

### HPV Immunization in Sons (HIS) Study – Follow-Up Parent Survey (2011)

This survey was designed by Noel Brewer, Paul Reiter, and colleagues at the UNC Gillings School of Global Public Health (<http://www.unc.edu/~ntbrewer/hpv.htm>). Follow-up data collection was via an online survey with a national sample of parents with adolescent sons ages 11-17 years (n=327). Follow-Up surveys were completed during November 2011. A sample of sons also completed follow-up surveys (see HIS Follow-Up Son Survey).

#### Preferred citation:

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*[...] Brackets indicate text that participants did not see, including source of item, instructions to the programmer or response scale options not seen by participants*

<u>Item #</u>	<u>Construct</u>	<u>Item</u>	<u>Response Scale</u>
<b>INTRODUCTION</b>			
P600	Son's Age	Just to confirm, we are talking about your son [name] who was [age] years old last year.  How old is [name] now?	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 8 = 18 years old 9 = 19 years old [-1 = item not answered]
<b>AWARENESS</b>			
P605	Informative Statement	HPV is a common sexually transmitted infection that sometimes leads to genital warts or cancer.  The HPV vaccine can help prevent these diseases. It has been available for guys for a few	

		years now. By guys, we mean boys and young men 9-26 years old.	
P610	Information Sources	In the <u>last year</u> , have you heard from any of these sources that the HPV vaccine can be given to guys? Check all that apply.	
P615	Information Sources	<p>Now think about what you have heard in the media about the HPV vaccine for guys. This does <u>not</u> include commercials or ads.</p> <p>In the <u>last year</u>, have you heard about it... (check all that apply)</p>	<p>1 = In a newspaper or magazine  2 = On TV or the radio  3 = On the internet  4 = None of the above  [-1 = item not answered]</p> <p><b>Note to programmers: Do not allow other response options if "4=None of the above" is selected]</b></p> <p><i>Modified from (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</i></p>
P616	Awareness - Anal Cancer Prevention	The government recently announced that the HPV vaccine can prevent a kind of cancer in guys. Have you heard about this?	<p>1 = Yes  0 = No  9 = I don't know  [-1 = item not answered]</p>
P617	Vaccine Controversy	Have you heard about comments on the HPV vaccine made at a recent presidential debate?	<p>1 = Yes  0 = No  9 = I don't know  [-1 = item not answered]</p> <p><b>[IF P617=1 CONTINUE TO P618]  [IF P617=0,9,-1 SKIP TO P621]</b></p>

P618	Vaccine Controversy	From what you heard, were the candidates' comments about the HPV vaccine...	1 = Mostly in favor of the vaccine 2 = Mostly against the vaccine 3 = Neutral [-1 = item not answered]
P619	Vaccine Controversy	From what you heard, was the media coverage that followed the debate...	1 = Mostly in favor of the vaccine 2 = Mostly against the vaccine 3 = Neutral [-1 = item not answered]
P620	Vaccine Controversy	The candidates' comments made my opinions about the HPV vaccine...	1 = More in favor of the vaccine 2 = More against the vaccine 3 = Had no effect [-1 = item not answered]
P621	Vaccine Controversy	<p><b>[Items P621 thru P623 can appear in a grid on a single screen. A reminder should come up if participants don't answer all of the items in the grid.]</b></p> <p>Please tell us how much you agree or disagree with the following statements.</p> <p>The HPV vaccine might cause short term problems, like fever or discomfort.</p>	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree [-1 = item not answered] <p><i>Modified from (McRee, Brewer, Reiter, Gottlieb, &amp; Smith, 2010)</i></p>
P622	Vaccine Controversy	The HPV vaccine might cause lasting health problems <u>for guys</u> .	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree [-1 = item not answered] <p><i>Modified from (McRee, Brewer, Reiter, Gottlieb, &amp; Smith, 2010)</i></p>

P623	Vaccine Controversy	The HPV vaccine might cause lasting health problems <u>for girls</u> .	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree [-1 = item not answered]  <i>Modified from</i> (McRee, Brewer, Reiter, Gottlieb, & Smith, 2010)
<b>HPV VACCINATION</b>			
P625	Son Ask for Vaccine	The next few questions are about your son and the HPV vaccine.  Did [name] ever say he wanted to get the HPV vaccine?	1 = Yes 0 = No [-1 = item not answered]  <i>Modified from</i> (Brewer, Gottlieb, Reiter, McRee, Liddon, Markowitz, & Smith, 2009)
P630	Vaccination Coverage	The HPV vaccine requires 3 shots over six months.  Has [name] had any shots of the HPV vaccine?	1 = Yes 0 = No 9 = I don't know [-1 = item not answered]  <b>[Note to programmers: Provide reminder for participants who try to skip item to answer it.]</b>  <i>Modified from</i> (McRee, Gottlieb, Reiter, Dittus, & Brewer, Unpublished Manuscript)
P632	Decision-Making	How much did you participate in making the decision about whether or not [name] got the HPV vaccine?	1 = Not at all 2 = A little 3 = A moderate amount 4 = A lot [-1 = item not answered]  <i>Modified from</i> (Brewer, Gottlieb, Reiter, McRee, Liddon, Markowitz, & Smith, 2009)

			<p><b>[IF P630=1 CONTINUE TO P635]</b>  <b>[IF P630=0,9,-1 SKIP TO P665]</b></p>
P635	Vaccination	How old was [name] when he got his first HPV vaccine shot?	<p><b>[Note to programmers: Do not allow the age reported for this item to be larger than the age reported for P600. Please notice however that the coding schemes are different between two items (i.e. 1=11 years old for P600 but 1=9 years old for this item) and this will need to be accounted for when setting up this logic statement.]</b></p> <p><b>[IF P630=1]</b></p> <p>1 = 9 years  2 = 10 years  3 = 11 years  4 = 12 years  5 = 13 years  6 = 14 years  7 = 15 years  8 = 16 years  9 = 17 years  10 = 18 years  11 = 19 years  [-1 = item not answered]</p> <p><i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished manuscript)</i></p>
P640	Vaccination	How many HPV vaccine shots has [name] gotten?	<p><b>[IF P630=1]</b></p> <p>1 = 1  2 = 2  3 = 3  4 = At least one shot, but I don't know how many  [-1 = item not answered]</p>

			<p><b>[IF P640=1 CONTINUE TO P645]</b></p> <p><b>[IF P640=2 SKIP TO P650]</b></p> <p><b>[IF P640=3,4, -1 SKIP TO P655]</b></p> <p><i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, 2009)</i></p>
P645	Vaccination Schedule	Did [name] get the HPV shot in the last 4 months (since [month4 day], 2011)?	<p><b>[IF P630=1 AND P640=1]</b></p> <p>1 = Yes 0 = No 9 = I don't know [-1 = item not answered]</p> <p><b>[SKIP TO P655]</b></p> <p><i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished manuscript)</i></p>
P650	Vaccination Schedule	Did [name] get his second HPV shot in the last 6 months (since [month 6 day], 2011)?	<p><b>[IF P630=1 AND P640=2]</b></p> <p>1 = Yes 0 = No 9 = I don't know [-1 = item not answered]</p> <p><i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished manuscript)</i></p>
P655	Cue to Action	What is the main reason you decided to get [name] vaccinated?	<p><b>[IF P630=1]</b></p> <p>1 = His doctor said I should 2 = To protect him against cancer 3 = To protect him against genital warts 4 = To protect his future girlfriend or wife's health 5 = Other, please specify: _____ <b>[open ended, Item # P656]</b> [-1 = item not answered]</p>

			<p><i>Modified from</i> (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</p>
P660	Paying for Vaccine	<p>When [name] got his first dose of the HPV vaccine, how much did you pay out of pocket (not covered by insurance)? Type in any costs not covered by insurance.</p>	<p><b>[IF P630=1]</b></p> <p>1 = We paid nothing, insurance covered all costs.  2 = We paid for some of it and insurance paid the rest. We ended up paying \$_____ out of pocket. <b>[open ended, Item # P661]</b>  3 = We paid for all of it, which was \$_____. Insurance didn't pay for any of it. <b>[open ended, Item # P662]</b>  [-1 = item not answered]</p> <p><b>[Note to programmers: Do not allow dollar amounts larger than \$500 for items P661 and P662]</b></p> <p><b>[SKIP TO P740]</b></p> <p><i>Modified from</i> (Brewer, Gottlieb, Reiter, McRee, Liddon, Markowitz, &amp; Smith, 2009)</p>
P665	Reason for Not Vaccinating Son	<p>What is the main reason [name] has not gotten any HPV shots?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = I never heard of the vaccine  2 = I don't know enough about it yet  3 = I didn't know boys are allowed to get the vaccine  4 = It's too new  5 = It might be unsafe  6 = It costs too much  7 = Boys don't need to get the vaccine  8 = My son is too young  9 = My son is not having sex</p>

			<p>yet</p> <p>10 = It might make my son have sex</p> <p>11 = My son hasn't been to a doctor recently</p> <p>12 = His doctor didn't recommend getting the vaccine</p> <p>[-1 = item not answered]</p> <p><b>[Note to programmers: Rotate response options 1 through 12]</b></p> <p><i>Modified from (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</i></p>
P670	Intentions	Before today, have you thought about getting [name] the HPV vaccine?	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Yes</p> <p>0 = No</p> <p>[-1 = item not answered]</p> <p><b>[Note to programmers: Provide reminder for participants who try to skip item to answer it.]</b></p> <p><i>Modified from (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</i></p>
P675	Intentions	Which of the following best describes how you feel about getting [name] the HPV vaccine in the next year?	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = I do want him to get the vaccine</p> <p>2 = I <u>don't</u> want him to get the vaccine</p> <p>3 = Undecided</p> <p>[-1 = item not answered]</p> <p><b>[Note to programmers: Provide reminder for participants who try to skip item to answer it.]</b></p> <p><i>Modified from (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</i></p>



P680	Willingness	How willing would you be to get the HPV vaccine for [name] if it was free?	<p><b>[IF P630=0,9,-1]</b></p> <p>5 = Definitely willing  4 = Probably willing  3 = Not sure  2 = Probably not willing  1 = Definitely not willing  [-1 = item not answered]</p> <p><b>[Note to programmers: Provide reminder for participants who try to skip item to answer it.]</b></p> <p><i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished manuscript)</i></p>
	<p>Framing Experiment</p> <p><b>[Note to Programmers: Following item P680, parents will be randomized to 1 of 2 groups. Group 1 will receive items for conditions 1 and 3. Group 2 will receive items for conditions 2 and 4. Within each group, the order of the two conditions should also be randomized.</b></p> <p><b>After this randomization, participants will receive items P685 thru P715, with the correct disease label inserted where indicated. For example, if</b></p>	<p><b>We will need a variable called "framing_group" that indicates which group participants were randomized to.</b></p> <p><b>We will need a variable called "disease" indicating condition. See box to the right for coding values and labels.</b></p> <p><b>We will also need a variable called "disease_order" that indicates which condition was presented first to participants.</b></p> <p><b>The notation P685_1, etc. can be used for the first</b></p>	<p><b>[IF P630=0,9,-1]</b></p> <p><b><u>framing_group</u></b>  1 = group 1 GW and GWAC  2 = group 2 AC and ACOC</p> <p><b><u>disease</u></b>  <b>if framing_group=1</b>  disease1=genital warts  disease2= genital warts and anal cancer</p> <p><b>if framing_group=2</b>  disease1=anal cancer  disease2= genital warts and anal cancer</p> <p><b><u>disease_order</u></b>  1=show disease1 first  2=show disease2 first</p> <p><b>[Note to Programmers: For items P685 thru 715, insert the labels for framing_cond wherever "[disease]" is</b></p>

	<p>someone is randomized to group 1 and is to receive items about anal cancer and genital warts (condition 3) prior to items for condition 1, they would receive P685-P715 with "anal cancer and genital warts" inserted and then receive these items again with just "genital warts" inserted.]</p> <p>[If P630=1, do not randomize.]</p>	<p>condition questions and P685_2, etc. can be used for the second condition questions since each participant will get each item twice.</p>	<p>indicated.]</p>
P685	Willingness	<p>How willing would you be to get [name] the HPV vaccine if it prevented him from getting [disease] as an adult?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>5 = Definitely willing  4 = Probably willing  3 = Not sure  2 = Probably not willing  1 = Definitely not willing  [-1 = item not answered]</p> <p><i>Modified from (Reiter, Brewer, McRee, Gilbert &amp; Smith, 2010)</i></p>
P687	Severity	<p>If [name] got [disease] as an adult...</p> <p>how much do you think [it/they] might affect his life?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Not at all  2 = A little  3 = A moderate amount  4 = A lot  [-1 = item not answered]</p>
			<p><b>[Note to programmers: Please randomize order of items P690 through P710.]</b></p>

P690	Disability	<p>If [name] got [disease] as an adult...</p> <p>how afraid would you be that [it/they] might limit his daily activities?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Not at all  2 = A little  3 = Moderately  4 = Very  [-1 = item not answered]</p>
P695	Disruption of Key Relationships	<p>If [name] got [disease] as an adult...</p> <p>how afraid would you be that [it/they] might hurt his relationships with friends and loved ones?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Not at all  2 = A little  3 = Moderately  4 = Very  [-1 = item not answered]</p>
P700	Disfigurement	<p>If [name] got [disease] as an adult...</p> <p>how afraid would you be that [it/they] might make his body or face look bad?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Not at all  2 = A little  3 = Moderately  4 = Very  [-1 = item not answered]</p>
P705	Dependence	<p>If [name] got [disease] as an adult...</p> <p>how afraid would you be that he might have to rely more on other people?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Not at all  2 = A little  3 = Moderately  4 = Very  [-1 = item not answered]</p>
P710	Death	<p>If [name] got [disease] as an adult...</p> <p>how afraid would you be that he might die from [it/them]?</p>	<p><b>[IF P630=0,9,-1]</b></p> <p>1 = Not at all  2 = A little  3 = Moderately  4 = Very  [-1 = item not answered]</p>

P720	Pain - Expected	If [name] got the HPV vaccine, how much pain would you expect him to have?	<p><b>[IF P630=0,9,-1]</b></p> <p>1= No pain  2= Mild pain  3= Moderate pain  4= Severe pain  9= I don't know  [-1 = item not answered]</p> <p><b>[IF P720=2,3,4,9  CONTINUE TO P725]  [IF P720=1,-1 SKIP TO P730]</b></p>
P725	Pain - Expected	Why would you expect [name] to have pain from the HPV vaccine? Check all that apply.	<p><b>[IF P630=0,9,-1 AND P720=2,3,4,9]</b></p> <p>1= Vaccines are painful for my son  2= My son is scared of needles  3= I heard <u>from other people</u> that the HPV vaccine is painful  4= I heard <u>from the media</u> (includes TV, newspaper, and internet) that the HPV vaccine is painful  5= Other, please specify: _____  <b>[open ended, Item # P726]</b>  [-1 = item not answered]</p>
P730	Fear - Expected	How afraid do you think [name] would be of getting the HPV vaccine?	<p><b>[IF P630=0,9,-1]</b></p> <p>1= Not at all  2= A little  3= Moderately  4= Very  [-1 = item not answered]</p> <p><b>[IF P730=2,3,4 CONTINUE TO P735]  [IF P730=1,-1 SKIP TO P770 IN APPENDIX E]</b></p>

P735	Fear - Expected	What do you think [name] would be afraid of? Check all that apply.	<p><b>[IF P630=0,9,-1 AND P730=2,3,4]</b></p> <p>1= Seeing the needle  2= His arm hurting during the shot  3= His arm hurting afterward  4= Unsafe ingredients in the vaccine  5= Vaccine causing health problems  6= Other, please specify: _____</p> <p><b>[open ended, Item # P736]</b>  [-1 = item not answered]</p> <p><b>[SKIP TO P770 IN APPENDIX E]</b></p> <p><i>Modified from</i> (Bernard, Robbins, McCaffery, Scott, &amp; Skinner, 2011).</p>
P740	Pain - Actual	<p>The next questions are about any pain [name] may have had from the HPV vaccine. This includes pain while he was in the doctor's office and in the hours and days after getting the vaccine.</p> <p>When [name] got the HPV vaccine, how much pain, if any, did he have?</p>	<p><b>[IF P630=1]</b></p> <p>1= No pain  2= Mild pain  3= Moderate pain  4= Severe pain  5= I don't know  [-1 = item not answered]</p> <p><i>Modified from</i> (Brewer, Gottlieb, Reiter, McRee, Liddon, Markowitz &amp; Smith, 2009)</p>
P742	Recent Vaccine	<p>Other than HPV vaccine, what is the most recent vaccine [name] has received?</p> <p><b>[Note to programmers:</b></p>	<p><b>[IF P630=1]</b></p> <p>1 = Meningitis (or Menactra or Menomune)  2 = Tetanus booster (or Tdap or Td)  3 = Seasonal flu</p>

		<p><b>Allow participants to select more than one response for this item. Do not allow other response options if "8=I can't remember" or "9=My son has not received any other vaccines" is selected.]</b></p>	<p>4 = H1N1 flu (or swine flu)  5 = Varicella (or chickenpox)  6 = Hepatitis B  7 = Other, please specify:_____</p> <p><b>[open ended, Item # P743]</b>  8 = I can't remember  9 = My son has not received any other vaccines  [-1 = item not answered]</p> <p><b>[IF P742=1,2,3,4,5,6,7,8 CONTINUE TO P745]</b>  <b>[IF P742=9,-1 SKIP TO P755]</b></p>
P745	Pain - Comparison	<p>Think about the other vaccine(s) you just indicated.</p> <p>Did the other vaccine(s) cause [name]...</p>	<p><b>[IF P630=1]</b></p> <p>1= Less pain than the HPV vaccine  2= About the same  3= More pain than the HPV vaccine  4= I don't know</p> <p>[-1 = item not answered]</p> <p><i>Modified from (Brewer, Gottlieb, Reiter, McRee, Liddon, Markowitz &amp; Smith, 2009)</i></p>
P755	Vaccine Adverse Events	<p>Other than pain, what side effects, if any, did [name] have from the HPV vaccine? Check all that apply.</p>	<p><b>[IF P630=1]</b></p> <p>1= None  2= Nausea  3= Dizziness  4= Fainting  5= Redness or swelling where he got the shot  6= He felt upset or anxious  7= Other, please specify:_____</p> <p><b>[open ended, Item # P756]</b>  [-1 = item not answered]</p> <p><b>[Note to programmers: Do</b></p>

			<p><b>not allow other response options if "1=None" is selected]</b></p> <p><i>Modified from (Brewer, Gottlieb, Reiter, McRee, Liddon, Markowitz &amp; Smith, 2009)</i></p>
P760	Fear - Actual	How afraid do you think [name] was of getting the HPV vaccine?	<p><b>[IF P630=1]</b></p> <p>1= Not at all 2= A little 3= Moderately 4= Very [-1 = item not answered]</p> <p><b>[IF P760=2,3,4 CONTINUE TO P765]</b> <b>[IF P760=1,-1 SKIP TO P770 IN APPENDIX E]</b></p>
P765	Fear - Actual	What do you think [name] was afraid of? Check all that apply.	
		<b>[Note to Programmers: Insert "Follow-up HPV Vaccine Advertisement Experiment" items. Please see Survey Appendix E for instructions and items]</b>	
P840	Healthcare Provider - Visit	<p>When was the last time [name] saw his regular health care provider?</p> <p>A regular health care provider knows your son and his health history. This can be a general doctor, a</p>	<p>1 = In the last year, ____ months ago <b>[open ended, Item # P841]</b> 0 = More than 1 year ago</p> <p>[-1 = item not answered]</p> <p><i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished Manuscript)</i></p>

		pediatrician, a specialist doctor, a nurse practitioner, or a physician assistant.	
P845	Healthcare Provider -Communication	Have you ever talked with [name]'s health care provider about the HPV vaccine?	1 = Yes 0 = No [-1 = item not answered]  <b>[IF P845=1 CONTINUE TO P850]</b> <b>[IF P845=0,-1 SKIP TO P860]</b>  <i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished Manuscript)</i>
P850	Healthcare Provider -Communication	Has [name]'s health care provider told you that he should get the HPV vaccine?	<b>[IF P845=1]</b>  1 = Yes 0 = No [-1 = item not answered]  <i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished Manuscript)</i>
P855	Healthcare Provider -Communication	Has [name]'s health care provider told you that he should NOT get the HPV vaccine?	<b>[IF P845=1]</b>  1 = Yes 0 = No [-1 = item not answered]  <i>Modified from (McRee, Gottlieb, Reiter, Dittus, &amp; Brewer, Unpublished Manuscript)</i>
<b>MISCELLANEOUS</b>			
P860	Insurance	Does [name] have any form of health insurance?	1 = Yes 0 = No [-1 = item not answered]  <i>Modified from (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</i>
P865	Vaccine Coverage of HPV Vaccine	Do you think [name]'s insurance covers the HPV	1 = Yes 0 = No 9 = I don't know



		vaccine?	[-1 = item not answered]  <i>Modified from (Reiter, Brewer, Gottlieb, McRee, &amp; Smith, 2009)</i>
P875	Vaccination Records	Who currently has a record of all vaccines [name] has received? Check all that apply.	1 = No one 2 = You or another parent 3 = His health care provider 4 = His school 5 = State immunization registry 6 = Other, please specify:_____ <b>[open ended, Item #P876]</b> 7 = I don't know [-1 = item not answered]  <b>[Note to programmers: Do not allow other response options if either "1=No one" or "7=I don't know" is selected]</b>
P880	Informative Statement	For the next few questions, imagine that [name]'s school hosts vaccination days several times a year. On these days, a health care provider gives recommended vaccines to students. For some students, the vaccines are free, while for others there may be a cost.	
P885	School-Located Vaccination	Suppose you and [name] decided to get him a vaccine at a vaccination day...  How willing would you be to let [name] get this vaccine if	5 = Definitely willing 4 = Probably willing 3 = Not sure 2 = Probably not willing 1 = Definitely not willing [-1 = item not answered]

		you or his other parent went with him?	
P890	School-Located Vaccination	<p>Suppose you and [name] decided to get him a vaccine at a vaccination day...</p> <p>How willing would you be to let [name] get this vaccine <u>without</u> you or his other parent with him?</p>	<p>5 = Definitely willing  4 = Probably willing  3 = Not sure  2 = Probably not willing  1 = Definitely not willing  [-1 = item not answered]</p>
P895	School-Located Vaccination	<p><b>[Items P895 thru P905 can appear in a grid on a single screen. A reminder should come up if participants don't answer all of the items in the grid.]</b></p> <p>Please tell us how much you agree or disagree with the following statements.</p> <p>Vaccination days at [name]'s school would be a convenient way for him to get vaccines.</p>	<p>5 = Strongly agree  4 = Agree  3 = Not sure  2 = Disagree  1 = Strongly disagree  [-1 = item not answered]</p>
P900	School-Located Vaccination	Vaccination days would help students get vaccines who may not get them otherwise.	<p>5 = Strongly agree  4 = Agree  3 = Not sure  2 = Disagree  1 = Strongly disagree  [-1 = item not answered]</p>

P905	School-Located Vaccination	It's okay if vaccination days are held where students might see each other get vaccines, such as a school gym.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree [-1 = item not answered]
P910	Vaccine Information	To get information about adolescent vaccines, would you be willing to... (check all that apply)	1 = Go to a website provided by your son's school 2 = Read a 1 page flyer sent home from your son's school 3 = Read a 10 page booklet sent home from your son's school 4 = Attend a 1 hour presentation on a weeknight at your son's school 5 = None of the above [-1 = item not answered]
P920	Consent For Vaccination	<p>Suppose you decided to get [name] vaccinated at a vaccination day.</p> <p>Would you be willing to give permission for vaccination by... (check all that apply)</p>	1 = Filling a form out in person at school 2 = Mailing a signed form to school 3 = Having your son take a signed form to school 4 = Phone 5 = Email 6 = Completing a form online 7 = Other, please specify: _____ <b>[open ended, Item #921]</b> [-1 = item not answered] <p><b>[Note to programmers: Do not allow other response options if "5=None of the above" is selected]</b></p>
P925	Consent For Vaccination	At what age do you think adolescents should be able to get vaccines without parent permission?	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 8 = 18 years old 9 = 19 years old 10 = Adolescents should not be able to get vaccines without parent permission [-1 = item not answered]  <i>Modified from (Rand et al., 2011)</i>
P927	Consent For Vaccination	Please tell us how much you agree or disagree with the following statements.  If [name] was allowed to decide on his own, he might refuse a vaccine I would want him to have.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree [-1 = item not answered]
P930	School-Located Vaccination	If you decided to attend a vaccination day with [name], when would be a good time for you? Check all that apply.	1 = Before school 2 = During school hours 3 = After school [-1 = item not answered]
P935	School-Located Vaccination	If you decided to attend a vaccination day with [name], what days of the week would be good for you? Check all that apply.	1 = Monday 2 = Tuesday 3 = Wednesday 4 = Thursday 5 = Friday 6 = Saturday 7 = Sunday [-1 = item not answered]
P950	Medical Records	If [name] got a vaccine during a vaccination day, how would you prefer the staff update his medical records? Check all	1 = Mail you a letter for your records at home 2 = Send a letter to your son's doctor 3 = Enter the information in a secure statewide registry that doctors can access

		that apply.	[-1 = item not answered]
P955	Medical Records	<p>Please tell us how much you agree or disagree with the following statement.</p> <p>I support laws that let schools share vaccination records with healthcare providers.</p>	<p>5 = Strongly agree  4 = Agree  3 = Not sure  2 = Disagree  1 = Strongly disagree  [-1 = item not answered]</p>
<b>CLOSING</b>			
		<b>[Note to Programmers: This screen should appear for parents whose sons are taking the follow-up survey.]</b>	
P962	Closing Statement	<p>Thank you for taking our survey!</p> <p>Please click on the button below to begin the survey for your son.</p>	
<b>TRANSITION</b>			
P965	Transition	<p>You agreed for [name] to also complete a survey. Please get him so that his survey can begin. Remember that he will get 10,000 points (\$10.00 equivalent) for taking this</p>	<p>1 = Yes  0 = No  [-1 = item not answered]</p> <p><b>[IF P965=0], the following appears:</b></p> <p>Please come back when [name] is available.</p>

		survey.  Is [name] available to take his survey now?	
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## References

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Survey Appendix E  
Follow Up HPV Vaccine Advertisement Experiment

**[Note to programmers: Each parent should randomly receive 1 of the 2 HPV vaccine advertisement images present at the end of this appendix. Variable names appear in italics below.]**

**[Item P770 should each appear on a separate screen with an image. All images should be the same width and should be large enough to read all text contained in the ads. P785 and P790 will then be asked on separate screens without an image present, only the items' text. A statement indicating the source of the ad will then appear after item P790 (see P795 for statement wording). Parents will then receive items P800 thru P835 (only P800-P810 are shown with the image). We will also need the variable in the table below created to help indicate which image a parent received (all info needed to code each image is included in image labels at the end of this appendix).]**

Variable name	Label	Values
<i>vaxadmainf_logo</i>	Logo on advertisement random to	1 = Merck 2 = CDC

*P770:* Here is an ad for the HPV vaccine. Please look at the ad and then click Next when you are finished.

**[Note to programmers: Insert image of ad and a “Next” button participants can click when finished. We will also need a variable indicating the amount of time each participant spends on this screen.]**

[next screen]

**[Note to programmers: Do not allow participants return to the previous page once the screen for item P785 appears]**

*P785:*

**[Note to programmers: No image should appear with this item.]**

Do you think the ad on the previous page was from....

- 1 = Merck
- 2 = GlaxoSmithKline
- 3 = Centers for Disease Control and Prevention (CDC)
- 4 = American Cancer Society (ACS)
- [-1 = item not answered]

**[Note to programmers: Randomize response options 1 through 4 for item P785.]**



*P790:*

**[Note to programmers: No image should appear with this item.]**

Do you think the ad on the previous page was from....

1 = A drug company

2 = A government agency

3 = A charity for cancer

4 = An insurance company

[-1 = item not answered]

**[Note to programmers: Randomize response options 1 through 4 for item P790.]**

**[Note to programmers: For items P795 and P815 thru P835, whenever the item has “[source]”, please insert “Merck” if vaxadmainf\_logo=1 and “the CDC” if vaxadmainf\_logo=2.]**

*P795:*

**[Note to programmers: No image should appear with this item. It is a statement indicating the correct ad source of the image they just saw.]**

**[If vaxadmainf\_logo=1]**

The ad you saw was from [source], a drug company.

**[If vaxadmainf\_logo=2]**

The ad you saw was from [source], a government agency.

[CONTINUE TO P800]

*P800:*

**[Note to programmers: Image should appear at top of screen.]**

Please tell us how much you agree or disagree with the following statements.

I like this ad.

4 = Strongly agree

3 = Agree

2 = Disagree

1 = Strongly disagree

[-1 = item not answered]

[next screen]

*P805:*

**[Note to programmers: Image should appear at top of screen.]**

I trust this ad.

4 = Strongly agree

3 = Agree

2 = Disagree

1 = Strongly disagree

[-1 = item not answered]

[next screen]

*P810:*

**[Note to programmers: Image should appear at top of screen.]**

This ad makes me want to vaccinate my son against HPV.

4 = Strongly agree

3 = Agree

2 = Disagree

1 = Strongly disagree

[-1 = item not answered]

[next screen]

*P815:*

[Source] has great expertise.

7 = Strongly agree

6 = (blank)

5 = (blank)

4 = (blank)

3 = (blank)

2 = (blank)

1 = Strongly disagree

[-1 = item not answered]

*P820:*

[Source] does not have much experience.

7 = Strongly agree

6 = (blank)  
5 = (blank)  
4 = (blank)  
3 = (blank)  
2 = (blank)  
1 = Strongly disagree  
[-1 = item not answered]

*P825:*

I trust [source].

7 = Strongly agree  
6 = (blank)  
5 = (blank)  
4 = (blank)  
3 = (blank)  
2 = (blank)  
1 = Strongly disagree  
[-1 = item not answered]

*P830:*

**[If vaxadminf\_logo=1]**

If [source] introduces an unsafe vaccine, they are held responsible.

7 = Strongly agree  
6 = (blank)  
5 = (blank)  
4 = (blank)  
3 = (blank)  
2 = (blank)  
1 = Strongly disagree  
[-1 = item not answered]

*P832:*

**[If vaxadminf\_logo=2]**

If [source] approves an unsafe vaccine, they are held responsible.

7 = Strongly agree  
6 = (blank)  
5 = (blank)  
4 = (blank)

3 = (blank)  
2 = (blank)  
1 = Strongly disagree  
[-1 = item not answered]

*P833:*

**[If vaxadmainf\_logo=1]**

If [source] introduces an unsafe vaccine, they are accountable to the public.

7 = Strongly agree  
6 = (blank)  
5 = (blank)  
4 = (blank)  
3 = (blank)  
2 = (blank)  
1 = Strongly disagree  
[-1 = item not answered]

*P835:*

**[If vaxadmainf\_logo=2]**

If [source] approves an unsafe vaccine, they are accountable to the public.

7 = Strongly agree  
6 = (blank)  
5 = (blank)  
4 = (blank)  
3 = (blank)  
2 = (blank)  
1 = Strongly disagree  
[-1 = item not answered]

**[CONTINUE TO P840]**

## **Vaccinate today... protect him tomorrow.**



**The HPV vaccine protects males against cancer.**

*The HPV vaccine is available at your local health department.*

*Many insurance plans cover the vaccine for boys.*



**SELECT SAFETY INFORMATION:** Anyone who is allergic to the ingredients of the vaccine should not receive the vaccine. The vaccine may not fully protect everyone against genital warts and does not prevent all types of cancer. The vaccine does not treat cancer or genital warts. Side effects include pain, swelling, itching, and redness at the injection site, fever, nausea, dizziness, vomiting, and fainting. Only a doctor can decide if the vaccine is right for your son.

## **Vaccinate today... protect him tomorrow.**



**The HPV vaccine protects males against cancer.**

*The HPV vaccine is available at your local health department.*

*Many insurance plans cover the vaccine for boys.*



**SELECT SAFETY INFORMATION:** Anyone who is allergic to the ingredients of the vaccine should not receive the vaccine. The vaccine may not fully protect everyone against genital warts and does not prevent all types of cancer. The vaccine does not treat cancer or genital warts. Side effects include pain, swelling, itching, and redness at the injection site, fever, nausea, dizziness, vomiting, and fainting. Only a doctor can decide if the vaccine is right for your son.