

Updated 03/03/2011

HPV Vaccination in School Health Centers Survey

This survey was administered to school health center representatives over the phone between November-December 2010. The purpose of the interviews was to inform an intervention to increase HPV vaccine uptake in North Carolina school health centers. The items discussed school health center vaccination services and procedures (stock, billing, consent, reminders, tracking doses), successes and challenges to providing HPV vaccine, and potential interventions for increasing the uptake of HPV vaccine in school health centers.

Telephone Survey

Appears immediately below.

Barriers Worksheet

Appears at end of document.

Preferred citation:

Leighton, A., O'Malley, B., Entzel, P., Smith, J. S., Brewer, N. T., (2011). Opportunities for Increasing HPV Vaccine Provision in School Health Centers. *Journal of School Health*; 84(6):370-8. doi: 10.1111/josh.12158.

[...] Brackets indicate unread text including instructions to the programmer, interviewer or respondent. Question in gray shading are part of the Barriers Worksheet.

Your School Health Center

A

1. **First, let me confirm that the school health center you represent is [read name of SHC]. Is this correct?** [fill out from spreadsheet prior to interview] :

1. Yes No

2. **Does your school health center offer vaccines?**

Yes No DK

3. **Does your school health center offer the HPV vaccine?**

Yes No DK

4. Which brand of HPV vaccine does your school health center stock?

- Gardasil Cervarix

HPV Vaccine

B

1. Does your school health center stock HPV vaccine supplied by the Vaccines for Children program?

- Yes No DK

2. Does your school health center stock privately purchased HPV vaccine?

- Yes No DK

3. What are some successes and challenges to providing HPV vaccine that your school health center has experienced? [Probe for both successes and challenges.]

NC Immunization Registry

C

Now let's talk about the North Carolina Immunization Registry.

1. Does your school health center use the Immunization Registry?

- Yes No DK

2. [If yes] Tell me about any problems your school health center has had using the Immunization Registry.

- No problems

3. To track students who are missing doses of HPV vaccine, does your school health center use the reminder/recall function of the Immunization Registry?

- No Yes

4. [If yes] Can you tell me more about that?

5. Does your school health center have other ways to track students who are missing doses of the HPV vaccine?
- No other ways

6. What about immunizations that were given to students but not recorded in the Immunization Registry? Is obtaining records of these prior immunizations a barrier for providing HPV vaccine at your school health center?
- No Yes

7. What if you or your staff received additional training to use the Immunization Registry? How much do you think this training would help you provide HPV vaccine at your school health center?
- Not at all A little A lot

8. How much do you think this additional training would increase the number of HPV vaccine doses you provide at your school health center?
- Not at all A little A lot

Privately Purchased HPV Vaccine

D

You said your school health center [stocks / does not stock] privately purchased HPV vaccine.

1. Are the upfront costs of ordering and stocking the HPV vaccine a barrier for your school health center?
- No Yes

2. Is inadequate reimbursement for privately purchased HPV vaccine a barrier for your school health center?
- No Yes

3. What if school health centers did not have to pay invoices for privately purchased HPV vaccine until after they gave the vaccine to students? How much do you think this change in billing practices would help you provide HPV vaccine at your school health center?
- Not at all A little A lot

4. How much do you think this would increase the number of HPV vaccine doses you provide at your school health center?

- Not at all A little A lot

5. What if private insurers included school health centers in their networks of approved providers? How much do you think this change in approved providers would help you provide the HPV vaccine at your school health center?

- Not at all A little A lot

6. How much do you think this would increase the number of HPV vaccine doses you provide at your school health center?

- Not at all A little A lot

Stock Privately Purchased HPV Vaccine

7. What about parents not being able to afford out-of-pocket costs for children to receive privately purchased HPV vaccine? Is this a barrier to providing HPV vaccine at your school health center?

- No Yes

Don't Stock Privately Purchased

7. What about parents not being able to afford out-of-pocket costs for children to receive privately purchased HPV vaccine? Would this be a barrier to providing HPV vaccine at your school health center?

- No Yes

HPV Vaccine Provided through VFC

E

You said your school health center stocks HPV vaccine through the Vaccines for Children program, also known as VFC.

1. How much is the administration fee that your school health center charges students for one dose of the HPV vaccine supplied through VFC?

\$ _____

2. What about high out-of-pocket costs to parents for HPV vaccine supplied to students through VFC? Is this a barrier to providing HPV vaccine at your school health center?

- No Yes

Consent

F

1. **How do you obtain parent consent to provide school health center services?**

2. **Do you have a separate procedure for obtaining consent to provide HPV vaccine or other vaccines?**
 No Yes

3. [If yes] **Please describe how you obtain consent to provide HPV vaccine or other vaccines.**

4. **For students of what ages do you require parent consent to provide HPV vaccine?**

5. **Is students not returning the consent form a barrier to providing HPV vaccine at your school health center?**
 No Yes

6. **What if we created a new consent form, based on best practices, that appeals to parents? How much do you think this revised consent form would help you provide HPV vaccine at your school health center?**
 Not at all A little A lot

7. **How much do you think this revised consent form would increase the number of HPV vaccine doses you provide at your school health center?**
 Not at all A little A lot

8. **What about asking parents for their consent while they are at school, for instance during parent-teacher conferences? At your school health center, do you think this is...**
 Not at all doable Somewhat doable Very doable You already do it

9. [If not at all] **Why not?**

10. **If you decided to ask parents for their consent while they are at school, how much do you think this would increase the number of HPV vaccine doses you provide at your school health center?**
 Not at all A little A lot

School Administration

G

1. **What about your school administrators' concern that providing HPV vaccine will take students away from classes? Is this a barrier to providing HPV vaccine at your school health center?**
 No Yes

2. **Are there other school administration concerns that are a barrier to providing HPV vaccine at your school health center?**
 No Yes

3. **[If yes] Can you tell me more about that?**

4. **Are there any other important barriers to increasing HPV vaccination in your school health center that we didn't talk about?**
 No Yes

5. **[If yes] What are they?**

Now I will read a list of barriers to providing HPV vaccine that you said exist in your school health center.

6. **Which of these barriers, if any, are the greatest concerns for your school health center.**

[See Barriers Worksheet]

Interventions

H

Now I will describe some possible interventions for increasing the number of HPV vaccine doses you provide in your school health center.

1. **An intervention could be your school health center sending a letter endorsing adolescent vaccines to eligible students' parents. The letter would be from a healthcare provider who is**

well known to parents of children who use the school health center. At your school health center, do you think sending these letters is...

- Not at all doable Somewhat doable Very doable You already do it

2. [If not at all] **Why not?**

3. **If you decided to do this, how would you send these letters home to parents?**

[check all that apply, do not read]

- with the student
 by mail
 by email
 other _____

4. **What if the postage for mailing these letters was free? At your school health center, do you think printing and mailing these letters is...**

- Not at all doable Somewhat doable Very doable You already do it

5. [If not at all] **Why not?**

6. **If you decided to send a letter to parents, how much do you think this would increase the number of HPV vaccine doses you provide at your school health center?**

- Not at all A little A lot

7. **An intervention could be to send parents reminders, as appropriate, that their children are due for adolescent vaccines. Do you have a system to do this?**

- No Yes

8. [If yes] **What is it?**

[check all that apply, do not read]

- email
 text message
 telephone
 in-person
 a letter sent with the student
 other _____

9. [If no] **If you did do this, could you describe the reminder system that would be most useful?**
[check all that apply, do not read]
- email
 - text message
 - telephone
 - in-person
 - a letter sent with the student
 - other _____
10. **How much do you think sending parents reminders about adolescent vaccines would increase the number of HPV vaccine doses you provide at your school health center?**
- Not at all A little A lot
11. **Does your school health center want additional HPV vaccine brochures or posters that have been specifically tailored for adolescents?**
- No Yes
12. **How much do you think this would help you provide HPV vaccine at your school health center?**
- Not at all A little A lot
13. **How much do you think this would increase the number of HPV vaccine doses you provide at your school health center?**
- Not at all A little A lot
14. **Do you think your school health center would prefer promotional materials that are only about HPV vaccine or materials that are about several adolescent vaccines?**
- Only HPV vaccines Several adolescent vaccines No opinion/both are fine
15. **An intervention could be to have students develop a peer-led promotional campaign for adolescent vaccines. At your school health center, do you think that this promotional campaign is...**
- Not at all doable Somewhat doable Very doable You already do it
16. [If not at all] **Why not?**
17. **If you decided to have students develop a peer-led promotional campaign, how much do you think this would increase HPV vaccine uptake at your school health center?**

Not at all A little A lot

18. An intervention could be to collaborate with teachers to address HPV vaccine in health education classes. How much do you think supplying teachers with a curriculum about adolescent vaccines would help you provide HPV vaccine at your school health center?

Not at all A little A lot

19. How willing do you think teachers would be to do this?

Not at all Somewhat Very

20. How much do you think this would increase the number of HPV vaccine doses you provide at your school health center?

Not at all A little A lot

21. An intervention could be a school-based event or activity, such as a concert, skit or presentation, to raise awareness about HPV vaccine. If we sponsored such an event, how doable do you think it would be for you to host it?

Not at all doable Somewhat doable Very doable You already do it

22. [If not at all] Why not?

23. If you decided to host an event like this, how much do you think it would increase the number of HPV vaccine doses you provide at your school health center?

Not at all A little A lot

24. An intervention could be to provide students with a small incentive for getting recommended adolescent vaccines. This might include a small prize, entrance into a raffle, or a coupon for a free music download. If we provided the incentives, how doable would it be for you to distribute them?

Not at all doable Somewhat doable Very doable You already do it

25. [If not at all] Why not?

**26. [If somewhat or very doable] What incentives do you think students would like to receive?
[If not at all doable] If this were doable, what incentives do you think students would like to receive?**

- 27. If you decided to distribute an incentive, how much do you think this would increase the number of HPV vaccine doses you provide at your school health center?**
- Not at all A little A lot
- 28. Are there any other potential interventions that might be especially effective in increasing HPV vaccine uptake in your school health center?**
- No Yes
- 29. [If yes] What are they?**
- 30. How interested do you think your school health center would be in partnering with us to do an intervention to increase HPV vaccine uptake?**
- Not at all interested Somewhat Very [Unread: DK Declined]
- 31. [If “not at all interested”] Tell me about why they might not be interested.**
- 32. What do you think we could do to make partnering with us on an HPV vaccine intervention more appealing to your school health center?**
- 33. Are there key people who you think we should talk to about increasing HPV vaccination in your school health center?**
- No Yes
- 34. [If yes] Can you provide their names and contact information?**
- 35. How much, if at all, does limited staff availability affect your school health center’s ability to implement new interventions?**
- Not at all A little A lot [Unread: DK Declined]

Now I'd like to ask you a few more questions about your school health center.

1. **Does your school health center accept private insurance?**
 No Yes

2. **Are there any types of private insurance that your school health center does NOT accept?**
 No Yes

3. [If yes] **What are they?**
 My school health center does not accept private insurance

4. **Does your school health center partner with other organizations or agencies to provide HPV vaccine?**
 No Yes

5. [If yes] **Which organizations or centers?**

6. **Is your school health center open most school days or does it have more limited hours?**
 Most school days More limited hours

7. **Can you tell me who uses the school health center?**
 Probes:
 Is it students? In which grades?
 Does anyone other than students use the school health center?

8. **Would you say that most students served by your school health center live in an urban, suburban, or rural area?**
 Urban Suburban Rural

9. **What percentage of students served by your school health center do you think are Spanish-speaking?**
 _____% DK

10. Can you tell me how many HPV vaccine doses your school health center provided in the 2009-2010 school year? If you're not sure, we can follow up with you after the interview.

11. How many students received all 3 doses of HPV vaccine? Again, if you're not sure, we can follow up with you after the interview.

12. Not counting the North Carolina Immunization Registry, does your school health center keep electronic records of HPV vaccine doses provided to individual students?

Yes No

13. Can you tell me how many students were enrolled in the school at the end of last school year in grades 6 and higher?

Those are all the questions that I have. Do you have any questions for me?

[Record their response]

Barriers Worksheet

HPV Vaccination in School Health Centers

SHC Representative Interviewed:

Date: ___ / ___ / _____
 M M / D D / Y Y Y Y

Now I will read a list of barriers to providing HPV vaccine that you said exist in your school health center(s).

7. Which of these barriers, if any, are the greatest concerns for your school health center(s)?

		Mentioned	Greatest Concerns
Obtaining information about immunizations <u>not</u> recorded in the Immunization Registry	C6	<input type="checkbox"/>	<input type="checkbox"/>
Upfront costs of ordering and stocking privately purchased HPV vaccine	D1	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate reimbursement for privately purchased HPV vaccine	D2	<input type="checkbox"/>	<input type="checkbox"/>
Parents not being able to afford out of pocket costs for children to receive privately purchased HPV vaccine	D7	<input type="checkbox"/>	<input type="checkbox"/>
High out-of-pocket costs to parents for HPV vaccine supplied to students through VFC	E2	<input type="checkbox"/>	<input type="checkbox"/>
Students not returning the consent form	F5	<input type="checkbox"/>	<input type="checkbox"/>
School administration's concern that providing HPV vaccine will take students away from classes	G1	<input type="checkbox"/>	<input type="checkbox"/>
[others from G3 and G5]		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
