

Immediate notification report

Report reference: REF OIE 23615, Report Date: 22/04/2017, Country : Iran

Report Summary

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Animal type	Terrestrial	Date of report	22/04/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	15/01/2017
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	16/01/2017
Serotype(s)	H5N1	Date of last occurrence	29/07/2015
Reason	Recurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	the whole country	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- (this report - submitted)	-	Mahmoodabad	Mahmoodabad	Village	Gilapey	36.56	52.28	15/01/2017	16/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	230	39	10	220	0			
Affected Population	Backyard ducks in a house near Gilapey village								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	230	39	10	220	0

Epidemiology

Epidemiological comments

- 1 - The event was reported according to the Iran passive surveillance in place.
- 2 - A post-outbreak investigation to trace the source of infection is ongoing to detect the probable spread and circulation of this subtype.
- 3 - Active surveillance is ongoing.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • screening • disinfection / disinfestation • quarantine • stamping out • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • control of wildlife reservoirs • zoning 	<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone
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 (CVL)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	16/01/2017	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
OIE Reference Laboratory	Experimental Zooprophyllactic Institute (IZS), Venezia (Italy)	Birds	gene sequencing	18/04/2017	Positive
OIE Reference Laboratory	Experimental Zooprophyllactic Institute (IZS), Venezia (Italy)	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	18/04/2017	Positive

Future Reporting

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

Outbreak maps

