



Adolescent Immunizations

November 2020

Measure Description

The percentage of adolescents 13 years of age who had one dose of meningococcal conjugate vaccine, one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap), and have completed the human papillomavirus (HPV) vaccine series by their 13th birthday. The measure calculates a rate for each vaccine and two combination rates.

Evaluation Period

Calendar Year

Numerator

For meningococcal conjugate and Tdap, and HPV, count only evidence of the antigen or combination vaccine.

Condition Description	# Event	Detailed Criteria
<i>Meningococcal</i> One meningococcal conjugate vaccine on or between the 11th and 13th birthdays	1	CPT 90644, 90734
<i>Tdap</i> At least one tetanus, diphtheria toxoids and acellular pertussis (Tdap) vaccine with a date of service on or between the patient's 10th and 13th birthdays.	1	CPT 90715
At least two HPV vaccines with dates of service at least 146 days apart on or between the member's 9th and 13th birthdays. OR At least three HPV vaccines with different dates of service on or between the member's 9th and 13th birthdays.	1	CPT 90649, 90650, 90651



Two Rates are Reported:

- *Combination 1* (Meningococcal, Tdap) Adolescents who are compliant for both the meningococcal conjugate and Tdap indicators.
- *Combination 2* (Meningococcal, Tdap, HPV) Adolescents who are numerator compliant for all three indicators (meningococcal, Tdap, HPV).

Denominator

Adolescents 13 years of age who had one dose of meningococcal conjugate vaccine, one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap), and three doses of the human papillomavirus (HPV) vaccine by their 13th birthday.

Denominator Exclusions

Exclude adolescents who had a contraindication for a specific vaccine from the denominator for all antigen rates and the combination rates. The denominator for all rates must be the same. Contraindicated adolescents may be excluded only if administrative data do not indicate that the contraindicated immunization was rendered. Either of the following meet exclusion criteria:

Condition Description	# Event	Detailed Criteria
Anaphylactic reaction to the vaccine or its components any time on or before the patient's 13th birthday	1	ICD-9 Code (999.4)
Anaphylactic reaction to the vaccine or its components with a date of service prior to October 1, 2011.	1	ICD-10CM Codes (T80.52XA, T80.52XD, T80.52XS) ICD-9CM Code (999.42)
Tdap Only: Encephalopathy with vaccine adverse-effect code anytime on or before the patient's 13 th birthday	1	ICD-10CM Code (G04.32) ICD-9CM Code (323.51)

Notes

- Measure Steward is NCQA

