



United States Department of Agriculture

# State Survey Results: Preparation for a Potential HPAI Outbreak

## Fall 2015

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## Introduction

USDA's Animal and Plant Health Inspection Service (APHIS) distributed a survey through the National Assembly of State Animal Health Officials to the 50 State Departments of Agriculture on July 13, 2015. The survey was designed to help APHIS and the States prepare for a potential highly pathogenic avian influenza (HPAI) outbreak this fall. The summary that follows presents a snapshot of State readiness as of July 2015. Since that time, APHIS, through the Veterinary Services (VS) Assistant Directors, have collaborated with State animal health officials to mitigate, to the greatest extent possible within State resources, any preparedness gaps that were identified.

The questionnaire covered a broad set of topics: incident response preparedness; cancellation of poultry shows, sales, and exhibitions; biosecurity and communications; public health; laboratory preparation; depopulation, disposal, equipment, and supplies; and mapping and data management.

All 50 States responded to the questionnaire and their responses are described in this report as are the collective responses for those States identified by the worst-case scenario (WCS): Alabama, Arkansas, California, Delaware, Georgia, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Pennsylvania, South Carolina, Texas, and Virginia. For planning purposes, Veterinary Services defined an outbreak in these 20 States, which represent the top layer, broiler, and turkey producing States as the WCS States.

From this analysis, we conclude that the 20 critical WCS States have all made important efforts in implementing detection, preparedness, and response capabilities for future HPAI cases. The majority have also collaborated with their industries to improve education and awareness about HPAI. All 20 critical States have implemented one or more practices to increase biosecurity and address gaps. However, improvements are still needed, as indicated in the summary findings and recommendations that follow.

APHIS thanks States for their continued work on HPAI preparedness and specifically for their cooperation in completing this survey.

## Summary Findings and Recommendations

### *Incident Response Preparation*

Nearly all States (45 of all 50 States, 19 WCS States) have an incident response plan for a potential HPAI outbreak this fall. About two-thirds of all States (31) and three-fourths of WCS States (15) have an incident management team or task force; 43 States (16 WCS States) have a list of key people and a poultry emergency management committee. In 34 States (18 WCS States), more than half the employees have had Incident Command System (ICS) training, and in 30 States (11 WCS States) more than half the employees have worked within an ICS structure. The majority of States (31 of all 50 States, 12 WCS States) are prepared to respond to 1 to 4 newly infected flocks per week; however, 10 States (2 WCS States) are prepared to respond to less than 1 newly infected flock per week.

#### Recommendations:

- All WCS States should have an HPAI incident response plan.
- WCS States should emphasize ICS training for employees that will be responding to an emergency.
- WCS States should work with neighboring States or engage in discussions with Veterinary Services to increase their capability to respond to newly infected flocks.

### *Cancellation of Poultry Shows, Sales, and Exhibitions*

Most States (34 of all 50 States, 12 WCS States) have not decided whether or not they will cancel poultry exhibitions and live-bird sales this fall/winter. The majority of States would cancel poultry exhibitions and live-bird sales if HPAI was detected within their State, and about half would do so if HPAI was detected in a nearby State. Few States (but about half of WCS States) would cancel poultry exhibitions and live-bird sales in the event of an HPAI detection within their flyway.

#### Recommendation:

- States need to develop plans for cancelling poultry exhibitions and live-bird sales for implementation if HPAI returns in the fall/winter.

### *Biosecurity and Communication*

On a scale of 1 to 5, the majority of States (33 of all 50 States, 16 WCS States) felt comfortable (score of 3 or higher) with the effectiveness of biosecurity used by the poultry industry in their State. Only 19 States (8 WCS States) have prepared a delegation of quarantine authority that could be utilized in the event of an HPAI outbreak in a State that would need VS' assistance with this activity.

#### Recommendations:

- Increase efforts to develop and implement biosecurity plans on poultry operations.
- WCS States should develop a plan for delegation of authorities in the advent of an HPAI outbreak.

### *Public Health*

Nearly all States (43 of all 50 States, 19 WCS States) have a process in place to clear responders for respirator use. In the majority of States, over half of potential responders have been fit-tested and are

cleared for respirator use. Most States have worked with State and local public health officials regarding vaccination and flu-like illness in responders, and nearly all of these States indicated that public health agencies will have an active role in a potential HPAI outbreak.

Recommendations:

- All WCS States need a process to clear responders for respiratory use.
- All States need to increase the percentage of responders that are fit-tested and cleared for respirator use.
- States without plans need to develop plans for influenza vaccination and response to illness compatible with influenza in cooperation with State and local public health authorities.

*Laboratory Preparation*

The majority of States (34 of all 50 States, 15 WCS States) have a National Animal Health Laboratory Network (NAHLN) laboratory that can conduct tests and provide results within 6 hours or around the clock. Most States and WCS States have Web-based submission forms or a sufficient supply of preprinted submission forms; about half the States and WCS States would use an APHIS-created national laboratory form. NAHLN laboratories for 25 States (11 WCS States) use barcodes; most of the laboratories for the remaining States are not prepared to implement barcodes. The contact information in the APHIS/NVSL email group for animal health officials who receive laboratory results is either incorrect or unknown for 10 States (2 WCS States).

Recommendation:

- Some States will need to further streamline laboratory submission and result reporting processes to facilitate the capability of the NAHLN laboratories to conduct tests and provide results within 6 hours or around the clock.

*Depopulation, Disposal, Equipment, and Supplies*

Fifteen States (3 WCS States) could dispose of fewer than 10,000 birds per day without assistance. Less than half of States and WCS States have agreements with landfills for disposal of birds or materials.

While 42 States (18 WCS States) reported that at least 50 percent of commercial operations have depopulation and disposal plans, only 2 States (0 WCS States) reported that at least 50 percent of commercial game bird producers do.

Nearly all States indicated they will need supplies from APHIS. Few States had emergency contracts in place for rapid delivery of supplies and services.

Recommendations

- Many States need to develop plans to increase capacity to handle without assistance the number of birds that might be involved in a potential outbreak this fall.
- States will need to further improve disposal plans, including identification of landfills and encouraging poultry operations (especially commercial game bird operations) to develop site-specific depopulation and disposal plans.

- States will need to continue to ensure that arrangements are being made for local and regional stocking of supplies as well as identification of services at the State and National level to ensure rapid delivery of supplies and services.

### *Mapping and Data Management*

Forty States (16 WCS States) issue national premises identification numbers (PINs) or State location identifiers (LIDs). Of these, 21 States (10 WCS States) reported that at least 50 percent of poultry operations have IDs. Thirty-six States (17 WCS States) have personnel trained and able to access the APHIS Emergency Management Response System (EMRS). Of the 36 States (17 WCS States) with EMRS-trained personnel, 25 States (10 WCS States) have no EMRS specialists, while the rest (11 States, 7 WCS States) have at least some specialists. Four States (2 WCS States) reported that all their EMRS personnel need more training. Nearly all States have GIS resources available, and most have one to two GIS employees.

#### Recommendations

- States must emphasize continued EMRS training and facilitate access to the database.
- States need to develop processes to populate EMRS with premises identifiers
- States should develop geographic information system databases with the locations of commercial and backyard poultry operations to facilitate emergency response activities.

### **Incident Response Preparation**

Nearly all States (45 of all 50 States, 19 of 20 WCS States) have an incident response plan for a potential HPAI outbreak this fall. Most States plan to use their LPAI plan. About two-thirds of all States (31) and three-fourths of WCS States (15) have an incident management team or task force; 43 all States (16 WCS States) have a list of key people and a poultry emergency management committee. About half of all States (all WCS States) have identified locations for an Incident Command Post. In 34 States (18 WCS States), more than half the employees have had Incident Command System (ICS) training, and in 30 States (11 WCS States) more than half the employees have worked within an ICS structure. All States have authority to quarantine and establish control zones. The majority of States (31 all states, 12 WCS States) are prepared to respond to one to four newly infected flocks per week; however, 10 States (2 WCS States) are prepared to respond to less than one newly infected flock per week.

#### 1. States with an incident response plan for a fall HPAI outbreak:

Incident response plan?	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Yes, we have an HPAI-specific plan</b>	18	36.0	9	45.0
<b>Yes, we plan to use our LPAI plan</b>	27	54.0	10	50.0
<b>No</b>	5	10.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

2. States with an incident management team(s) or task force(s) prepared for a fall HPAI outbreak:

Incident team or task force?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	31	62.0	15	75.0
No	18	36.0	5	25.0
Don't know	1	2.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

3. States with a list of key people\* who would be instrumental in responding to an HPAI outbreak:

List of key people?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	43	86.0	16	80.0
No	7	14.0	4	20.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

\*For example: State, industry, and local officials and their public affairs contacts, emergency coordinators, composting experts, waste management experts, contract companies for response assistance, poultry specialists or others.

4. States with a poultry emergency management committee:

Emergency committee?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	43	86.0	20	100.0
No	5	10.0	0	0.0
Don't know	2	4.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

5. States with authority to quarantine exposed properties or to set up control zones in which movement is restricted within and outside of the control zone:

Set up control zones?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	50	100.0	20	100.0
No	0	0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

6. States that have identified potential locations for an Incident Command Post site(s) in areas of high poultry density in the event of a fall HPAI outbreak:

Identified locations?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	24	48.0	20	100.0
No	24	48.0	0	0.0
Don't know	2	4.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

7. States by estimated percentage of employees who have had Incident Command System (ICS) training:

Percent employees	Number of States	Percent States	Number of WCS States	Percent WCS States
1 to 25	4	8.0	1	5.0
26 to 50	10	20.0	1	5.0
51 to 75	7	14.0	2	10.0
76 to 99	22	44.0	13	65.0
100	7	14.0	3	15.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

8. States by percentage of employees that have ever worked within an ICS structure:

Percent employees	Number of States	Percent States	Number of WCS States	Percent WCS States
0	1	2.0	0	0.0
1 to 25	14	28.0	6	30.0
26 to 50	14	28.0	3	15.0
51 to 75	9	18.0	5	25.0
76 to 99	10	20.0	6	30.0
100	1	2.0	0	0.0
Don't know	1	2.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

9. States by number of newly infected flocks per week the State is prepared to respond to in the event of a fall HPAI outbreak using only State, industry, and within-State APHIS resources:

Number of newly infected flocks able to respond to per week	Number of States	Percent States	Number of WCS States	Percent WCS States
<1	10	20.0	2	10.0
1	14	28.0	5	25.0
2	8	16.0	2	10.0
3 to 4	9	18.0	5	25.0
5 to 6	3	6.0	2	10.0
7 to 9	1	2.0	1	5.0
13 to 15	1	2.0	1	5.0
>15	1	2.0	1	5.0
Other*	3	6.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

\*Other includes States that don't know or have no commercial poultry.

### Cancellation of Poultry Shows, Sales, and Exhibitions

Most States (34 all States, 12 WCS States) have not decided whether or not they will cancel poultry exhibitions and live-bird sales this fall/winter. The majority of States would cancel poultry exhibitions and live-bird sales if HPAI was detected within their State, and about half would do so if HPAI is detected in a nearby State. Few States (but about half WCS States) would cancel poultry exhibitions and live-bird sales in the event of an HPAI detection within their flyway.

1. States by whether poultry exhibitions and live-bird sales through markets and swap meets will be canceled this fall/winter:

Cancel or not	Number of States	Percent States	Number of WCS States	Percent WCS States
Have or will cancel exhibitions this fall/winter	16	32.0	8	32.0
Have or will cancel sales this fall/winter	9	18.0	5	20.0
Have not decided	34	68.0	12	48.0



2. States that plan to cancel **poultry exhibitions** if HPAI is detected in any of the following within a **flyway** associated with their State:

Cancel if detected in...	Number of States	Percent States	Number of WCS States	Percent WCS States
Backyard flocks	15	30.0	9	45.0
Commercial Poultry	15	30.0	9	45.0
Wildlife	10	20.0	6	30.0
Will not or unlikely to cancel	19	38.0	5	25.0
Undecided	15	30.0	5	25.0

3. States that plan to cancel **poultry exhibitions** if HPAI is detected in any of the following in **nearby States**:

Cancel if detected in...	Number of States	Percent States	Number of WCS States	Percent WCS States
Backyard flocks	25	50.0	10	50.0
Commercial Poultry	26	52.0	11	55.0
Wildlife	17	34.0	9	45.0
Will not or unlikely to cancel	11	22.0	3	15.0
Undecided	12	24.0	5	25.0

4. States that plan to cancel **poultry exhibitions** if HPAI is detected in any of the following within **their State**:

Cancel if detected in...	Number of States	Percent States	Number of WCS States	Percent WCS States
Backyard flocks	42	84.0	17	85.0
Commercial Poultry	41	82.0	16	80.0
Wildlife	24	48.0	10	50.0
Will not or unlikely to cancel	1	2.0	0	0.0
Undecided	6	12.0	3	15.0

5. States that plan to cancel **live-bird sales** through markets and swap meets if HPAI is detected in any of the following within a **flyway** associated with their State:

Cancel if detected in...	Number of States	Percent States	Number of WCS States	Percent WCS States
Backyard flocks	13	26.0	8	40.0
Commercial poultry	13	26.0	8	40.0
Wildlife	9	18.0	5	25.0
Will not or unlikely to cancel	18	36.0	4	20.0
Undecided	19	38.0	8	40.0

6. States that plan to cancel **live-bird sales** through markets and swap meets if HPAI is detected in any of the following in **nearby States**:

Cancel if detected in...	Number of States	Percent States	Number of WCS States	Percent WCS States
Backyard flocks	25	50.0	11	55.0
Commercial Poultry	26	52.0	12	60.0
Wildlife	16	32.0	8	40.0
Will not or unlikely to cancel	11	22.0	3	15.0
Undecided	13	26.0	5	25.0

7. States that plan to cancel **live-bird sales** through markets and swap meets if HPAI is detected in any of the following in **their State**:

Cancel if detected in...	Number of States	Percent States	Number of WCS States	Percent WCS States
Backyard flocks	38	76.0	16	80.0
Commercial poultry	37	74.0	15	75.0
Wildlife	23	46.0	10	50.0
Will not or unlikely to cancel	2	4.0	0	0.0
Undecided	10	20.0	5	25.0

## Biosecurity and Communication

On a scale of 1 to 5, the majority of States (33 all States, 16 WCS States) felt comfortable (score of 3 or higher) in the effectiveness of biosecurity used by the poultry industry in their State. Nearly all States (all WCS States) had meetings with industry and outreach directed at backyard poultry owners to increase biosecurity and address biosecurity gaps. Email, mail, and media were used by most States to communicate biosecurity messages. Only 19 States (8 WCS States) have prepared a delegation of authority that could be deployed rapidly in the event of an HPAI outbreak.

1. States by level of confidence (on a scale of 1 to 5) in the effectiveness of biosecurity practices used in their State's poultry industry:

Level of confidence	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>1 (not confident)</b>	0	0.0	0	0.0
<b>2</b>	8	19.5	3	15.0
<b>3</b>	19	46.3	10	50.0
<b>4</b>	14	34.2	5	25.0
<b>5 (very confident)</b>	0	0.0	1	5.0
<b>Don't know</b>	9	18.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

2. States by practices being used to increase biosecurity and address biosecurity gaps:

Practices	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Biosecurity communications to industry by email or mail</b>	39	78.0	17	13.5
<b>Biosecurity messages through media (print, radio, etc.)</b>	39	78.0	19	15.1
<b>Biosecurity webinars for industry</b>	12	24.0	7	5.6
<b>Development of producer or company site specific biosecurity plans</b>	25	50.0	14	11.1
<b>Hands-on training</b>	11	22.0	10	7.9
<b>Meetings with industry</b>	44	88.0	20	15.9
<b>Outreach directed specifically to backyard poultry owners</b>	46	92.0	20	15.9
<b>Paper audits of biosecurity plans</b>	8	16.0	5	4.0
<b>Site audits of biosecurity plans</b>	11	22.0	7	5.6
<b>Site visits to assist in development or implementation of biosecurity plans</b>	17	34.0	7	5.6

3. States by whether or State and/or local public affairs staffs have HPAI materials and a communication plan for media and producers in the event of an HPAI outbreak this fall:

Communication plan?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	41	82.0	17	85.0
No	6	12.0	2	10.0
Don't know	3	6.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

4. States by whether they have considered which authorities will be delegated should the State request assistance from APHIS and, in addition, have prepared a delegation of authority that could be deployed rapidly in the event of a HPAI outbreak this fall:

Considered/prepared?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	19	38.0	8	40.0
No	23	46.0	8	40.0
Don't know	8	16.0	4	20.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

## Public Health

Nearly all States (43 all States, 19 WCS States) have a process in place to clear responders for respirator use. In the majority of States, over half of potential responders have been fit-tested and are cleared for respirator use. Most States have worked with State and local public health officials regarding vaccination and flu-like illness in responders, and nearly all of these States indicated that public health agencies will have an active role in a potential HPAI outbreak.

1. Number and percentage of all States by whether the State has a process in place to clear their State and industry responders for respirator use:

Process?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	43	86.0	19	95.0
No	6	12.0	1	5.0
Don't know	1	2.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

2. States by the percentage of potential responders cleared for respirator use:

Percent cleared	Number of States	Percent States	Number of WCS States	Percent WCS States
0	2	4.0	0	0.0
1 to 19	6	12.0	1	5.0
20 to 49	7	14.0	3	15.0
50 to 79	11	22.0	7	35.0
80 to 99	18	36.0	8	40.0
100	3	6.0	1	5.0
Don't know	3	6.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

3. States by percentage of potential responders fit-tested for respirator use:

Percent fitted	Number of States	Percent States	Number of WCS States	Percent WCS States
0	5	10.0	1	5.0
1 to 19	6	12.0	1	5.0
20 to 49	6	12.0	2	10.0
50 to 79	14	28.0	9	45.0
80 to 99	15	30.0	7	35.0
100	2	4.0	0	0.0
Don't know	2	4.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

4. States by whether they have worked with State and local public health agencies to determine whether respondents will be vaccinated for influenza and how public health agencies will respond to an incident in which a responder had illness compatible with influenza:

Determined vaccination/response?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	36	72.0	16	80.0
No	9	18.0	2	10.0
Don't know	5	10.0	2	10.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

5. For States that have worked with State and local public health agencies regarding response plans for flu vaccinations, States by whether State or local public health agencies plan to take an active role in the administration of vaccines:

Public health active role?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	34	94.4	15	93.7
No	2	5.6	1	6.3
<b>Total</b>	<b>36</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>

## Laboratory Preparation

The majority of States (34 all States, 15 WCS States) have a NAHLN laboratory that can conduct tests and provide results within 6 hours or around the clock. Most States and WCS States have Web-based submission forms or a sufficient supply of preprinted submission forms; about half the States and WCS States would use an APHIS-created national laboratory form. NAHLN laboratories for 25 States (11 WCS States) use barcodes; most of the laboratories for the remaining States are not prepared to implement barcodes. The contact information in the APHIS/NVSL email group for animal health officials who receive laboratory results is either incorrect or unknown for 10 States (2 WCS States).

1. States by whether they have a NAHLN laboratory ready, willing, and able to conduct avian influenza PCR testing and provide results within 6 hours, or around the clock, if needed:

NAHLN lab?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	34	68.0	15	75.0
No	5	10.0	3	15.0
Don't know	3	6.0	2	10.0
NA; there is no NAHLN lab in State that performs avian influenza testing	8	16.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

2. States by whether they have Web-based submission forms that can be rapidly printed or have sufficient quantities of preprinted submission forms available in preparation for an HPAI outbreak in the fall:

Web-based or preprinted forms?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	37	74.0	15	75.0
No	5	10.0	2	10.0
Don't know	8	16.0	3	15.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

3. States by whether they would use an APHIS-created national laboratory submission form for HPAI:

APHIS form?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	23	46.0	9	45.0
No	2	4.0	0	0.0
Don't know	25	50.0	11	55.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

4. States by whether their NAHLN laboratory uses barcodes:

Barcodes?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	25	50.0	11	55.0
No	14	28.0	8	40.0
Don't know	11	22.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

5. For States with a NAHLN laboratory that does not use barcodes, States by whether their laboratory has a system in place that would allow for rapid implementation of barcodes:

System for barcodes?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	5	35.7	3	37.5
No	4	28.6	3	37.5
Don't know	5	35.7	2	25.0
<b>Total</b>	<b>14</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>

6. States by whether contact information for animal health officials that receive laboratory results from NVSL is correct in the APHIS/NVSL email group:

Information correct?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	40	80.0	18	90.0
No	3	6.0	1	5.0
Don't know	7	14.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

### Depopulation, Disposal, Equipment, and Supplies

About half the States (24 all States, 12 WCS States) would support shutting down ventilation systems as a means of depopulation; 14 States (5 WCS States) would like to have a State/APHIS call to discuss the issue. For birds on the floor, 14 States (10 WCS States) could depopulate more than 50,000 birds per day without assistance from APHIS; 13 States (3 WCS States) could depopulate fewer than 1,000 birds per day. For birds raised in cages, 20 States (6 WCS States) could depopulate fewer than 1,000 birds per day without assistance.



Fifteen States (3 WCS States) could dispose of fewer than 10,000 birds per day without assistance. Most States and WCS States are prepared to get approval for disposal methods; half of States and WCS States are prepared to get approval for runoff from cleaning and disinfecting procedures. Less than half of States and WCS States have agreements with landfills for disposal of birds or materials.

While 42 States (18 WCS States) reported that at least 50 percent of commercial operations have depopulation and disposal plans, only 2 States (0 WCS States) reported that at least 50 percent of commercial game bird producers do.

Twenty-one States (10 WCS States) are stockpiling supplies that will last for weeks, and 14 States (7 WCS States) have supplies that will last for days. Only eight States (6 WCS States) that are stockpiling supplies will be able to share the supplies with other States. The most frequently reported supplies being stockpiled include Tyvek, respirators, other personal protective equipment (PPE), and disinfectant. Nearly all States indicated they will need supplies from APHIS. Few States had emergency contracts in place for rapid delivery of supplies and services.

1. States by number of birds\* **raised on the floor** that could be depopulated on a daily basis without APHIS assistance (in the event of a fall HPAI outbreak):

Number of birds per day	Number of States	Percent States	Number of WCS States	Percent WCS States
<100	7	14.0	2	10.0
<500	3	6.0	1	5.0
<1,000	3	6.0	1	5.0
<10,000	6	12.0	0	0.0
<50,000	17	34.0	6	30.0
<100,000	7	14.0	6	30.0
<500,000	1	2.0	1	5.0
<1,000,000	1	2.0	1	5.0
<5,000,000	1	2.0	1	5.0
Other (please specify) <sup>1</sup>	4	8.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

\*Poultry of the typical species and ages raised on the floor.

<sup>1</sup> Other=Not applicable, don't know, and need NVS foamers.

2. States by number of birds\* **raised in cages** that could be depopulated on a daily basis in without APHIS assistance (in the event of a fall HPAI outbreak):

Number of birds per day	Number of States	Percent States	Number of WCS States	Percent WCS States
<100 birds	6	12.0	2	10.0
<500 birds	4	8.0	1	5.0
<1,000 birds	10	20.0	3	15.0
<10,000 birds	11	22.0	3	15.0
<50,000 birds	9	18.0	5	25.0
<100,000 birds	2	4.0	1	5.0
Other (please specify) <sup>1</sup>	8	16.0	5	25.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

\*Poultry of the typical species and ages raised in cages.

<sup>1</sup> Other=Don't know, not applicable.

3. States by whether the State would support shutting down ventilation systems as a means of depopulation, if depopulation within 24 hours of a presumptive positive could not be achieved using other methods:

Shut down ventilation?	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Yes</b>	24	48.0	12	60.0
<b>No</b>	5	10.0	0	0.0
<b>I would like to have a State/APHIS call to discuss</b>	14	28.0	5	25.0
<b>Don't know</b>	7	14.0	3	15.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

4. States by whether States have identified sources for rapidly deploying water and tankers as part of an HPAI response:

Identified source for water/tankers?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	21	42.0	12	60.0
No	20	40.0	4	20.0
Don't know	9	18.0	4	20.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

5. States that have approval—or a process in place to get expedited approval, if needed—from the necessary local and/or State departments or agencies for handling the following situations potentially associated with an HPAI outbreak:

Situations?	Number of States	Percent States	Number of WCS States	Percent WCS States
Outdoor composting, burial, or other disposal methods	41	82.0	17	85.0
Run off from cleaning and disinfecting procedures	24	48.0	10	50.0

6. States by whether they have a plan\* for notifying the poultry industry of HPAI control areas and other areas to be avoided when routing trucks, including areas likely to be in a control zone:

Plan?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	26	52.0	16	80.0
No	22	44.0	3	15.0
Don't know	2	4.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

\*For example, phone recorded message or Web site.

7. States by whether they have worked with their Secretary/Commissioner of Agriculture or others to develop a process for rapid access to out-of-agency resources and to what extent resources would be funded:

Process?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	37	74.0	17	85.0
No	9	18.0	1	5.0
Don't know	4	8.0	2	10.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

8. States by whether they have a plan for carcass disposal in the event of catastrophic poultry deaths or depopulation (e.g., disposal of half or all of State's poultry):

Plan?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	19	38.0	11	55.0
No	27	54.0	8	40.0
Don't know	4	8.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

9a. Number and percentage of all States that have agreements with landfills within their State to dispose of massive amounts of the following items:

Items	Number of States (%)			Total
	Yes	No	DK	
HPAI-infected birds	3 (6.0%)	40 (80.0%)	7 (14.0%)	50 (100.0%)
Bedding, composted birds, manure, and other organic materials	4 (8.0%)	39 (78.0%)	7 (14.0%)	50 (100.0%)
PPE and similar supplies	8 (16.0%)	33 (66.0%)	9 (18.0%)	50 (100.0%)
Nonorganic materials from quarantined premises	5 (10.0%)	36 (72.0%)	9 (18.0%)	50 (100.0%)

9b. Number and percentage of WCS States that have agreements with landfills within their State to dispose of massive amounts of the following items:

Items	Number of States (%)			Total
	Yes	No	DK	
HPAI-infected birds	1 (5.0%)	16 (80.0%)	3 (15.0%)	20 (100%)
Bedding, composted birds, manure, and other organic materials	2 (10.0%)	15 (75.0%)	3 (15.0%)	20 (100%)
PPE and similar supplies	3 (15.0%)	14 (70.0%)	3 (15.0%)	20 (100%)
Nonorganic materials from quarantined premises	2 (10.0%)	14 (70.0%)	4 (20.0%)	20 (100%)

10a. Number and percentage of all States that have, or can readily get, approval for intrastate transport of the following items:

Items	Number of States (%)			Total
	Yes	No	DK	
HPAI-related materials to designated disposal sites	31 (62.0%)	7 (14.0%)	12 (24.0%)	50 (100.0%)
Overweight loads of waste associated with an HPAI outbreak	18 (36.0%)	9 (18.0%)	23 (46.0%)	50 (100.0%)

10b. Number and percentage of WCS States that have, or can readily get, approval for intrastate transport of the following items:

Items	Number States (%)			Total
	Yes	No	DK	
HPAI-related materials to designated disposal sites	13 (65.0%)	3 (15.0%)	4 (20.0%)	20 (100%)
Overweight loads of waste associated with an HPAI outbreak	8 (40.0%)	3 (15.0%)	9 (45.0%)	20 (100%)

11. States by whether they have agreements with neighboring States to share landfills or other disposal sites:

Agreement?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	0	0.0	0	0.0
No	45	90.0	19	95.0
Don't know	5	10.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

12. States by how many birds of the typical species and ages in their State they could dispose of per day, without APHIS assistance (in the event of a fall HPAI outbreak):

Number of birds per day	Number of States	Percent States	Number of WCS States	Percent WCS States
<100	3	6.0	1	5.0
<500	2	4.0	0	0.0
<1,000	4	8.0	1	5.0
<10,000	6	12.0	1	5.0
<50,000	14	28.0	4	20.0
<100,000	6	12.0	3	15.0
<500,000	3	6.0	3	15.0
Other (please specify) <sup>1</sup>	12	24.0	7	35.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

<sup>1</sup> Other includes: Don't know, Not applicable, and "in 1<sup>st</sup> days should be able to do 1 to 3 million/day, then don't know."

13. States by percentage of **commercial game bird producers** in their State that have depopulation and disposal plans:

Percent commercial game bird producers with plan	Number of States	Percent States	Number of WCS States	Percent WCS States
0	16	32.0	7	35.0
1 to 19	5	10.0	2	10.0
20 to 49	4	8.0	2	10.0
50 to 79	1	2.0	0	0.0
80 to 99	1	2.0	0	0.0
100	0	0.0	0	0.0
Don't know	20	40.0	9	45.0
NA	3	6.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

14. States by the percentage of **large commercial operations** in their State that have depopulation and disposal plans:

Percent large commercial operations with plan	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>0</b>	3	6.0	1	5.0
<b>1 to 19</b>	1	2.0	1	5.0
<b>20 to 49</b>	4	8.0	0	0.0
<b>50 to 79</b>	10	20.0	6	30.0
<b>80 to 99</b>	11	22.0	9	45.0
<b>100</b>	6	12.0	0	0.0
<b>Don't know</b>	10	20.0	3	15.0
<b>NA</b>	5	10.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

15. States by whether they are stockpiling supplies (Tyvek suits, gloves, disinfectants, antifreeze, etc.) above normal operating levels in preparation for a fall HPAI outbreak:

Stockpiling supplies?	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Yes</b>	36	72.0	18	90.0
<b>No</b>	14	28.0	2	10.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

16. For States that are stockpiling supplies, States by length of time the supplies will last in the event of an HPAI outbreak in the fall:

Length of time stockpile will last	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Days</b>	14	38.9	7	38.9
<b>Weeks</b>	21	58.3	10	55.6
<b>Don't know</b>	1	2.8	1	5.6
<b>Total</b>	<b>36</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>

17. For States that are stockpiling supplies, States by whether they are able to share supplies with other States:

Able to share?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	8	22.2	6	33.3
No	14	38.9	7	38.9
Don't know	13	36.1	5	27.8
NA	1	2.8	0	0.0
<b>Total</b>	<b>36</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>

18. States by whether they will need supplies from APHIS in the event of an HPAI outbreak this fall:

Need supplies?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	41	82.0	19	95.0
No	3	6.0	0	0.0
Don't know	6	12.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

19. For States that are stockpiling supplies, States by type of supplies being stockpiled:

Supplies stockpiled	Number of States	Percent States	Number of WCS States	Percent WCS States
Tyvek	36	72.0	18	100.0
Respirators	32	64.0	17	94.4
Other PPE	30	60.0	15	83.3
Disinfectant	32	64.0	15	83.3
Cleaning agents	16	32.0	10	55.5
Foam	14	28.0	9	50.0
Tychem	13	26.0	6	33.3
CO2	6	12.0	4	22.2
Other *	6	12.0	4	22.2

\*Other supplies include – different respirator types, pressure washers, lab supplies, protective eye and ear wear, etc.



20. For States that are stockpiling supplies, States by whether their supplies are being monitored and rotated to ensure supplies have not expired:

Monitor supplies?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	30	83.3	15	83.3
No	4	11.1	2	11.1
Don't know	1	2.8	1	5.6
NA	1	2.8	0	0.0
<b>Total</b>	<b>36</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>

21. For States that will have emergency contracts in place this fall, States that will have the following supplies or services available for rapid delivery:

Available supplies or services	Number of States	Percent States	Number of WCS States	Percent WCS States
CO2	7	14.0	2	10.0
Carbon sources for composting	7	14.0	4	20.0
Cleaning agents	7	14.0	3	15.0
Disinfectant	11	22.0	5	25.0
Foam	6	12.0	3	15.0
Foaming crews	4	8.0	2	10.0
Other PPE	7	14.0	3	15.0
Other personnel*	5	10.0	3	15.0
Respirators	10	20.0	5	25.0
Tychem	6	12.0	4	20.0
Tyvek suit	11	22.0	5	25.0
Water in tanker trucks	8	16.0	4	20.0
Other*	6	12.0	3	15.0

\*Other and other personnel include N95 filtering face piece masks, IMT trained personnel, and comments about not having emergency contracts.

22. States by whether they have identified sources of carbon available for use in composting:

Identified carbon sources?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	25	50.0	14	70.0
No	20	40.0	4	20.0
Don't know	5	10.0	2	10.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

## Mapping and Data Management

Forty States (16 WCS States) issue national premises IDs (PINs) or State location identifiers (LIDs). Of these, 21 States (10 WCS States) reported that at least 50 percent of poultry operations have IDs. Thirty-six States (17 WCS States) have personnel trained and able to access EMRS. Thirty-six States (10 WCS States) do not pre-assign or prepopulate PINs in EMRS; of these States, 17 States (4 WCS States) would be willing to be contacted by APHIS for help in pre-assigning or prepopulating PINs in EMRS. Of the 36 States (17 WCS States) with EMRS trained personnel, 25 States (10 WCS States) have no EMRS specialists while the rest (11 States, 7 WCS States) have at least some specialists. There are 4 States (2 WCS States) for which all their EMRS personnel need more training. Nearly all States have GIS resources available, and most have one to two GIS employees. Nearly all States are capable of printing large maps but would need help with certain aspects of map creation.

Twenty-four States have a complete poultry operation database, but most have limitations on sharing the data due to confidentiality.

1. States by whether they issue national premises IDs (PINs) or State location identifiers (LIDs) for poultry operations within the State:

Issue premises PINs or LIDs?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	40	80.0	16	80.0
No	9	18.0	4	20.0
Don't know	1	2.0	0	0.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

2. For States that issue PINs or LIDs for poultry operations within their State, States by percentage of the State's poultry operations that have PINs or LIDs:

Percent operations	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>1 to 19</b>	4	40.0	2	12.5
<b>20 to 49</b>	5	12.5	0	0.0
<b>50 to 79</b>	12	30.0	6	37.5
<b>80 to 99</b>	7	17.5	3	18.8
<b>100</b>	2	5.0	1	6.2
<b>Don't know</b>	10	25.0	4	25.0
<b>Total</b>	<b>40</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>

3. States that pre-assign and/or pre-populate PINs in EMRS:

Pre-assign PINs or EMRS	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Yes</b>	12	24.0	9	45.0
<b>No</b>	36	72.0	10	50.0
<b>Don't know</b>	2	4.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

4. For States that do not currently pre-assign or pre-populate PINs and LIDs in EMRS, States by whether they would like to be contacted by APHIS EMRS for help with doing so:

Contact by APHIS?	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Yes</b>	17	47.2	4	40.0
<b>No</b>	19	52.8	6	60.0
<b>Total</b>	<b>36</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>

5. States by whether they have personnel trained and able to access and use EMRS:

EMRS training and access?	Number of States	Percent States	Number of WCS States	Percent WCS States
<b>Yes</b>	36	72.0	17	85.0
<b>No</b>	14	28.0	3	15.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

Of the 36 States with EMRS trained personnel, 25 States have no EMRS specialists while the rest (11 States) have at least some specialists. There are 4 States for which all their EMRS personnel need more training.

6a. For States that have personnel trained and able to access and use EMRS, number and percentage of **States** by the number of their EMRS users in the following categories of proficiency:

Number of EMRS users	Specialist	Proficient	Competent	Needs more training
<b>None</b>	25 (69.4%)	19 (52.8%)	8 (22.2%)	7 (19.4%)
<b>Some</b>	11 (30.5%)	16 (44.4%)	24 (66.7%)	25 (69.4%)
<b>All</b>	0 (0.0%)	1 (2.8%)	4 (11.1%)	4 (11.1%)
<b>Total</b>	<b>36 (100.0%)</b>	<b>36 (100.0%)</b>	<b>36 (100.0%)</b>	<b>36 (100.0%)</b>

Of the 17 States with EMRS personnel, 10 States have no EMRS specialists. The majority of WCS States have at least some EMRS personnel who need more training. All EMRS personnel in two of the WCS States need more training.

6b. For WCS States that have personnel trained and able to access and use EMRS, number and percentage of WCS **States** by the number of their EMRS users in the following categories of proficiency:

Number of EMRS users	Specialist	Proficient	Competent	Needs more training
<b>None</b>	10 (58.8%)	7 (41.2%)	4 (23.5%)	2 (11.8%)
<b>Some</b>	7 (41.2%)	9 (52.9%)	12 (70.6%)	13 (76.5%)
<b>All</b>	0 (0.0%)	1 (5.9%)	1 (5.9%)	2 (11.8%)
<b>Total</b>	<b>17 (100.0%)</b>	<b>17 (100.0%)</b>	<b>17 (100.0%)</b>	<b>17 (100.0%)</b>

7. States by whether they have GIS resources that could provide support during an outbreak of HPAI:

GIS resources?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	46	92.0	19	95.0
No	1	2.0	0	0
Don't know	3	6.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

8. For States that have GIS resources, States by the number of GIS employees:

Number GIS employees	Number of States	Percent States	Number of WCS States	Percent WCS States
1 to 2	31	67.4	19	95.0
3 to 9	12	26.1	0	0.0
10 to 15	3	6.5	1	5.0
<b>Total</b>	<b>46</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

9. For States that have GIS resources, States by whether the GIS staff is located within the State animal health agency:

GIS staff located within animal health agency?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	23	50.0	8	42.1
No	23	50.0	11	57.9
<b>Total</b>	<b>46</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>

10. For States with GIS resources, States by whether the GIS staff would be able to support multiple incident command posts in the State during a large-scale outbreak of HPAI:

GIS staff able to support posts?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	24	52.2	11	57.9
No	10	21.7	4	21.1
Don't know	12	26.1	4	21.1
<b>Total</b>	<b>46</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>

11. For States with GIS resources, States by whether they could print large maps within the State agency:

Able to print large maps?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	34	73.9	14	73.7
No	11	23.9	5	26.3
Don't know	1	2.2	0	0.0
<b>Total</b>	<b>46</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>

12. For States with GIS resources, States by whether they had “real time” mapping capabilities:

Real-time mapping?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	12	27.9	6	31.6
No	20	46.5	10	52.6
Don't know	11	25.6	3	15.8
<b>Total</b>	<b>46</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>

13. For States with GIS resources, States that anticipate needing help beyond local or State resources for the following aspects of map creation:

Need help on...	Number of States	Percent States	Number of WCS States	Percent WCS States
No help needed	15	32.6	7	13.7
Data layer extraction or manipulation for environmental data	23	50.0	11	21.6
Data layer extraction or manipulation for landfill data	23	50.0	11	21.6
Data layer extraction or manipulation for poultry operations data	20	43.5	9	17.7
Identification and/or mapping of routes for movement	20	43.5	8	15.7
Mapping of infected flocks	12	26.1	5	9.8

14. States by whether they currently use or have access to a database containing CAFO permits or licensing data for poultry operations:

CAFO permits/ licensing data?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	32	64.0	14	70.0
No	13	26.0	3	15.0
Don't know	5	10.0	3	15.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

15. States by whether they have a complete poultry operations database:

Database?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	24	48.0	13	65.0
No	24	48.0	6	30.0
Don't know	2	4.0	1	5.0
<b>Total</b>	<b>50</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

16. States with a complete poultry operations database that have privacy and/or confidentiality limitations regarding the database:

Privacy/confidentiality limitations	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	14	58.4	9	69.2
No	8	33.3	4	30.8
Don't know	2	8.3	0	0.0
<b>Total</b>	<b>24</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>

17. States with a complete poultry operations database that are willing to share data with VS:

Will share data?	Number of States	Percent States	Number of WCS States	Percent WCS States
Yes	12	50.0	5	38.5
No	4	16.7	3	23.1
Don't know	8	33.3	5	38.5
<b>Total</b>	<b>24</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>

18. States with a complete poultry operations database by whether they have data that can be integrated into the VS EMRS system:

<b>Integratable data?</b>	<b>Number of States</b>	<b>Percent States</b>	<b>Number of WCS States</b>	<b>Percent WCS States</b>
<b>Yes</b>	9	37.5	6	46.2
<b>No</b>	4	16.7	3	23.1
<b>Don't know</b>	11	45.8	4	30.8
<b>Total</b>	<b>24</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>

19. States with a complete poultry operations database by whether they have data that can be used to support epidemiological analyses:

<b>Data for epidemiologic analyses?</b>	<b>Number of States</b>	<b>Percent States</b>	<b>Number of WCS States</b>	<b>Percent WCS States</b>
<b>Yes</b>	15	62.5	8	61.5
<b>Don't know</b>	9	37.5	5	38.5
<b>Total</b>	<b>24</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>

20. States with a complete poultry operations database by whether they have limitations on sharing due to confidentiality, but would be willing to work with VS to create a mock-up version of the data:

<b>Willing to work with VS?</b>	<b>Number of States</b>	<b>Percent States</b>	<b>Number of WCS States</b>	<b>Percent WCS States</b>
<b>Yes</b>	15	62.5	10	76.9
<b>No</b>	1	4.2	1	7.69
<b>Don't know</b>	8	33.3	2	15.4
<b>Total</b>	<b>24</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>