

Follow-up report No.: 1

Report reference: , OIE Ref: 10049, Report Date: 14/12/2010, Country: Korea (Rep. of)

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	07/12/2010	Date of Start of Event	29/11/2010
Date of report	14/12/2010	Date Submitted To OIE	14/12/2010
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	15/05/2008
Number Of Reported Outbreaks	Submitted= 2, Draft= 0	Name of Sender of the report	Dr Kiyoon Chang
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	MIFAFF (Ministry of Food, Agriculture, Forestry and Fisheries)	Entered by	Dr Kiyoon Chang
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
JEOLLABUK-DO	Iksan city	Chunpo-myun	Not applicable	Chunpo-ri	35,53469	126,569188	29/11/2010	07/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	39	1	0	0	0		
Affected Population	Anas platyrhynchos (mallard duck)							

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
CHUNGCHEONGNAM-DO	Seosan city	Buseok-myun	Not applicable	Chang-ri	36,380855	126,221268	29/11/2010	10/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Wild species	Animals	...	2	2	0	0		
Affected Population	Bubo bubo (eagle owl)							

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	39	3	2	0	0

Epidemiology

Epidemiological comments	
As part of continuous avian influenza surveillance, avian influenza tests in wild birds were conducted. Two dead eagle owls were found in Buseok-myun (Seosan city, Chungcheongnam-do) on 29 November.	
Samples (faeces, laryngo-pharyngeal swab) were collected. The NVRQS found HPAI (H5N1 subtype) virus antigen by PCR and gene sequencing on 10 December.	
Clinical surveillance and disinfection on the neighbouring poultry farms within 10km around the detection spot were enhanced. So far, no highly pathogenic avian influenza positive has been detected in poultry.	
Source of the outbreak(s) or origin of infection	• Unknown or inconclusive

Control Measures

Applied	• Movement control inside the country • Zoning	To be applied	• No Planned Control Measures
Animals treated	No	Vaccination Prohibited	Yes

Country / Zone

Country or zone	a zone or compartment
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Veterinary Research and Quarantine Service (NVRQS)	Wild species	gene sequencing	10/12/2010	Positive
National laboratory	National Veterinary Research and Quarantine Service (NVRQS)	Wild species	polymerase chain reaction (PCR)	10/12/2010	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are Ooutbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.
The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

