

Immediate notification report

Report reference: REF OIE 21618, Report Date: 21/11/2016, Country : Iran

Report Summary

Name of sender of the report	Dr Mehdi Khalaj	Telephone	+9821 8898 7391
Position	Head of IVO	Fax	+9821 88962392
Address	P.O. Box : 14155 6349, Tehran Tehran 1431683765	Email	ivohead@ivo.ir
		Date submitted to OIE	21/11/2016

Animal type	Terrestrial	Date of report	21/11/2016
Disease	Highly pathogenic avian influenza	Date of start of the event	14/11/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	19/11/2016
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	the whole country		
Number of reported outbreaks	submitted= 2, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN- (this report - submitted)	-	Malard	Amirabad Tavanbakhshi	Farm	Tohid Farm	35.66116	50.79638	14/11/2016	19/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	50621	13355	4455	46166	0			
Affected Population	Commercial layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEHRAN- (this report - submitted)	-	Malard	Akhtarabad	Farm	Fatem2 Farm	35.60756	50.6954	14/11/2016	19/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	232840	47510	1128	231712	0			
Affected Population	Commercial layers								

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	283461	60865	5583	277878	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"> • control of wildlife reservoirs • stamping out • quarantine • screening • zoning • disinfection / disinfestation • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone 	<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone

No	Yes
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	Birds	gene sequencing	21/11/2016	Positive
National laboratory	Central Veterinary Laboratory	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	19/11/2016	Positive
Local laboratory	Laboratory of Tehran Province	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	18/11/2016	Positive

Future Reporting

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

Outbreak maps

