

Follow-up report No.: 3

Report reference: , OIE Ref: 7243, Report Date: 03/08/2008, Country: Iran

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	12/12/2007	Date of Start of Event	10/12/2007
Date of report	03/08/2008	Date Submitted To OIE	04/08/2008
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	02/2006
Number Of Reported Outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Mojtaba Noorouzi
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Outbreak (other report - submitted)

MAZANDARAN	Babolsar	Unit Type	Location	Latitude	Longitude	Start	End
MAZANDARAN	Babolsar	Village	Darzi Naghib	36,65387	52,61894	10/12/2007	03/08/2008
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	489	14	14	475	0	
Affected Population		free-range chickens (backyard)					

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	489	14	14	475	0

Epidemiology

Epidemiological comments
<p>Considering the OIE/FAO guidelines and recommendations and EU avian influenza Council Directive (2005/94/EC) to prevent the spread of HPAI virus, the following measures were applied:</p> <ul style="list-style-type: none"> - destruction of all susceptible birds in the affected village, - cleansing and disinfection of the infected premises, - establishment of protection and surveillance zones around the outbreak area, - restrictions on movements of poultry and on the use of products liable to be contaminated by tightening biosecurity measures at all levels of poultry production, - post-outbreak active surveillance and monitoring: all villages in the surveillance zones were visited to ensure the detection of any other infected villages, but no positive clinical scenario was found up to date, - collection of totally 512 swab samples and 1,660 serum samples from 60 villages in continuation of the post-outbreak active surveillance in the surveillance zones around the outbreak area. All the results were negative.

A stamping-out policy, including disinfection of all affected establishments, has been applied for 3 months as well as surveillance in accordance with Appendix 3.8.9 of the OIE Terrestrial Animal Health Code has been carried out during that three-month period. According to Article 2.7.12.4 of the Terrestrial Code, Iran declares regaining its free status in relation to HPAI.

Source of the outbreak(s) or origin of infection	<ul style="list-style-type: none"> • Unknown or inconclusive • Under investigation
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Control Measures

Applied	<ul style="list-style-type: none"> • Control of wildlife reservoirs • Stamping out • Quarantine • Movement control inside the country • Screening • Zoning • Disinfection of infected premises/establishment(s) 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
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	Iran Veterinary Organization (IVO) Central Laboratory	Birds	real-time PCR	17/02/2008	Negative
National laboratory	Iran Veterinary Organization (IVO) Central Laboratory	Birds	haemagglutination inhibition test (HIT)	17/02/2008	Negative

Future Reporting

What further reports will be submitted in relation to this event?	The event is resolved. No more reports will be submitted.
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Outbreak map

