirus (2 Dose Schedule) Immunization
CPT <sup>®</sup>	90681	(RV) Rotavirus (2 Dose Schedule) Vaccine Procedure
CVX	116, 122	(RV) Rotavirus (3 Dose Schedule) Immunization
CPT <sup>®</sup>	90680	(RV) Rotavirus (3 Dose Schedule) Vaccine Procedure

## TIPS FOR SUCCESS

### Patient Care

- Review the CDC timeline of recommended childhood immunizations with parents<sup>v</sup>.
- Upload immunizations to the applicable Washington or Alaska Immunization Registry.
- Administer vaccinations during already scheduled appointments.
- At each appointment, review immunization records and encourage the opportunity to catch up on missing immunizations.
- Advise parents on the importance of completing each vaccine series.

### Documentation and Coding

- Review and document the child's vaccinations with the name of the specific antigen and the date it was administered.
- Review and document the child's history and date of illness such as chicken pox, measles, etc.
- Partner with your health plan payers to submit electronic data from your EMR.
- Document medical and surgical history in the medical record with dates in structured fields so your EMR can include these in reporting. This will allow the corresponding code to be included in electronic reporting, including claims, to health plans.
- Code for exclusions.
- NCQA has transitioned this measure to an Electronic Clinical Data Systems (ECDS) reported measure. This means that health plans can only use information submitted *during* the measurement year to qualify for this measure. Information can be submitted electronically (e.g., EMR extracts and FHIR feeds), via claims codes, and in medical record documentation sent to the plan. Plans will no longer perform chart reviews *after* the measurement year for this measure.

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<sup>i</sup> National Committee for Quality Assurance. HEDIS® Measurement Year 2024 Volume 2 Technical Specifications for Health Plans (2024), 531-545.

<sup>ii</sup> CVX codes are developed and maintained by the CDC's National Center of Immunization and Respiratory Diseases (NCIRD).

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<sup>iv</sup> HCPCS codes and descriptors are approved and maintained jointly by the alpha-numeric editorial panel (consisting of Centers for Medicare & Medicaid Services, America's Health Insurance Plans, and the Blue Cross Blue Shield Association).

<sup>v</sup> Centers for Disease Control and Prevention. *Your child needs vaccines as they grow!* (2024), <https://www.cdc.gov/vaccines/parents/downloads/parent-ver-sch-0-6yrs.pdf>