Immediate notification report

Report Summary

Name of sender of the report: Dr John Clifford
Position: Official Delegate, Chief Trade Advisor
Telephone: (1-202) 799-7146
Fax: (1-202) 799-7146
Address: Room # 317-E
Jamie L. Whitten Federal Building
1400 Independence Ave, SW
Washington, DC 20250 Washington 20250
Email: John.Clifford@aphis.usda.gov
Date submitted to OIE: 26/08/2016

Animal type: Terrestrial
Date of report: 26/08/2016
Disease: Highly pathogenic avian influenza
Date of start of the event: 12/08/2016
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 25/08/2016
Serotype(s): H5N2
Date of last occurrence: 24/03/2016
Reason: Reoccurrence of a listed disease
Country or zone: a zone or compartment
Clinical signs: No
Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details

State: ALASKA- (this report - submitted)
Number of outbreaks: 1
County: Fairbanks North Star Borough
Location: Fairbanks North Star Borough
Latitude: 64.756
Longitude: -146.49
Start Date: 12/08/2016
End Date: Not applicable

Species: Mallard: Anatidae (Anas platyrhynchos)
Measuring units: Animals
Susceptible Cases: ...
Deaths: ...
Destroyed: ...
Slaughtered: ...

Affected Population: Wild mallard duck

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Mallard
Susceptible: ...
Cases: ...
Deaths: ...
Destroyed: ...
Slaughtered: ...

Epidemiology

Epidemiological comments:
The sample, from a wild mallard duck, was collected during a live bird banding program at a wildlife refuge in Alaska. Genome sequencing results show that the Alaska 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/4064/2014 H5N2). Efforts to obtain sequence data for the full genome are underway.
This is the first detection of HPAI in a wild bird this year. 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

Animals treated
Vaccination Prohibited

Diagnostic test results

Laboratory Type: National laboratory
Name of Laboratory: National Veterinary Services Laboratories (NVSL)
Species: Mallard
test Type: gene sequencing
Date results provided: 25/08/2016
Result: Positive

Laboratory Type: National laboratory
Name of Laboratory: National Veterinary Services Laboratories (NVSL)
Species: Mallard
test Type: real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)
Date results provided: 25/08/2016
Result: Positive

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