

# HPV Vaccination in New Jersey

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Associate Professor



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# HPV Vaccine Uptake in New Jersey

Based on information reported to NJIIS on 11-19 year old adolescents

Rula Btoush, PhD, RN; Associate Professor; Rutgers School of Nursing  
Dennis P. Carmody, PhD; Professor Emeritus; Rutgers School of Nursing  
Jennifer Tsui, MPH, PhD; Assistant Professor; Rutgers Cancer Institute of New Jersey  
Steven J. Bors; Program Manager; NIDOH Vaccine Preventable Disease Program

Acknowledgment: This project was funded by Rutgers School of Nursing

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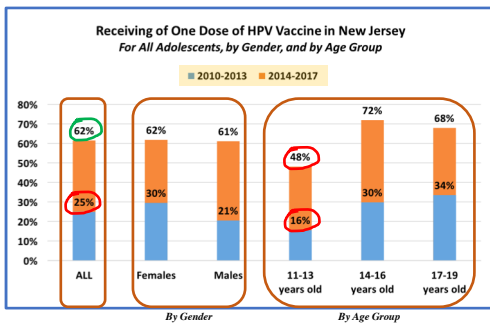
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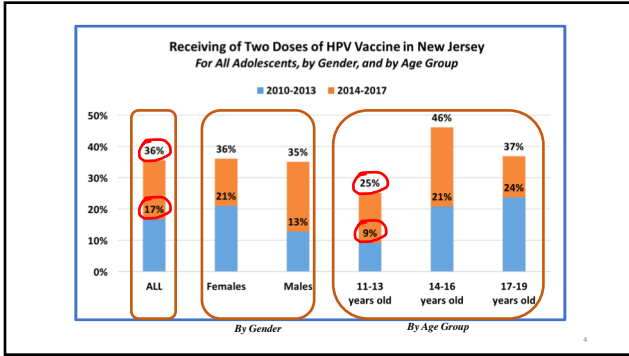
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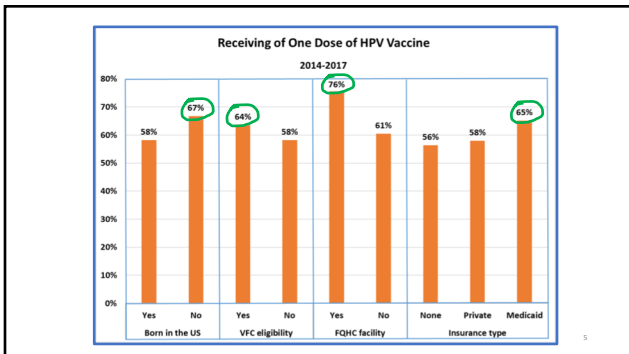
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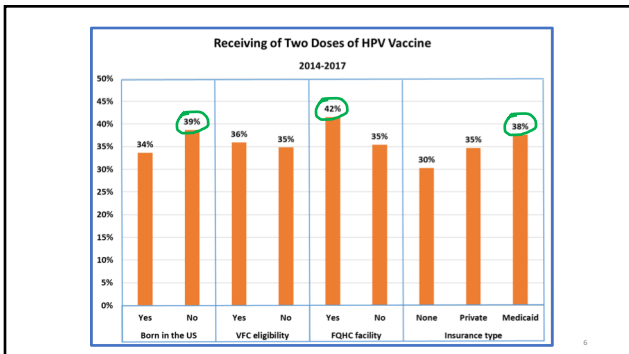
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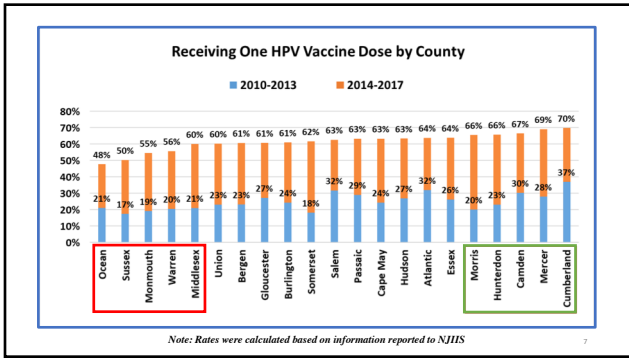
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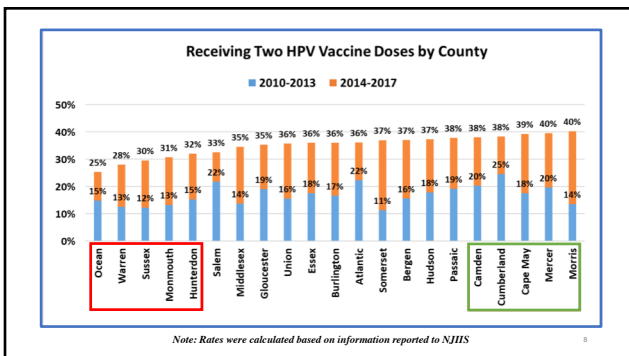
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## Healthcare Providers' Recommendation of HPV Vaccination in New Jersey

*Based on an online survey of 389 HCPs*

**Rula Btoush, PhD, RN;** Associate Professor; Rutgers School of Nursing  
**Dennis P. Carmody, PhD;** Professor Emeritus; Rutgers School of Nursing  
**Jennifer Tsui, MPH, PhD;** Assistant Professor; Rutgers Cancer Institute of New Jersey  
**Shawna Hudson, PhD;** Professor; Rutgers Robert Wood Johnson Medical School

Acknowledgment: This project was funded by Rutgers Cancer Institute of New Jersey

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## Methods

- Online survey of 389 HCPs in New Jersey
- Survey questions on:
  - HCP recommendation of the HPV vaccine
  - Knowledge and beliefs about the vaccine
  - Barriers (parent-related and system-related barriers)
  - Cues to action (facilitators) for recommending the HPV vaccine
- Email announcements via VFC program, NJAAP, APN-NJ, and other collaborators and through word of mouth

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## Who was included in the survey?

Healthcare providers (HCPs) characteristics		%
Gender	Male	28%
	Female	72%
Clinical Specialty	Pediatrics	62%
	Women's Health or OB/GYN	18%
	Family Medicine/Family Health	20%
Profession	Physician	75%
	Nurse Practitioner	25%
Practice Type	Private Practice	58%
	Public Clinic	16%
	FOHC	13%
	Other	13%

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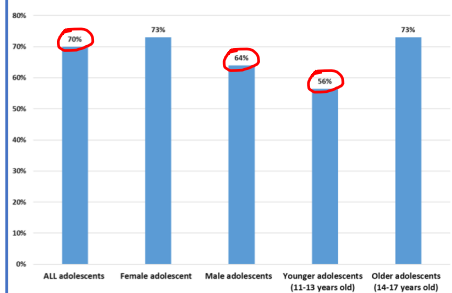
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Rates of HCPs "Always" Recommending HPV Vaccine (>75% of the time)



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### Factors with Significant Influence on HCP's Recommendation of HPV Vaccination

- Higher rates HCPs recommending HPV vaccination among/with:
  - Pediatric vs. non-pediatric providers (81% vs. 55%)
  - Higher levels of knowledge
  - Lower levels concerns about the HPV vaccine
  - Lower levels of system-related barriers
  - Higher levels of cues to action (facilitators)

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### More on HCPs' Reported Knowledge, Concerns, System-Related Barriers, and Facilitators

- **Knowledge about the HPV vaccine**
  - Generally high levels of knowledge about indications and recommendations related age, gender, and dosing intervals
  - Lower levels of knowledge about side effects and recommendations regarding catchup doses
- **Concerns about the HPV vaccine**
  - Vaccine safety, it being pushed by drug companies to make money, and long-term effects
- **System-related barriers**
  - Reimbursement issues for the vaccine or administration of the vaccine, difficulty ordering enough stock of the vaccine, and inadequate support staff to administer the HPV vaccine
- **Facilitators**
  - Awareness of CDC and professional organizations' recommendations for the HPV vaccine
  - Valuing the importance to adhere to these recommendation
  - Having regular staff meetings to present and discuss performance data on vaccination and other quality indicators

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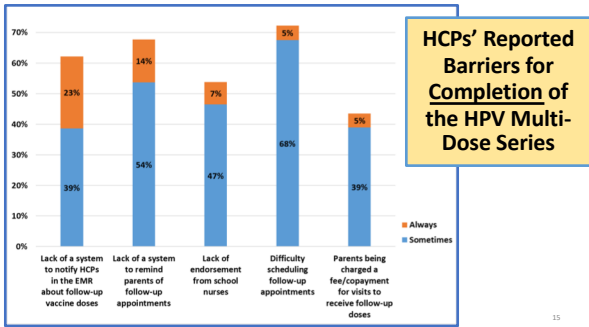
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Thank you!

For more information:  
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