



HPV Vaccination for Cancer Prevention

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VANDERBILT-INGRAM CANCER CENTER

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HPV Cancer Free Tennessee Coalition
TN Department of Health
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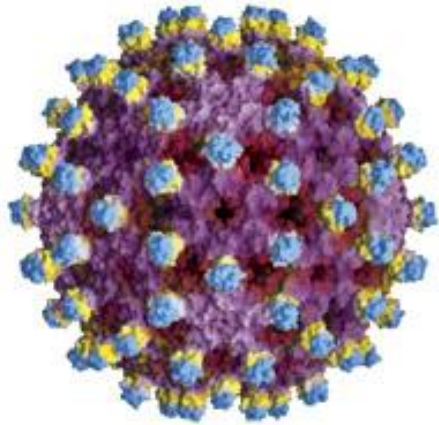


Meharry-Vanderbilt-TSU
Cancer Partnership

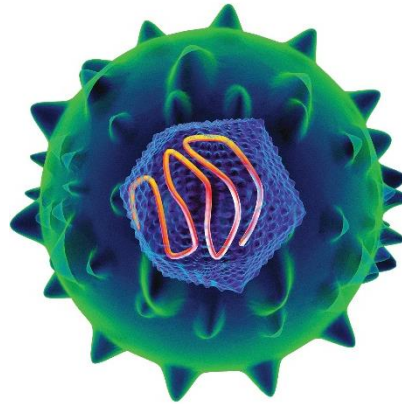


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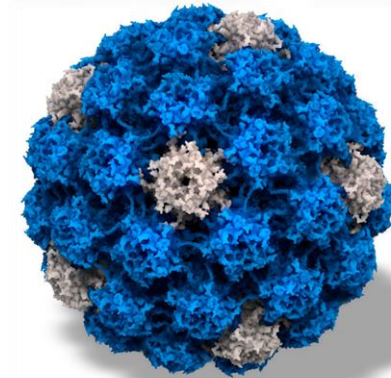
Infections cause some cancers



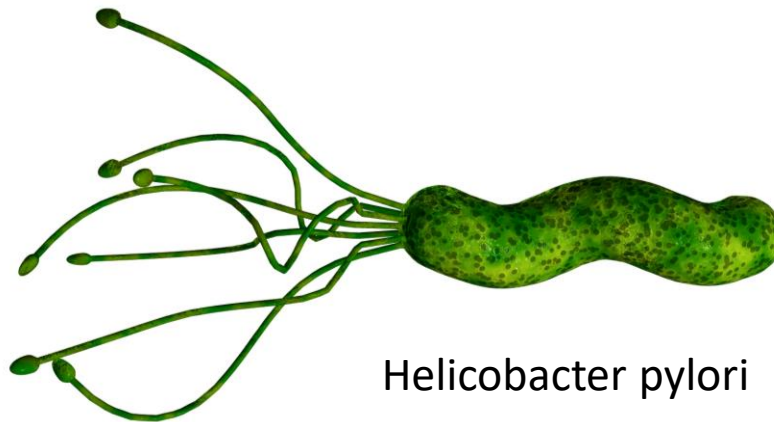
Hepatitis B virus



Hepatitis C virus



HPV (human papillomavirus)



Helicobacter pylori

HPV: common virus that infects men and women

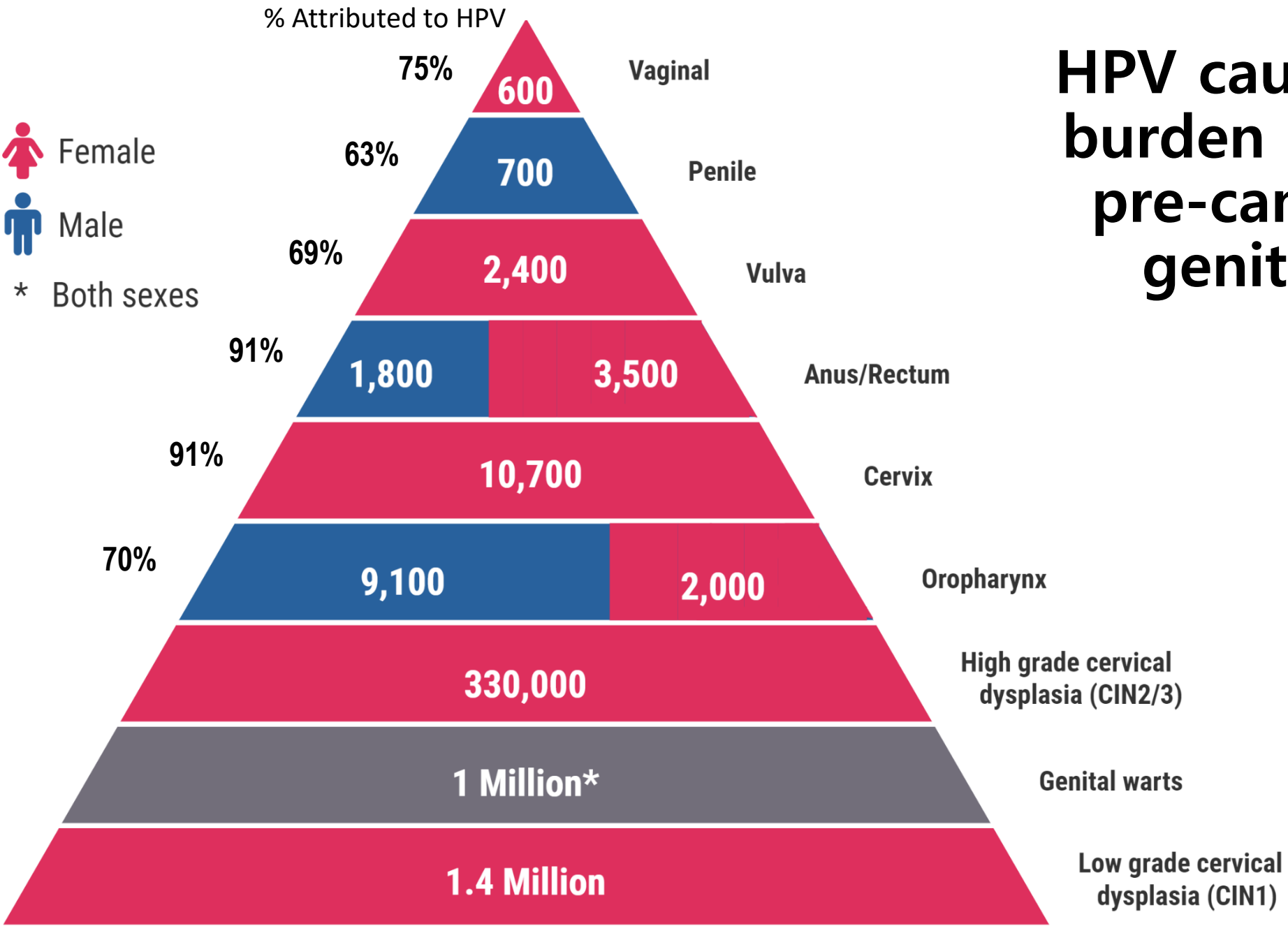


80%

Of people will
get an HPV
infection
in their lifetime

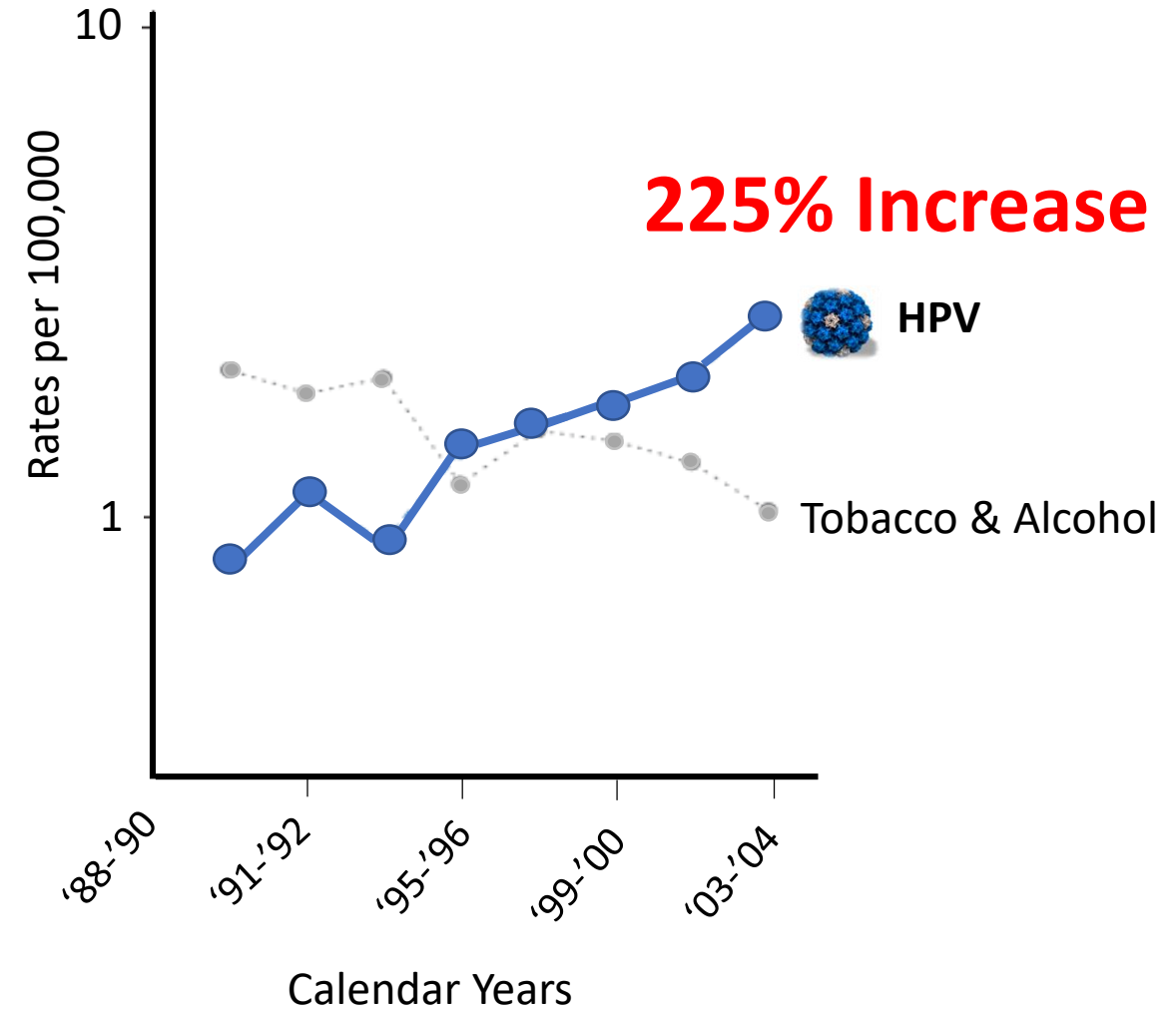
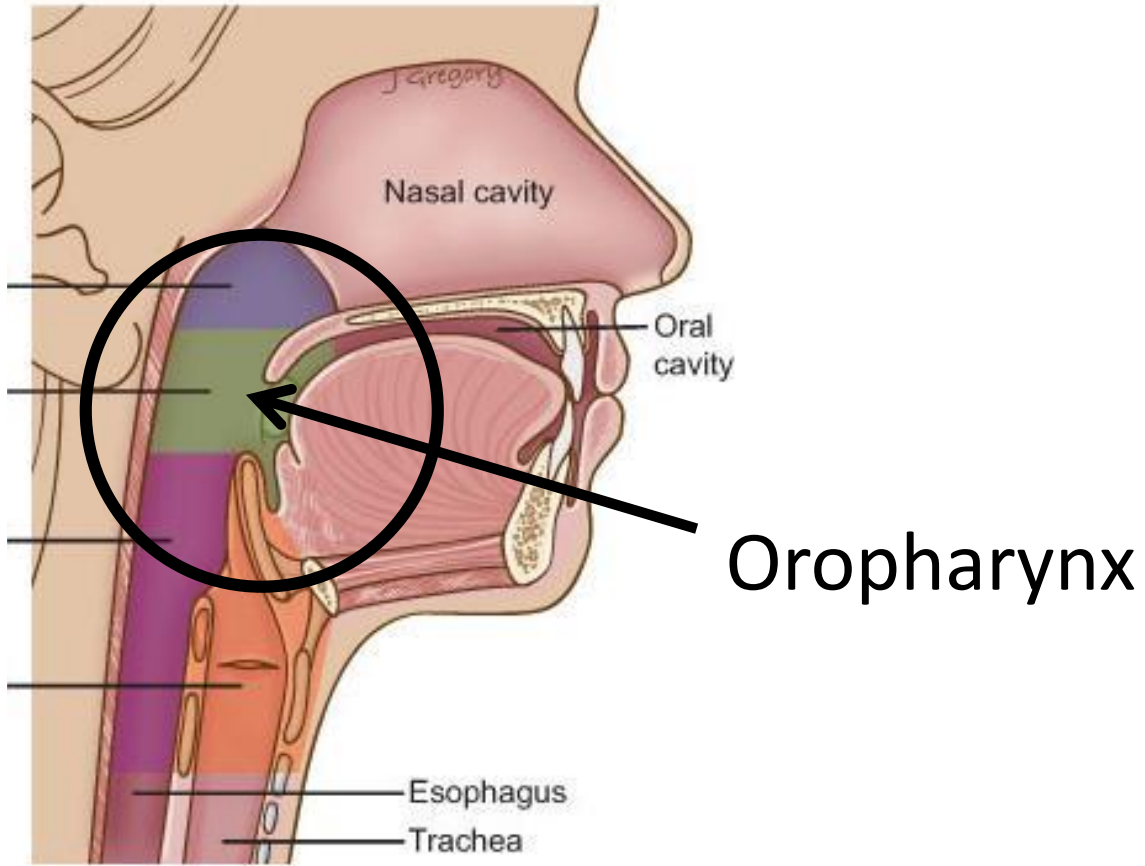
HPV = Human Papillomavirus

HPV causes a large burden of cancers, pre-cancers, and genital warts



Data from Viens et al. MMWR 2016. <https://www.cdc.gov/cancer/hpv/statistics>

Epidemic of HPV Oropharyngeal Cancer



**1 new case of HPV-related cancer
every 20 minutes**



Screening is only available for cervical cancer

HPV vaccination prevents cancer

30,000



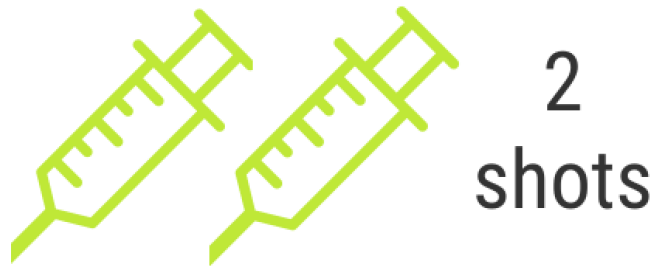
Over 30,000 cases of cancers each year could be prevented with HPV vaccination

Same as the average attendance for a baseball game

Routine HPV vaccination recommended for both males and females at ages 11 – 12 years

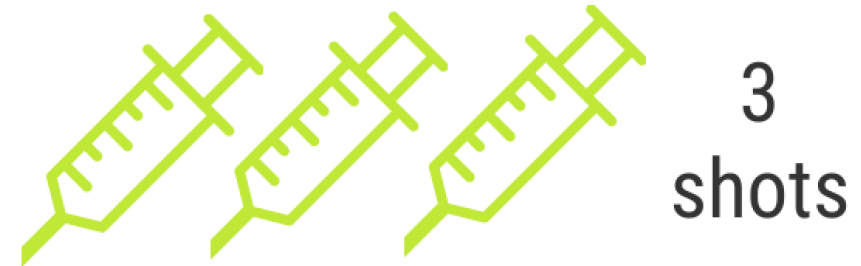
*Late: 13-26 years

Before 15th birthday



6-12 months after 1st dose

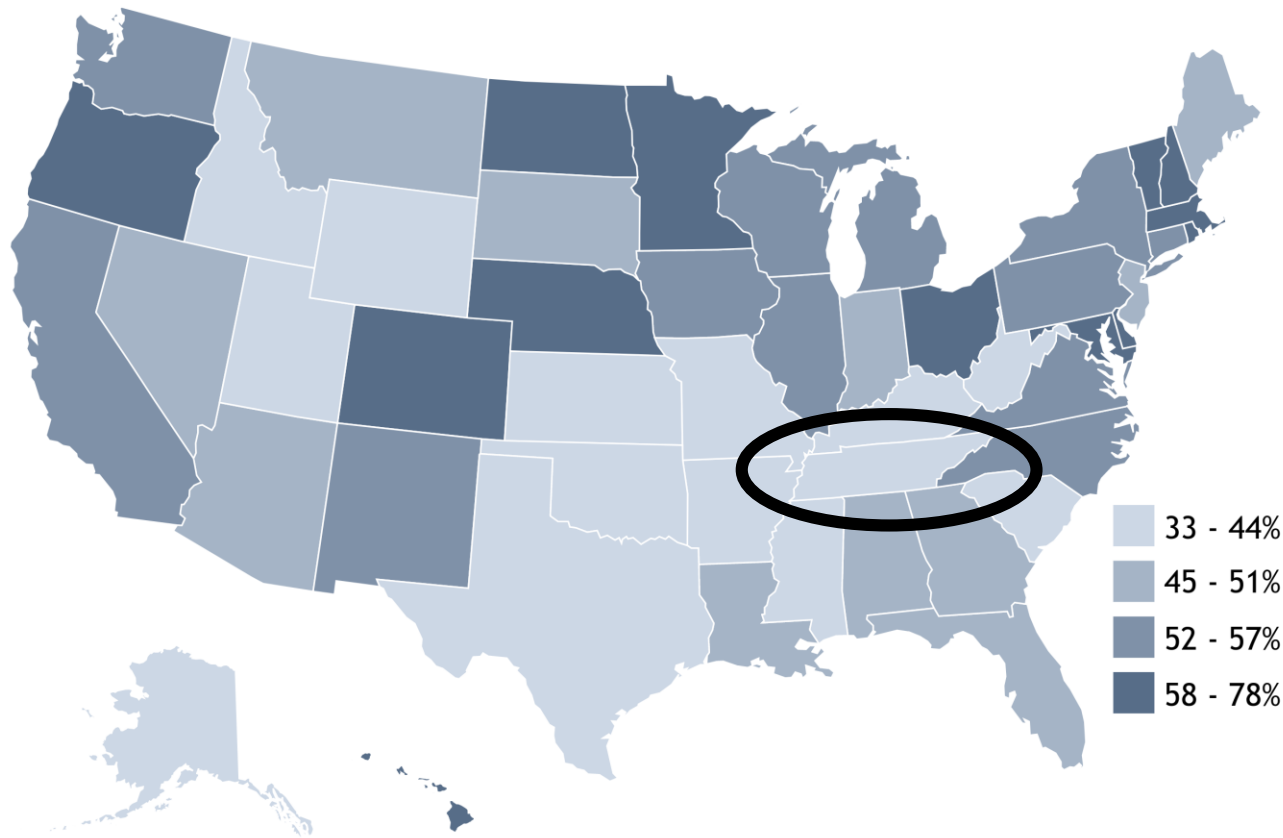
After 15th birthday



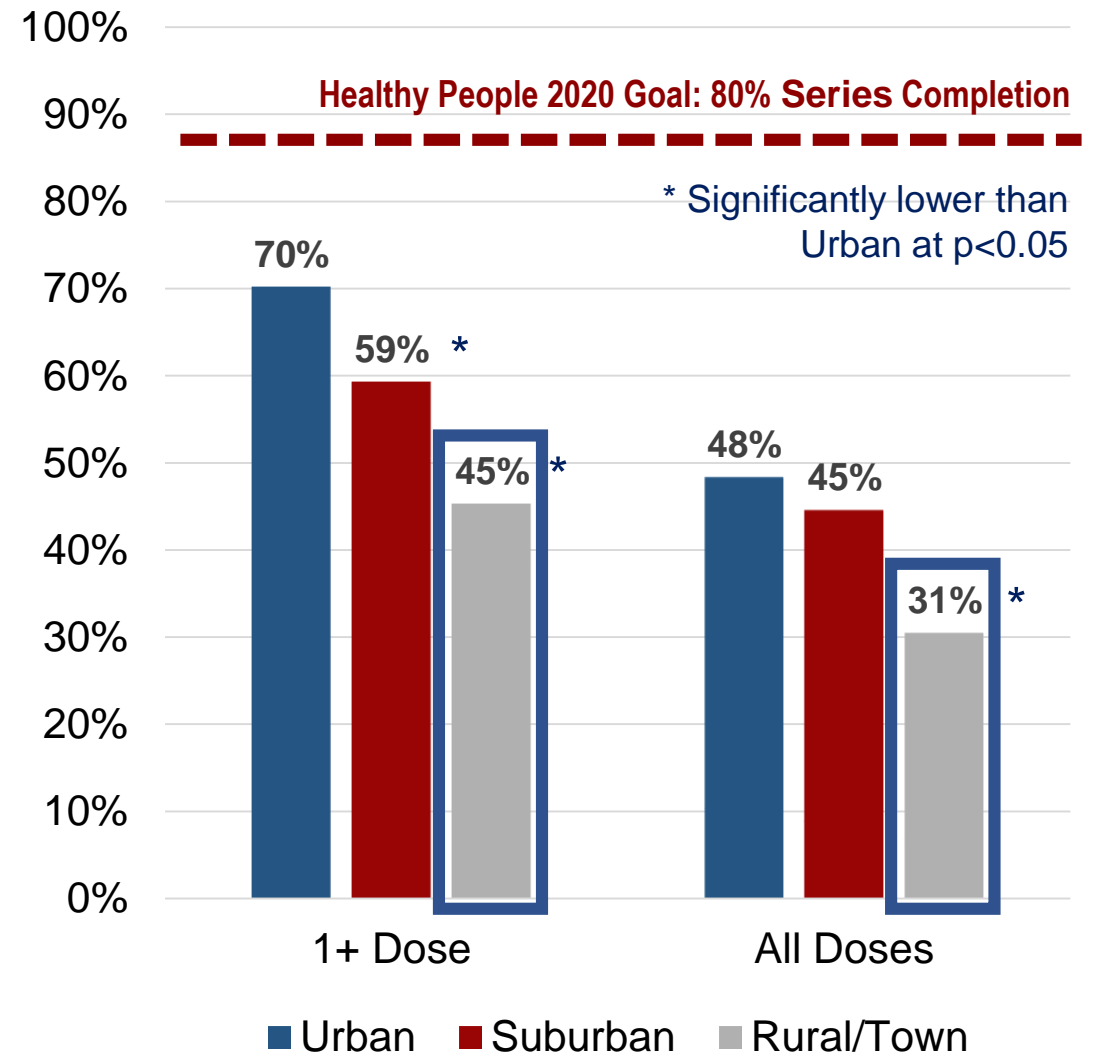
2 & 6 months after 1st dose

Human Papilloma Virus (HPV) Vaccination

All Doses of HPV Vaccine 2018



Tennessee, 2018



HPV Vaccination: Challenges

Providers delaying recommendation



Ineffective provider communication



Missed clinical opportunities



Lack of patient reminder & recall



Lack of data on vaccination rates



Parental vaccine hesitancy



Quality improvement implementation study with 21 pediatric practices



In-person
coaching

versus

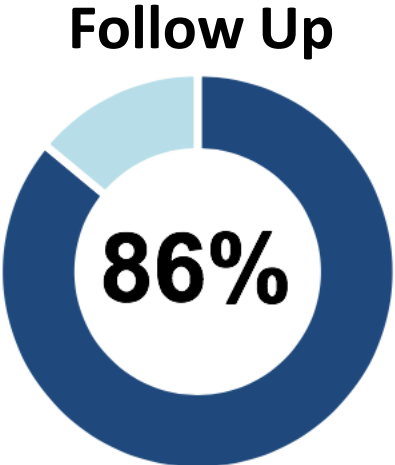
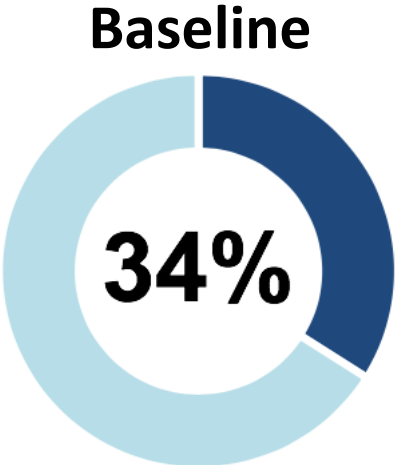


Web-based
coaching



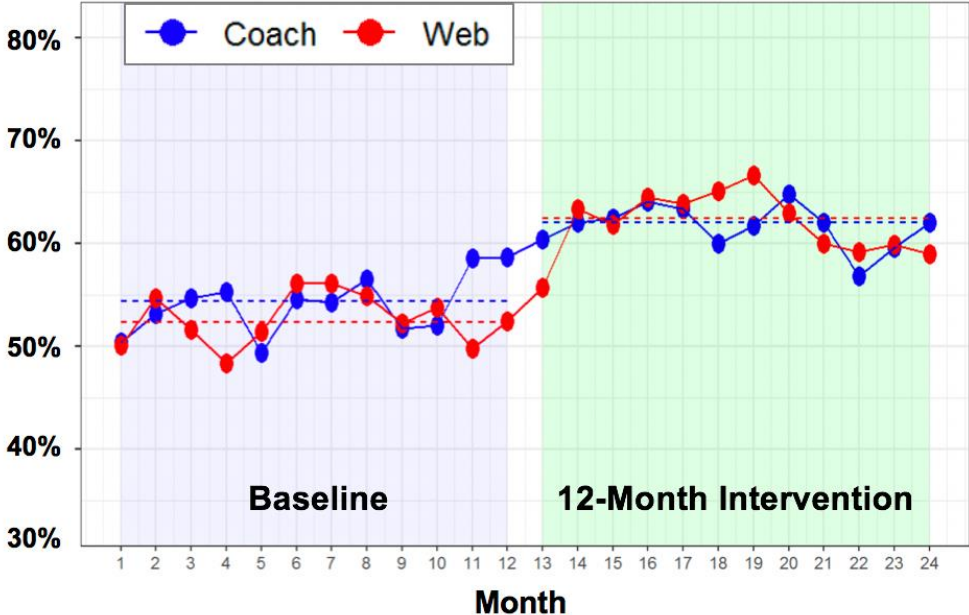
All: Vaccine communication training

Results

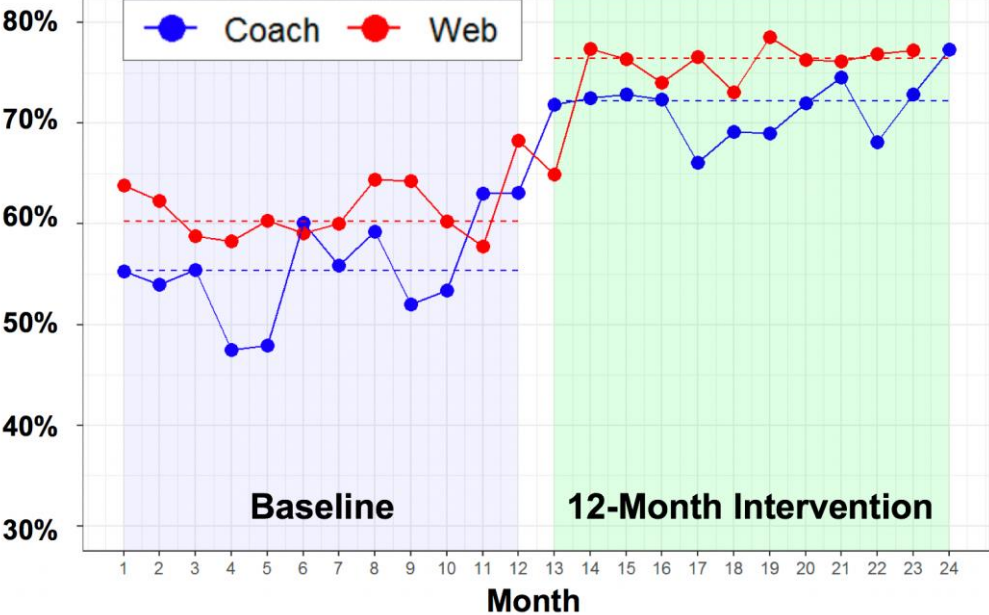


2.5-fold increase in providers using evidence-based “announcement” communication

17% increase in HPV vaccination during well visits

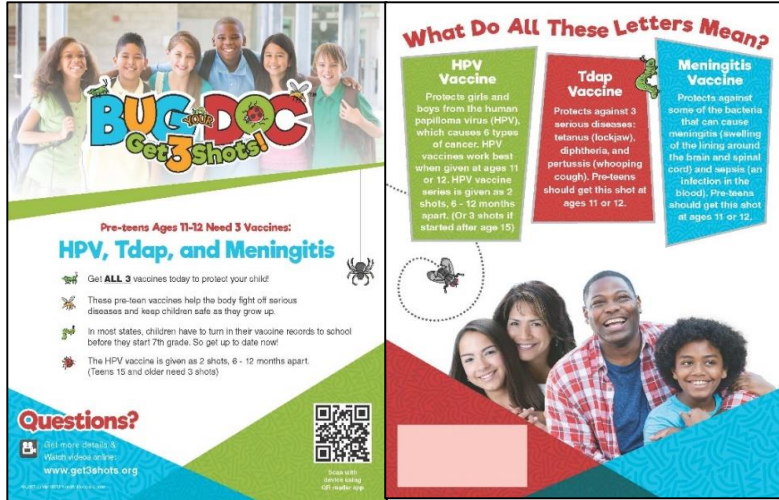


30% Increase in Bundling HPV Vaccine with Other Adolescent Vaccines





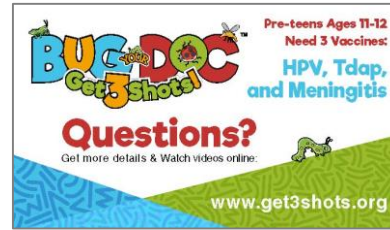
Available Materials: Co-brand with your logo



Front & Back of Clinic Flyer (space for logo)



SPANISH



Magnet



Billboard



TN Dept of Health:
Video
Print ads
Social media
Bus wraps



<https://www.youtube.com/watch?v=PfgS31AfGvs>

Request: TIP.Quality@tn.gov

Request: get3shots.org



<https://tinyurl.com/smbhbo5>
Kristina.G.Bradford@tn.gov



www.hpvcancerfree.org
Rochelle.Roberts@tn.gov



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Supplemental Slide for Q&A

CHANGE OPTIONS (QI Aims)

Practices select 4 changes (2 changes per 6 month MOC project)

