

HEDIS Provider Guide: Childhood Immunizations (CIS-E)

Measure Description

Children 2 years of age who had the vaccines listed below **on or before their second birthday**

- 4 DTaP (diphtheria, tetanus, and acellular pertussis)
- 3 IPV (polio)
- 1 MMR (measles, mumps, rubella)
- 3 HiB (H influenza type B)
- 3 HepB (hepatitis B)
- 1 VZV (chicken pox)
- 4 PCV (pneumococcal conjugate)
- 1 HepA (hepatitis A)
- 2 or 3 RV (rotavirus)
 - 2 Rotarix®
 - 3 Rotateq®
 - 3 Rotavirus (NOS)
 - 1 Rotarix & 2 Rotateq
 - 1 Rotarix & 2 Rotavirus (NOS)
- 2 Flu (influenza)

Exclusions

- Members who have had an organ and bone marrow transplant
- Members who had a contraindication to a childhood vaccine
- Members in hospice

Using Correct Billing Codes to Identify Childhood Immunizations

Description		Codes			
DTaP	Vaccine Procedure	CPT: 90697, 90698, 90700, 90723		CVX: 20, 50, 106, 107, 110, 120, 146, 198	
	Anaphylaxis	SNOMED: 428281000124107, 428291000124105			
	Encephalitis	SNOMED: 192710009, 192711008, 192712001			
IPV	Vaccine Procedure	CPT: 90697, 90698, 90713, 90723		CVX: 10, 89, 110, 120, 146	
	Anaphylaxis	SNOMED: 471321000124106			
MMR (Measles, Mumps and Rubella)	Vaccine Procedure	CPT: 90707, 90710		CVX: 03, 94	
	History of Measles	ICD10CM: B05.0-B05.4, B05.81, B05.89, B05.9			
	History of Mumps	ICD10CM: B26.0-B26.3, B26.81-B26.85, B26.89, B26.9			
	History of Rubella	ICD10CM: B06.00-B06.02, B06.09, B06.81, B06.82, B06.89, B06.9			
HiB	Anaphylaxis	SNOMED: 471331000124109			
	Vaccine Procedure	CPT: 90644, 90647, 90648, 90697, 90698, 90748		CVX: 17, 46, 47, 48, 49, 50, 51, 120, 146, 148, 198	
Hepatitis A	Anaphylaxis	SNOMED: 433621000124101			
	Vaccine Procedure	CPT: 90633		CVX: 31, 83, 85	
	History of Hepatitis A	ICD10CM: B15.0, B15.9			
Hepatitis B	Vaccine Procedure	CPT: 90697, 90723, 90740, 90744, 90747, 90748	HCPCS: G0010	CVX: 08, 44, 45, 51, 110, 146, 198	ICD-10PCS: 3E0234Z (newborn Hepatitis B vaccine)
	History of Hepatitis B	ICD10CM: B16.0-B16.2, B16.9, B18.0, B18.1, B19.10, B19.11			
	Anaphylaxis	SNOMED: 428321000124101			

Description		Codes			
VZV	Vaccine Procedure	CPT: 90710, 90716		CVX: 21, 94	
	History of Varicella Zoster	ICD10CM: 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			
	Anaphylaxis	SNOMED: 471341000124104			
Pneumococcal Conjugate	Vaccine Procedure	CPT: 90670, 90671, 90677		HCPCS: G0009	CVX: 109, 133, 152, 215, 216
	Anaphylaxis	SNOMED: 471141000124102			
Rotavirus	Vaccine Procedure	ROTARIX 2 dose schedule CPT: 90681	2 dose schedule CPT: 119	RotaTeq 3 dose schedule CPT: 90680	3 dose schedule CPT: 116, 122
	Anaphylaxis	SNOMED: 428331000124103			
Influenza (Flu)	Vaccine Procedure	CPT: 90655, 90656, 90657, 90658, 90660, 90661, 90672, 90674, 90685-90689, 90756		CVX: 88, 111, 140, 141, 149, 150, 153, 158, 161, 171, 186, 320, 333	
	Anaphylaxis	SNOMED: 471361000124100			

How to Improve HEDIS® Scores

- Use the California State Immunization Registry (CAIR) to register immunizations: <https://cair.cdph.ca.gov>.
- Review a child's immunization record before every visit and administer needed vaccines.
- Recommend immunizations to parents. Parents are more likely to agree with vaccinations when they are supported by the provider. Address common misconceptions about vaccinations.
- Have a system for patient reminders. The lowest vaccination rates are seen for rotavirus and influenza. Ensure that the rotavirus vaccination series is completed by 6 months. If children 6 months to 23 months have never received the influenza vaccine, they should receive two (2) doses at least four (4) weeks apart.
- Some vaccines may have been given before the patients were Blue Shield Promise members. Transcribe these vaccinations into CAIR even if your office did not provide the vaccine.
- Request from your Blue Shield Promise Quality Program Manager a list of members who need to complete their childhood immunizations series.

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