

Status of HPV Vaccination in Wisconsin

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9-valent (9vHPV) vaccine (Gardasil9[®])

- Licensed for use in the United States December 2014
- Recommended for males and females ages 9-26
- Protects against five additional HPV strains that cause:
 - 14% of HPV-associated cancers in females (approx. 2800 cases annually)
 - 4% of HPV-associated cancers in males (approx. 550 cases annually)
- 9vHPV may be used to continue or complete a series started with either 4vHPV or 2vHPV
- No ACIP recommendation for 9vHPV vaccination of persons who previously completed the 4vHPV or 2vHPV series.
 - However, available data show no serious safety concerns in persons vaccinated with 9vHPV following 4vHPV or 2vHPV series completion

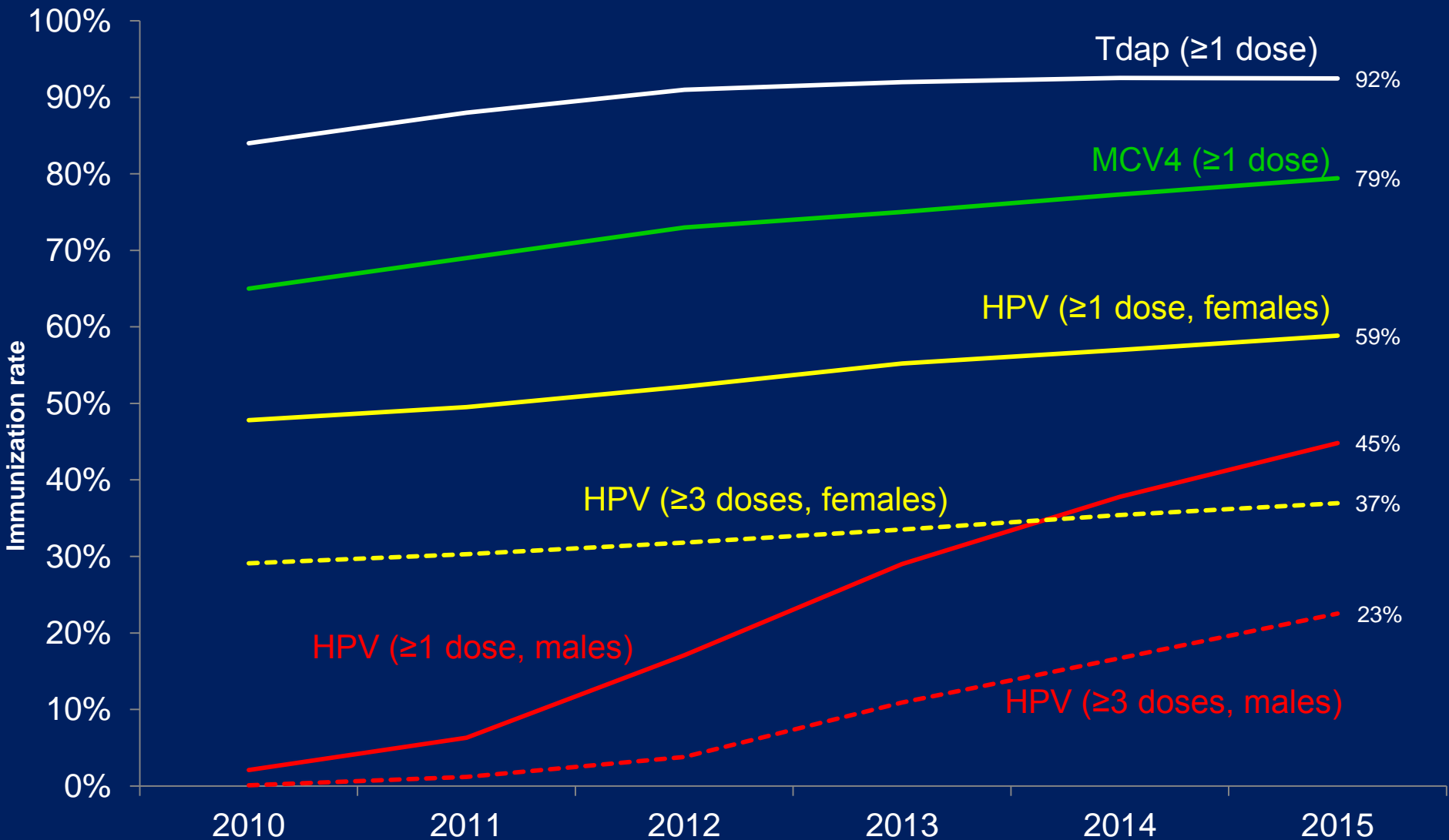
ACIP recommendations for routine and permissive HPV vaccination

- Three-dose series: routinely recommended for females and males aged 11-12 years
 - Series schedule: 0, 1-2, and 6 months
 - Permissive recommendation: males and females aged 9-10 years
- Catch-up vaccination: females aged 13-26 years and males aged 13-21 years who have not completed the vaccine series
 - Permissive recommendation: males aged 22-26 years
- Routinely recommended for men who have sex with men (MSM) and immunocompromised persons aged 22 through 26 years

HPV vaccination:

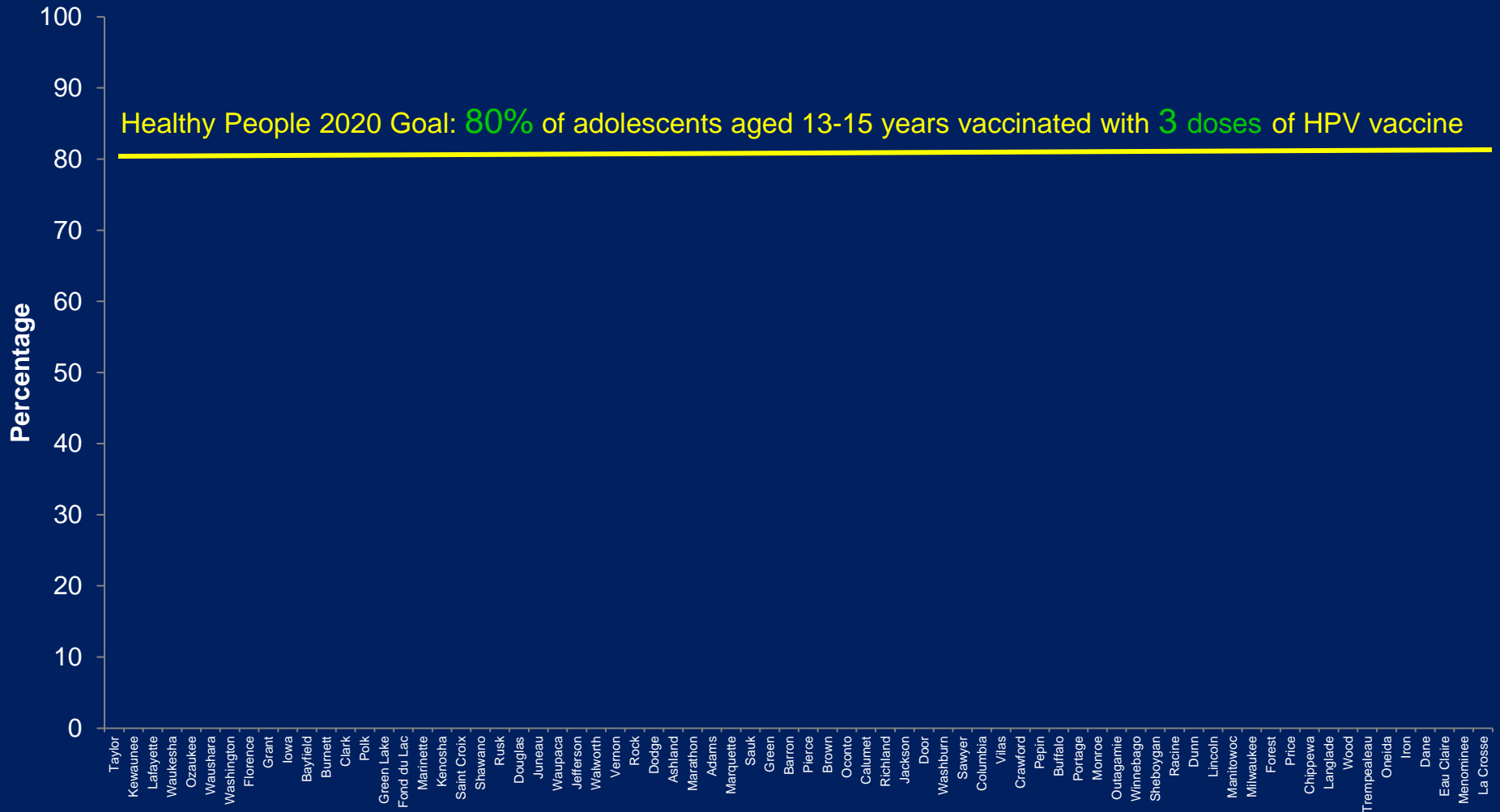
Measures of HPV vaccine uptake, Wisconsin

Estimated Tdap, MCV4, and HPV vaccine coverage among adolescents aged 13-17 years, Wisconsin Immunization Registry (WIR), 2010-2015

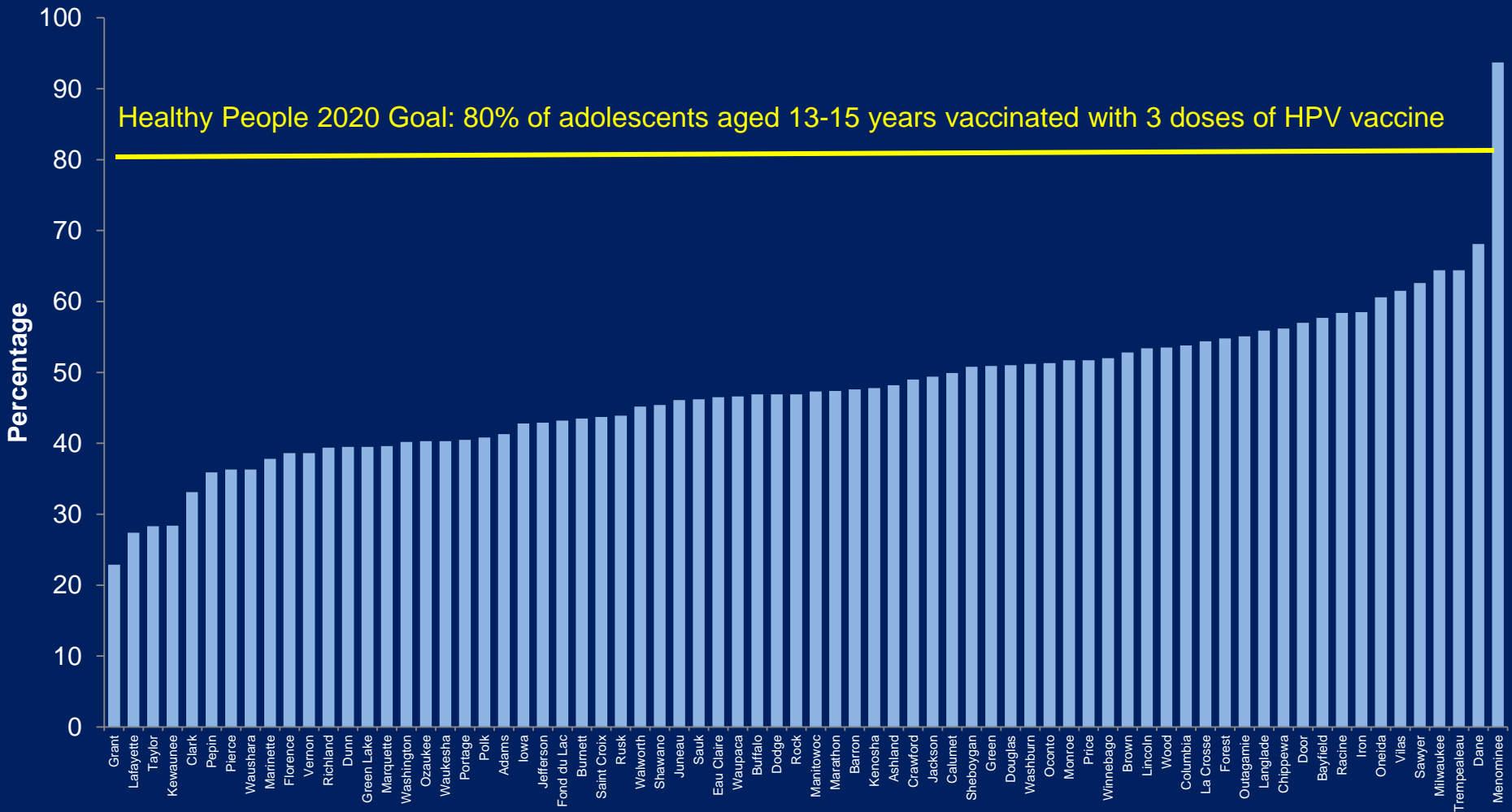


Estimated immunization rates are based on the number of persons recorded in the WIR as having received a valid dose(s) of vaccine by antigen and the Wisconsin Interactive Statistics on Health (WISH) population estimates.

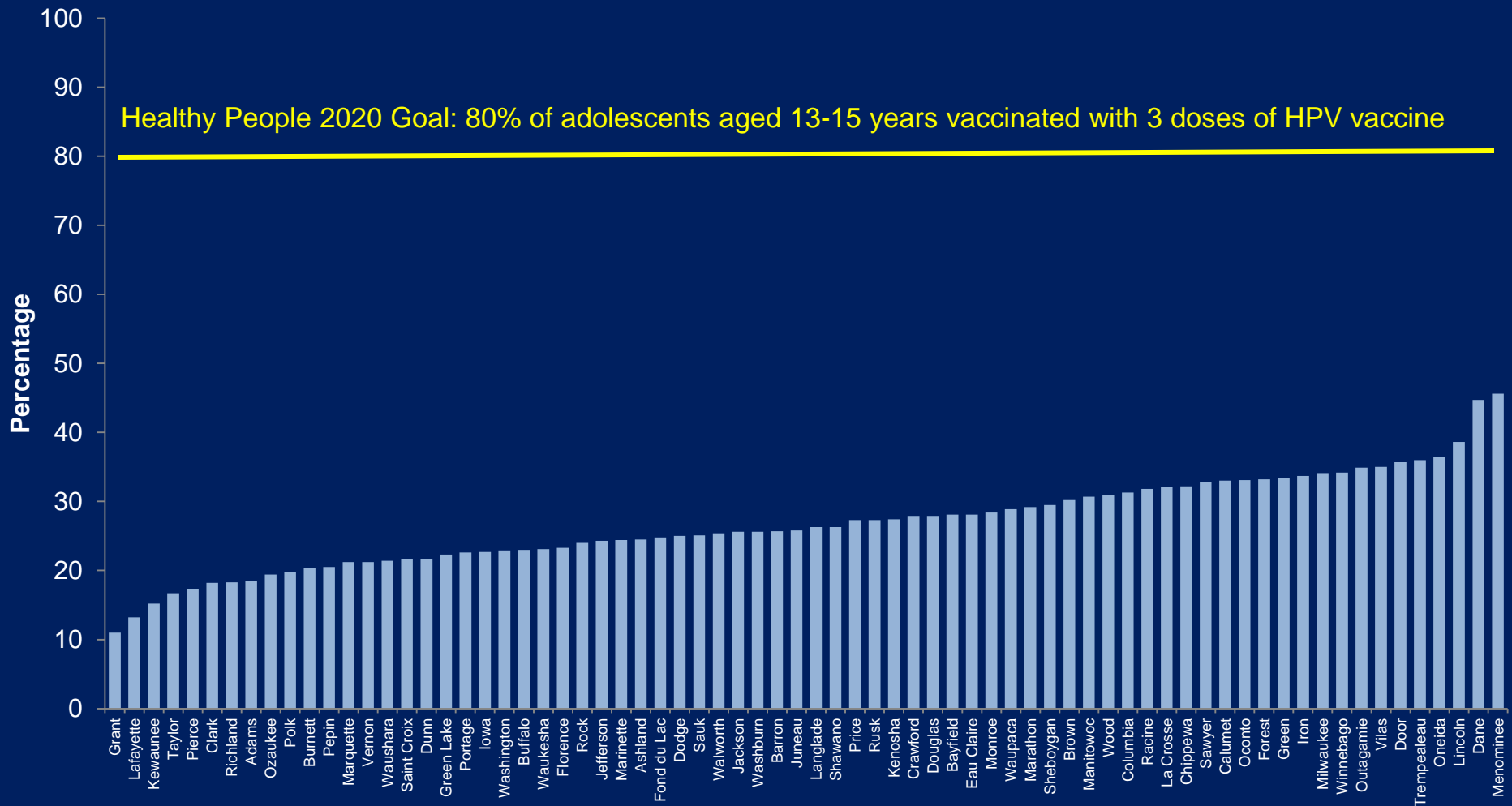
Healthy People 2020 Goal: 80% of adolescents aged 13-15 years vaccinated with 3 doses of HPV vaccine



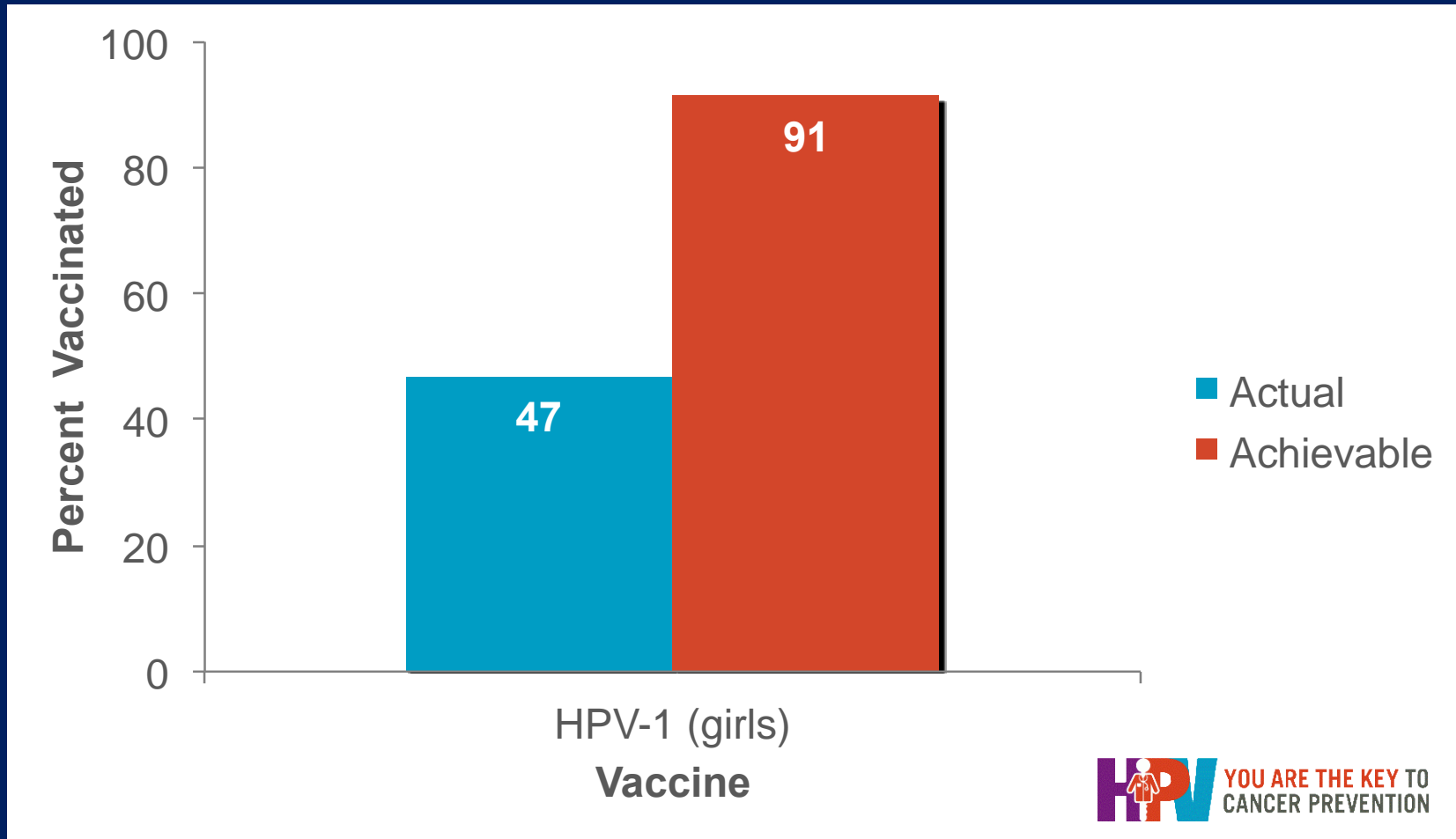
1+ dose HPV vaccine coverage among adolescents aged 13-17 years, by county, Wisconsin Immunization Registry (WIR), 2015



3+ dose HPV vaccine coverage among adolescents aged 13-17 years, by county, Wisconsin Immunization Registry (WIR), 2015



Impact of eliminating missed opportunities by age 13 years among girls born during 2000



Missed opportunity: Healthcare encounter when some, but not all ACIP-recommended vaccines are given. HPV-1: Receipt of at least one dose of HPV. MMWR. 63(29);620-624.