

Follow-up report No.: 3

Report reference: , OIE Ref: 6963, Report Date: 15/04/2008, 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	03/04/2008	Date of Start of Event	01/04/2008
Date of report	15/04/2008	Date Submitted To OIE	15/04/2008
Diagnosis	Laboratory (basic), Laboratory (advanced)	Date Of Last Occurrence	06/03/2007
Number Of Reported Outbreaks	Submitted= 11, Draft= 0	Name of Sender of the report	Dr Chang-Seob Kim
Address	#1, Joongang-Dong Gwacheon-city	Position	Director, Animal Health Division
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Outbreak (other report - submitted)

CHOLLA-BUKDO	Yongji-myun	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Yongji-myun	Farm	Kimje	35,4948	126,5912	01/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	150570	2380	2380	148190	0	
Affected Population		a layer chicken farm					

Outbreak (other report - submitted)

CHOLLA-BUKDO	Jeongeup	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Jeongeup	Farm	Youngwon-myun	35,3922	126,4529	03/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	12500	6000	6000	6500	...	
Affected Population		a duck raising farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Jeongeup	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Jeongeup	Farm	Gobu-myun	35,3659	126,4838	06/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	18000	200	200	17800	...	

Affected Population	a duck raising farm
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Outbreak (this report - submitted)

CH'UNGCH'ONG-BUKDO	Jeongeup	Unit Type	Location	Latitude	Longitude	Start	End
CH'UNGCH'ONG-BUKDO	Jeongeup	Farm	Youngwon-myun	35,384689	126,435359	07/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	37000	430	430	36570	...	
Affected Population		a duck raising farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Kimje	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje	Farm	Yongji-myun 1	35,500584	126,590428	09/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	6100	12	12	6088	...	
Affected Population		a layer chicken farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Kimje	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje	Farm	Yongji-myun 2	35,510755	126,592816	09/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	10500	15	15	10485	...	
Affected Population		a layer chicken farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Kimje	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje	Farm	Yongji-myun 3	35,511409	126,593017	09/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	11400	60	60	11340	...	
Affected Population		a layer chicken farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Kimje	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje	Farm	Yongji-myun 4	35,502411	126,584999	09/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	40000	8	8	39992	...	
Affected Population		a layer chicken farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Kimje	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje	Farm	Yongji-myun 5	35,500464	127,000087	09/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	30900	8	8	30892	...	
Affected Population		a layer chicken farm					

Outbreak (this report - submitted)

CHOLLA-NAMDO	Youngam	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-NAMDO	Youngam	Farm	Shinbuk-myun	35,532566	126,384674	09/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	17775	57	57	17718	...	
Affected Population		a parent stock chicken farm					

Outbreak (this report - submitted)

CHOLLA-BUKDO	Kimje	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje	Farm	Keumsan-myun	35,444207	127,030114	12/04/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	920	395	395	525	...	
Affected Population		a restaurant with backyard poultry					

Outbreak summary: Total outbreaks = 11 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	335665	9565	9565	326100	0

Epidemiology

Epidemiological comments
<p>Out of the eleven outbreaks observed up to date in the country, five were confirmed as HPAI H5N1 subtype and six as HPAI H5 subtype. Disease control measures including stamping-out have been implemented. Furthermore, viral RNA specific for HPAI H5 subtype was detected in nine farms during the surveillance conducted in the surveillance zone (a 10-km-radius area around each infected farm). Following the HPAI outbreaks, all chickens and ducks in the infected farms and in the farms in a 3-km-radius area around them were stamped out as a precautionary measure. Additionally, all ducks in farms in a 3 to 10km-radius zone around the infected farms were stamped out. Movement restrictions on poultry were applied in the surveillance zone. In order to investigate whether HPAI spread out into another zone or not, the surveillance will be enhanced all over the country. All parent stock duck farms will be tested for HPAI and trucks which proved to stop by the infected farm have been traced as one of the disease control measures.</p>
<p>Source of the outbreak(s) or origin of infection • Unknown or inconclusive</p>

Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • Quarantine • Movement control inside the country • Screening 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes

	<ul style="list-style-type: none"> • Zoning • Disinfection of infected premises/establishment(s)
Animals treated	No

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 Quarantine Service	Birds	reverse transcription – polymerase chain reaction (RT-PCR)	14/04/2008	Positive

Future Reporting

<p>What further reports will be submitted in relation to this event?</p> <p>There are 11 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.</p>

Outbreak map

