



Adolescent Vaccination in Pharmacies Survey (2015)

This survey was designed by Noel Brewer, Macary Marciniak, and colleagues at the UNC Gillings School of Global Public Health (<http://www.unc.edu/~ntbrewer/hpv.htm>). Data collection was via an online survey with a national sample of parents of 11- to 17-year-old adolescents. Data collection was completed between November 2014 and January 2015.

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Item #	Item construct	Item	Response scale
A10	Introduction	How many 11-17 year old children do you have? [FORCE A RESPONSE TO THIS QUESTION]	[Open-ended] [ALLOW ONLY NUMBERS BETWEEN 0 AND 20] [IF A10 = 0 END SURVEY]
A15	Introduction	Please enter the age of each child ages 11 to 17. [FORCE A RESPONSE TO THIS QUESTION]	[Open-ended] [ALLOW ONLY NUMBERS BETWEEN 11 AND 17]
A20	Introduction	[IF A10>1] According to the answers you provided, you have [A10] children ages 11 to 17. Please think about the one who had the most recent birthday when you answer the questions. [IF A10=1] According to the answers you provided, you have one child ages 11 to 17. Please think about this child when you answer the questions.	
A30	Child's name	To help the survey work better, please provide a name that you would like us to use when referring to your child. (This information is only for the survey. You can give initials or a nickname — whatever you will remember.)	[Open-ended] [IN REST OF SURVEY: REPLACE "NAME" WITH A30 RESPONSE]

A32	Child's sex	Is [NAME] ... [FORCE A RESPONSE TO THIS QUESTION]	1 = Male 2 = Female [IN REST OF SURVEY: IF A32= 1, REPLACE "HE/SHE" WITH "he" AND "HIM/HER" WITH "him" IF A32 = 2, REPLACE "HE/SHE" WITH "she" AND "HIM/HER" WITH "her"]
A33	Child's age	How old is [NAME]?	1 = 11 years old 2 = 12 years old 3 = 13 years old 4 = 14 years old 5 = 15 years old 6 = 16 years old 7 = 17 years old [-1 = item not answered]
A40	Tetanus coverage	Tetanus boosters are given every 10 years. The first booster is usually given around age 11 or 12. Has [NAME] received a tetanus booster, also called Td or Tdap shot?	0 = No 1 = Yes [-1 = item not answered]
A50	Meningitis coverage	Has [NAME] received a meningitis shot, sometimes called Menactra, Menveo, or Menomune?	0 = No 1 = Yes [-1 = item not answered]
A60	Flu coverage	Each fall a seasonal influenza or flu vaccine becomes available. It can be given as a shot injected into the arm or as a mist that is sprayed in the nose (also called FluMist). Did [NAME] receive a seasonal flu vaccine this past flu season?	0 = No 1 = Yes [-1 = item not answered]
A70	Awareness	Have you ever heard of the human papillomavirus (HPV) vaccine before today? It's also called Gardasil or Cervarix.	0 = No 1 = Yes 2 = I don't know [-1 = item not answered]
A80	Prompt	The HPV vaccine can prevent several cancers and genital warts.	
A90	Vaccination completion	How many shots of the HPV vaccine has [NAME] had? [FORCE A RESPONSE TO THIS QUESTION]	0 = None 1 = 1 shot 2 = 2 shots 3 = 3 shots

			4 = At least one shot but I don't know how many [-1 = item not answered] [IF A90 = 0, SKIP TO A100] [IF A90 = 1, 2, 3 OR 4, CONTINUE TO A95]
A95	Vaccine initiation	[IF A33=11, DO NOT ALLOW RESPONSES 3-8 ON A95] [IF A33=12, DO NOT ALLOW RESPONSES 4-8 ON A95] [IF A33=13, DO NOT ALLOW RESPONSES 5-8 ON A95] [IF A33=14, DO NOT ALLOW RESPONSES 6-8 ON A95] [IF A33=15, DO NOT ALLOW RESPONSES 7-8 ON A95] [IF A33=16, DO NOT ALLOW RESPONSES 8 ON A95] At what age did [NAME] get the first shot of the HPV vaccine?	1 = 10 years old or younger 2 = 11 years old 3 = 12 years old 4 = 13 years old 5 = 14 years old 6 = 15 years old 7 = 16 years old 8 = 17 years old [-1 = item not answered]
A100	Intention	[IF A90 ≠ 3 CONTINUE TO A100] [IF A90=3 , SKIP TO B120] How likely are you to get [NAME] the HPV vaccine in the next year? Would you say you ...	1 = Definitely won't 2 = Probably won't 3 = Probably will 4 = Definitely will [-1 = item not answered]

B. GENERAL VACCINE ATTITUDES

Item #	Item construct	Item	Response scale
		[RANDOMIZE ITEMS B120-B150]	
B120	Vaccine confidence	Say how much you agree or disagree with the next statements. Vaccines are necessary to protect the health of children [NAME]'s age.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
B130	Vaccine confidence	Vaccines do a good job in preventing the diseases they are intended to prevent.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
B140	Vaccine confidence	Vaccines are safe.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree

			[-1 = item not answered]
B150	Vaccine confidence	If I do not vaccinate [NAME], [HE/SHE] may get a disease such as meningitis and cause other teenagers or adults also to get the disease.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
B160	Perceived parental vaccine importance	I feel that the <u>tetanus booster</u> for [NAME] is ...	1 = Not important 2 = Slightly important 3 = Moderately important 4 = Very important 5 = Extremely important [-1 = item not answered]
B170	Perceived parental vaccine importance	I feel that the <u>meningitis vaccine</u> for [NAME] is ...	1 = Not important 2 = Slightly important 3 = Moderately important 4 = Very important 5 = Extremely important [-1 = item not answered]
B180	Perceived parental vaccine importance	I feel that the <u>HPV vaccine</u> for [NAME] is ...	1 = Not important 2 = Slightly important 3 = Moderately important 4 = Very important 5 = Extremely important [-1 = item not answered]

C. HPV VACCINE ATTITUDES

Item #	Item construct	Item	Response scale
C200	CHIAS - Harm	Say how much you agree or disagree with the next statements. The HPV vaccine might cause lasting health problems.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
C210	CHIAS - Harm	The HPV vaccine is being pushed to make money for drug companies.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
C220	CHIAS - Uncertainty	I don't have enough information about the HPV vaccine to decide whether to give it to [NAME].	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]

C240	CHIAS - Barriers	It would be hard to find a provider or clinic where I can afford HPV vaccine for [NAME].	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
C230	CHIAS - Effectiveness	The HPV vaccine is effective in preventing cervical cancer.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]

D. RECOMMENDATION QUALITY

Item #	Item construct	Item	Response scale
D260	Raise topic	Which of the following vaccines for [NAME] have ever come up during conversations with a doctor or health care provider?" (Check all that apply.)	1 = Tetanus booster 2 = Meningitis vaccine 3 = HPV vaccine 4 = None of these [IF "4=NONE OF THESE" IS SELECTED, DO NOT ALLOW RESPONSE OPTIONS]
D270	Strength of endorsement – Tdap	How important has a doctor or health care provider said the <u>tetanus booster</u> is for [NAME]?	1 = Not important 2 = Slightly important 3 = Moderately important 4 = Very important 5 = Extremely important [-1 = item not answered]
D280	Strength of endorsement - Menin	How important has a doctor or health care provider said <u>meningitis vaccine</u> is for [NAME]?	1 = Not important 2 = Slightly important 3 = Moderately important 4 = Very important 5 = Extremely important [-1 = item not answered]
D290	Strength of endorsement - HPV	How important has a doctor or health care provider said the <u>HPV vaccine</u> is for [NAME]?	1 = Not important 2 = Slightly important 3 = Moderately important 4 = Very important 5 = Extremely important [-1 = item not answered]
D300	Recommendation delivery	[IF D300 = 0 SKIP TO D325 IF D300 = 1 CONTINUE TO D310] Has a doctor or other health care provider ever told you [NAME] should get the HPV vaccine?	0 = No 1 = Yes [-1 = item not answered]
D310	Recommendation urgency	Think about the <u>first time</u> a doctor or health care provider told you [NAME]	1 = Recommend getting the HPV vaccine at the current visit

		should get the HPV vaccine. Did the doctor or health care provider...	2 = Recommend getting the HPV vaccine at a later visit 3 = Give you a choice about when to get the HPV vaccine 4 = Not discuss when to get the HPV vaccine 5 = Recommend not getting the HPV vaccine [-1 = item not answered]
D320	Prevention topics	What did the doctor or health care provider say the HPV vaccine could prevent? (Check all that apply.)	1 = Cervical cancer 2 = Other cancers 3 = Genital warts 4 = None of these [-1 = item not answered] [IF "4=NONE OF THESE" IS SELECTED, DO NOT ALLOW RESPONSE OPTIONS 1-3]
D325	Perceived discomfort	[IF D260 = 3 CONTINUE TO D325, IF D260 ≠ 3, SKIP TO E330] Say how much you agree or disagree with this statement. Having to talk about a sexually transmitted infection made conversations with [NAME]'s doctor or health care provider about the HPV vaccine uncomfortable.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]

E. COMMUNICATION PREFERENCES

Item #	Item construct	Item	Response scale
E330	Length of discussion	Imagine that you are at a regular check-up for [NAME] and a doctor or other health care provider recommends the HPV vaccine for the first time. Would you want to make a decision about getting the HPV vaccine for [NAME] ...	1 = At that visit without further discussion 2 = At that visit after a brief discussion 3 = At that visit after a long discussion 4 = At a later visit
E340	Resources	Which of the following would be helpful when deciding about getting the HPV vaccine for [NAME] at a regular check-up? (Check all that apply.)	1 = Talking to a doctor 2 = Talking to a nurse 3 = Reading an information sheet 4 = Watching an informational video 5 = None of these [-1 = item not answered]

			[IF "5=NONE OF THESE" IS SELECTED, DO NOT ALLOW RESPONSE OPTIONS 1-4.]
E350	Recommendation age preference	In your opinion, when should doctors and other health care providers start recommending the HPV vaccine for children like [NAME]? Prevention of ...	1 = Age 10 or younger 2 = Age 11 or 12 3 = Age 13 or 14 4 = Age 15 or 16 5 = Age 17 or 18 6 = Age 19 or older 7 = I don't think they should recommend the HPV vaccine [-1 = item not answered]
E360		Which of the following benefits of the HPV vaccine would you be most interested in learning about from [NAME]'s doctor or health care provider? Prevention of ...	1 = Cervical cancer 2 = Other cancers 3 = Genital warts 4 = Sexually transmitted infections 5 = Pregnancy complications such as preterm delivery 6 = None of these [-1 = item not answered]

F. REFUSAL AND DELAY

Item #	Item construct	Item	Response scale
F370	Refusal	The next questions ask first about times when you decided not to get the HPV vaccine for [NAME], and then about times when you delayed getting the HPV vaccine. Has there ever been a time when you <u>refused or decided not to get</u> the HPV vaccine for [NAME]?	0 = No 1 = Yes [-1 = item not answered] [IF F370 =0 SKIP TO F390]
F380	Refusal reasons	Why did you refuse or decide not to get the HPV vaccine for [NAME]? (Check all that apply.)	1 = It might not be effective 2 = You needed more information about it 3 = [NAME] was not sexually active 4 = [NAME] did not need it 5 = It was not recommended by a doctor or other health care provider 6 = You had concerns about it causing lasting health problems

			<p>7 = You had concerns about it causing short-term health problems, like fever and discomfort</p> <p>8 = [NAME] was ill at the time of the visit</p> <p>9 = Getting it was not convenient</p> <p>10 = You had concerns about how much it costs</p> <p>11 = None of these</p> <p>[-1 = item not answered]</p> <p>[IF "11=NONE OF THESE" IS SELECTED, DO NOT ALLOW RESPONSE OPTIONS 1-10.]</p>
F390	Delay	Has there ever been a time when you <u>delayed or put off getting</u> the HPV vaccine for [NAME]?	<p>0 = No</p> <p>1 = Yes</p> <p>[-1 = item not answered]</p> <p>[IF F390 = 0 SKIP TO G430]</p>
F400	Delay reasons	Why did you delay or put off getting the HPV vaccine for [NAME]? (Check all that apply.)	<p>1 = It might not be effective</p> <p>2 = You needed more information about it</p> <p>3 = [NAME] was not sexually active</p> <p>4 = [NAME] did not need it</p> <p>5 = It was not recommended by a doctor or other health care provider</p> <p>6 = You had concerns about it causing lasting health problems</p> <p>7 = You had concerns about it causing short-term health problems, like fever and discomfort</p> <p>8 = [NAME] was ill at the time of the visit</p> <p>9 = Getting it was not convenient</p> <p>10 = You had concerns about how much it costs</p> <p>11 = None of these</p> <p>[IF "11=NONE OF THESE" IS SELECTED,</p>

			DO NOT ALLOW OTHER RESPONSE OPTIONS.]
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G. MOTIVATIONAL STATEMENTS

Item #	Item Construct	Item	Response scale
G430	Motivational statements	[RANDOMIZE PARTICIPANT TO RECEIVE ONLY ONE OF THE NEXT THREE QUESTIONS: G440, G450, OR G460]	1 = Panel A (G440) 2 = Panel B (G450) 3 = Panel C (G460)
G440	Motivational statements (Panel A)	Would these statements made by a doctor persuade you to get the HPV vaccine for [NAME]? Say yes or no for each statement.	<p>1 = My child has gotten HPV vaccine. [NAME] should, too.</p> <p>2 = I see you got hepatitis B vaccine for [NAME]. That's also a cancer vaccine for an infectious disease.</p> <p>3 = HPV vaccine is very important because it prevents cancer. I want [NAME] to be protected from cancer. That's why I'm recommending that [HE/SHE] receives the first dose of HPV vaccine today.</p> <p>4 = HPV vaccine has been carefully studied by medical and scientific experts. HPV vaccine has been shown to be very effective and very safe. Like other shots, most side effects are mild, primarily pain or redness in the arm. This should go away quickly, and HPV vaccine has not been associated with any long-term side effects. Since 2006, about 57 million doses of HPV vaccine have been distributed in the U.S., and in the years of HPV vaccine safety studies and monitoring, no serious safety concerns have been identified.</p> <p>5 = We're vaccinating today so [NAME] will have the best protection possible long</p>

			<p>before the start of any kind of sexual activity. We vaccinate people well before they are exposed to an infection, as is the case with measles and the other recommended childhood vaccines. Similarly, we want to vaccinate children well before they get exposed to HPV.</p> <p>[-1 = item not answered]</p> <p>[RANDOMIZE ORDER OF RESPONSE OPTIONS 1-5]</p>
G450	Motivational statements (Panel B)	Would these statements made by a doctor persuade you to get the HPV vaccine for [NAME]? Say yes or no for each statement.	<p>1 = [NAME] can get [DISEASE] as an adult, but you can stop that right now. The HPV vaccine prevents most [DISEASE]s. [IF A32= 1, “DISEASE” = “anal cancer”] [IF A32 = 2, “DISEASE” = “cervical cancer”]</p> <p>2 = There will be many things in [NAME]’s life that you can’t control. But you can control whether [HE/SHE] gets some dangerous kinds of HPV.</p> <p>3 = Research has shown that getting the HPV vaccine does not make kids more likely to be sexually active or start having sex at a younger age.</p> <p>4 = HPV is so common that almost everyone will be infected at some point. It is estimated that 79 million Americans are currently infected, with 14 million new HPV infections each year. Most people infected will never know. So even if [NAME] waits until marriage to have sex, or only has one partner in the future, [HE/SHE] could still be</p>

			<p>exposed if [HIS/HER] partner has been exposed.</p> <p>5 = I strongly believe in the importance of this cancer-preventing vaccine, and I have given HPV vaccine to my child. Experts (like the American Academy of Pediatrics, cancer doctors, and the CDC) also agree that this vaccine is very important for [NAME]. [-1 = item not answered]</p> <p>[RANDOMIZE ORDER OF RESPONSE OPTIONS 1-5]</p>
G460	Motivational statements (Panel C)	Would these statements made by a doctor persuade you to get the HPV vaccine for [NAME] ? Say yes or no for each statement.	<p>1 = I strongly believe in the importance of this cancer-preventing vaccine for [NAME].</p> <p>2 = Would you wait until [NAME] is in a car accident before you tell [HIM/HER] to wear a seatbelt?</p> <p>3 = HPV can cause cancers of the cervix, vagina, and vulva in women, cancer of the penis in men, and cancers of the anus and the mouth or throat in both women and men. There are about 26,000 of these cancers each year—and most could be prevented with HPV vaccine. There are also many more precancerous conditions requiring treatment that can have lasting effects.</p> <p>4 = In clinical trials of boys and girls, the vaccine was shown to be extremely effective. In addition, studies in the U.S. and other countries that have introduced HPV vaccine have shown a significant reduction in infections caused by the HPV types targeted by the vaccine.</p>

			<p>5 = I want to make sure that [NAME] receives all 3 shots of HPV vaccine to give [HIM/HER] the best possible protection from cancer caused by HPV. Please make sure to make appointments on the way out, and put those appointments on your calendar before you leave the office today!</p> <p>[-1 = item not answered]</p> <p>[RANDOMIZE ORDER OF RESPONSE OPTIONS 1-5]</p>
G490	Prompt	<p>The next items are about [NAME]’s doctor.</p> <p>[RANDOMIZE ORDER OF ITEMS G500 AND G510]</p>	
G500	Communication style - presumptive	<p>Some doctors introduce the HPV vaccine by using a direct statement that assumes parents are ready to vaccinate. They might say: “It’s time for your child to get the HPV vaccine. We’ll give it at the end of the visit.”</p> <p>If [NAME]’s doctor said this to you, it would... (Check all that apply.)</p>	<p>1 = Instill confidence 2 = Cause mistrust 3 = Lead you to get the HPV vaccine for [NAME] at that visit</p> <p>[-1 = item not answered]</p>
G510	Communication style - participatory	<p>Some doctors introduce the HPV vaccine by trying to engage parents in a conversation about the vaccine. They might give information about the HPV vaccine, recommend it and then ask: “Do you have any questions?”</p> <p>If [NAME]’s doctor said this to you, it would... (Check all that apply.)</p>	<p>1 = Instill confidence 2 = Cause mistrust 3 = Lead you to get the HPV vaccine for [NAME] at that visit.</p> <p>[-1 = item not answered]</p>

H. VACCINATION LAWS

Item #	Item Construct	Item	Response scale
H512	Undermine recommendation	<p>Say how much you agree or disagree with this statement.</p> <p>Having a school entry requirement for the tetanus booster but not for the HPV vaccine makes me think the HPV vaccine is less important.</p>	<p>1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree</p> <p>[-1 = item not answered]</p>

H514	HPV vax laws	<p>Some states are trying to pass laws that would require all 11 and 12 year-olds to get the HPV vaccine before they are allowed to start 6th grade.</p> <p>Say how much you agree or disagree with the next statements.</p> <p>I think these laws are a good idea.</p>	<p>1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]</p> <p>[IF H514 = 1-3 CONTINUE H516] [IF H514 = 4-5 SKIP TO I520]</p>
H516	HPV vax laws	<p>It is okay to have these laws <u>only</u> if parents can opt out if they want to.</p>	<p>1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]</p>

I. VACCINATION IN PHARMACIES

Item #	Item construct	Item	Response scale
I520	Alternative settings	<p>Many children get vaccines at places other than their doctor's office.</p> <p>Has [NAME] ever received a vaccine at a ... (Check all that apply.)</p>	<p>1 = Pharmacy 2 = School 3 = Health department 4 = None of these [-1 = item not answered]</p> <p>[IF I520 = 1 CONTINUE I530] [IF I520 = 2, 3 OR 4 SKIP TO I565]</p> <p>[IF 4 = "None of these" IS SELECTED, DO NOT ALLOW RESPONSES 1-3 OR 5]</p>
I530	Vaccines received	<p>Which vaccines has [NAME] received at a pharmacy? (Check all that apply.)</p>	<p>1 = Tetanus booster 2 = Meningitis vaccine 3 = HPV vaccine 4 = Flu vaccine 5 = Another vaccine [-1 = item not answered]</p>
I565	Training awareness	<p>Say whether you think the next statements are true or false.</p> <p>The majority of the nation's pharmacists are trained to give vaccines to <u>adults</u>.</p>	<p>1 = True 2 = False 3 = I don't know [-1 = item not answered]</p>
I570	Training awareness	<p>The majority of the nation's pharmacists are trained to give vaccines to <u>children</u> <u>ages 11-17</u>.</p>	<p>1 = True 2 = False 3 = I don't know</p>

			[-1 = item not answered]
		[PARTICIPANT MAY NOT GO BACK TO PREVIOUS QUESTIONS FROM THIS POINT]	
I580	Prompt	<p>The majority of pharmacists in all 50 states are immunizing pharmacists trained to give vaccines. The training covers how to screen patients for vaccine eligibility, educate them, and monitor them for side effects.</p> <p>Say how much you agree or disagree with the next statements about adolescents ages 11-17.</p>	
I590	Counseling	Immunizing pharmacists can advise parents about the health benefits and risks of getting adolescents vaccinated.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I600	Safety	Immunizing pharmacists can give vaccines to adolescents as safely as doctors.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I610	Safety	Immunizing pharmacists can give vaccines to adolescents as safely as nurses.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I620	Pharmacist knowledge	Immunizing pharmacists know what to do if vaccination causes adolescents to have a minor problem, like arm soreness.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I630	Pharmacist knowledge	Immunizing pharmacists know what to do if vaccination causes adolescents to have a major problem, like an allergic reaction.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I640	Counseling	Immunizing pharmacists have enough time to address questions and concerns about vaccines for adolescents.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]

I650	Reporting	When immunizing pharmacists give vaccinations, they routinely report this information to adolescents' doctors or health care providers.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I660	Care coordination	If I got [NAME] a vaccine from an immunizing pharmacist, we would still go to [NAME]'s doctor just as often.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
I670	Care coordination	Getting [NAME] a vaccine from an immunizing pharmacist would give [HIM/HER] more opportunities to get health care, in addition to the care [NAME]'s doctor gives.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]

J. MY CHILD'S PHARMACY

Item #	Item construct	Item	Response scale
J674	Pharmacy type	Think about the pharmacy you would usually go to if you needed to get [NAME] prescription medications. This pharmacy is ...	1 = A chain pharmacy (like CVS or Walgreens) 2 = A pharmacy in a grocery store (like Kroger or Safeway) 3 = A pharmacy in a big box store (like Target or Walmart) 4 = A pharmacy in a clinic or hospital where [NAME] receives medical care 5 = An independent pharmacy [-1 = item not answered]
J678	Prompt	The next questions are about the pharmacists and the pharmacy where you would usually get [NAME] prescription medications. Say how much you agree or disagree with the next statements.	
J686	Service performance - Tangibles	The pharmacist is well dressed and appear neat.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J680	Service performance – Empathy	This pharmacy has operating hours convenient to me.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree

			4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J682	Service performance - Tangibles	This pharmacy is visually appealing.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J684	Service performance - Tangibles	This pharmacy's appearance is what I would expect from a place that provides quality health care.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J688	Service performance - Reliability	When I have problems, the pharmacist is sympathetic and reassuring.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J690	Service performance - Responsiveness	The pharmacist responds to my requests promptly.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J692	Service performance - Assurance	I can trust the pharmacist.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J694	Service performance - Assurance	I feel safe in my interactions with the pharmacist.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J696	Service performance - Empathy	The pharmacist gives me personal attention.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
J696a	Satisfaction	Overall, how satisfied are you with the health services you have received at the pharmacy where you usually get [NAME] prescription medications?	1 = Completely dissatisfied 2 = Mostly dissatisfied 3 = Somewhat dissatisfied 4 = Neither satisfied or dissatisfied

			5 = Somewhat satisfied 6 = Mostly satisfied 7 = Completely satisfied [-1 = item not answered]
J700	Vaccine provision	For the next questions, continue thinking about the pharmacy you would usually go to if you needed to get [NAME] prescription medications. Can adults get vaccinated at this pharmacy?	0 = No 1 = Yes 2 = Don't know [-1 = item not answered]
J710	Vaccine provision	Can children as young as age 11 get vaccinated at this pharmacy?	0 = No 1 = Yes 2 = Don't know [-1 = item not answered]
J720	Familiarity	How well do you know the pharmacists who work at this pharmacy?	1 = Not well at all 2 = Moderately well 3 = Very well [-1 = item not answered]
J730	Time	About how many minutes does it take you to get to this pharmacy where you would usually go to if you needed to get [NAME] prescription medications?	[Open-ended] Minutes [RANGE 0-120]
J740	Time	About how many minutes does it take you to get to [NAME]'s doctor's office?	[Open-ended] Minutes [RANGE 0-120]

K. SITE COMPARISON

Item #	Item construct	Item	Response scale
K750	Prompt	Imagine [NAME] needed a vaccine such as tetanus booster, meningitis vaccine, or HPV vaccine. Also imagine these vaccines are available at pharmacies and doctor's offices.	
K760	Comparison	Would a pharmacy or a doctor's office Be a safer place to get [NAME] vaccinated?	1=Pharmacy 2=Doctor's office 3=They're the same [-1 = item not answered]
K770	Comparison	... Take less time to get [NAME] vaccinated?	1=Pharmacy 2=Doctor's office 3=They're the same [-1 = item not answered]
K780	Comparison	... Be more likely to vaccinate [NAME] without an appointment?	1=Pharmacy 2=Doctor's office 3=They're the same [-1 = item not answered]
K790	Comparison	... Have more convenient hours to get [NAME] vaccinated?	1=Pharmacy 2=Doctor's office

			3=They're the same [-1 = item not answered]
K800	Comparison	... Be more likely to tell you the cost of the vaccine before giving it to [NAME]?	1=Pharmacy 2=Doctor's office 3=They're the same [-1 = item not answered]
K810	Comparison	... Be more likely to provide privacy while [NAME] is vaccinated?	1=Pharmacy 2=Doctor's office 3=They're the same [-1 = item not answered]
K820	Comparison	... Be more likely to have staff who are welcoming?	1=Pharmacy 2=Doctor's office 3=They're the same [-1 = item not answered]
K830	Comparison	Which of these is most important when <u>choosing</u> between a pharmacy and a doctor's office as a place to get [NAME] vaccinated?	1 = Be a safe place to get vaccinated 2= Take less time to get vaccinated 3 = Not require an appointment 4 = Have more convenient hours of operation 5 = Tell you the cost of the vaccine before giving it 6 = Provide privacy while getting vaccinated 7 = Have staff who are welcoming [-1 = item not answered]

L. HPV VACCINATIONS IN PHARMACIES

Item #	Item construct	Item	Response scale
L850	Comfort	Imagine that [NAME] needed to get tetanus booster, meningitis, HPV, and flu vaccines. Which of these vaccines would you be willing to get [NAME] at a pharmacy? (Check all that apply.)	1 = All of these vaccines 2 = Tetanus booster 3 = Meningitis vaccine 4 = HPV vaccine 5 = Flu vaccine 6 = None of these vaccines [-1 = item not answered] [IF L850=1, DO NOT ALLOW RESPONSES 2-6 IF L850=6, DO NOT ALLOW RESPONSES 1-5]
L870	Prompt	45 states allow immunizing pharmacists to give the HPV vaccine. Think about these immunizing pharmacists when answering the next questions.	

L880	Willingness	<p>Imagine you and [NAME] decided to get the HPV vaccine for [HIM/HER].</p> <p>How willing would you be to have [NAME] receive it from an immunizing pharmacist?</p> <p>[FORCE A RESPONSE TO THIS QUESTION]</p>	<p>1 = Definitely not willing 2 = Probably not willing 3 = Probably willing 4 = Definitely willing [-1 = item not answered]</p> <p>[IF L880 =1 OR 2 CONTINUE TO L890 IF L880 = 3 OR 4, SKIP TO L900]</p>
L890	Willingness	<p>Imagine you and [NAME] decided to get the HPV vaccine for [HIM/HER].</p> <p>You would be willing to have [NAME] receive it from an immunizing pharmacist, only if ... (Check all that apply.)</p> <p>[FORCE A RESPONSE TO THIS QUESTION]</p>	<p>1 = [NAME]'s doctor or health care provider recommends going to the pharmacy 2 = The pharmacist reports all doses back to [NAME]'s doctor or health care provider 3 = The pharmacist is trained to give vaccines and monitor for side effects 4 = The pharmacist has a proper place to discuss and give vaccines 5 = You know the pharmacist giving the vaccine 6 = You do not have to make an appointment in advance 7 = The pharmacy is easier to get to than [NAME]'s doctor's office 8 = The pharmacy gives vaccines during extended hours, such as evenings and weekends 9 = None of these [-1 = item not answered]</p> <p>[IF 9 = "None of these" IS SELECTED, DO NOT ALLOW RESPONSES 1-8]</p>
L900	Comfort	<p>Imagine you decided to get [NAME] the HPV vaccine at a pharmacy.</p> <p>Which types of pharmacy would you be willing to take [NAME] to? (Check all that apply.)</p>	<p>1 = A chain pharmacy (like CVS or Walgreens) 2 = A pharmacy in a grocery store (like Kroger or Safeway) 3 = A pharmacy in a big box store (like Target or Walmart) 4 = A pharmacy in a clinic or hospital where [NAME] receives medical care</p>

			<p>5 = An independent pharmacy 6 = I would go to any of these [-1 = item not answered]</p> <p>[IF L900=6, DO NOT ALLOW RESPONSES 1-5]</p>
L860	Information preferences	<p>Imagine you and [NAME] decided to get the HPV vaccine for [HIM/HER].</p> <p>Also imagine that the pharmacy where you get [NAME]'s prescription medications started to offer the HPV vaccine for children ages 11-17.</p> <p>How would you like to find out about this program? (Check all that apply.)</p>	<p>1 = Letter home from the pharmacy 2 = Phone call from the pharmacy 3 = Sign in the pharmacy 4 = Note on your cash register receipt 5 = A flyer in the bag with your purchases 6 = A conversation with a pharmacist 7 = A conversation with [NAME]'s doctor or health care provider 8 = I do not want this information from a pharmacy [-1 = item not answered]</p> <p>[IF 8 = "I do not want information from a pharmacy" IS SELECTED, DO NOT ALLOW RESPONSES 1-7]</p>
L910	Delivery preference	<p>The HPV vaccine requires 3 shots over six months. If you and [NAME] decided to get [HIM/HER] the HPV vaccine, which of these options would you most prefer?</p>	<p>1 = All of the shots at a doctor's office 2 = The first shot at a doctor's office, and the rest at a pharmacy 3 = All of the shots at a pharmacy [-1 = item not answered]</p>
L920	Teen benefits	<p>Laws that allow immunizing pharmacists to give the HPV vaccine often apply to 13-17 year olds past due for the vaccine.</p> <p>Say how much you agree or disagree with this statement.</p> <p>It benefits 13-17 year olds who are past due for the HPV vaccine to receive it from specially trained pharmacists.</p>	<p>1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]</p> <p>[IF L920 =1, 2, 3 CONTINUE TO L930] [IF L920=4, 5 SKIP TO M940]</p>

L930	Teen benefits	Doing this would benefit adolescents only if pharmacists... (Check all that apply.)	1 = Have proper training in administering vaccines and monitoring for side effects 2 = Report the HPV vaccine doses to doctors and other health care providers 3 = Enter the HPV vaccine doses into the state's immunization registry (which improves health care communication) 4 = Give only the second and third doses 5 = Refer adolescents back to doctors and other health care providers for other services 6 = Create a vaccination protocol with doctors (specifying steps to screen for vaccine eligibility, administer the HPV vaccine, report doses, and monitor for side effects) 7 = Other, please specify: [open ended] 8 = These laws would never benefit adolescents [-1 = item not answered] [IF "8= These laws would never benefit adolescents" IS SELECTED, DO NOT ALLOW RESPONSES 1-7]
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M. DEMOGRAPHICS

Item #	Item Construct	Item	Response scale
M940	Ethnicity	Is [NAME] Hispanic or [ETHNICITY]? [IF A32 = 1 "MALE", THEN "ETHNICITY" = "Latino"] [IF A32 = 2 "FEMALE", THEN "ETHNICITY" = "Latina"]	0 = No 1 = Yes [-1 = item not answered]
M950	Race	What is [NAME]'s race or ethnicity? (Check all that apply.)	1 = White 2 = Black or African American 3 = Asian 4 = Native Hawaiian or Pacific Islander

			5 = American Indian or Alaska Native 6 = Other, please specify: [open ended] [-1 = item not answered]
M960	Perceived health	In general, would you say [NAME]'s health is:	1 = Excellent 2 = Very good 3 = Good 4 = Fair 5 = Poor [-1 = item not answered]
M980	Decision-making	In your household, who is the main person who makes decisions about [NAME]'s health care?	1 = You 2 = Your spouse or partner 3 = [NAME] 4 = Someone else [-1 = item not answered]
M992	Reactance	Say how much you agree or disagree with the next statements. I become frustrated when I am unable to make free and independent decisions.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
M994	Reactance	Regulations trigger a sense of resistance in me.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
M996	Reactance	When someone forces me to do something, I feel like doing the opposite.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
M1000	Practice environment	The next questions will help us understand how doctors' offices interact with their patients. Say how much you agree or disagree with this statement. Staff and clinicians at [NAME]'s doctor's office work to create a welcoming environment for gay, lesbian, and bisexual adolescents.	1 = Strongly disagree 2 = Somewhat disagree 3 = Neither disagree or agree 4 = Somewhat agree 5 = Strongly agree [-1 = item not answered]
M1010	Practice environment	If [NAME] were [GLB] or bisexual, how helpful would it be to have [NAME]'s doctor help [HIM/HER] "come out" to you? [IF A32= 1, THEN FOR M1010:	1 = Definitely not helpful 2 = Probably not helpful 3 = Not sure 4 = Probably helpful 5 = Definitely helpful [-1 = item not answered]

		GBL = “gay” AND HIM/HER = “him”] [IF A32 = 2, THEN FOR M1010: GBL = “lesbian” AND HIM/HER = “her”]	
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