

Cowboy Up

Increasing HPV vaccination initiation and completion in male students in Douglas, Wyoming

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Purpose

This project aims to increase Human Papillomavirus (HPV) vaccination uptake in adolescent males (ages 11-14) in Douglas, Wyoming.



Background

- Douglas is a small town of 6,000.
- The community is strongly influenced by the oil and mining industries.
- The county is served by two providers registered with the Vaccine For Children (VFC) program and the Wyoming Vaccinates Important People (WyVIP) program.
- According to the National Immunization Survey, in the latest data (2014) only 12.2% of males ages 13-17 in Wyoming had at least three doses of the HPV vaccine, significantly lower than the national average of 21.6%.
- 9,300 men are affected by HPV related cancers each year.

Methods

- A literature search was completed to study the best community based intervention.
 - School center vaccination event
 - 6% of eligible girls participated
 - 80% completed the series
- Determined that hosting a similar series of three events could increase the rate of vaccination in the target population.
 - Eligible adolescent males accompanied by their parents
 - Appropriate time intervals

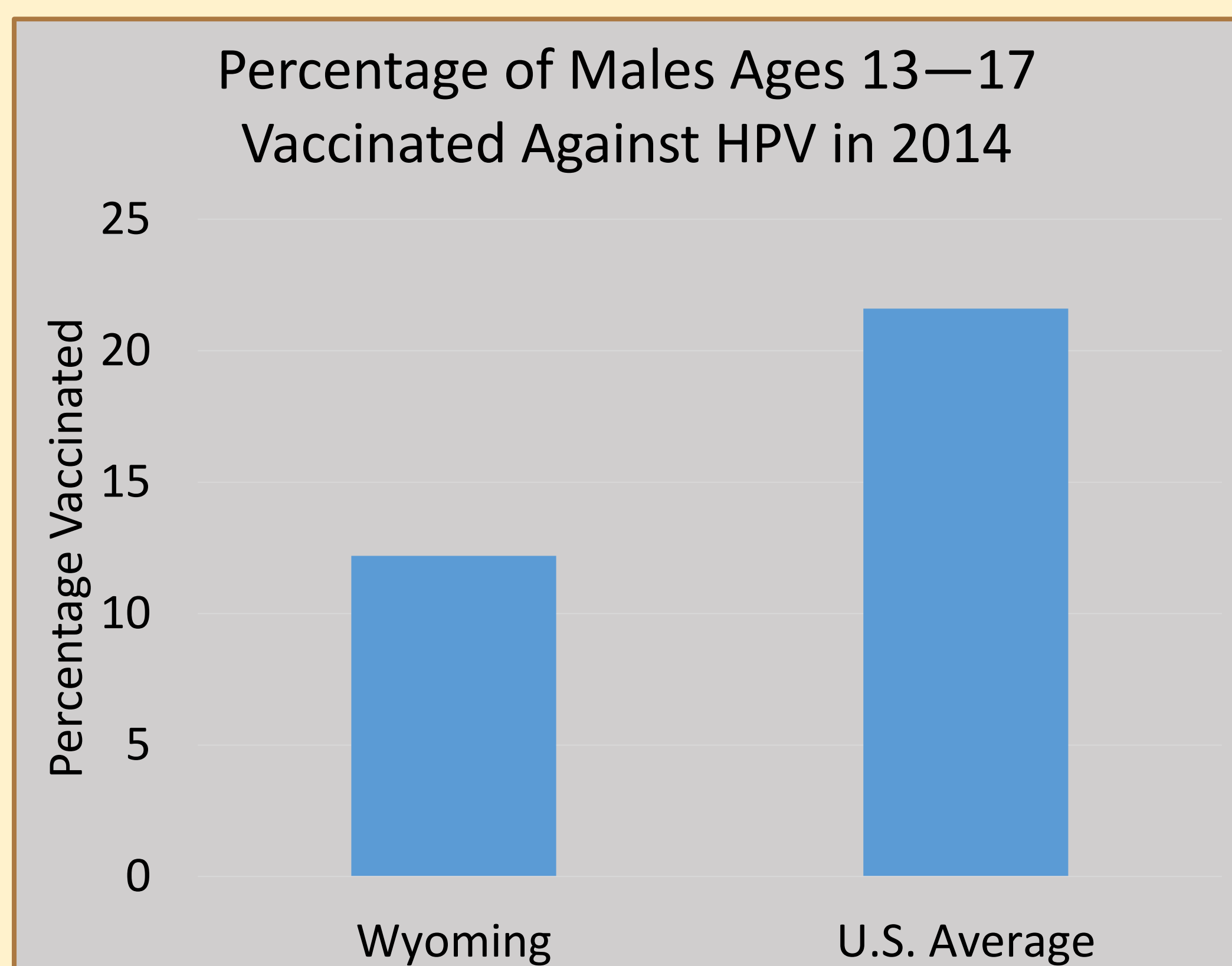


Results

- Plan was discussed with nurses at both registered VFC/WyVIP clinics.
- Future plans
 - Open discussions with Douglas Middle School

Discussion

- Benefits
 - Potential to reach many students at once
 - Ensure that vaccines are given at the correct time intervals
 - Opportunity for sex education
- Challenges
 - Budget
 - Time



Rate of HPV vaccination in males in Wyoming compared to the national average