

Childhood Immunization Status (CIS)



Improve your Childhood Immunization Status HEDIS® rates by using this tip sheet for key details about the measure, codes and guidance for documentation.

Measure: Children 2 years of age who completed all of the required vaccines listed below by their 2nd birthday² :

Combination 10 (Combo-10) Required Vaccines

4 DTaP (Diphtheria, Tetanus, and Acellular Pertussis)^{1,5,6}	3 HiB (Haemophilus Influenzae Type B)^{1,3,5}	3 HepB (Hepatitis B)^{5,7}	1 VZV (Varicella Zoster)^{3,7}	2 Influenza (Flu)²
4 PCV (Pneumococcal Conjugate)¹	3 IPV (Polio)¹	1 MMR (Measles, Mumps, and Rubella)^{3,7}	1 HepA (Hepatitis A)^{3,7}	2-3 Rotavirus^{1,4,5}

1. Do not count a vaccination administered prior to 42 days after birth.
2. Do not count a vaccination administered prior to 180 days after birth.
3. Vaccine must be administered on or between the child's 1st and 2nd birthdays.
4. RV5 is given in 3 doses at ages 2, 4, and 6 months. RV1 is given in 2 doses at ages 2 and 4 months.
5. Anaphylaxis due to the vaccine on or before the member's 2nd birthday. There must be a note indicating the date of the event, which must have occurred by the member's 2nd birthday.
6. Encephalitis due to the vaccine on or before the member's 2nd birthday. There must be a note indicating the date of the event, which must have occurred by the member's 2nd birthday.
7. History of the illness(es) anytime on or before the member's 2nd birthday. There must be a note indicating the date of the event, which must have occurred by the member's 2nd birthday.

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Vaccine Codes*

Vaccine	Code	Vaccine	Code
DTaP	90700	Measles	B05.0, B05.1, B05.2, B05.3, B05.4, B05.81, B05.89, B05.9 161419000 (History of Measles)
PCV	90670	Mumps	B26.0, B26.1, B26.2, B26.3, B26.81, B26.82, B26.83, B26.84, B26.85, B26.89, B26.9 161420006 (History of Mumps)
HiB	90647, 90648	Rubella	B06.00, B06.01, B06.02, B06.09, B06.81, B06.82, B06.89, B06.9 161421005 (History of Rubella)
IPV	90713	HepA	90633, B15.0, B15.9 428030001 (History of HepA)
HepB	90740, 90744, 90747	Influenza	90655, 90657, 90661, 90673, 90674, 90685, 90686, 90687, 90688, 90689, 90756 90660, 90672 (if administered on the 2nd birthday)
VZV	90716 473164004 (History of VZV)	Rotavirus (2 Dose Schedule) Rotavirus (3 Dose Schedule)	90681, 90680

¹ HEDIS – Healthcare Effectiveness Data and Information Set.

² NCQA. HEDIS 2023 Technical Specifications for Health Plans, Volume 2, Washington, D.C., 2022.

Combination Vaccines	Code	Combination Vaccines	Code
DTaP-HepB-IPV	90723	HiB-HepB	90748
DTaP-HiB-IPV	90698	Measles-Mumps-Rubella	90707
DTaP-IPV-HiB-HepB	90697	Measles-Mumps-Rubella-VZV	90710

***Codes billed for vaccines supplied by the state must include an SL modifier.**

Other Codes			
Anaphylaxis due to vaccine	SNOMED CT: 428291000124105 (DTaP), 428321000124101 (HepB), 433621000124101 (HiB), 428331000124103 (Rotavirus)	Encephalitis due to DTaP	SNOMED CT: 192712001 (Pertussis), 192711008 (Diphtheria), 192710009 (Tetanus)

Required Exclusions
<ul style="list-style-type: none"> Members in hospice or using hospice services anytime during the measurement year. Members who died any time during the measurement year. Members who had any of the following on or before their 2nd birthday: <ul style="list-style-type: none"> Severe combined immunodeficiency. Immunodeficiency. HIV. Lymphoreticular cancer, multiple myeloma or leukemia. Intussusception.

Exclusion Description	Code
Severe combined immunodeficiency	D81.0, D81.1, D81.2, D81.9
Disorders of the immune system	D80.0-D80.9, D81.0-D81.2, D81.4, D81.6, D81.7, D81.89, D81.9, D82.0, D82.1-D82.4, D82.8-D83.2, D83.8-D84.1, D84.8, D84.81, D84.821, D84.822, D84.89, D84.9, D89.3, D89.810-D89.813, D89.82, D89.831-D89.835, D89.839, D89.89, D89.9
HIV	B20, Z21, B97.35
Lymphoreticular cancer, multiple myeloma or leukemia	C81.00-C81.49, C81.70-C81.79, C81.90-C83.39, C83.50-C83.59, C83.70-C84.19, C84.40-C84.49, C84.60-C84.79, C84.7A, C84.90-C84.99, C84.A0-C84.A9, C84.Z0-C84.Z9, C85.10-C85.29, C85.80-C85.99, C86.0-86.6, C88.2-C88.9, C90.00-C90.12, C90.20-C90.22, C91.00-C91.02, C91.10-C91.12, C91.30-C91.32, C91.40-C91.42, C91.50-C91.52, C91.60-C91.62, C91.90-C91.92, C91.A0-C91.A2, C91.Z0-C91.Z2, C92.00-C92.02, C92.10-C92.12, C92.20-C92.22, C92.30-C92.32, C92.40-C92.42, C92.50-C92.52, C92.60-C92.62, C92.90-C92.92, C92.A0-C92.A2, C92.Z0-C92.Z2, C93.00-C93.02, C93.10-C93.12, C93.30-C93.32, C93.90-C93.92, C93.Z0-C93.Z2, C94.00-C94.02, C94.20-C94.22, C94.30-C94.32, C94.80-C94.82, C95.00-C95.02, C95.10-C95.12, C95.90-C95.92, C96.0, C96.2, C96.20-C96.22, C96.29, C96.4, C96.9, C96.A, C96.Z
Intussusception	K56.1

Best Practices

- Administer all vaccines during well-child visits.
- Schedule newborns for infant well-care visits as soon as possible to get on an appropriate schedule for well-care visits and vaccines.
- Educate staff to schedule vaccination/well-child visits PRIOR to 2nd birthday.
- Use combination vaccines (DTaP-HepB-IPV, DTaP-HiB-IPV, DTaP-IPV-HiB-HepB) when possible.
- Review vaccination records before all appointments and give missing vaccines according to [CDC's periodicity schedule](#).
- Create alerts within your electronic health record (EHR) to indicate when the vaccines are due.
- Reach out to all patients under 2 years of age to ensure infants stay on the immunization and well-child visit schedule.
- Implement standing orders for infant vaccines so that patients may complete vaccines through a nurse visit.
- Consider offering drop-in hours, after-hours, or weekend appointments for member convenience.
- Ensure doses are given on schedule, especially the needed doses during the first year of life.
- Give the flu vaccine to all members ages 6 months and older during flu season.
- Use ALL visits (sick and well-care visits) to educate parents and give vaccines.
- Educate parents on the importance of vaccinations to prevent certain diseases. Address vaccine hesitancy in parents by answering their questions with fact-based educational materials.
- Reduce over-vaccination and ensure timely data submission by providing all completed vaccinations to the immunization registries (CAIR2, RIDE, PHIMS, SDIR, etc.).
- If participating in Vaccines for Children (VFC), be sure to bill the immunization codes with an SL modifier.
- Document all vaccines given with the date of service.
- Bill exclusionary diagnosis codes and dates given when applicable.
- Complete CDC's "[You Call the Shots](#)" interactive web-based immunization training course (receive continuing education credit upon completion).

Medical Chart Tips

Notes in medical record must include:

- Patient's name.
- Patient's date of birth.
- Vaccine name.
- Date vaccine given (not date ordered).
- Use of correct service coding (administrative data) with any of the CPT codes listed above as evidence of vaccine administration.

Chart deficiencies to avoid:

- Vaccines received after the 2nd birthday.
- Missing vaccines (primarily RV, Flu, DTaP and PCV).
- Vaccine records given in the hospital at birth not obtained (first HepB administered in the hospital).
- No notes about allergies, contraindications or illness.
- No notes about parental refusal.