

Follow-up report No.1

Report reference: , Reference OIE : 22782, Report Date : 09/02/2017, Country : Kuwait

Report Summary

Name of sender of the report	Mrs. Hanadi Ghuloom Abdul Rahman Mohammad	Telephone	+965 2225 2700
Position	Deputy Director General for Animal Health	Fax	+965 2225 2700
Address	PO Box 21422	Email	animaldept@paaf.gov.kw
	13075 Safat Safat		
		Date submitted to OIE	09/02/2017

Animal type	Terrestrial	Date of report	09/02/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	12/12/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	20/01/2017
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= 1, Draft= 0		

Outbreak details

Governorate	Number of outbreaks	District	Area	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AL JAHRAH-other report - submitted	-	Al Jahrah	Sulaibiyah	Backyard	Sulaibiyah	29.171	47.4905	12/12/2016	12/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	285	200	144	141	0			
Affected Population	Ducks, geese and pheasants								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	285	200	144	141	0

Epidemiology

Epidemiological comments

General and targeted surveillance were implemented for avian influenza as part of the early detection system for the past several years. A contingency plan was prepared in 2007 during the detection of avian influenza H5N1 in domestic birds. Field teams consisting of veterinarians and poultry diseases specialists were involved in the monitoring and surveillance program for notifiable avian influenza since 2007.

After confirmation of avian influenza H5 subtype in one backyard premises, a stamping out policy by humane killing of all contact and sick birds was adopted, and carcasses were deeply buried with the appropriate cleaning and disinfection procedures.

Surveillance activities were intensified by the said teams on commercial poultry farms, backyards and captive birds, within 10-kilometer radius of the affected premise and beyond.

After confirmation of avian influenza H5 subtype, about 879 samples of oropharyngeal, cloacal, blood and tissues from live and dead birds were collected depending on the health status of the farm. In addition, 205 samples from one-day-old chicks, hatching and table eggs were collected for testing as part of import and export procedures.

All the samples tested in the national veterinary laboratory were found to be negative for avian influenza virus H5 and H7 subtypes.

Bio security: the reviewed farms adopted Biosecurity management, and were suitably advised to implement strict measures on movement restriction, cleaning and disinfection, and wild birds control.

Ongoing surveillance will be continued in compliance with the OIE Terrestrial Animal Health Code relevant chapter requirements for avian influenza virus infection.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • screening • disinfection / disinfestation • quarantine • surveillance outside containment and/or protection zone • stamping out • official destruction of animal products • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • control of wildlife reservoirs 	<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
OIE Reference Laboratory	Animal & Plant Health Agency, United Kingdom	Birds	virus sequencing	20/01/2017	Positive
OIE Reference Laboratory	Animal & Plant Health Agency, United Kingdom	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	16/01/2017	Positive

Future Reporting

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

Outbreak maps

