

Follow-up report No.6

Report reference: , Reference OIE : 22190, Report Date : 09/01/2017, Country : Finland

Report Summary

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		Date submitted to OIE	10/01/2017

Animal type	Terrestrial	Date of report	09/01/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	12/11/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	25/11/2016
Serotype(s)	H5N8	Diagnosis	Laboratory (advanced)
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= 10, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AHVENANMAAN MAAKUNTA-other report - submitted	-			Not applicable	Vårdö	60.1349684	20.2222075	12/11/2016	25/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	2	2	0	0			
Affected Population	Approximately 60 tufted ducks were found dead in different places of the Åland archipelago on 12 November 2016. Four birds were submitted to Evira. So far, two birds have been found positive for highly pathogenic avian influenza H5N8.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOUNAI-SUOMI-other report - submitted	-			Not applicable	Parainen	60.174001165	21.731958149	20/11/2016	02/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	3	3	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AHVENANMAAN MAAKUNTA-other report - submitted	-			Not applicable	Eckerö	60.252373711	19.631435763	20/11/2016	09/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-tailed Eagle:Accipitridae(Haliae etus albicilla)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AHVENANMAAN MAAKUNTA-other report - submitted	-			Zoo	Mariehamn	60.095921	19.950646	26/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	150	9	9	28	0			
Affected Population	The outbreak is in a bird zoo in a group of galliform birds, all of which have died or been destroyed. Psittacine and passerine birds are kept in a separate building (separate epidemiological unit) under movement restrictions and are being monitored continuously.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AHVENANMAAN MAAKUNTA-other report - submitted	-			Not applicable	Sund	60.202124011	20.049795572	28/11/2016	09/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-tailed Eagle:Accipitridae(Haliae etus albicilla)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AHVENANMAAN MAAKUNTA-other report - submitted	-			Not applicable	Finström	60.248258	19.876358	01/12/2016	22/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-tailed Eagle:Accipitridae(Haliae etus albicilla)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOUNAI-SUOMI-other report - submitted	-			Not applicable	Rauma	61.136131339	21.666881651	12/12/2016	17/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-tailed Eagle:Accipitridae(Haliae etus albicilla)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AHVENANMAAN MAAKUNTA-other report - submitted	-			Not applicable	Sund	60.197	20.217	14/12/2016	20/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian Eagle-Owl:Strigidae(Bub o bubo)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
LOUNAI-SUOMI- (this report - submitted)	-			Not applicable	Harjavalta	61.315360275	22.126557162	23/12/2016	29/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
White-tailed Eagle:Accipitridae(Haliae etus albicilla)	Animals	...	1	1	0	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
AHVENANMAAN MAAKUNTA- (this report - submitted)	-			Not applicable	Mariehamn	60.095921	19.950646	29/12/2016	05/01/2017
Tufted Duck:Anatidae(Aythya fuligula)	Animals	...	1	1	0	0			
Affected Population									

Outbreak summary: Total outbreaks = 10 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Tufted Duck		6	6	0	0
White-tailed Eagle		5	5	0	0
Birds	150	9	9	28	0
Eurasian Eagle-Owl		1	1	0	0

Epidemiology

Epidemiological comments

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • screening • surveillance within containment and/or protection zone 	<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	Finnish Food Safety Authority Evira	Tufted Duck	virus sequencing	05/01/2017	Positive
National laboratory	Finnish Food Safety Authority Evira	Tufted Duck	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	04/01/2017	Positive
National laboratory	Finnish Food Safety Authority Evira	Tufted Duck	reverse transcription - polymerase chain reaction (RT-PCR)	04/01/2017	Positive
National laboratory	Finnish Food Safety Authority Evira	White-tailed Eagle	virus sequencing	29/12/2016	Positive
National laboratory	Finnish Food Safety Authority Evira	White-tailed Eagle	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	28/12/2016	Positive
National laboratory	Finnish Food Safety Authority Evira	White-tailed Eagle	reverse transcription - polymerase chain reaction (RT-PCR)	28/12/2016	Positive

Future Reporting

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Outbreak maps

