

DOSE HPV: Development of Systems & Education for HPV Vaccination

Action Plan

NAME

DATE



Part II: DOSE HPV: Development of Systems & Education for HPV Vaccination

- **Stage A: Assessment of your practice**
 - Review your own vaccination rates
 - Education sessions to support assessment and change
- **Stage B: Creation of Action Plan**
 - Individual plan to change with support from experts
 - Plans to change as a group and create new systems to support your change
- **Stage C: Ongoing Data Review**
 - Review your vaccination rates on a monthly basis and see if your practice change had the intended effect

Goals for Today's Session

- Identify opportunities for improvement and develop specific aims (How good? For Whom? By When?)
- Define Key Drivers that impact our desired outcome
- Brainstorm practice changes to achieve desired outcome

REPORT OF DATA MEASURES

HPV Vaccine Measures: total population

- Male and Female patients aged 11-12, 13-17, 18+ (to age 21 for males and 26 for females)
- Percent with ≥ 1 , ≥ 2 , and ≥ 3 HPV vaccine injections

Denominator defined as: All patients with a visit in past 18 months

HPV Vaccine Measures: completion among those who started

- Male and Female patients aged 11-12, 13-17, 18+
- NIS-Teen: Percent with ≥ 3 HPV vaccine injections among those who started the series at least 6 months ago
- Percent with ≥ 2 HPV vaccine injections among those who started the series at least 2 months ago

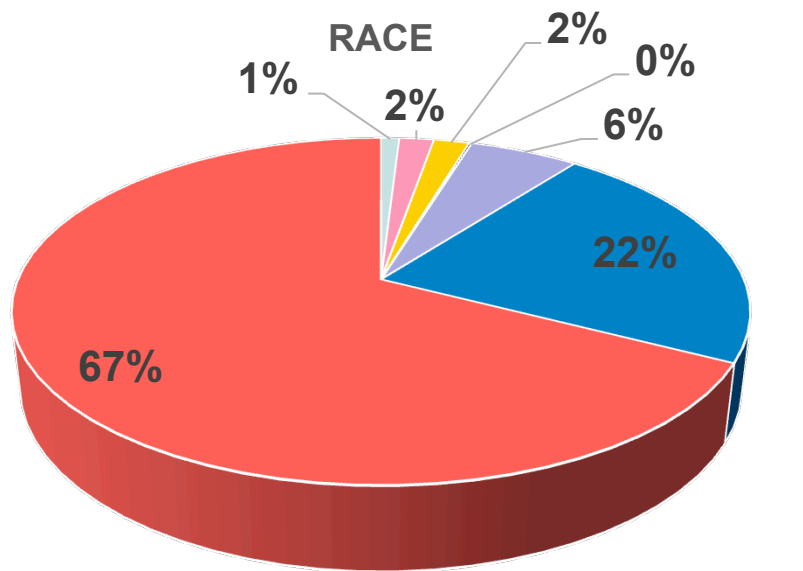
Denominator: Patients who initiated vaccine series



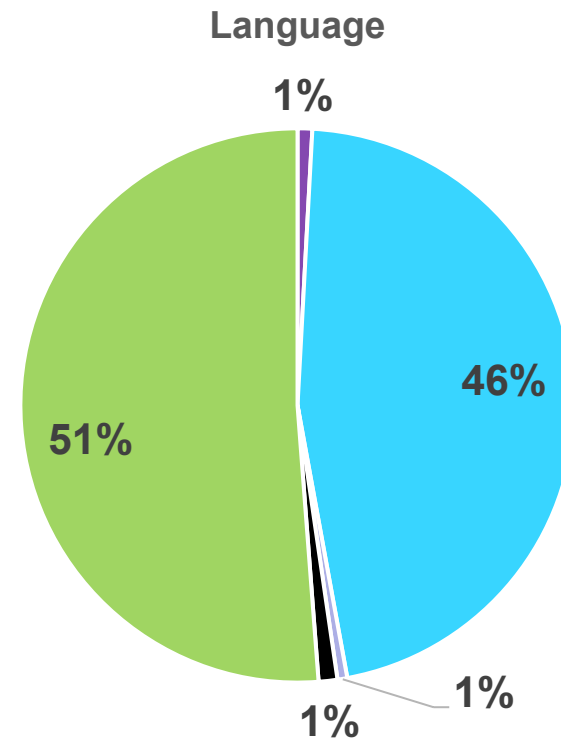
HPV Vaccine Measures: *HEDIS (NCQA)*

- % of 13 year old females **and males** with 3 HPV vaccine injections by the 13th birthday

Demographic breakdown of Active Patients

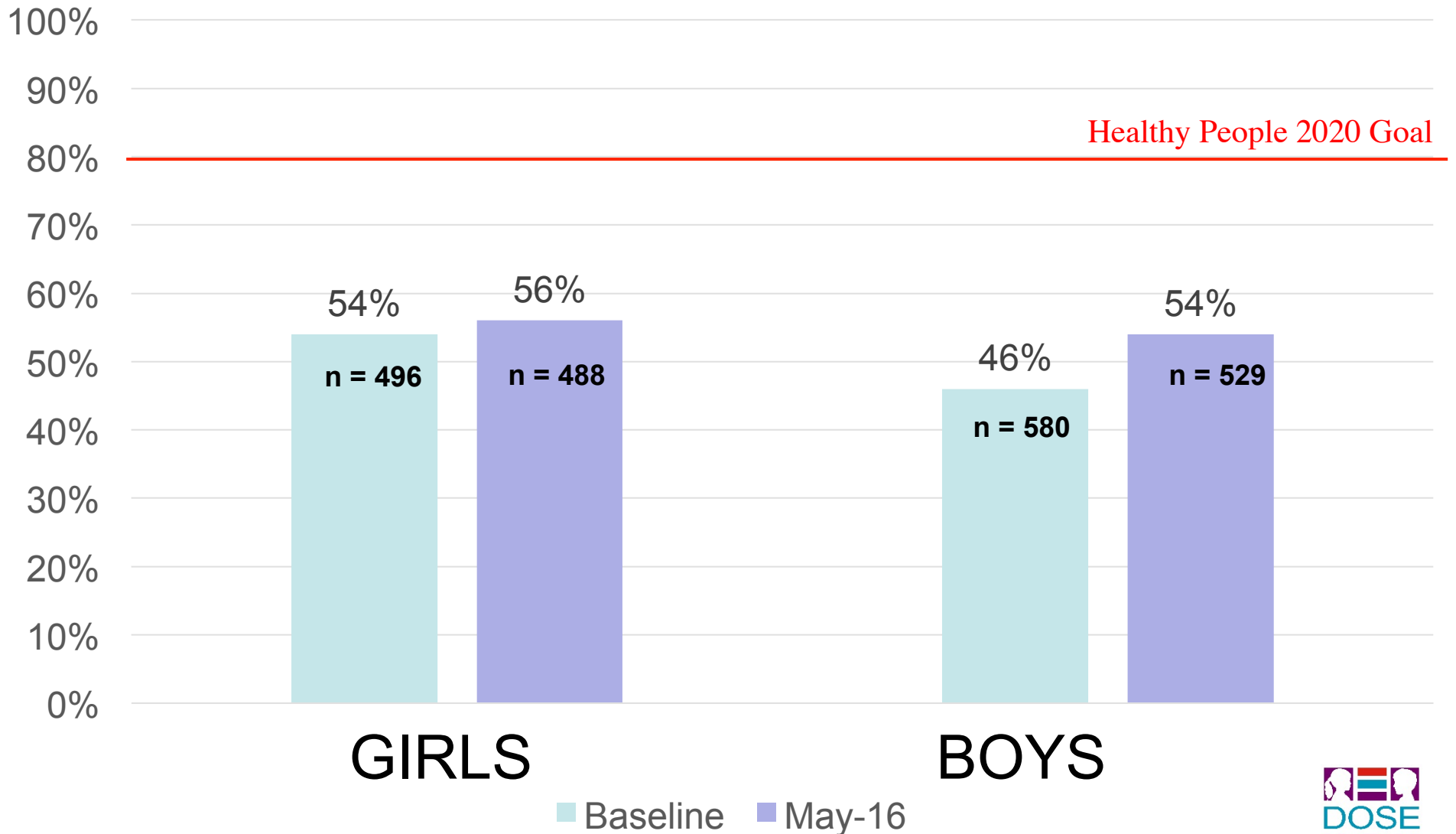



- Asian
- Black/Hispanic
- Unknown
- White/Hispanic
- Black/African American
- Other Pacific Islander
- White/Caucasian



- Arabic
- Portuguese
- English
- Spanish
- Other

% of Patients with ≥ 1 HPV Vaccine Injections (11-12)





Slides similar to slide #9 can be completed for all data measures



What are your thoughts on the data?

- What are the gaps you would like to address?



Let's brainstorm ideas....

- Based on evidence and your current practice

Evidence-based interventions to improve rates

Evidence based intervention	Example	Current practice
Provider assessment and feedback	Individual vaccination rates or missed opportunities	EPIC list, DOSE-HPV program <i>*how is this working?</i> <i>*can we improve it?</i>
Patient reminder/recall system	Phone calls/ texts/postcards to due or overdue patients	EPIC list age 13+ <i>*how is this working?</i> <i>*can we improve it?</i>
Provider reminders	Computer/ paper / verbal prompts when patients are due for vaccine at their appts	Dot system <i>*how is this working?</i> <i>*can we improve it?</i>
Patient education	Posters in rooms, videos, handouts	?
Vaccination programs in schools	Coordinate to administer doses in SBHC	?
Standing Orders	Standing orders in place allowing nurses to vaccinate during acute visits	

Stokley et al, HV&I, 2016



NOTES

References

- Healthy People 2020 report. Available at: <https://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases/objectives>. Accessed March 21, 2016.
- 2014 National Immunization Survey. NIS-Teen Data. Available at: <http://www.cdc.gov/vaccines/imz-managers/coverage/nis/teen/data/tables-2014.html>. Accessed March 21, 2016.
- Recommended Immunization Schedule for Persons Aged 18 months through 18 Years – United States 2016. Available at: <http://www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html>. Accessed April 3, 2016.
- The Community Guide. Community Preventive Services Task Force. Available at: <http://www.thecommunityguide.org/vaccines/index.html>. Accessed May 24, 2016.