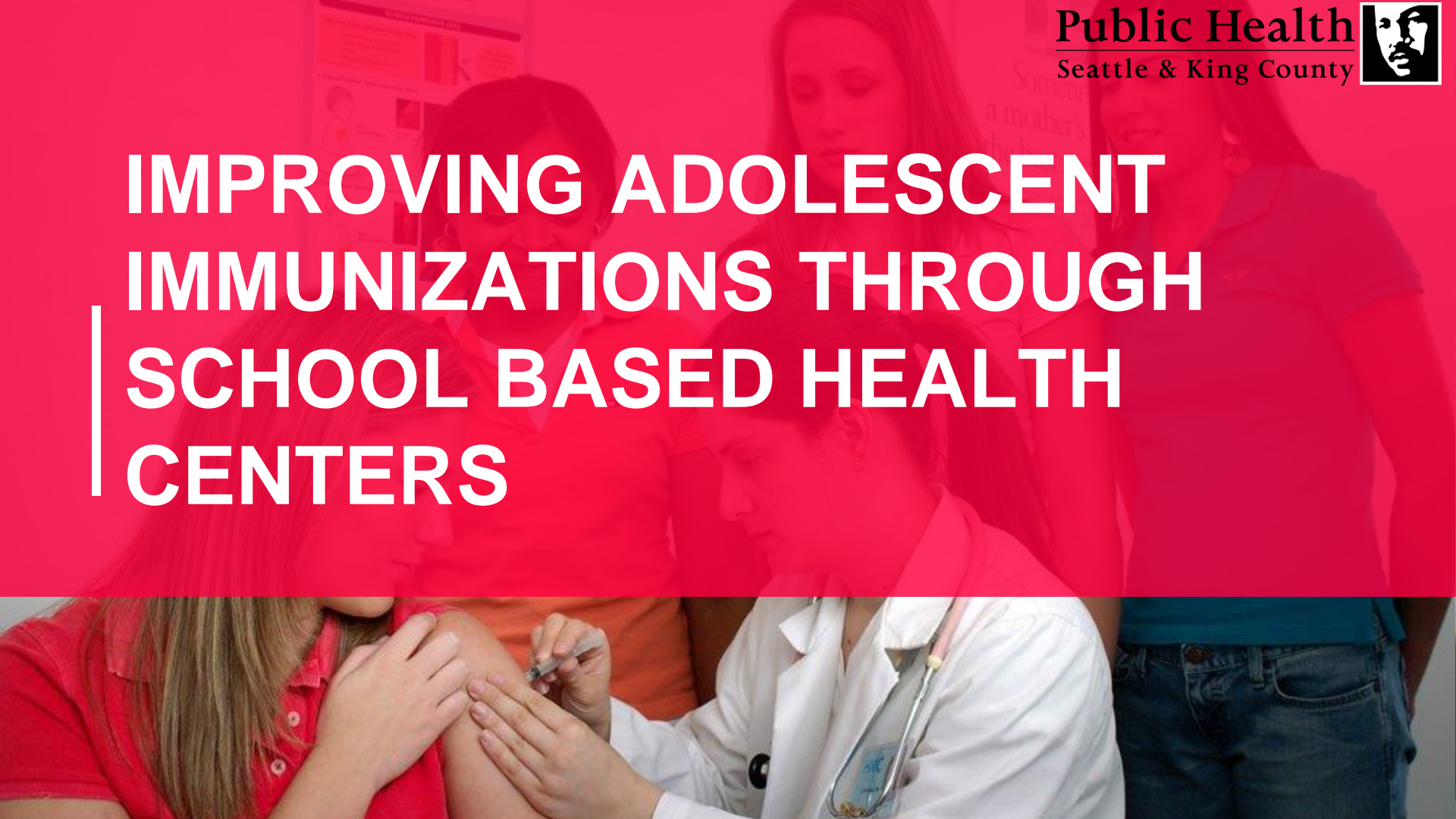




IMPROVING ADOLESCENT IMMUNIZATIONS THROUGH SCHOOL BASED HEALTH CENTERS



School Based Health Centers in King County

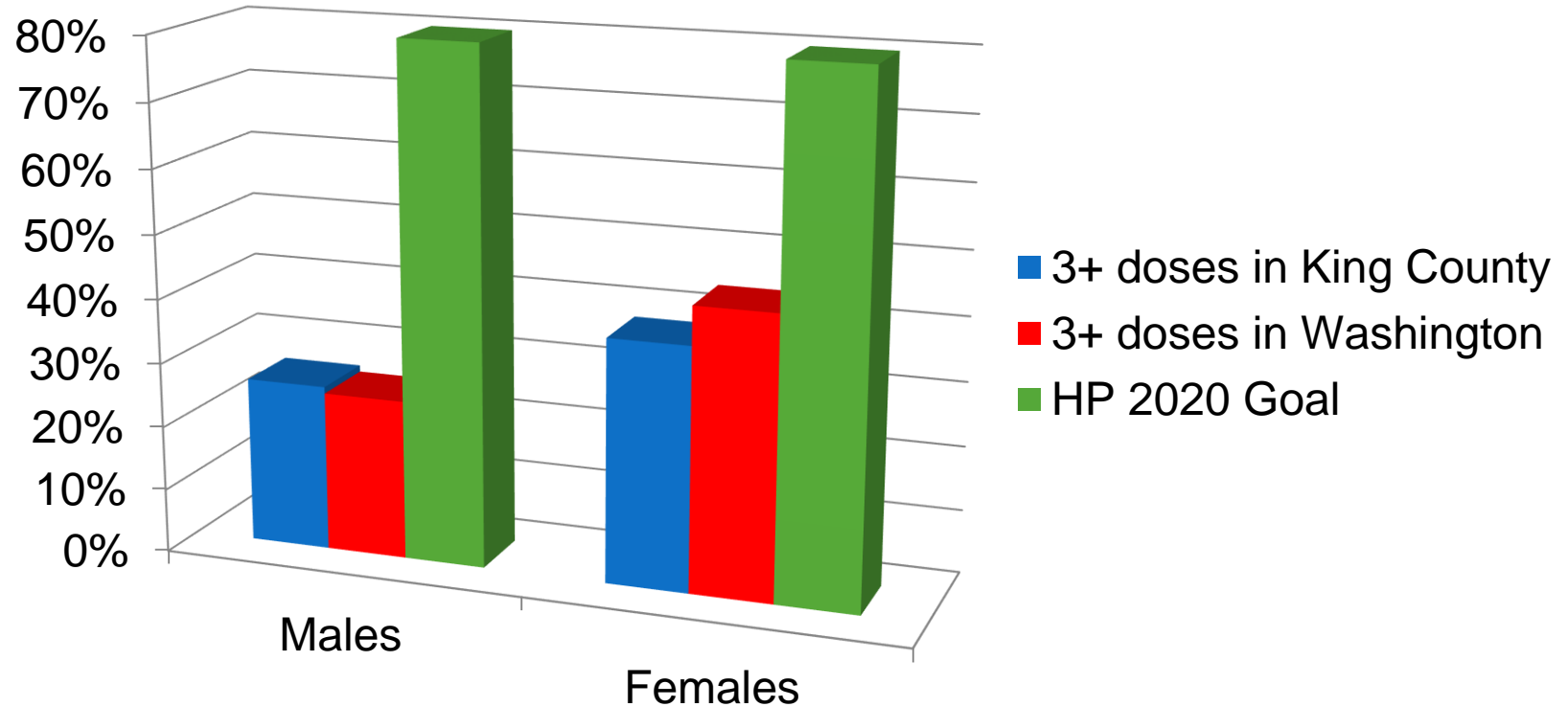
- Preventive healthcare
- Primary and acute health care assessment, diagnosis, treatment and referral
- Standardized behavioral and health risk assessments
- Mental and behavioral health interventions, including both individual and group therapeutic models
 - 25 schools in Seattle
 - 2 Highline School District
 - 3 Issaquah (mental health only)
- Medical evaluation and interventions
- Care Coordination with providers and families
- Dental Care

Expansion with Best Starts for Kids?

Vaccination opportunities

- Primary Care
 - Well Child Exams
 - Sports Physicals
 - Contraceptive visits
-
- ▶ **37% of all medical visits to SBHC include at least one vaccine.**
 - ▶ **More than 6000 students brought into compliance with partnership of SBHC and school nurses.**
 - ▶ *Reduction of vaccine hesitancy?*

King County HPV Vaccine Coverage



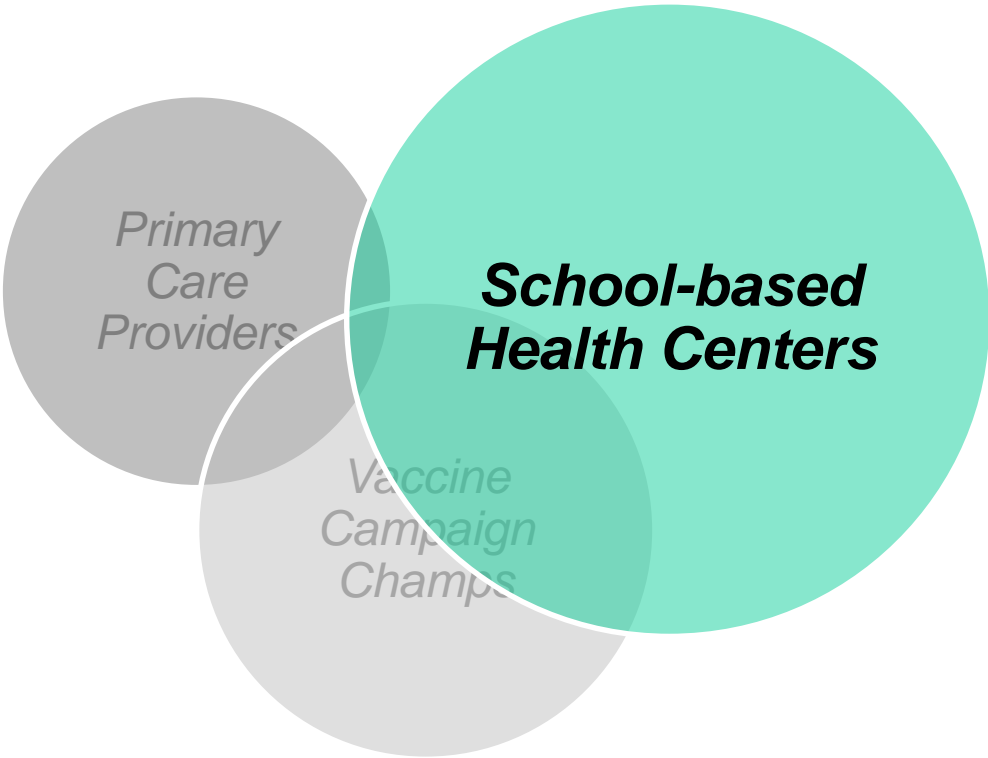
Improving Coverage

- School-based Health Centers (SBHCs) in Seattle provide health services to adolescents and are highly accessible. We can improve coverage by achieving these objectives:

1. **Simplify access** to immunization services through improved consent processes
2. **Increase awareness** among students and their families regarding the importance and benefits of HPV vaccine, the risks associated with HPV infection, and services of the SBHC
3. **Increase referrals** from primary care providers back to SBHCs to improve vaccine series completion rates

Improving Coverage

- This project is a part of a nation wide effort to increase coverage to 80% set by HP 2020
- Funded in part by the Group Health Foundation
- Partnership with 7 SBHC sponsor organizations: Public Health, Odessa Brown, Group Health, Swedish & Neighborcare
- Other external support from the Immunization Action Coalition of Washington's HPV Taskforce
- Internal support form Community Health Partnerships (CHP) and School-Based Partnerships (SBP)
- Project team consists of 1 Program Manager, 2 PHNs, 2 Health Educators, & 1 UW PhD student



- Objective 1: *Simplify access ...improved consent*
- Partnering with 7 schools Rainier, NH, Garfield, WMS, Ingraham, Cleveland, Ballard
- Promo materials and DocuSign
- Help inform clinical goals with data

HPV Vaccine Reminder!
Protect yourself! **Get all 3 doses.**

1st _____
Date of 1st dose

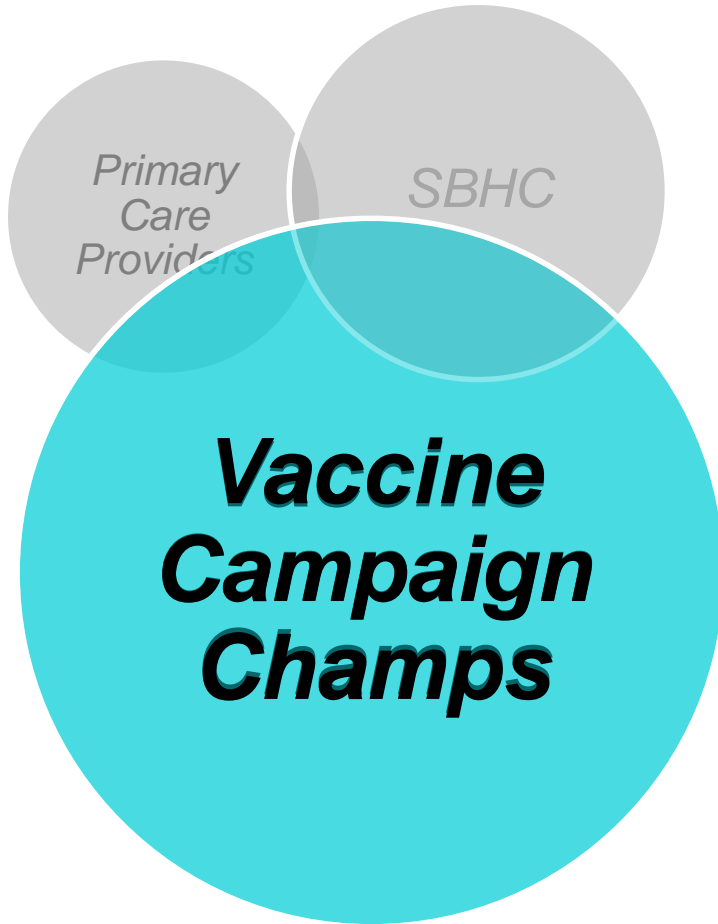
2nd _____
1-2 months after 1st dose

3rd _____
6 months after 1st dose

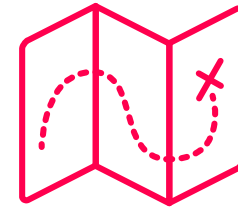
_____ Clinic Phone #

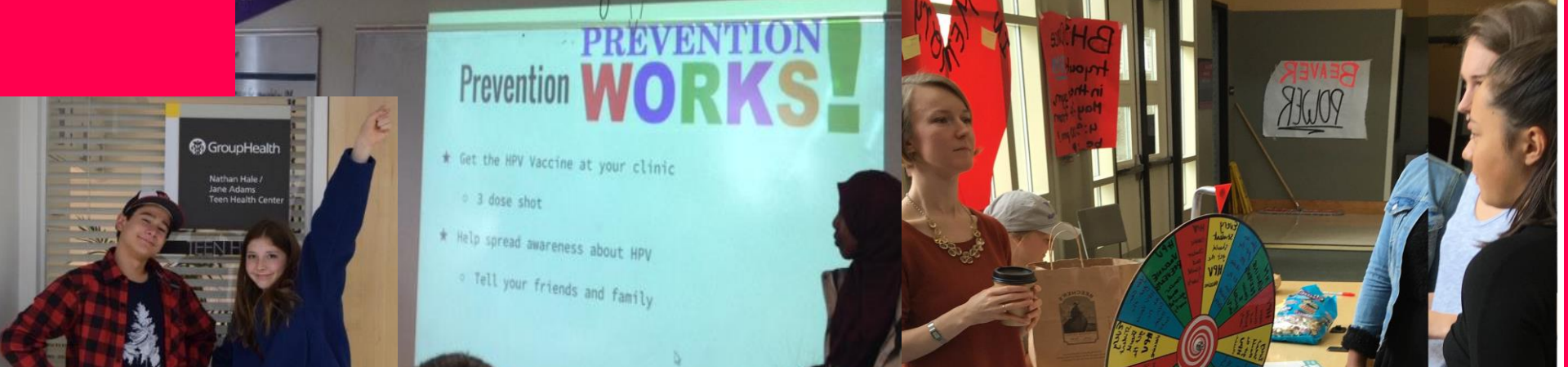
*Did you know?
Your school health center
can give HPV vaccine too!*





- Objective: *increase awareness*
- Recruit students, parents, faculty to promote HPV vaccination at the SBHC
- PH provides toolkit, guidance, and small budget





PREVENTION WORKS!

- ★ Get the HPV Vaccine at your clinic
 - 3 dose shot
- ★ Help spread awareness about HPV
 - Tell your friends and family

GroupHealth
Nathan Hale / Jane Adams Teen Health Center

HPV vaccine campaign launches THC encourages students to get crucial vaccine series

Tess Harstrick
Editor-In-Chief

Upon entering high school, all students are required to get a round of vaccines that remain crucial throughout their four years. Protecting against various illnesses like Polio, Tetanus and Hepatitis B, students must have these before going to school in Washington state.

However, these requirements lack the human papillomavirus infection (HPV) vaccine series. While not required, the vaccine protects against various kinds of cancer, including cervical, mouth and throat, anal and penile, as well as ailments like genital warts. HPV is a sexually transmitted disease, and its effectiveness hinges on when the vaccine series was begun and whether or not the series was completed.

“A lot of folks don’t know about the vaccine, they don’t know how valuable it is they don’t know how it’s really valuable for them,” said Kaetlin Miller, King County Public Health employee. “We have an interesting challenge, where students don’t have to get it to school, but it’s really valuable if they do.” Miller hopes to combat lack of knowledge about the HPV vaccine and to get more students to begin or



Students can get the HPV vaccine at the THC, in a series of three doses spread over eight months. While not a requirement for high school entry, the vaccine can be life saving. The school hopes to help increase the percent of minors who have received it, from the current number of 30-50 percent to the national goal of 80 percent. (Chelsea Leingang)

advocates for their cause. Volunteers would get community service hours, which are a graduation requirement, and build their resumes, especially attractive for those who want to work in social work or a medical field.

“The national goal in the U.S. for vaccination is 80 percent of boys and girls vaccinated for HPV. Right now, we’re not even in the ballpark,” Miller

has gotten one or two shots and not completed the series.

“In the U.S. every 20 minutes of every day somebody dies of an HPV related cancer,” Miller says. “I’ve got to that 80 percent, I want to know how many cancers we can prevent, years down the road.”

Miller and those who worked on the project have developed a tool kit for students who want to get involved. The program is active at other high schools in King County such as Ingraham, Garfield, the Nova Project, Rainier Beach, Nathan Hale and Cleveland. Nathan Hale High School is particularly notable as the school has been hosting posters and hosting

such as Vaccine Week to encourage students to get vaccinated.

The series is given in three doses, with the first given at the start of the school year, two months apart, and the third following two months after. The vaccine is free at the THC as well as for all public high schools in the Seattle Public School District. Anyone from 11 to 26 years old can get the vaccine, making high school

Human Papilloma Virus (HPV)

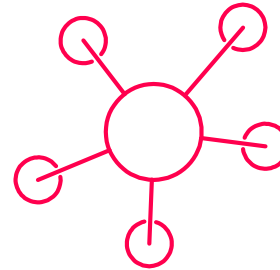


**Primary
Care
Providers**

SBHC

Vaccine
Campaign
Champs

- Objective: *increase referrals and linkage to SBHC*
- Highly influential in the decision to vaccinate
- PH provides HPV vaccine promo materials and
- brief presentations about SBHCs



**Enroll in your local school health center
to finish the HPV vaccine series!**

Students enrolled in health centers at these King County schools can get the HPV vaccine there. Other vaccines and a full range of primary care services are available, as well.

K-5 Schools

- Bailey Gatzert
- Beacon Hill
- Dearborn Park
- Highland Park
- Madrona
- Roxhill
- Van Asselt
- West Seattle

Middle Schools

- Aki Kurose
- Denny
- Madison
- Madrona
- Mercer
- Washington

High Schools

- Ballard
- Chief Sealth
- Cleveland
- Evergreen
- Franklin
- Garfield/Nova
- Ingraham
- Interagency
- Kent Phoenix Academy
- Nathan Hale
- Rainier Beach/South Lake
- Roosevelt
- Seattle World School
- Tyee Campus
- West Seattle

HPV Vaccine Reminder!
Protect yourself!! **Get all 3 doses.**

1st _____ Date of 1st dose

2nd _____ 1-2 months after 1st dose

3rd _____ 6 months after 1st dose

Did you know? Your school health center can give HPV vaccine too!

Clinic Phone #

www.kingcounty.gov/schoolhealth

“

I'm going to work with our nurse-manager to make sure we have a process to promote and connect with the school-based health centers for follow-up vaccines. ”

Milestones



- **Connected with over 200 PCP at 18 sites**
- **Feedback is positive, and early commitment is strong**



- **DocuSign implemented at all sites**
- **21 adolescents consented for HPV + other vaccines via DocuSign**



- **Campaign activities at all sites**
- **Student led events at 3 schools**
- **Reports of vaccination as direct result of campaign**

Impact

Odds of School Based Health Center users completing HPV series were roughly 50% higher compared to non-users.

Next Steps: Evaluate and Expand

Evaluate



- Funding from GH Foundation allowed us to partner with CCHE to evaluate our project

Expand



- Happy to have Neighborcare add 6 new SBHCs to the project in 2016-17
- Expand DocuSign to 2 more GH sponsored SBHCs