

## Quality Measure Resource Guide: Adolescent Immunizations

### Measure Title: Adolescent Immunization Status

#### Measure Description:

This measure assesses the percentage of adolescents who receive all recommended vaccines as per the CDC immunization schedule by their 18th birthday.

#### Why This Measure Matters:

This measure is crucial because it tracks vaccination coverage among adolescents, ensuring they are protected against vaccine-preventable diseases, thus supporting public health and reducing healthcare costs. High compliance with this measure indicates effective healthcare delivery and contributes to greater community health and safety.

#### Implementable Strategies

##### 1. Regular Audits of Immunization Records:

- Ensure completeness and accuracy of immunization records for adolescents.
- Conduct periodic reviews to identify gaps and implement corrective actions.

##### 2. Educational Outreach Programs:

- Educate parents and adolescents about the importance and safety of vaccinations.
- Distribute educational materials and host informational sessions to promote vaccine acceptance.

##### 3. Reminder and Recall Systems:

- Implement systems to send reminders for upcoming vaccinations and recalls for missed doses.
- Utilize electronic health records to automate reminders and track vaccination schedules.

#### Tools and Resources

- **CDC's Official Immunization Schedule:** [CDC Immunization Schedules](#)
- **Access to Immunization Information System (IIS):** [CDC IIS Program](#)
- **Educational Materials for Parents and Adolescents:** [CDC Vaccine Information](#)

#### Evaluation Criteria

#### Eligible Clinicians:

- Pediatricians
- Family Medicine Practitioners
- Nurse Practitioners

- Physician Assistants specializing in pediatrics

**Measure Reporting:**

- **Submission Methods:** Electronic Health Record (EHR), Registry

**Numerator:**

- Number of adolescents who have evidence of receiving all the recommended vaccines by their 18th birthday:
  - 1 dose of Meningococcal conjugate (MenACWY)
  - 1 dose of Tetanus, Diphtheria, and acellular Pertussis (Tdap)
  - 2 doses of Human Papillomavirus (HPV) vaccine
  - Annual Influenza (Flu) vaccine

**Denominator:**

- All adolescents who turn 18 years of age during the measurement period.

**Exclusions:**

- Adolescents with medical contraindications for receiving vaccines as documented in their medical records.

**Rate Calculation:**

- **Formula:**  $(\text{Numerator} / \text{Denominator}) \times 100$

**Reporting Requirements:**

- **Data Collection Strategy:** Data for this measure can be derived from electronic health records, state or regional immunization information systems, or direct data submissions from healthcare providers.
- **Reporting Frequency:** Annually

**Improvement Notation:**

Higher scores indicate better performance, i.e., a higher percentage of adolescents fully immunized by their 18th birthday.