



**Highly pathogenic avian influenza,  
Korea (Dem. People's Rep.)**

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Information received on 13/05/2013 from Mr Ri Kyong Gun, Director of the Veterinary and, Ministry of Agriculture, Anti-Epizootic Department, PYONGYANG, Korea (Dem. People's Rep.)

**Summary**

Report type	Immediate notification
Date of start of the event	19/04/2013
Date of pre-confirmation of the event	02/05/2013
Report date	13/05/2013
Date submitted to OIE	13/05/2013
Reason for notification	New strain of a listed disease
Manifestation of disease	Clinical disease
Causal agent	Highly pathogenic avian influenza virus
Serotype	H5N1
Nature of diagnosis	Clinical, Laboratory (advanced)
This event pertains to	the whole country

**New outbreaks (1)**

<b>Outbreak 1</b>	<b>Tudan Duck Factory, P'YONGYANG-SI</b>					
<b>Date of start of the outbreak</b>	19/04/2013					
<b>Outbreak status</b>	Continuing (or date resolved not provided)					
<b>Epidemiological unit</b>	Farm					
<b>Affected animals</b>	<b>Species</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>
	Birds	164000				
<b>Affected population</b>	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.					

<b>Summary of outbreaks</b>	<b>Total outbreaks: 1</b>					
<b>Total animals affected</b>	<b>Species</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>
	Birds	164000	**			
<b>Outbreak statistics</b>	<b>Species</b>	<b>Apparent morbidity rate</b>	<b>Apparent mortality rate</b>	<b>Apparent case fatality rate</b>	<b>Proportion susceptible animals lost*</b>	
	Birds	**	**	**	**	

\*Removed from the susceptible population through death, destruction and/or slaughter

\*\*Not calculated because of missing information

## Epidemiology

Source of the outbreak(s) or origin of infection	Unknown or inconclusive Contact with wild species
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## Control measures

Measures applied	Stamping out Quarantine Movement control inside the country Screening Disinfection of infected premises/establishment(s) No vaccination No treatment of affected animals
Measures to be applied	No other measures

## Diagnostic test results

Laboratory name and type	Species	Test	Test date	Result
Central Veterinary Station (National laboratory)	Birds	pathogen isolation by egg inoculation	02/05/2013	Positive
Veterinary Institute of the Academy of Agricultural Sciences (National laboratory)	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	07/05/2013	Positive

## Future Reporting

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

## Map of outbreak locations

