

CHILDHOOD IMMUNIZATION (COMBO #3)

(2025 MEASURE v04.01.2025)

DESCRIPTION

Children who turned two years of age during the measurement period who had four diphtheria, tetanus and acellular pertussis (DTaP); three polio (IPV); one measles, mumps and rubella (MMR); three H influenza type B (HiB); three hepatitis B (Hep B); one chicken pox (VZV); 4 PCV vaccines; on or before their second birthday.

TARGETS		
Percentile	2025 Threshold	Change from 2024
90 <sup>TH</sup>	86.49%	-0.72%
75 <sup>TH</sup>	82.48%	-1.41%
50 <sup>TH</sup>	77.61%	-1.08%
25 <sup>TH</sup>	70.46%	-1.51%

CHANGES

- Added organ and bone marrow transplants as exclusions

QUALIFICATION (Denominator)

- Patient turned 2 during the measurement period.

SATISFYING THE MEASURE (Numerator)

- Patient had 4 DTaP vaccines administered on or before their 2nd birthday, and at least 42 days after their date of birth OR had anaphylaxis due to the DTaP vaccine  
**AND**
- Patient had 3 IPV vaccines administered on or before their 2nd birthday, and at least 42 days after their date of birth OR had anaphylaxis due to the IPV vaccine  
**AND**
- Patient had 1 MMR vaccine administered on or between their 1st and 2nd birthdays OR had anaphylaxis due to the MMR vaccine  
**OR**
- Patient had at least one measles + rubella vaccination AND either a mumps vaccination or history of mumps before their second birthday  
**OR**
- Patient had a measles vaccination or history of measles AND patient had a mumps vaccination or history of mumps AND patient had a rubella vaccination or history of rubella before their second birthday  
**AND**
- Patient had 3 HiB vaccines administered on or before their 2nd birthday, and at least 42 days after their date of birth OR had anaphylaxis due to the HiB vaccine  
**AND**
- Patient had 3 hepatitis B vaccines administered on or before their 2nd birthday OR had anaphylaxis due to the hepatitis B vaccine  
**OR**
- Patient had a history of hepatitis B before their second birthday  
**AND**
- Patient had 1 VZV vaccine administered on or between their 1st and 2nd birthdays OR had anaphylaxis due to the VZV vaccine  
**OR**
- Patient had a history of varicella zoster before their 2nd birthday  
**AND**
- Patient had 4 PCV vaccines administered on or before their 2nd birthday, and at least 42 days after their date of birth OR had anaphylaxis due to the PCV vaccine

EXCLUSIONS / EXCEPTIONS

One of the following is needed:

- Patient had evidence of contraindication to a vaccine before their second birthday
- Patient had an organ or bone marrow transplant before their second birthday
- Patient had encephalopathy due to vaccination and a vaccine causing an adverse effect recorded on the same date before their second birthday.
- Patient had a disorder of the immune system before their second birthday.
- Patient had a diagnosis of lymphoreticular cancer, multiple myeloma, or leukemia before their second birthday.
- Patient has severe combined immunodeficiency or intussusception.
- Patient in hospice or using hospice services anytime during the measurement year are a required exclusion
- Patients who died during the measurement year

INCLUSION CRITERIA

- All active patients.