

Follow-up report No.3

Report reference: , Reference OIE : 18089, Report Date : 07/07/2015, Country : Iran

Report Summary

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Animal type	Terrestrial	Date of report	07/07/2015
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 5,200 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

Future Reporting

Outbreak maps

