

Follow-up report No.2

Report reference: , Reference OIE : 18034, Report Date : 01/07/2015, Country : Iran

Report Summary

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Animal type	Terrestrial	Date of report	01/07/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	12/06/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	14/06/2015
Serotype(s)	H5N1	Date of last occurrence	18/01/2012
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MAZANDARAN-other report - submitted	-	Amol	Amol	Village	Nogardan	36.40691	52.33643	12/06/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	25	19	17	8	0			
Affected Population	Free-range chicken (backyard) in a village named Nogardan in Mazandaran province.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	25	19	17	8	0

Epidemiology

Epidemiological comments

- 1 - The event was detected during intensified passive surveillance implemented in high risk area (risk-based surveillance).
- 2 - Based on OIE standards and EU directives on HPAI control measures and surveillance activities, an outbreak investigation is ongoing in risk-based surveillance zone; a total of 3,250 serological and molecular samples were collected and tested in Iran Central Veterinary Laboratory (CVL), and all results were negative to avian influenza type A viruses.
- 3 - To contain and mitigate the probable risk of AI viruses spread, biosecurity measures at all poultry sectors were increased through national communication component of AI surveillance protocol.
- 4 - Intensified passive surveillance (weekly) in live-bird markets (LBM) is in place. Test results of all collected LBM serological and molecular samples were negative to LPAI and HPAI viruses.
- 5 - Animal and Public Health sectors' coordinated HPAI surveillance program is active for public health issues.
- 6 - Through national media, all people were briefed on management of HPAI risk exposure.
- 7 - To determine pathogenicity of isolate based on sequence of cleavage site, partial H sequencing was done as an advanced laboratory test in CVL of Iran Veterinary Organization.

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 • screening • zoning • disinfection / disinfection 	<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	Central Veterinary Laboratory of Iran Veterinary Organization	Birds	gene sequencing	23/06/2015	Positive

Future Reporting

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

Outbreak maps

