

## Follow-up report No.1

Report reference: , Reference OIE : 16914, Report Date : 07/01/2015, Country : United States of America

### Report Summary

<b>Name of sender of the report</b>	Dr John Clifford	<b>Telephone</b>	(1-202) 799-7146
<b>Position</b>	Deputy Administrator	<b>Fax</b>	(1-202) 799-7146
<b>Address</b>	Room # 317-E	<b>Email</b>	John.Clifford@aphis.usda.gov
	Jamie L. Whitten Federal Building 1400 Independence Ave, SW Washington, DC 20250 Washington 20250	<b>Date submitted to OIE</b>	07/01/2015

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	07/01/2015
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	10/12/2014
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of pre-confirmation of the event</b>	15/12/2014
<b>Serotype(s)</b>	H5N2	<b>Date of last occurrence</b>	2004
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 2, Draft= 0		

### Outbreak details

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON-other report - submitted	-	Whatcom	Not applicable	Whatcom County	48.9	-122.48	10/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Northern Pintail: Anatidae(Anas acuta)	Animals	...	...	...	...	...		
Affected Population	Wild pintail ducks							

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
WASHINGTON- (this report - submitted)	-	Benton	Backyard	Benton County	46.283	-119.521	24/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	178	37	37	141	0		
Affected Population	The affected premises is a small backyard mixed free-range flock of geese, turkeys, chickens, ducks, and pigeons that are allowed access to the outdoors and regularly exposed to wild migratory waterfowl.							

### Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Northern Pintail					
Birds	178	37	37	141	0

### Epidemiology

#### Epidemiological comments

The USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with State Departments of Agriculture and Wildlife, are continuing to conduct a comprehensive epidemiological investigation and enhanced surveillance in response to the HPAI H5N2 wild bird related event.

The USDA APHIS National Veterinary Services Laboratory (NVSL) confirmed avian influenza virus (AIV) H5N2 in a backyard mixed flock. Preliminary results indicate that the H5N2 identified is 99% similar to the recent H5N2 isolated from the Northern pintail duck.

Epidemiological investigation of backyard AIV infected premises as of 6 January 2015:

- Two high risk epidemiologically linked contact backyard premises have been identified and placed under quarantine. Biological sampling for AIV has been completed and results are pending.
- Enhanced surveillance in a 10 km radius has been implemented.

The HPAI H5N2 virus has NOT been found in commercial poultry anywhere in the United States.

**Epidemiological comments**

The USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with State Departments of Agriculture and Wildlife, are continuing to conduct a comprehensive epidemiological investigation and enhanced surveillance in response to the HPAI H5N2 wild bird related event.

The USDA APHIS National Veterinary Services Laboratory (NVSL) confirmed avian influenza virus (AIV) H5N2 in a backyard mixed flock. Preliminary results indicate that the H5N2 identified is 99% similar to the recent H5N2 isolated from the Northern pintail duck.

Epidemiological investigation of backyard AIV infected premises as of 6 January 2015:

- Two high risk epidemiologically linked contact backyard premises have been identified and placed under quarantine. Biological sampling for AIV has been completed and results are pending.
- Enhanced surveillance in a 10 km radius has been implemented.

The HPAI H5N2 virus has NOT been found in commercial poultry anywhere in the United States.

- Contact with wild species

**Source of the outbreak(s) or origin of infection**

- Contact with wild species

**Measures applied**

Applied	To be applied
<ul style="list-style-type: none"> <li>• stamping out</li> <li>• quarantine</li> <li>• movement control inside the country</li> </ul>	<ul style="list-style-type: none"> <li>• disinfection of infected premises/establishment(s)</li> </ul>
Animals treated	Vaccination Prohibited
No	Yes

**Diagnostic test results**

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Veterinary Services Laboratory (NVSL)	Birds	virus isolation		Pending
National laboratory	National Veterinary Services Laboratory (NVSL)	Birds	virus sequencing	03/01/2015	Positive
National laboratory	National Veterinary Services Laboratory (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	03/01/2015	Positive

**Future Reporting**

**The event is continuing. Weekly follow-up reports will be submitted.**

## Outbreak maps

