



## Childhood Immunization Status (CIS-E)

### CIS-E Measure Description<sup>1</sup>

The percentage of children 2 years of age who had four diphtheria, tetanus and acellular pertussis (DTaP); three polio (IPV); one measles, mumps and rubella (MMR); three haemophilus influenza type B (HiB); three hepatitis B (HepB), one chicken pox (VZV); four pneumococcal conjugate (PCV); one hepatitis A (HepA); two or three rotavirus (RV); and two influenza (flu) vaccines by their second birthday. The measure calculates a rate for each vaccine and three combination rates. This measure follows the CDC Advisory Committee on Immunization Practices (ACIP) guidelines for immunizations.

### Why is CIS-E Important?<sup>1</sup>

Childhood vaccines protect children from a number of serious and potentially life-threatening diseases such as diphtheria, measles, meningitis, polio, tetanus and whooping cough, at a time in their lives when they are most vulnerable to disease. Approximately 300 children in the United States die each year from vaccine preventable diseases.

Immunizations are essential for disease prevention and are a critical aspect of preventable care for children. Vaccination coverage must be maintained in order to prevent a resurgence of vaccine-preventable diseases.

### Best Practices

- ✓ Ensure all claims & encounters data is accurate and submitted in a timely manner.
- ✓ Schedule routine appointments.
- ✓ Schedule next appointment while the patient is in the office.
- ✓ Enter vaccines into the NC Immunization Registry (NCIR).
- ✓ Educate members about the importance of obtaining timely vaccines.
- ✓ Reference the CDC Immunization Vaccine Schedule: <https://www.cdc.gov/vaccines/imz-schedules/index.html>

Numerator Compliance<sup>2</sup>

Rate 1: Combination 7

Members who are numerator compliant for DTaP, IPV, MMR, HiB, hepatitis B, VZV, pneumococcal, hepatitis A and rotavirus indicators.

Rate 2: Combination 10

Members who are numerator compliant for DTaP, IPV, MMR, HiB, hepatitis B, VZV, pneumococcal, hepatitis A, rotavirus and influenza indicators.

Data Collection Method<sup>2</sup>

Administrative (Claims)



Trillium Percentages/NCQA National Averages<sup>1</sup>

CIS-E	Measurement Year	Trillium	NCQA National Average
Rate 1: Childhood Immunization Status Combination 7	2023	-	55.13
	2022	-	-
Rate 2: Childhood Immunization Status Combination 10	2023	29.71	29.05
	2022	-	-

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<sup>1</sup> Source: <https://www.ncqa.org/report-cards/health-plans/state-of-health-care-quality-report/measures-list/>

<sup>2</sup> Source: HEDIS MY 2025 Tech Specs Manual Vol. 2