Measure 6: Adolescent Immunization Status
National Committee for Quality Assurance

A. DESCRIPTION

The percentage of adolescents that turned 13 years old during the measurement year and had one dose of meningococcal vaccine and one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) by their 13th birthday. The measure calculates a rate for each vaccine and one combination rate.

Guidance for Reporting:
- When no sampling methods are involved, claims or registry data may be used together or alone to obtain immunization records for the entire eligible population (all Medicaid and CHIP-enrolled adolescents who turned 13 years old during the reporting year).
- If the state uses the hybrid method in which immunization data are obtained for a sample of the eligible population, seek any immunizations missing from claims or registry data from medical records.
- Include all paid, suspended, pending, reversed, and denied claims.

B. ELIGIBLE POPULATION

<table>
<thead>
<tr>
<th>Age</th>
<th>Adolescents who turn 13 years old during the measurement year.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous enrollment</td>
<td>12 months prior to the child’s 13th birthday.</td>
</tr>
<tr>
<td>Allowable gap</td>
<td>No more than one gap in enrollment of up to 45 days during the 12 months prior to the 13th birthday. To determine continuous enrollment for a Medicaid/CHIP beneficiary for whom enrollment is verified monthly, the child may not have more than a 1-month gap in coverage (i.e., a child whose coverage lapses for 2 months (60 days) is not continuously enrolled.</td>
</tr>
<tr>
<td>Anchor date</td>
<td>Enrolled on the child’s 13th birthday.</td>
</tr>
<tr>
<td>Benefit</td>
<td>Medical</td>
</tr>
<tr>
<td>Event/Diagnosis</td>
<td>None.</td>
</tr>
</tbody>
</table>

C. DATA SOURCE

C.1 – Administrative Data Specifications

Denominator

The eligible population.

Numerators

For meningococcal and Tdap or Td, count only evidence of the antigen or combination vaccine.
• Meningococcal: One meningococcal conjugate or meningococcal polysaccharide vaccine on or between the child’s 11th and 13th birthdays.

• Tdap/Td: One tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) on or between the child’s 10th and 13th birthdays.

• Combination 1 (Meningococcal, Tdap/Td): Children who received one meningococcal vaccine on or between their 11th and 13th birthday and one tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap) or one tetanus, diphtheria toxoids vaccine (Td) on or between the child’s 10th and 13th birthdays.

Table 6.1. Codes to Identify Adolescent Immunizations

<table>
<thead>
<tr>
<th>Immunization</th>
<th>CPT</th>
<th>ICD-9-CM Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meningococcal</td>
<td>90733, 90734</td>
<td></td>
</tr>
<tr>
<td>Tdap</td>
<td>90715</td>
<td>99.39</td>
</tr>
<tr>
<td>Td</td>
<td>90714, 90718</td>
<td></td>
</tr>
<tr>
<td>Tetanus</td>
<td>90703</td>
<td>99.38</td>
</tr>
<tr>
<td>Diphtheria</td>
<td>90719</td>
<td>99.36</td>
</tr>
</tbody>
</table>

Source: Refer to Table IMA-A in HEDIS specifications (2012 version).

Exclusion (optional)

Exclude adolescents who had a contraindication for a specific vaccine from the denominator for all antigen rates and the combination rate. 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.

The exclusion must have occurred by the child’s 13th birthday. Look for exclusions as far back as possible in the member’s history and use the codes in Table 6.2 to identify exclusions.

Table 6.2. Codes to Identify Exclusions

<table>
<thead>
<tr>
<th>Immunization</th>
<th>Description</th>
<th>ICD-9-CM Diagnosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any particular vaccine</td>
<td>Anaphylactic reaction to the vaccine or its components</td>
<td>999.4</td>
</tr>
</tbody>
</table>

Source: Refer to Table IMA-B in HEDIS specifications (2012 version).
C.2 – Hybrid Data Specifications

Denominator

A systematic sample drawn from the eligible population.

Numerator

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

Administrative

Refer to Administrative Specification to identify positive numerator hits from the administrative data

Medical Record

For immunization information obtained from the medical record, children may be counted where there is evidence that the antigen was rendered from:

- A note indicating the name of the specific antigen and the date of the immunization, or
- A certificate of immunization prepared by an authorized health care provider or agency, including the specific dates and types of immunizations administered.

Exclusion (optional)

Refer to Administrative Specification for exclusion criteria. The exclusion must have occurred by the child’s 13th birthday.

D. ADDITIONAL NOTES

NCQA follows the CDC and ACIP guidelines for immunizations. HEDIS implements the guidelines (e.g., new vaccine recommendations) after three years to account for the measure’s look-back period and to allow the industry time to adapt to the new guidelines.