

Immediate notification report

Report reference: REF OIE 22231, Report Date: 09/01/2017, Country : United States of America

Report Summary

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Animal type	Terrestrial	Date of report	09/01/2017
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry and wild birds)	Date of start of the event	27/12/2016
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	09/01/2017
Serotype(s)	H5N2	Date of last occurrence	10/11/2016
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	No
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

State	Number of outbreaks	County	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MONTANA- (this report - submitted)	-	Fergus	Not applicable	Fergus County	47.2583	-109.2793	27/12/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Mallard:Anatidae(Anas platyrhynchos)	Animals		
Affected Population	Wild mallard duck							

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Mallard					

Epidemiology

Epidemiological comments

The sample, from a wild mallard duck, was collected on 27 December 2016 as part of the hunter – harvested wild bird avian influenza surveillance program. Genome sequencing results show that the Montana isolate is an Eurasian/American (EA/AM) H5N2 HPAI strain. The partial genome fragments that have been analyzed thus far are >99% similar to the virus isolated from a northern pintail duck in Washington State in December 2014. The H5N2 outbreak viruses from 2015 were all >99% similar to the northern pintail index case (A/Northern pintail/Washington/40964/2014 H5N2). Efforts to obtain sequence data for the full genome are underway. This detection of HPAI (EA/AM) H5N2 virus in a wild bird is NOT associated with any commercial poultry in the United States.

Source of the outbreak(s) or origin of infection

• Contact with wild species

Measures applied

No Control Measures

Warning
: filemtime() [
function.filemtime
]: stat failed for D:\Client\www.oie.int\fichiers\wahis_2\wahis\./temp/compiled\%0A^0A7^0A7578A8%%pdfcolumnListSlot.tpl.php in
D:\Client\www.oie.int\fichiers\wahis_2\library\smarty\Smarty.class.php
on line
1391

Animals treated	Vaccination Prohibited
No	No

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	National Veterinary Services	Mallard	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	05/01/2017	Positive
National laboratory	National Veterinary Services	Mallard	virus isolation		Pending
National laboratory	National Veterinary Services	Mallard	gene sequencing	09/01/2017	Positive

Future Reporting

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

Outbreak maps

