

Follow-up report No.: 7

Report reference: , OIE Ref: 5596, Report Date: 18/06/2007, 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 confirmation of Event	23/11/2006	Date of Start of Event	22/11/2006
Report date	18/06/2007	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Date of last occurrence	20/03/2004	Number of reported outbreaks	Submitted= 7, Draft= 0
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Entered by	Mme Maria Cristinna Ramirez		

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CH'UNGCH'ONG-NAMDO	Asan		Farm	Tanjeong-myun	36,80365	126,98864	11/12/2006	17/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9146	...	0	9146	0		
Affected Population		a parent stock farm for ducks						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CH'UNGCH'ONG-NAMDO	Cheon-An		Farm	Dong-myun	36,464561	127,200937	06/03/2007	18/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	13560	2125	3	13557	0		
Affected Population		a breeding duck farm with seven houses						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
KYONGGI-DO	Ansung		Farm	Ijuk-myun	37,044092	127,281447	09/02/2007	18/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	133000	1188	1188	131812	0		

Affected Population	a layer and pullet farm with 5 houses
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Iksan		Farm	Hwangdeung-myun	35,99026	126,91811	27/11/2006	18/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	12000	600	600	11400	0		
Affected Population		a parent stock farm for broiler chickens						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Iksan		Farm	Hamyeol-myun	35,943	126,954	22/11/2006	18/06/2007
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 (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CH'UNGCH'ONG-NAMDO	Cheon-An city		Farm	Poongse-myun	36,44566	127,070025	19/01/2007	17/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	30000	157	157	0	0		
Affected Population		32-week-old laying chicken farm						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CHOLLA-BUKDO	Kimje		Farm	Gongduk-myun	35,944	126,955	10/12/2006	17/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	295000	3000	3000	292000	0		
Affected Population		a laying quail farm						

Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	505906	13070	10948	465115	0

Epidemiology

Epidemiological comments
Korean government applied stamping-out policy (about 2.8 millions of chicken and ducks) without vaccination against HPAI to all poultry in the all affected and related poultry farms. The stamping-out and disinfection of the last affected farm was completed on March 2007. As there has been no more outbreak of HPAI nor evidence of HPAI infection through the nationwide surveillance in accordance with Appendix 3.8.9 of the Terrestrial Animal Health Code in Korea so far.

The Republic of Korea declares that it has met the requirements for the recognition as a country free from Highly Pathogenic Avian Influenza (HPAI) as of 18 June 2007 in accordance with Article 2.7.12.3 of the Terrestrial Animal Health Code (2006).

Source of Infection • Unknown or inconclusive

Control Measures

No Control Measures	Animals treated	No
Vaccination Prohibited	No	

Country / Zone

Country or zone the whole country

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? The event is resolved. No more reports will be submitted.

Outbreak map

