

## Immediate notification report

Report reference: REF OIE 19540, Report Date: 15/01/2016, Country : United States of America

### Report Summary

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<b>Animal type</b>	Terrestrial	<b>Date of report</b>	15/01/2016
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	11/01/2016
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	15/01/2016
<b>Serotype(s)</b>	H7N8	<b>Date of last occurrence</b>	2015
<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:
INDIANA- (this report - submitted)	-	Dubois	Farm	Dubois County	38.36	-86.879	11/01/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	43500	...	900	42600	0		
Affected Population	Commercial turkey flock							

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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	43500		900	42600	0

### Epidemiology

#### Epidemiological comments

As part of existing avian influenza response plans, the USDA Animal and Plant Health Inspection Service (APHIS), in conjunction with the Indiana State Board of Animal Health, are conducting a comprehensive epidemiological investigation in the nearby area, and have begun enhanced surveillance and testing in the area. State officials have quarantined the affected premises and implemented movement controls. Depopulation of birds on the premises is under way. The highly pathogenic H7N8 strain is of North America lineage.

#### 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>• stamping out</li> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• zoning</li> <li>• surveillance outside containment and/or protection zone</li> <li>• surveillance within containment and/or protection zone</li> </ul>	<ul style="list-style-type: none"> <li>• disinfection / disinfestation</li> <li>• official disposal of carcasses, by-products and waste</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 Laboratories (NVSL)	Birds	virus isolation		Pending
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	15/01/2016	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	15/01/2016	Positive

**Future Reporting**

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

## Outbreak maps

