

## Finland - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 1

### GENERAL INFORMATION

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
ZONE	TERRESTRIAL	Listed disease	5119
DISEASE	CAUSAL AGENT	GENOTYPE / SEROTYPE / SUBTYPE	START DATE
Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-)	Highly pathogenic avian influenza virus	H5N1	2023/06/30
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Unusual host species	-	2023/07/13	On-going
END DATE	SELF-DECLARATION		
-	NO		

### REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Follow-up report 1	FUR_161911	-	2023/07/20
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

### EPIDEMIOLOGY

#### SOURCE OF EVENT OR ORIGIN OF INFECTION

- Unknown or inconclusive

#### EPIDEMIOLOGICAL COMMENTS

A focal outbreak on a fur farm raising arctic foxes and raccoon dogs. Plenty of black-headed gulls have been observed around and at the fur farm. Currently no control measures are applied as HPAI is not "listed disease" in fur animals. Further sampling is planned on the fur farm. Veterinary authorities are working in tight collaboration with the public health authority. Improved biosecurity measures and use of personal protection equipment on fur farms are encouraged.

### QUANTITATIVE DATA SUMMARY

#### MEASURING UNIT

Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
american mink	NEW	15000	13	13	-	-	-

(wild)	TOTAL 15000	13	13	-	-	-
raccoon dog (wild)	NEW -	-	-	-	-	-
	TOTAL 1500	-	-	-	-	-
arctic fox (wild)	NEW 99373	32	32	-	-	-
	TOTAL 102873	35	35	-	-	-
all species	NEW 114373	45	45	-	-	-
	TOTAL 119373	48	48	-	-	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS			METHOD OF DIAGNOSTIC				
YES			Diagnostic test				
Test name	Laboratory	Species sampled	Number of outbreaks sampled	First result date	Latest result date	Result	
Reverse transcription-polymerase chain reaction (RT-PCR)	Finnish Food Authority	Arctic Fox	9	2023/07/12	2023/07/18	Positive	
Gene sequencing	Finnish Food Authority	Arctic Fox	9	2023/07/13	2023/07/19	Positive	
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Finnish Food Authority	Arctic Fox	9	2023/07/12	2023/07/18	Positive	

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL	DOMESTIC ANIMALS	WILD ANIMALS
Movement control	Applied	
Screening	Applied	
Traceability	Applied	
Surveillance within the restricted zone	Applied	
Zoning	Applied	
Surveillance outside the restricted zone	Applied	
Selective killing and disposal	To be applied	
Official disposal of carcasses, by-products and waste	To be applied	

NEW OUTBREAKS

OB\_122146 - KAUSTINEN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/17	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen	Keski-Pohjanmaa	Kaustinen	Farm

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kaustinen	63.58017 , 23.89131	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	1393	3	3	-	-	-
captive	TOTAL	1393	3	3	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-
OB_122142 - KAUSTINEN	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/14	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Keski-Pohjanmaa	Kaustinen	Farm

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kaustinen	63.57235 , 23.68216	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	1750	3	3	-	-	-
captive	TOTAL	1750	3	3	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-
OB_122138 - KAUSTINEN	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/14	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Keski-Pohjanmaa	Kaustinen	Farm

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
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AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	4330	4	4	-	-	-
captive	TOTAL	4330	4	4	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB\_122136 - KAUSTINEN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/14	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Keski-Pohjanmaa	Kaustinen	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kaustinen	63.57167 , 23.68041	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	1200	3	3	-	-	-
captive	TOTAL	1200	3	3	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB\_122130 - KORTESJÄRVI

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/06/30	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Etelä-Pohjanmaa	Kauhava	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kortesjärvi	63.27663 , 23.22082	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	50000	4	4	-	-	-
captive	TOTAL	50000	4	4	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_122128 - HALSUA
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OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/03	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Keski-Pohjanmaa	Halsua	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Halsua	63.522286 , 24.06922	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	20000	5	5	-	-	-
captive	TOTAL	20000	5	5	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_122110 - KAUHAVA
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OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/06	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Etelä-Pohjanmaa	Kauhava	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kauhava	63.13213 , 23.14456	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
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arctic fox (wild)	NEW	17500	6	6	-	-	-
captive	TOTAL	17500	6	6	-	-	-
american mink	NEW	15000	13	13	-	-	-
(wild) captive	TOTAL	15000	13	13	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_122107 - KAUSTINEN
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OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/03	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen aluehallintovirasto	Keski-Pohjanmaa	Kaustinen	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kaustinen	63.56401 , 23.80868	-	Animal

AFFECTED POPULATION DESCRIPTION

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Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	3200	4	4	-	-	-
captive	TOTAL	3200	4	4	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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