Follow-up report No.1 (Final report)  

Report Summary

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Date submitted to OIE 07/05/2014

Animal type Terrestrial  
Date of report 07/05/2014

Disease Highly pathogenic avian influenza  
Date of start of the event 13/03/2014

Causal Agent Highly pathogenic avian influenza virus  
Date of pre-confirmation of the event 18/03/2014

Serotype(s) H5N6  
Date of last occurrence 12/2008

Reason Reoccurrence of a listed disease  
Diagnosis Clinical signs

Country or zone a zone or compartment

Number of reported outbreaks submitted= 1, Draft= 0

Outbreak details

Province XAYABURY-other report - submitted  
Number of outbreaks submitted 1, Draft= 0

Species Birds  
Measuring units 5142

Susceptible Animals 457

Cases 457

Deaths 457

Destroyed 543

Slaughtered 0

Affected Population The affected birds were newly introduced into the village one week before the outbreak occurred.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species Birds

Susceptible 5142

Cases 457

Deaths 457

Destroyed 543

Slaughtered 0

Epidemiology

Epidemiological comments

Samples from this outbreak have now been tested at the Australian Animal Health Laboratory. Sequencing analysis of original samples (post-mortem tissues) from both chickens and ducks shows that these are H5N6 highly pathogenic avian influenza viruses, with the highly pathogenic HA cleavage site sequence motif, PLRERRRKR*GLF. Phylogenetic analysis of the HA gene sequence indicates that the HA is derived from the Asian HSI1 clade 2.3.4 HA lineage; however, they clustered with ‘variant’ (reassortant) clade 2.3.4 H5 HPAI viruses from China of various NA subtypes. Follow-up sequencing of virus isolates from these samples confirms these findings. Full genome sequencing has been completed.

Source of the outbreak(s) or origin of infection

• Introduction of new live animals

Measures applied

Applied

• quarantine
• movement control inside the country
• screening
• disinfection of infected premises/establishment(s)
• modified stamping out

To be applied

• no planned control measures

Animals treated

Vaccination Prohibited

No Yes

Future Reporting

The report and all its outbreaks have been resolved.
Outbreak maps

Follow-up report No.: 1, Report reference: DLF/2014-001, OIE Ref: 15217, Report Date: 07/05/2014, Country: Laos