

Follow-up report No.: 11

Report reference: , OIE Ref: 11517, Report Date: 18/01/2012, 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	15/09/2011	Date of Start of Event	13/09/2011
Date of report	18/01/2012	Date Submitted To OIE	18/01/2012
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)	Date Of Last Occurrence	03/08/2008
Number Of Reported Outbreaks	Submitted= 3, Draft= 0	Name of Sender of the report	Dr Seyed Mohsen Dastoor
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
MAZANDARAN	SAVADKOOH	ZIRAB	Village	KHAJ KOLA	36,16934	52,961655	13/09/2011	18/01/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	397	85	35	362	0		
Affected Population	Free-range ducks (backyard)							

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date	
MAZANDARAN	JOOYBAR	Village	BALAZARRIN KOLA	36,72327	52,9305	13/09/2011	18/01/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2285	450	310	1975	0		
Affected Population	Free-range ducks (backyard)							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start date	End Date
MAZANDARAN	BABOLSAR	MOLLAMAHALLEH	Farm	SHAHRAM KOLA	36,43689	52,63361	17/10/2011	18/01/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5500	1250	1022	4478	0		
Affected Population		Farmed ducks, geese and backyard chickens						

Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	8182	1785	1367	6815	0

Epidemiology

Epidemiological comments

Considering the OIE/FAO guidelines and recommendations the following measures were applied:

- Destruction of all susceptible birds in the affected villages,
- 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 6,511 swabs and 17,143 serum samples from 403 villages in continuation of the post-outbreak active surveillance. 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 Articles 10.4.27 to 10.4.33 of the OIE Terrestrial Animal Health Code has been carried out during that three-month period. According to Article 10.4.4 of the Terrestrial Code, Iran declares regaining its free status in relation to HPAI.

The event is resolved and no more reports will be submitted.

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 • 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
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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 maps

