

Quarterly Measure	Type	Calculation	Target
13 year old HPV Completion Rate (2015 CCP baseline =25%)	Outcome Measure A	Practice's percentage of active CCP patients turning 13 in 2016* who receive at least three doses of the HPV vaccine on or before their 13th birthday  *cumulative cycles	5% above the practice's 2015 baseline vaccination rate, by the end of 2016
13-18 year old HPV Completion Rate (2015 CCP baseline =50%)	Outcome Measure B	Practice's percentage of active CCP patients turning 13-18 in 2016* who receive at least three doses of the HPV vaccine on or before their 18 <sup>th</sup> birthday  *cumulative cycles	5% above the practice's 2015 baseline vaccination rate, by the end of 2016
Number of HPV shots administered ages 9-12 (CCP 2015 baseline =3806 shots)	Process Measure C	Number of provider-ordered HPV shots administered in the cycle to patients turning 9-12 in 2016; organization, practice, and individual physician levels	10% more than the individual physician's 2015 baseline, by the end of 2016
Number of HPV shots administered ages 13-18 (2015 CCP baseline =11065 shots)	Process Measure D	Number of provider-ordered HPV shots administered in the cycle to patients turning 13-18 in 2016; organization, practice, and individual physician levels	10% more than the individual physician's 2015 baseline, by the end of 2016
HPV Vaccine-Related Adverse Events (2015 CCP baseline =2)	Balancing	Total number of reported adverse events in the cycle related to HPV vaccine (syncope, etc.)	Less than 2 events per 5000 shots administered (Riskmaster data)
HPV Vaccine-Related Error Incidents (2015 CCP baseline =13)	Balancing	Total number of incidents in the cycle in which patients received >3 HPV vaccinations	10% less than the 2015 baseline measure, by the end of 2016