

Follow-up report No.2

Report reference: , Reference OIE : 14703, Report Date : 10/02/2014, Country : Korea (Rep. of)

Report Summary

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		Date submitted to OIE	10/02/2014

Animal type	Terrestrial	Date of report	10/02/2014
Disease	Highly pathogenic avian influenza	Date of start of the event	16/01/2014
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	16/01/2014
Serotype(s)	H5N8	Date of last occurrence	26/05/2011
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 17, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLABUK-DO-other report - submitted	-	Gochang-gun	Sillim-myeon	Farm	488, Murim-ri	35.499265	126.7089845	16/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	21180	10	7	21173	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLABUK-DO-other report - submitted	-	Buan-gun	Julpo-myeon	Farm	488, Sin-ri	35.5908307	126.7042137	17/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	6500	120	120	6380	0			
Affected Population	ducks for meat								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLABUK-DO-other report - submitted	-	Buan-gun	Julpo-myeon	Farm	748, Sin-ri	35.5787901	126.7026635	18/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	9200	340	340	8860	0			
Affected Population	ducks for meat								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLABUK-DO- (this report - submitted)	-	Buan-gun	Gyehwa-myeon	Farm	2485, Yangsan-ri	35.7904283	126.7203995	19/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18100	400	400	17700	0			
Affected Population	ducks for meat								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLABUK-DO-other report - submitted	-	Gochang-gun	Haeri-myeon	Farm	1241, Saban-ri	35.4780409	126.4991109	21/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	11200	20	20	11180	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population	ducks for meat								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
JEOLLANAM-DO-other report - submitted	-	Haenam-gun	Songji-myeon	Farm	1621-1, Mabong-ri	34.3651362	126.5543675	23/01/2014	
Birds	Animals	12500	1700	1700	10800	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CHUNGCHEONGNAM-DO-other report - submitted	-	Buyeo-gun	Hongsan-myeon	Farm	438-10, Bukchon-ri	36.2072414	126.7714696	23/01/2014	
Birds	Animals	22000	100	100	21900	0			
Affected Population	chickens								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
JEOLLANAM-DO- (this report - submitted)	-	Naju-si	Seji-myeon	Farm	34, Obong-ri	34.9083266	126.7567077	25/01/2014	
Birds	Animals	10000	50	50	9950	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CHUNGCHEONGNAM-DO- (this report - submitted)	-	Cheonan-si	Seobuk-gu	Farm	177-2, Panjeong-ri, Jiksan-eup	36.904647	127.1747334	26/01/2014	
Birds	Animals	9500	4	4	9496	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
CHUNGCHEONGBUK-DO- (this report - submitted)	-	Jincheon-gun	Iwol-myeon	Farm	614-11, Samyong-ri	36.9113731	127.4672809	26/01/2014	
Birds	Animals	5000	13	13	4987	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
GYEONGSANGNAM-D O- (this report - submitted)	-	Miryang-si	Chodong-myeon	Farm	126, Deoksan-ri	35.4413471	128.6845591	28/01/2014	
Birds	Animals	9000	70	70	8930	0			
Affected Population	chickens for meat								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLANAM-DO- (this report - submitted)	-	Yeongam-gun	Deokjin-myeon	Farm	83-1, Jangseon-ri	34.8400343	126.685103	28/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10000	...	0	10000	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GYEONGGI-DO- (this report - submitted)	-	Hwaseong-si	Seosin-myeon	Farm	19-4, Jeon-gok-ri	37.2025513	126.6960219	28/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18000	90	90	17910	0			
Affected Population	breeding chickens								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHUNGCHEONGBUK-DO- (this report - submitted)	-	Jincheon-gun	Deoksan-myeon	Farm	636-1, Insan-ri	36.8699714	127.4863592	31/01/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	9000	103	103	8897	0			
Affected Population	ducks for meat								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHUNGCHEONGBUK-DO- (this report - submitted)	-	Eumseong-gun	Daeso-myeon	Farm	764-1, Samjeong-ri	36.947056	127.4813475	02/02/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	9100	...	0	9100	0			
Affected Population	breeding ducks								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JEOLLANAM-DO- (this report - submitted)	-	Yeongam-gun	Dopo-myeon	Farm	1-3, Deokhwa-ri	34.8494764	126.6341292	04/02/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	27000	10320	10320	16680	0			
Affected Population	breeding chickens								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GYEONGGI-DO- (this report - submitted)	-	Onseok-dong	Hwaseong-si	Farm	488-3	37.164079	126.8541608	06/02/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	27000	30	30	26970	0			
Affected Population	breeding chickens								

Outbreak summary: Total outbreaks = 17 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	234280	13370	13367	220913	0

Epidemiology

Epidemiological comments

The Veterinary Authority is still implementing epidemiological survey.

Epidemiological comments
The Veterinary Authority is still implementing epidemiological survey.
• Unknown or inconclusive
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 • stamping out • quarantine • movement control inside the country • zoning • disinfection of infected premises/establishment(s) 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Animal and Plant Quarantine Agency	Birds	virus sequencing	08/02/2014	Positive
National laboratory	Animal and Plant Quarantine Agency	Birds	virus isolation	08/02/2014	Positive
National laboratory	Animal and Plant Quarantine Agency	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	08/02/2014	Positive

Future Reporting

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

Outbreak maps

