

## Follow-up report No.1

Report reference: , Reference OIE : 23161, Report Date : 08/03/2017, Country : United States of America

### Report Summary

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<b>Animal type</b>	Terrestrial	<b>Date of report</b>	08/03/2017
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	01/03/2017
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	04/03/2017
<b>Serotype(s)</b>	H7N9	<b>Date of last occurrence</b>	2016
<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= 1, Draft= 0		

### Outbreak details

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TENNESSEE-other report - submitted	-	Lincoln	Farm	Lincoln County	35.132	-86.567	01/03/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	74000	...	700	73300	0		
Affected Population	Commercial chicken broiler-breeder flock							

### Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	74000		700	73300	0

### Epidemiology

#### Epidemiological comments

The USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with the Tennessee Department of Agriculture, are continuing to respond to the identification of a highly pathogenic avian influenza (HPAI) H7N9 of North American wild bird lineage based on full genome sequence analysis in a chicken broiler breeder flock. All eight gene segments of the virus are North American wild bird lineage. This is NOT the same as the China H7N9 lineage that has impacted poultry and infected humans in Asia. Although the subtypes are the same (H7N9) the virus detected in the United States is a very different virus, genetically distinct from the China H7N9 lineage.

A comprehensive epidemiological investigation in the surrounding area is continuing and enhanced surveillance and testing has begun. The first round of testing of all commercial poultry premises in a 10 mile (16 kilometer) surveillance zone has been completed with all results negative for avian influenza virus.

State officials have quarantined the affected premises and implemented movement controls. Depopulation of birds on the premises has been completed and disposal of the birds is near completion.

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

• Unknown or inconclusive

### Measures applied

Applied	To be applied
<ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• quarantine</li> <li>• surveillance outside containment and/or protection zone</li> <li>• stamping out</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• surveillance within containment and/or protection zone</li> <li>• zoning</li> </ul>	<ul style="list-style-type: none"> <li>• disinfection / disinfestation</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	Yes

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
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Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	07/03/2017	Positive
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus isolation		Pending

### Future Reporting

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

## Outbreak maps

