

Immediate notification report

Report reference: REF OIE 29510, Report Date: 12/02/2019, Country : Namibia

Report Summary

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		Date submitted to OIE	12/02/2019

Animal type	Terrestrial	Date of report	12/02/2019
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	02/02/2019
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	07/02/2019
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (basic)
Reason	First occurrence of a listed disease in the country	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 2, Draft= 0		

Outbreak details

Region/State Vet Area	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Karas- (this report - submitted)	-	Luderitz	Luderitz	Other	Halifax Island	-26.65	15.08	02/02/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Jackass Penguin:Spheniscidae(Sp heniscus demersus)	Animals	7000	223	217	6	0			
Affected Population	A population of about 7,000 African penguins at a breeding site of the Halifax Island. It is a small rocky island about 100m (330ft) from the mainland, near Lüderitz.								

Region/State Vet Area	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Karas- (this report - submitted)	-	Luderitz	Luderitz	Other	Luderitz Marine Research Quarantine Centre	-26.64	15.15	03/02/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Jackass Penguin:Spheniscidae(Sp heniscus demersus)	Animals	2	2	0	2	0			
Affected Population	Two African penguins, collected from Halifax Island, showed neurological signs that were highly suspected to be of highly pathogenic avian influenza.								

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Jackass Penguin	7002	225	217	8	0

Epidemiology

Epidemiological comments

African penguins (Jackass penguins) at a conservation site (breeding site) on the Halifax Island, which is a small rocky island about 100 m (330 ft) from the mainland, near Lüderitz, showed signs suspected to be of highly pathogenic avian influenza. These were neurological signs (head tilting, twitching, incoordination), corneal opacity and lethargic/comatose behaviour. The disease is currently limited to African penguins only; no other wild birds are affected at the Halifax Island.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive
- Source of infection might be migratory wild birds.

Measures applied

Applied	To be applied
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Applied	To be applied
<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone • surveillance within containment and/or protection zone • quarantine • official disposal of carcasses, by-products and waste • selective killing and disposal • disinfection 	<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	Central Veterinary Laboratory	Jackass Penguin	reverse transcription - polymerase chain reaction (RT-PCR)	07/02/2019	Positive

Future Reporting

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

Outbreak maps

