

## Immediate notification report

Report reference: REF OIE 23189, Report Date: 10/03/2017, Country : United States of America

### Report Summary

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	Fort Collins, Colorado 80526-8117 Fort Collins 80526-8117	<b>Date submitted to OIE</b>	10/03/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	10/03/2017
<b>Disease</b>	Low pathogenic avian influenza (poultry)	<b>Date of start of the event</b>	06/03/2017
<b>Causal Agent</b>	Low pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	08/03/2017
<b>Serotype(s)</b>	H7N9	<b>Date of last occurrence</b>	2017
<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>	No
<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- (this report - submitted)	-	Giles	Farm	Giles County	35.187	-87.025	06/03/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	16500	...	0	16500	0		
Affected Population	Commercial grandparent stock primary broiler breeder flock.							

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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	16500		0	16500	0

### Epidemiology

#### Epidemiological comments

As part of routine, pre-slaughter testing and surveillance for H5/H7 Avian Influenza, low pathogenic avian influenza (LPAI) H7N9 of North American wild bird lineage was detected in healthy broiler breeder chickens. This is the first detection of H7N9 LPAI poultry in TN and also the first detection of LPAI H7N9 in commercial poultry in the United States in 2017. Although this is a low pathogenicity H7 strain, as a precautionary preventive measure, the flock was depopulated.

The USDA Animal Plant Health Inspection Service (APHIS) and the Tennessee Department of Agriculture are conducting a comprehensive epidemiological investigation and have implemented enhanced surveillance and testing related to this event.

#### 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
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus isolation		Pending

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Services Laboratories (NVSL)	Birds	virus sequencing	08/03/2017	Positive

### Future Reporting

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

## Outbreak maps

