

Immediate notification report

Report reference: REF OIE 22853, Report Date: 14/02/2017, Country : Cameroon

Report Summary

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		Date submitted to OIE	15/02/2017

Animal type	Terrestrial	Date of report	14/02/2017
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	02/01/2017
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	19/01/2017
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (advanced)
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

Region	Number of outbreaks	Département	Arrondissement	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
EXTREME-NORD- (this report - submitted)	-	Mayo-Sava	Tokombéré	Not applicable	Makilingaye	10.868145	14.239758	02/01/2017	20/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Indian Peafowl:Phasianidae(Pavo cristatus)	Animals	107	103	103	4	0			
Birds	Animals	24	0	0	24	0			
Affected Population	Exotic peacock farm with 107 adult and juvenile peacocks, ten adult and juvenile ducks and 14 village chickens.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Indian Peafowl	107	103	103	4	0
Birds	24	0	0	24	0

Epidemiology

Epidemiological comments

Within the framework of the epidemiological surveillance of avian influenza in Cameroon, Veterinary services from the Extreme North region notified an important mortality of peacocks in an exotic poultry farm located in the Makilingaye township, Tokombéré district, Mayo-Sava department, close to the border with Nigeria. Samples were taken and analyzed by the National veterinary laboratory (LAVANET) of Garoua. H5 serotype was confirmed on January 16th, 2017 and H5N8 on January 19th, 2017.

Provisional measures were taken according to Law 006 of 16 April 2001 on animal health standards applying to livestock diseases legally considered as contagious and notifiable and according to the OIE Terrestrial Animal Health Code.

Three-kilometers protection zones and ten-kilometers surveillance zones were established and the appropriate control measures were implemented accordingly.

The samples were sent to an international reference laboratory.

According to the Director General's letter from December 26th, 2016, any case of highly pathogenic avian influenza in birds other than poultry, including wild birds, detected from January 1st, 2017, is notified to the OIE through WAHIS under the new disease name: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds).

Source of the outbreak(s) or origin of infection

- Illegal movement of animals
- Introduction of new live animals

Measures applied

Applied	To be applied
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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 disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • zoning 	<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
National laboratory	Laboratoire National Vétérinaire (LANAVET)	Indian Peafowl	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	16/01/2017	Positive
National laboratory	Laboratoire National Vétérinaire (LANAVET)	Indian Peafowl	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	06/02/2017	Positive
National laboratory	National Veterinary Laboratory (LAVANET)	Indian Peafowl	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	19/01/2017	Positive
OIE Reference Laboratory	Experimental Zooprophyllactic Institute (IZS), Venezia - Padova	Indian Peafowl	virus sequencing		Pending
OIE Reference Laboratory	Experimental Zooprophyllactic Institute (IZS), Venezia - Padova	Indian Peafowl	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)		Pending

Future Reporting

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

Outbreak maps

