

Immediate notification report

Report reference: REF OIE 25874, Report Date: 05/02/2018, Country : Iran

Report Summary

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Animal type	Terrestrial	Date of report	05/02/2018
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	31/01/2018
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	04/02/2018
Serotype(s)	H5N6	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	a zone or compartment		
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:
GILAN- (this report - submitted)	-	Kiashahr	Kiashahr	Natural park	Boujagh	37.456	49.92	31/01/2018	04/02/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Gadwall:Anatidae(Anas strepera)	Animals	50000	1300	1200	100	0			
Affected Population	Wild ducks in Boujagh Natural Park								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Gadwall	50000	1300	1200	100	0

Epidemiology

Epidemiological comments

On January 31st unexpected mortality was reported in Bojagh, Kiashahr area, in the north of Iran, where migratory birds spend their wintering season. On February 4th, the Iran veterinary national reference laboratory confirmed HPAI virus H5N6 in the samples collected from the sick and dead birds.

Iran Veterinary Organization (IVO) will continue to monitor the situation in the area closely and to advice poultry flock owners, including owners of backyard poultry, to remain vigilant to the threat of avian influenza and implement strategic, ongoing biosecurity measures – in particular feeding birds indoors or under cover, and discouraging wild birds from the poultry premises.

Source of the outbreak(s) or origin of infection

- Contact with wild species

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • surveillance within containment and/or protection zone • screening • quarantine • official disposal of carcasses, by-products and waste • control of wildlife reservoirs • selective killing and disposal • zoning • disinfection 	<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone
Animals treated	Vaccination Prohibited
No	No

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)	Gadwall	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	04/02/2018	Positive
Local laboratory	Gilan Veterinary Laboratory	Gadwall	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	01/02/2018	Positive

Future Reporting

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

Outbreak maps

