

Follow-up report No.: 1

Report reference: , OIE Ref: 4515, Report Date: 22/12/2006, 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 listed disease
Date of confirmation of Event	23/11/2006	Date of Start of Event	22/11/2006
Date of report	22/12/2006	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Date of last occurrence	20/03/2004	Number of reported outbreaks	Submitted= 1, Draft= 3
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Outbreak (other report - draft)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CH'UNGCH'ONG-NAMDO	Asan		Farm	Tangjeong-myun	36,80365	126,98864	11/12/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9146	0	0	9146	0		
Affected Population		a parent stock farm for ducks						

Outbreak (other report - draft)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje		Farm	Gongduk-myun	35,944	126,955	10/12/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	295000	3000	3000	292000	0		
Affected Population		a laying quail farm						

Outbreak (other report - draft)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Iksan		Farm	Hwangdeung-myun	35,99026	126,91811	27/11/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	12000	600	600	11400	0		

Affected Population	a parent stock farm for broiler chickens
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Iksan		Farm	Hamyel-myun	35,943	126,954	22/11/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	13200	6000	6000	7200	0		
Affected Population	a parent stock farm for broiler chickens (45 weeks old)							

Outbreak summary: Total outbreaks = 0 (Draft)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	316146	3600	3600	312546	0

Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	13200	6000	6000	7200	0

Epidemiology

Epidemiological comments
<p>Control measures undertaken:</p> <ul style="list-style-type: none"> - quarantine (removal of feed, manure and egg plates from the farms within a 3-km-radius zone around the outbreaks is prohibited); - movement control inside the country (a 10-km-radius zone around the infected holdings); - burial of dead and destroyed poultry as well as of feed, manure and egg plates in the affected farms; - disinfection and surveillance intensified in the poultry holdings. <p>Other details/comments:</p> <ul style="list-style-type: none"> - The new outbreak in Iksan was in a farm located 3 km south of the Iksan affected farm, notified in the immediate notification report; - The outbreak in Kimje was in a farm located 18 km south of the new outbreak in Iksan; - Stamping out will be applied to all domesticated birds within a 3-km-radius zone around the affected farms. Stamping out has already been applied to 764,000 poultry in Iksan and 343,000 poultry in Kimje. Stamping out in the Asan outbreak is ongoing.

Source of Infection	• Unknown or inconclusive
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Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s) • Quarantine • Stamping out • Control of wildlife reservoirs • Zoning 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Veterinary Research & Quarantine Service	Birds	virus sequencing	25/11/2006	Positive
National laboratory	National Veterinary Research & Quarantine Service	Birds	neuraminidase inhibition assay	24/11/2006	Positive
National laboratory	National Veterinary Research & Quarantine Service	Birds	haemagglutination inhibition test (HIT)	23/11/2006	Positive
National laboratory	National Veterinary Research & Quarantine Service	Birds	polymerase chain reaction (PCR)	22/11/2006	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 4 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

