

Industry Fall HPAI Planning Survey

1. Introduction

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-XXXX. The time required to complete this information collection is estimated to average 2 hours per response, including the time or reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information.

OMB
Approved
0579-XXXX
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To help APHIS prepare for a potential HPAI outbreak this fall, please complete this survey by **August 14, 2015**. Data from the survey will help APHIS assist your industry if an outbreak occurs. Specifically, the survey will ask you to describe steps taken by you to prepare for an HPAI outbreak this fall. Please provide as much information as possible.

The questions marked with an * must be completed. If you don't know an answer select "Don't know" on the multiple choice questions; on the write-in questions write "n/a" or "Don't know" if applicable.

Survey Monkey when accessed through the web link will not allow you to save and return to the survey to edit or complete later. Therefore, you may want to print the pdf version and gather the needed information before starting the survey. If you would like to have the ability to save and return to the survey you may request a personal web link to the survey by emailing Randy.D.Munger@aphis.usda.gov.

Moving between pages in the survey should only be performed by using the **Previous** and **Next** buttons located at the bottom of each page. Do not use your web browsers back button as you could lose all your answers.

All responses must be finalized and submitted by **August 14, 2015**.

If you have questions about this survey please contact Diane Sutton at 301-851-3509 or at Diane.L.Sutton@aphis.usda.gov. If you have technical problems with the survey please email Randy.D.Munger@aphis.usda.gov.

To receive HPAI reports should new cases occur in the U.S. please subscribe to the VS Animal Health Stakeholder Registry. For more information on HPAI and biosecurity go to the APHIS website.

1. Regarding your involvement in the poultry industry, would you describe yourself as:*

- Integrator
- Grower or Producer

Grower / Producer Skip to Q73

2. Integrator - General Information

2. Respondent Information*

Name of Respondent*

Company Name*

Company Address

Company Address 2

City/Town

State/Territory*

ZIP/Postal Code

Email Address

Phone Number

3. Please select all States in which you have farms*

- | | | |
|--|---|---|
| <input type="checkbox"/> Alabama | <input type="checkbox"/> Kansas | <input type="checkbox"/> Ohio |
| <input type="checkbox"/> Alaska | <input type="checkbox"/> Kentucky | <input type="checkbox"/> Oklahoma |
| <input type="checkbox"/> American Samoa | <input type="checkbox"/> Louisiana | <input type="checkbox"/> Oregon |
| <input type="checkbox"/> Arizona | <input type="checkbox"/> Maine | <input type="checkbox"/> Pennsylvania |
| <input type="checkbox"/> Arkansas | <input type="checkbox"/> Maryland | <input type="checkbox"/> Puerto Rico |
| <input type="checkbox"/> California | <input type="checkbox"/> Massachusetts | <input type="checkbox"/> Rhode Island |
| <input type="checkbox"/> CNMI | <input type="checkbox"/> Michigan | <input type="checkbox"/> South Carolina |
| <input type="checkbox"/> Colorado | <input type="checkbox"/> Minnesota | <input type="checkbox"/> South Dakota |
| <input type="checkbox"/> Connecticut | <input type="checkbox"/> Mississippi | <input type="checkbox"/> Tennessee |
| <input type="checkbox"/> Delaware | <input type="checkbox"/> Missouri | <input type="checkbox"/> Texas |
| <input type="checkbox"/> District of Columbia (DC) | <input type="checkbox"/> Montana | <input type="checkbox"/> Utah |
| <input type="checkbox"/> Florida | <input type="checkbox"/> Nebraska | <input type="checkbox"/> Vermont |
| <input type="checkbox"/> Georgia | <input type="checkbox"/> Nevada | <input type="checkbox"/> Virginia |
| <input type="checkbox"/> Guam | <input type="checkbox"/> New Hampshire | <input type="checkbox"/> Virgin Islands |
| <input type="checkbox"/> Hawaii | <input type="checkbox"/> New Jersey | <input type="checkbox"/> Washington |
| <input type="checkbox"/> Idaho | <input type="checkbox"/> New Mexico | <input type="checkbox"/> West Virginia |
| <input type="checkbox"/> Illinois | <input type="checkbox"/> New York | <input type="checkbox"/> Wisconsin |
| <input type="checkbox"/> Indiana | <input type="checkbox"/> North Carolina | <input type="checkbox"/> Wyoming |
| <input type="checkbox"/> Iowa | <input type="checkbox"/> North Dakota | |

4. What type(s) of poultry does your company have (check Y/N for each)?*

	<u>Yes</u>	<u>No</u>
a. Turkey	<input type="radio"/>	<input type="radio"/>
b. Broiler	<input type="radio"/>	<input type="radio"/>
c. Layer	<input type="radio"/>	<input type="radio"/>
d. Game Birds	<input type="radio"/>	<input type="radio"/>
e. Water fowl	<input type="radio"/>	<input type="radio"/>
f. Other (<i>specify in comment field</i>)	<input type="radio"/>	<input type="radio"/>

Comment:

5. How many farms does your company own or contract with (enter number)?

6. How many farms have the following types of birds (enter numbers)?

Breeder	<input type="text"/>
Pullets	<input type="text"/>
Growers	<input type="text"/>
Layers	<input type="text"/>
Other	<input type="text"/>

7. At normal operating capacities, how many birds (enter numbers):

Are on your company's largest farm?

Are on all of your company's farms?

3. Integrator - Vaccination 1

8. Would you support vaccinating US poultry for HPAI under any circumstance?

- Yes
- No
- Don't know

If No or Don't know SKIP to Q36

4. Integrator - Vaccination 2

9. Under what circumstances would you support vaccinating US poultry for HPAI?

5. Integrator - Depopulation, Equipment, and Supplies

10. If depopulation within 24 hours of a presumptive positive is not possible using other depopulation methods, would you support using ventilation shut down as a means of depopulation to minimize disease spread and animal suffering?

- Yes
- No
- Don't know

11. Approximately 10,000 to 20,000 gallons of water are required to foam depopulate poultry houses holding around 10,000 birds. In one case during this summer's HPAI response, a town ran out of water affecting fire safety. (check Y/N for each)

	<u>Yes</u>	<u>No</u>
a. Have you identified sources for water for your farms?	<input type="radio"/>	<input type="radio"/>
b. Have you identified sources for water tankers that can be rapidly deployed to your farms?	<input type="radio"/>	<input type="radio"/>

12. Do you have a plan for rapidly depopulating all poultry on each of your farms if the farms become infected with HPAI this fall?

- Yes
- No

if No SKIP to Q12

6. Integrator - Depopulation, Equipment, and Supplies 2

13. Please check all methods you plan to use for rapidly depopulating all poultry on infected farm(s):

- Water-based foam
- Carbon dioxide (CO2)
- Cervical dislocation
- Captive bolt
- Ventilation shutdown
- Other (please specify)

14. Do you have a plan for rapidly disposing of dead poultry on each of your farms if they become infected with HPAI this fall?

- Yes
- No

If No SKIP to Q15

7. Integrator - Depopulation, Equipment, and Supplies 3

15. Please check all methods you plan to use for rapidly disposing all poultry on infected farm(s):

- In-house composting
- Outdoor, onsite composting
- Burial
- Off-site composting
- Landfill
- Incineration
- Other (please specify)

16. Have your State Environmental Protection Agencies approved your disposal plan?

- Yes
- No
- Don't know

Comments:

17. APHIS and affected States plan to assist producers in the event of an HPAI outbreak this fall. If the outbreak is widespread, it may be necessary for companies to do part or all of the depopulation, disposal, and cleaning and disinfecting measures on their premises with financial assistance from APHIS.

If this were the case would your company be able to do:

- None of the work
- Part of the work
- All of the work

If None SKIP to Q24

8. Integrator - Depopulation, Equipment, and Supplies 4

18. Please estimate how long it would take you to depopulate all of the poultry on your company's largest farm without assistance from State or APHIS personnel or their contractors (enter number of hours)?

Hours:

19. Once depopulated, please estimate how long it would take to dispose of all of the poultry on your company's largest farm without assistance from the State or APHIS personnel or their contractors:

Estimated number of days for disposal:

20. Once depopulation and disposal was completed, please estimate how long it would take you to clean and disinfect your company's largest farm without assistance from the State or APHIS personnel or their contractors (enter number of days):

Estimated number of days to Clean and Disinfect:

21. Describe the methods you plan to use to clean and disinfect:

22. Please select all of the following depopulation equipment that you have access to (check all that apply):

- Foaming units
- CO2 carts
- Whole house CO2
- Other
- None

If None SKIP to Q24

9. Integrator - Depopulation, Equipment, and Supplies 5

23. How many of each of the following do you have access to and if known, what is the model or capacity of the unit?

Foaming unit

CO2 carts

Whole house CO2

Other depopulation equipment

24. Do you own/lease the equipment listed above?

Yes

No

Comment:

If No SKIP to Q24

10. Integrator - Depopulation, Equipment, and Supplies 6

25. Would you be willing to lease your depopulation equipment if you did not need it?

- Yes
- No
- Don't know

26. Do you have approval or a process in place to get expedited approval, for (check Y/N/DK for each):

	<u>Yes</u>	<u>No</u>	<u>Don't know</u>
a. Outdoor composting, burial, or other disposal methods from local and/or State Departments of Natural Resources and/or other State environmental agencies if needed?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Managing of runoff from foaming or cleaning and disinfecting procedures?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27. Industry participants in the State/Industry/Federal Fall Planning meeting requested that they be notified of HPAI control areas and other areas to be avoided when routing trucks, e.g., areas likely to be included in a control zone based on a presumptive positive. If this information was provided, would you voluntarily route trucks around these areas?

- Yes
- No
- Don't know

28. Do you have agreements with landfills or other disposal sites to dispose of the following items in the amounts likely to be generated if any of the company's farms is depopulated due to HPAI infection (check all that apply)?

- HPAI infected birds
- Bedding, composted birds, manure and other organic materials from quarantined premises
- Personal protective equipment such as gloves, respirators, Tyvek suits, etc.
- Non-organic materials from quarantined premises
- Other non-organic materials from quarantined premises
- No agreements currently in place

If you have checked any boxes indicating an agreement, please provide specifics in this comment box. Include the name and location of the disposal site(s):

29. Would your company be able to compost all birds on your largest farm (check Y/N for each)?

	<u>Yes</u>	<u>No</u>
a. Indoors	<input type="radio"/>	<input type="radio"/>
b. Outdoors	<input type="radio"/>	<input type="radio"/>

30. Is your company stockpiling supplies (Tyvek suits, gloves, disinfectants, foam, respirators, etc.) that could be used during a fall HPAI outbreak?

- Yes
- No

If No SKIP to Q32

11. Integrator - Depopulation, Equipment, and Supplies 7

31. Please check all types of supplies being stockpiled:

- Respirators (*specify model in comment field*)
- Tyvek or similar suits
- Other PPE
- Disinfectant
- Foam
- CO2
- Cleaning agents
- Other (*specify in comment field*)

Comment:

32. Are your supplies monitored and rotated to ensure they have not expired?

- Yes
- No

33. How long do you believe the aforementioned supplies would last in the event of an HPAI outbreak this fall (select one of the options)?

- Days
- Weeks
- Months

34. Does your company have emergency contracts or sources or both in place for fall, please check all the types of supplies or services available for rapid delivery:

- Respirators (*specify model in comment field*)
- Tyvek or similar suits
- Other PPE
- Disinfectant
- Foam
- Cleaning agents
- Water in tanker trucks
- Carbon sources for composting such as wood chips
- Composting Thermometers
- Foaming crews
- Other Personnel (*specify in comment field*)
- CO2
- Other (*specify in comment field*)

Comment:

35. Considering the substantial amount of sawdust or other carbon sources required for composting poultry, is your company stockpiling sources of carbon for use in composting?

Yes

No

12. Integrator - Employee Respirator Use and Vaccination

36. Do you have a process in place for workers on your farms to be cleared for respirator use?

- Yes
- No

37. Do you have a process in place for workers on your farms to be fit-tested for respirator use?

- Yes
- No

38. Have employees identified as potential responders been medically cleared for respirator use?

- Yes, some of our potential responders have been medically cleared for respirator use
- Yes, most of our potential responders have been medically cleared for respirator use
- Yes, all of our potential responders have been medically cleared for respirator use
- No

39. Are you recommending workers on your farms get vaccinated for seasonal human flu?

- Yes
- No

40. Do you reimburse employees for getting vaccinated for seasonal flu?

- Yes
- No

41. Do you hold no cost vaccination clinics for seasonal flu for your employees?

- Yes
- No

42. Do you have protocols in place (or a point of contact to turn to) should a human illness occur on your farms during an HPAI outbreak?

- Yes
- No

13. Integrator - Mapping and Data Management

43. Participants in the State/Industry/Federal Fall Planning meeting identified National Premises ID (PIN) or equivalent State location identifiers (LID) as critical to response operations.

Do any of your premises have PINs or LIDs?

- Yes
- No
- Don't know

If No SKIP to Q45, if Don't know SKIP to Q46

14. Integrator - Mapping and Data Management 2

44. Approximately what percentage of your premises have PINs or LIDs?

15. Integrator - Mapping and Data Management 3

45. Do you have a plan to obtain PINs or LIDs for your premises?

- Yes
- No

16. Integrator - Mapping and Data Management 4

46. Participants in the State/Industry/Federal Fall Planning meeting identified the pre-outbreak assignment and entry of PINs in Veterinary Services Emergency Management Response System (EMRS) as critical to efficient reporting of test results and to the issuance of permits for moving animals and products.

Has your company participated in these activities?

- Yes
- No

If Yes SKIP to Q48

17. Integrator - Mapping and Data Management 5

47. Since you have not had your PINs entered in EMRS would you like our EMRS group to contact you to work on this?

- Yes (If you would like to start promptly, please email Fred.G.Bourgeois@aphis.usda.gov)
- No

18. Integrator - Biosecurity 1

48. Have any of your farm(s) implemented a biosecurity plan (e.g., a site-specific document developed by a producer to define the measures taken by employees to prevent disease introduction to the production facility)?

Yes

No

If No SKIP to Q51

19. Integrator - Biosecurity 2

49. Do your biosecurity plans include standard operating procedures (SOPs) that clearly describe (check Y/N for each):

	<u>Yes</u>	<u>No</u>
a. How biosecurity procedures will be performed to manage disease risk?	<input type="radio"/>	<input type="radio"/>
b. Performance measures?	<input type="radio"/>	<input type="radio"/>
c. Site specific plans for each contract grower?	<input type="radio"/>	<input type="radio"/>

50. Do your biosecurity plans address these issues (check Y/N for each):

	<u>Yes</u>	<u>No</u>
a. Proximity to other poultry farms	<input type="radio"/>	<input type="radio"/>
b. Proximity to another poultry farms litter/manure spreading	<input type="radio"/>	<input type="radio"/>
c. Distance to other risk factors such as public roads	<input type="radio"/>	<input type="radio"/>
d. Separation of clean and dirty areas for barns or other facilities	<input type="radio"/>	<input type="radio"/>
e. General cleaning and disinfection protocols	<input type="radio"/>	<input type="radio"/>
f. Vehicle traffic	<input type="radio"/>	<input type="radio"/>
g. Foot traffic/personnel	<input type="radio"/>	<input type="radio"/>
h. Employee exposures to any birds not on the farm on which they work	<input type="radio"/>	<input type="radio"/>
i. Employees family members that may work at a different poultry farm	<input type="radio"/>	<input type="radio"/>
j. Entry by service persons (e.g. no multiple visits on same day, sanitation, clothing, vehicle cleaning and disinfection entering and exiting the facility, etc.)	<input type="radio"/>	<input type="radio"/>
k. Contract crews biosecurity	<input type="radio"/>	<input type="radio"/>
l. Water source sanitation	<input type="radio"/>	<input type="radio"/>
m. Air/wind spread, i.e. use of filters or geographical separation	<input type="radio"/>	<input type="radio"/>
n. Dead bird disposal	<input type="radio"/>	<input type="radio"/>
o. Pets, birds, wild birds, livestock, wild and/or domestic animals	<input type="radio"/>	<input type="radio"/>
p. Pest control (e.g., rodents, flies, bats, etc.)	<input type="radio"/>	<input type="radio"/>
q. Policies for shared equipment	<input type="radio"/>	<input type="radio"/>
r. Other (<i>specify in comment field</i>)	<input type="radio"/>	<input type="radio"/>

Comment:

51. Which of the following potential disease pathways are the most difficult to manage for your farms (Pick three)?

- a. Proximity to other poultry farms
- b. Proximity to another poultry farms litter/manure spreading
- c. Distance to other risk factors such as public roads
- d. Separation of clean and dirty areas for barns or other facilities
- e. General cleaning and disinfection protocols
- f. Vehicle traffic
- g. Foot traffic/personnel
- h. Employee exposures to any birds not on the farm on which they work
- i. Employees family members that may work at a different poultry farm
- j. Entry by service persons (e.g. no multiple visits on same day, sanitation, clothing, vehicle cleaning and disinfection entering and exiting the facility, etc.)
- k. Contract crews biosecurity
- l. Water source sanitation
- m. Air/wind spread, i.e. use of filters or geographical separation
- n. Dead bird disposal
- o. Pets, birds, wild birds, livestock, wild and/or domestic animals
- p. Pest control (e.g., rodents, flies, bats, etc)
- q. Policies for shared equipment
- r. Other (specify in comment field)

Select an answer from each of the drop-downs below:

1st

2nd

3rd

Other (please specify)

52. What are you doing to mitigate the three problem areas identified in the previous question?

53. What are the top-three things you have done since the start of the HPAI outbreak to increase biosecurity?

1st

2nd

3rd

54. Have you implemented protocols for monitoring farm biosecurity compliance?

- Yes
- No

55. Which of the following do you believe would be the most appropriate for helping you create or update a biosecurity plan for your farm(s)?

- Poultry industry
- Federal government
- State government
- Academia
- Other (specify in comment field)

Comment:

56. What percentage of your farms has had biosecurity audits (total of all answers must equal 100):

- % Quarterly or more often
- % Semi annually
- % Annually
- % Less than once/year
- % Never

57. Have company and other service personnel (e.g., field service persons, flock service technicians, etc.) been (check Y/N for each):

	<u>Yes</u>	<u>No</u>
a. Instructed on biosecurity expectations?	<input type="radio"/>	<input type="radio"/>
b. Prohibited from visiting multiple farms on the same day?	<input type="radio"/>	<input type="radio"/>
c. Required to take vehicle precautions (e.g., park away from barns, clean / disinfect, etc.)?	<input type="radio"/>	<input type="radio"/>
d. Required to take personal biosecurity precautions (e.g., shower, clothing, footwear, etc.)?	<input type="radio"/>	<input type="radio"/>

58. Do biosecurity auditors receive the following training (check Y/N for each)?

	<u>Yes</u>	<u>No</u>
a. ISO 9001 Auditor training	<input type="radio"/>	<input type="radio"/>
b. Industry training program	<input type="radio"/>	<input type="radio"/>
c. State-sponsored auditor training	<input type="radio"/>	<input type="radio"/>
d. On job training	<input type="radio"/>	<input type="radio"/>
e. Others (specify in comment field)	<input type="radio"/>	<input type="radio"/>

Comment:

59. Which of the following do you believe would be the most appropriate for helping you create a biosecurity audit program for your farms?

- Poultry industry
- Federal government
- State government
- Academia
- Other (specify in comment field)

Comment:

60. Who conducts farm biosecurity audits?

- Farm personnel
- Other Company personnel
- 3rd party
- Regulatory official
- Other (*specify in comment field*)

Comment:

61. In the last 12 months, what percentage of your farms passed the biosecurity audits?

62. Does your company take action when a farm fails a biosecurity audit (e.g., retrain, remove contract, reaudit, financial penalty)?

- Yes (*specify the type(s) of penalty in comments field*)
- No

Comment:

63. Are audits conducted as a (select one):

- Unannounced or unscheduled / random on farm visit
- Scheduled on farm visit
- Record check (no visit)
- Other (*specify in comment field*)

Comment:

If Record check (no visit) Skip to Q65

20. Integrator - Biosecurity 3

64. Are biosecurity practices observed and verified during the on-farm audit?

- Yes
- No

65. Has your company implemented any of the following measures to increase biosecurity awareness (check Y/N for each)?

	Yes	No
a. Appointed one individual to be responsible for biosecurity training and implementation	<input type="radio"/>	<input type="radio"/>
b. Conducted meetings to address biosecurity with employees, co-op members, contract growers, etc.	<input type="radio"/>	<input type="radio"/>
c. Conducted biosecurity webinars for employees, co-op members, contract growers, etc.	<input type="radio"/>	<input type="radio"/>
d. Develop producer or company site-specific biosecurity plans	<input type="radio"/>	<input type="radio"/>
e. Established biosecurity communications with employees, co-op members, contract growers, etc. by email or mail	<input type="radio"/>	<input type="radio"/>
f. Sent biosecurity messages through media (print, radio, etc.)	<input type="radio"/>	<input type="radio"/>
g. Conducted paper audits of biosecurity plans	<input type="radio"/>	<input type="radio"/>
h. Conducted site audits of biosecurity plans	<input type="radio"/>	<input type="radio"/>
i. Conducted site visits to assist in development or implementation of biosecurity plans	<input type="radio"/>	<input type="radio"/>
j. Conducted hands-on training	<input type="radio"/>	<input type="radio"/>
k. Other (<i>specify in comment field</i>)	<input type="radio"/>	<input type="radio"/>

Comment:

66. Do you have a communication system that ensures contract growers and farm employees receive timely information regarding the disease status of the farm or operation?

- Yes
- No

67. Is there a communication/education plan in place to inform visitors and service providers of the farm's disease status and biosecurity requirements?

- Yes
- No

68. Do you have protocols for growers to report disease or increased mortality?

- Yes
- No

69. Is your biosecurity plan communicated to personnel who are not fluent in English in their native language?

- Yes
- No

70. Would having bilingual biosecurity educational materials provided by APHIS be helpful?

- Yes
- No

If No SKIP to Q72

21. Integrator - Biosecurity 4

71. Materials in what language(s) would be most helpful?

22. Integrator - Comments:

72. Is there anything else you would like to share with us about your level of preparedness for a possible HPAI outbreak this fall?

23. Grower / Producer - General Information

73. Respondent Information:

Name of Respondent*

Address of farm

Address 2

City/Town

State/Territory*

ZIP/Postal Code

Email Address

Phone Number

74. What company are you affiliated with, if any?*

75. Do you have the following type(s) of poultry (check Y/N for each)?*

	<u>Yes</u>	<u>No</u>
a. Turkey	<input type="radio"/>	<input type="radio"/>
b. Broiler	<input type="radio"/>	<input type="radio"/>
c. Layer	<input type="radio"/>	<input type="radio"/>
d. Game birds	<input type="radio"/>	<input type="radio"/>
e. Waterfowl	<input type="radio"/>	<input type="radio"/>
f. Other (<i>specify in comment field</i>)	<input type="radio"/>	<input type="radio"/>

Comment:

76. Do you own more than one farm with poultry?

- Yes
- No

If No, SKIP to Q80

24. Grower / Producer - Multiple farms

77. How many farms do you own (enter numbers only)?

78. How many birds are on your largest farm (enter numbers only)?

79. Briefly describe your operation(s) in the field below:

25. Grower / Producer - Single farm

80. How many birds are on this farm?

Enter total number:

26. Grower / Producer - Depopulation 1

81. Do you have a plan for rapidly depopulating all your poultry if they become infected with HPAI this fall?

- Yes
- No

If No SKIP to Q83

27. Grower / Producer - Depopulation 2

82. Please check all methods you plan to use for rapidly depopulating all poultry on infected farm(s):

- Water-based foam
- Carbon dioxide (CO2)
- Cervical dislocation
- Captive bolt
- Ventilation shutdown
- Other (please specify)

83. Do you have a plan for rapidly disposing of all your poultry if they become infected with HPAI this fall?

- Yes
- No

If No SKIP to Q85

28. Grower / Producer - Depopulation 3

84. Please check all methods you plan to use for rapidly disposing all poultry on infected farm(s):

- In-house composting
- Outdoor, onsite composting
- Burial
- Off-site composting
- Landfill
- Incineration
- Other (please specify)

29. Grower / Producer - Biosecurity

85. Are your regular employees (check Y/N for each):

	<u>Yes</u>	<u>No</u>
a. Instructed on biosecurity expectations?	<input type="radio"/>	<input type="radio"/>
b. Prohibited from visiting multiple farms on the same day?	<input type="radio"/>	<input type="radio"/>
c. Required to take vehicle precautions (e.g., park away from barns, clean/disinfect, etc.)?	<input type="radio"/>	<input type="radio"/>
d. Required to take personal biosecurity precautions (e.g., shower, clothing, footwear, etc.)?	<input type="radio"/>	<input type="radio"/>

86. How often does your farm(s) have biosecurity audits:

- Quarterly or more often
- Semi annually
- Annually
- Less than once/year
- Never

87. What are the top-three things you have done since the start of the 2015 HPAI outbreak to increase biosecurity?

1st

2nd

3rd

88. Which of the following potential disease pathways are the most difficult to manage for your farm(s) (Pick three)?

- a. Proximity to other poultry farms
- b. Proximity to another poultry farms litter/manure spreading
- c. Distance to other risk factors such as public roads
- d. Separation of clean and dirty areas for barns or other facilities
- e. General cleaning and disinfection protocols
- f. Vehicle traffic
- g. Foot traffic/personnel
- h. Employee exposures to any birds not on the farm on which they work
- i. Employees family members that may work at a different poultry farm
- j. Entry by service persons (e.g. no multiple visits on same day, sanitation, clothing, vehicle cleaning and disinfection entering and exiting the facility, etc.)
- k. Contract crews biosecurity
- l. Water source sanitation
- m. Air/wind spread, i.e. use of filters or geographical separation
- n. Dead bird disposal
- o. Pets, birds, wild birds, livestock, wild and/or domestic animals
- p. Pest control (e.g., rodents, flies, bats, etc.)
- q. Policies for shared equipment
- r. Other (specify in comment field)

Select an answer from each of the drop-downs below:

1st

2nd

3rd

Other (please specify)

89. Have you implemented a site-specific biosecurity plan?

- Yes
- No

90. Is biosecurity information communicated to personnel who are not fluent in English in their native language?

- Yes
- No

91. Would having bilingual biosecurity educational materials provided by APHIS be helpful?

- Yes
- No

If No SKIP to Q93

30. Grower / Producer - Biosecurity follow-up

92. Materials in what language(s) would be most helpful?

31. Grower / Producer - Comments:

93. Is there anything else you would like to share with us about your level of preparedness for a possible HPAI outbreak this fall?

32. End of Survey

Thank you for helping APHIS prepare for a potential HPAI outbreak in the fall. Responses to this survey will help APHIS better understand how we can assist your industry and will also highlight areas on your operation in need of improvement. Your involvement is critical to preventing HPAI infection in your flocks and ensuring a swift response to any future outbreaks.

To receive HPAI reports should new cases occur in the United States please [subscribe to the VS Animal Health Stakeholder Registry](#). For more information on HPAI and biosecurity go to the [APHIS website](#). If you have any questions about this survey, please contact Diane Sutton at 301-851-3509 or Diane.L.Sutton@aphis.usda.gov