# IT-12.11: Human Papillomavirus Vaccine (HPV) for Adolescents

| **Measure Title** | **IT-12.11 Human Papillomavirus Vaccine (HPV) for Adolescents** |
| --- | --- |
| **Description** | Percentage of adolescents 13 years of age who had three doses of the human papillomavirus (HPV) vaccine by their 13th birthday. |
| **NQF Number** | 1959 |
| **Measure Steward** | National Committee for Quality Assurance |
| **Link to measure citation** | <http://www.qualityforum.org/QPS/1959>  http://www.qualitymeasures.ahrq.gov/content.aspx?id=47138&search=human+papillomavirus+vaccine  Original measure specifications:  <http://www.ncqa.org/portals/0/Immunizations%20for%20Adolescents.pdf> |
| **Measure type** | Non Stand-Alone (NSA) |
| **Performance and Achievement Type** | Pay for Performance (P4P) - QSMIC   |  |  |  |  | | --- | --- | --- | --- | |  | Baseline | DY4 | DY5 | | Achievement Level Calculations | Baseline below MPL | MPL | MPL + 10%\* (HPL-MPL) | | Baseline above MPL | Baseline + 10%\*(HPL - Baseline) | Baseline + 20%\*(HPL - Baseline) | |
| **Benchmark Description** | |  |  | | --- | --- | | NCQA Accreditation Benchmarks and Thresholds | | | HPL (90th Percentile) | 44.7% | | | MPL (25th Percentile) or 10th if applicable | 18.3% | | |
| **DSRIP-specific modifications to Measure Steward’s specification** | The Measure Steward’s specification has been modified as follows:   * Removed specification limiting measure to females only * Changed member to patient |
| **Denominator Description** | Adolescents who turned 13 years of age during the measurement year. |
| **Denominator Inclusions** | The Measure Steward does not identify specific denominator inclusions beyond what is described in the denominator description. |
| **Denominator Exclusions** | Adolescents who had a contraindication for the human papillomavirus (HPV) vaccine.  The exclusion must have occurred by the patient’s 13th birthday. Look for exclusions as far back as possible in the patient’s history and use the codes in Table IMA-B of the original measure documentation to identify exclusions. (Refer to hyperlink to original measure specifications above to access Table IMA-B. |
| **Denominator Size** | Providers must report a minimum of 30 cases per measure during a 12-month measurement period (15 cases for a 6-month measurement period)   * For a measurement period (either 6 or 12 months) where the denominator size is less than or equal to 75, providers must report on all cases. No sampling is allowed. * For a measurement period (either 6 or 12 months) where the denominator size is less than or equal to 380 but greater than 75, providers must report on all cases (preferred, particularly for providers using an electronic health record) or a random sample of not less than 76 cases. * For a measurement period (either 6 or 12-months) where the denominator size is greater than 380, providers must report on all cases (preferred, particularly for providers using an electronic health record) or a random sample of cases that is not less than 20% of all cases; however, providers may cap the total sample size at 300 cases. |
| **Numerator Description** | Adolescents who had at least three doses of the human papillomavirus (HPV) vaccine between their 9th and 13th birthdays. |
| **Numerator Inclusions** | At least three human papillomavirus (HPV) vaccinations, with different dates of service, on or between the member's 9th and 13th birthdays. Refer to Table HPV-A in the original measure documentation for codes to identify HPV immunization for female adolescents. Refer to hyperlink to original measure specifications above to access Table IMA-B. |
| **Numerator Exclusions** | HPV vaccines administered prior to a member's 9th birthday cannot be counted. |
| **Setting** | Ambulatory |
| **Data Source** | Administrative/Clinical Data; Paper Medical Records |
| **Allowable Denominator Sub-sets** | All denominator subsets are permissible for this outcome |