

Follow-up report No.: 1

Report reference: , OIE Ref: 10030, Report Date: 09/12/2010, Country: Japan

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	29/11/2010	Date of Start of Event	27/11/2010
Date of report	09/12/2010	Date Submitted To OIE	09/12/2010
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	01/04/2009
Number Of Reported Outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Toshiro Kawashima
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Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
SHIMANE	Farm	Yasugi city	35,432211	133,251157	27/11/2010	05/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	21606	57	57	21549	0
Affected Population		poultry (layer)				

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	21606	57	57	21549	0

Epidemiology

Epidemiological comments
Incineration of the carcasses and disinfection of the farm were completed on 5 December 2010. It is considered that the virus was carried to the surroundings of the farm by migratory birds because the outbreak occurred in a season when migratory birds came flying from the north to Lake

Nakaumi nearby the farm. The virus might have invaded the affected henhouse through wild birds, wild animals or others. The National Institute of Animal Health affirmed by comparison of gene sequence that the isolate is classified into clade 2.3.2 and a closely-related strain with the virus isolated from faeces of migratory wild ducks in Hokkaido in October 2010. The homology between these viruses is 99.6%. It might indicate there is a possibility that some migratory birds coming flying from the north have highly pathogenic avian influenza virus. Epidemiological survey on the source and the route of infection including virus isolation from the environment is carried over.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Control of wildlife reservoirs • Stamping out • Quarantine • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s) 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
Animals treated	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 Institute of Animal Health	Birds	neuraminidase inhibition assay	02/12/2010	Positive

Future Reporting

What further reports will be submitted in relation to this event?
There are 0outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.
The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

