



This survey was administered to one pharmacy organization representative from each of the 50 states as well as the District of Columbia between January and April 2012 in order to better understand the variation in laws from state to state regarding pharmacist provision of the HPV vaccine.

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[...] Brackets indicate text that is not read, instructions to the survey administrator, or response scale options not provided to participants

Item #	Construct	Item	Response Scale
	Introduction	Hi, my name is _____ from the UNC Eshelman School of Pharmacy. I am conducting a survey about the regulations that govern HPV vaccine administration by pharmacists. I have a few questions that should take about 10 minutes of your time. Would that be ok? Just to confirm, in case we get disconnected, am I speaking with [name]? And you are the [title] of the [organization]? Ok. Thank you.	
Q1	State	[What US State is being represented in this survey?]	State: [oe]
Q2	Respondent's name	[What is the respondent's name?]	Name: [oe]
Q3	Organization type	[What organization is the respondent representing in this survey?]	1 = State Board of Pharmacy 2 = State Pharmacy Association 3 = Other
Q4	Respondent's title	[What is the respondent's title in the organization he/she is representing in this survey?]	Title: [oe]
Q5	Practitioner type	Are you a pharmacist?	1 = Yes [Skip to Q6] 2 = No
Q5a	Practitioner type	[If Q5=2; i.e., no, respondent is not a pharmacist] Ok, what is your educational background?	Educational background: [oe]

		All of the next questions are about pharmacy vaccine regulations in the state of [state]. First I have some questions about Human Papillomavirus, or HPV, vaccine administration.	
Q6	Vaccine administration authority – HPV	What best describes the administration of HPV vaccine by pharmacists?	1 = Pharmacists may not administer HPV vaccine [Skip to Q16] 2 = Pharmacists may give HPV vaccine only with a prescription [Skip to Q9] 3 = Pharmacists may give HPV vaccine without a prescription [-1 = item not answered]
Q7	Supervision agreement – HPV vaccine	[If Q6=3; i.e., pharmacists may give HPV vaccine without a prescription] Do they have to be under a supervision agreement with a prescriber? This supervision agreement could be a collaborative practice agreement, standing order, or a protocol.	1 = Yes 2 = No [Skip to Q9] [-1 = item not answered]
Q8	Supervision agreement – HPV vaccine	[If Q7=1; i.e., pharmacists must be under a supervision agreement with a prescriber] When operating under this agreement, can the pharmacist provide HPV vaccine to anyone or just to patients of the supervising prescriber?	1 = HPV vaccine may be given to anyone (Broad Spectrum authority) 2 = HPV vaccine may only be given to patients of the supervising prescriber (Narrow Spectrum authority) [-1 = item not answered]
Q9	HPV vaccine substitution	Two HPV vaccines are on the market named Cervarix and Gardasil. Do pharmacists have the authority to substitute between HPV vaccines?	1 = Yes 2 = No 3 = Don't know [-1 = item not answered]
Q10	Vaccine regulations – HPV	How old do patients have to be before a pharmacist can give them HPV vaccine?	Age: [oe] [-1 = item not answered]
Q11	Vaccine regulations - HPV	Are there different regulations that permit pharmacists to give HPV vaccine to boys and to girls?	1 = Yes 2 = No 3 = Don't know [-1 = item not answered]
Q11b	Vaccine administration - HPV	Successful HPV vaccination requires a 3 shot series. Is there a difference in pharmacists' authority to administer the	1 = Yes 2 = No 3 = Don't know [-1 = item not answered]

		1 st dose of the series compared to the 2 nd or 3 rd dose?	
Q12	Pharmacist training – HPV vaccine	What special training do pharmacists need in order to provide HPV vaccine? Do they need: [select all that apply]	1 = CPR certification 2 = An immunization course (such as APhA's Pharmacy-Based Immunization Delivery course) 3 = Or something else? [oe] [-1 = item not answered]
Q13	Vaccine reporting – HPV	After a pharmacist gives HPV vaccine, does he/she have to: [select all that apply]	1 = Contact the patient's primary care provider 2 = [Only ask if Q7=1; i.e., yes, pharmacists must be under a supervision agreement] Contact the prescriber who signed the supervision agreement 3 = Enter data into a state vaccination registry 4 = Or something else [oe] [-1 = item not answered]
Q14	Changes in HPV vaccine administration authority	Over the past 2 years, has pharmacists' authority to give HPV vaccine increased, decreased, or stayed the same?	1 = Increased 2 = Stayed the same [Skip to Q16] 3 = Decreased [-1 = item not answered]
Q15	Changes in HPV vaccine administration authority	[Only if Q14=1 or 3; i.e., pharmacists' authority to give HPV vaccine increased or decreased] Please briefly explain these changes.	Description of changes: [oe] [-1 = item not answered]
Q16	Changes in HPV vaccine administration authority	Please describe any proposed legislation that would affect pharmacists' authority to give HPV vaccine.	Description of legislation: [oe] [-1 = item not answered]
Q17	HPV vaccine provision in pharmacies	Do you know of any ongoing programs to increase HPV vaccination in pharmacies?	1 = Yes [oe] 2 = No [-1 = item not answered]
Q18	HPV vaccine provision in pharmacies	Is there anything else you'd like to add about HPV vaccination in pharmacies?	1 = Yes [oe] 2 = No [-1 = item not answered]
		Now I have a couple questions about two other adolescent vaccines. The first one is Tdap, also called tetanus acellular pertussis vaccine.	

Q19	Vaccine administration authority - Tdap	What best describes the administration of adolescent Tdap vaccine by pharmacists?	1 = Pharmacists may not administer Tdap vaccine to adolescents [Skip to statement before Q25] 2 = Pharmacists may give Tdap vaccine to adolescents only with a prescription [Skip to Q22] 3 = Pharmacists may give Tdap vaccine to adolescents WITHOUT a prescription [-1 = item not answered]
Q20	Supervision agreement – Tdap vaccine	[If Q19=3; i.e., pharmacists may give Tdap vaccine to adolescents without a prescription] Do they have to be under a supervision agreement with a prescriber? This supervision agreement could be a collaborative practice agreement, standing order, or a protocol.	1 = Yes 2 = No [Skip to Q22] [-1 = item not answered]
Q21	Supervision agreement – Tdap vaccine	[If Q20=1; i.e., yes, pharmacists must be under supervision agreement with a prescriber] When operating under this agreement, can the pharmacist provide Tdap vaccine to anyone or just to patients of the supervising prescriber?	1 = Tdap vaccine may be given to anyone (Broad Spectrum authority) 2 = Tdap vaccine may only be given to patients of the supervising prescriber (Narrow Spectrum authority) [-1 = item not answered]
Q22	Vaccine regulations – Tdap	How old do patients have to be before a pharmacist can give them a Tdap vaccination?	Age: [oe] [-1 = item not answered]
Q23	Pharmacist training – Tdap vaccine	What special training do pharmacists need in order to provide Tdap vaccinations to adolescents? Do they need: [select all that apply]	1 = CPR certification 2 = An immunization course (such as APhA's Pharmacy-Based Immunization Delivery course) 3 = Something else? [oe] [-1 = item not answered]

Q24	Vaccine reporting - Tdap	After a pharmacist gives Tdap vaccine, which of the following steps must be taken? Does he/she have to: [select all that apply]	1 = Contact the patient's primary care provider 2 [Only ask if Q20=1; i.e., yes] Contact the prescriber who signed the supervision agreement 3 = Enter data into a state vaccination registry 4 = Other [oe] [-1 = item not answered]
		These last questions will focus on pharmacist administration of meningococcal vaccine to adolescents.	
Q25	Vaccine administration authority – meningococcal	What best describes the administration of meningococcal vaccine by pharmacists?	1 = Pharmacists may not administer the meningococcal vaccine to adolescents [Skip to ending statement] 2 = Pharmacists may give the meningococcal vaccine to adolescents only with a prescription [Skip to Q28] 3 = Pharmacists may give the meningococcal vaccine to adolescents WITHOUT a prescription [-1 = item not answered]
Q26	Supervision agreement – meningococcal vaccine	[If Q25=3; i.e., pharmacists may give meningococcal vaccine to adolescents without a prescription] Do they have to be under a supervision agreement with a prescriber? This supervision agreement could be a collaborative practice agreement, standing order, or a protocol.	1 = Yes 2 = No [Skip to Q28] [-1 = item not answered]
Q27	Supervision agreement – meningococcal vaccine	[If Q26=1; i.e., pharmacists must be under a supervision agreement with a prescriber] When operating under this agreement, can the pharmacist provide meningococcal vaccine to anyone or just to patients of the supervising prescriber?	1 = Meningococcal vaccine may be given to anyone (Broad Spectrum authority) 2 = Meningococcal vaccine may only be given to patients of the supervising prescriber (Narrow Spectrum authority) [-1 = item not answered]
Q28	Vaccine regulations – meningococcal	How old do patients have to be before a pharmacist can give them a meningococcal vaccine?	Age: [oe] [-1 = item not answered]

Q29	Pharmacist training – meningococcal vaccine	What special training do pharmacists need in order to provide meningococcal vaccine to adolescents? Do they need: [select all that apply]	1 = CPR certification 2 = An immunization course (such as APhA's Pharmacy-Based Immunization Delivery course) 3 = Something else [oe] [-1 = item not answered]
Q30	Vaccine reporting - meningococcal	After a pharmacist has given meningococcal vaccine, which of the following steps must be taken? Does he/she have to:	1 = Contact the patient's primary care provider 2 = [Ask only if Q26 was answered yes) Contact the prescriber who signed the supervision agreement 3 = Enter data into a state vaccination registry 4 = Something else? [oe] [-1 = item not answered]
		That's all the questions I have. Thank you very much for your time. Have a great day!	