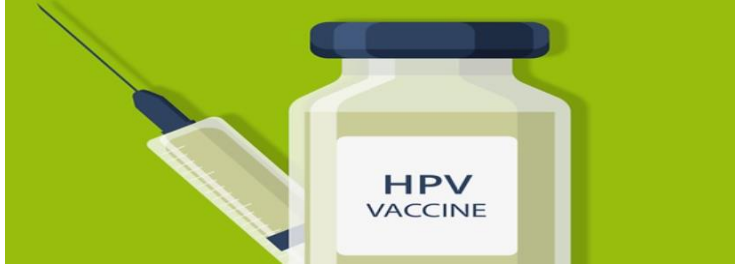
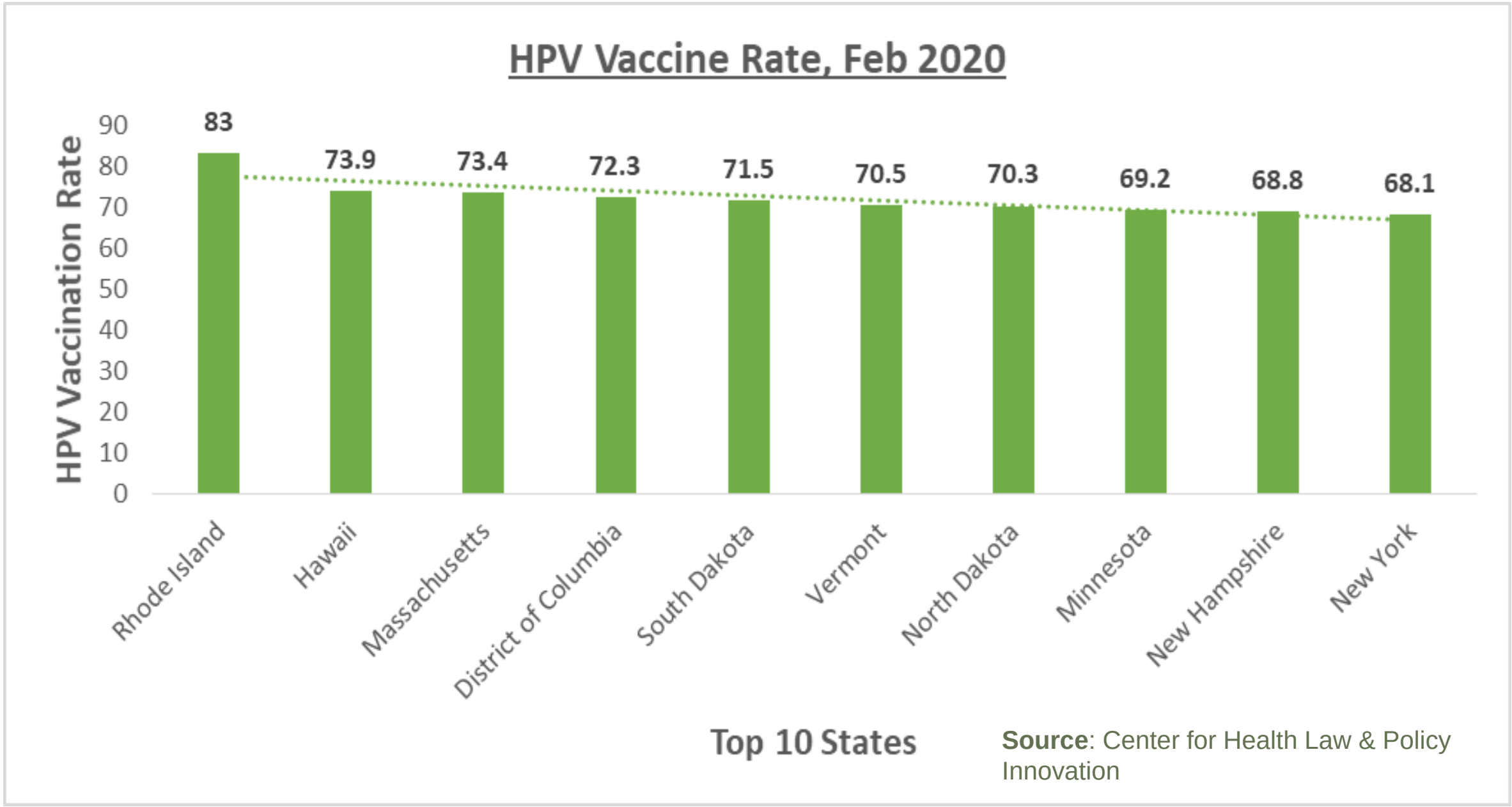
Optimizing HPV Vaccination Coverage Through Targeted School Health Policies in the United States.

Presented by;
Miltone Awiti
Oscar Odera

INTRODUCTION



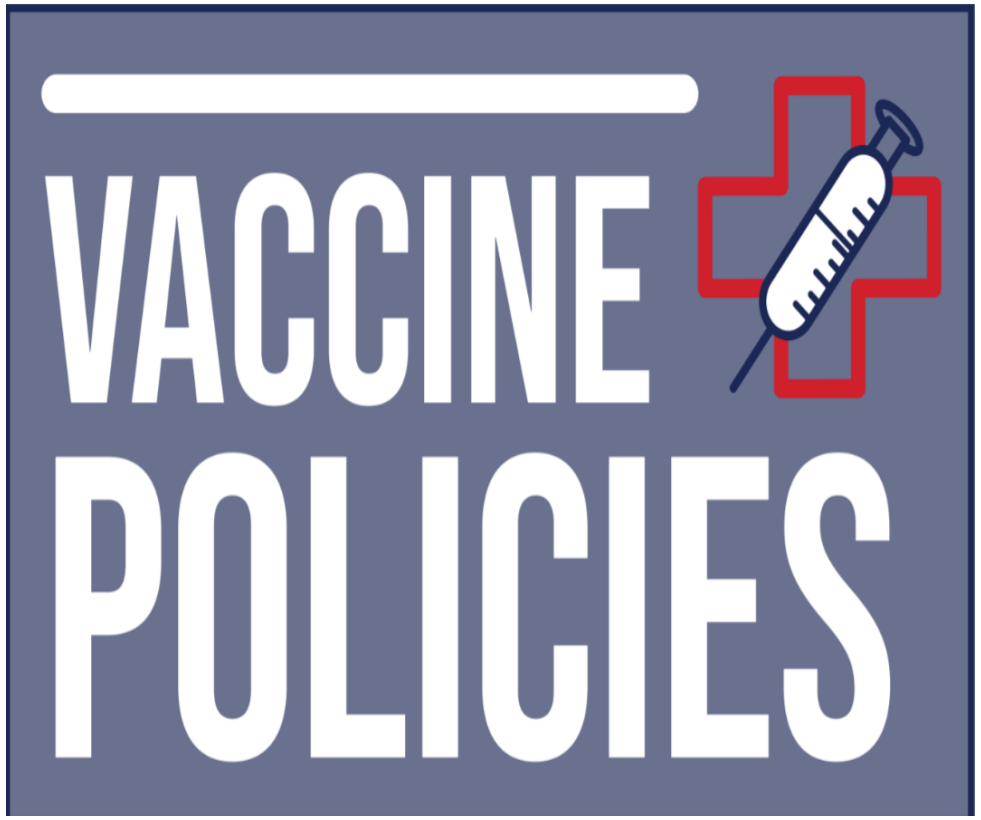
- The Human Papillomavirus (HPV) is the most predominant among sexually transmitted diseases, with serious implications for women's health worldwide.
- Even with the availability of effective vaccines, the rate of HPV vaccination remains a challenge among young school-aged girls in the United States, pointing to the need for specialized and targeted public health strategies.
- This study reviewed existing literature and found out that states with HPV school vaccination policies e.g. Rhode Island, Virginia and D.C have done considerably well in optimizing vaccination coverage with Rhode Island leading the park at 83% of adolescent girls having received HPV vaccines.



Source: Center for Health Law & Policy Innovation

States With HPV Vaccination Requirements for Secondary Schools, March

Impact to the Population/Public Health Field



- Health Impact
- Economic Impact
- Educational Impact
- Social Impact/Safety net
- Equity Impact
- Long-Term Impact

Challenges associated with the chosen research area topic

- Parental Consent Requirements
- Lack of Education and Awareness on the effects of HPV
- Stigma and Misinformation
- Vaccine inaccessibility and Inequity
- Opt-out Provisions
- Cultural and Barriers

Related work by others conducting research in this area

1. "Increasing HPV vaccination coverage through provider-based interventions" by Gilkey et al. This study explores the effectiveness of provider-based interventions, such as reminders and recalls, in improving HPV vaccination rates among adolescents. It compares different strategies and their impact on vaccination coverage.

2. . "Using GIS mapping to target public health interventions: Examining disparities in HPV vaccination coverage among adolescents in the United States" by Smith et al. This study utilizes Geographic Information Systems (GIS) mapping to identify geographical areas with low HPV vaccination coverage among adolescents. It highlights the potential of targeted interventions in addressing disparities in vaccination uptake.

3."The role of school-based health centers in promoting HPV vaccination: A systematic review" by Patel et al. This systematic review evaluates the effectiveness of school-based health centers in promoting HPV vaccination uptake. It synthesizes evidence from various studies to assess the impact of different interventions implemented in school settings.

Opportunities for new areas of research

- Policy Evaluation
- Addressing vaccine inequity
- Technology Integration
- Parent and Community Engagement

1. Enactment of a nationwide policy that mandates schools to have HPV vaccination requirement during admission.
   - The Federal government should allocate a substantial amount of funding to facilitate HPV vaccine manufacturing and distribution to schools.
   - Conducting campaigns targeted at students, parents and educator to increase awareness of the impacts of HPV vaccination and addressing myths and misconceptions about the vaccine.

Overall assessment and conclusion of this topic

Targeted school health policies can greatly improve HPV vaccination rates among adolescents and young adults. These policies can influence the uptake of vaccines and help avert HPV-related diseases by overcoming hindrances to access and incorporating the school system's infrastructure. However, continuous studies and collaborations are essential to guarantee that these efforts are effectively promoting population health and are decreasing the impact of HPV infection and related diseases.

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Thank You