

CHILDHOOD IMMUNIZATION (COMBO #3) (2024 MEASURE v02.02.2024)

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	2024 Threshold	Change from 2023
90 TH	87.21%	+0.17%
75 TH	83.89%	+0.38%
50 TH	78.69%	+0.25%
25 TH	71.97%	+1.74%

CHANGES

- Added anaphylaxis as a satisfier for each individual vaccine
- Added a required exclusion for patients who died during the measurement year.

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 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.