

Follow-up report No.1 (Final report)

Report reference: , Reference OIE : 13482, Report Date : 22/05/2013, Country : Korea (Dem. People's Rep.)

Report Summary

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		Date submitted to OIE	22/05/2013

Animal type	Terrestrial	Date of report	22/05/2013
Disease	Highly pathogenic avian influenza	Date of start of the event	19/04/2013
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	02/05/2013
Serotype(s)	H5N1	Diagnosis	Clinical, Laboratory (advanced)
Reason	New strain of a listed disease	Clinical signs	Yes
Country or zone	the whole country		
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PYONGYANG-SI-other report - submitted	-	Rakrang		Farm	Tudan Duck Factory	38.978	125.675	19/04/2013	09/05/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	226000	166000	44000	122000	0			
Affected Population	Ducks in one of the 20 cages showed clinical signs on 19 April 2013 but recovered 3-4 days later. As mortality increased, samples were sent to the Central Veterinary Station on 2 May 2013. In total, one adult cage, 12 fattening cages and 7 duckling cages were infected. More than 2,000 adult ducks, 42,000 fattening ducks and 120,000 ducklings younger than 20 days were dead or killed.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	226000	166000	44000	122000	0

Epidemiology

Epidemiological comments

All ducks in the infected cages were humanely culled.
Vaccination with an inactivated monovalent vaccine is on-going in all the 12 provinces (500,000 heads).

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • control of wildlife reservoirs • quarantine • movement control inside the country • screening • zoning • vaccination in response to the outbreak (s) • disinfection of infected premises/establishment(s) • modified stamping out 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	No

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
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Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Veterinary Research Institute of the Academy of Agricultural Sciences	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	07/05/2013	Positive
National laboratory	Central Veterinary Station	Birds	enzyme-linked immunosorbent assay (ELISA)	05/05/2013	Positive

Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps

