

Finland - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 4

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 4	FUR_162263	-	2023/08/10
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Note: previously published precise location data of the outbreaks was changed to approximate in follow-up report 3 to insure privacy of the farmers.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
american mink (wild)	NEW	-	-	-	-	-
	TOTAL	18900	17	17	-	-
raccoon dog (wild)	NEW	-	2	2	-	-

	TOTAL	4200	4	4	-	-	-
arctic fox (wild)	NEW	10950	21	21	-	-	-
	TOTAL	156843	74	74	-	-	-
red fox (wild)	NEW	-	-	-	-	-	-
	TOTAL	29940	19	19	-	-	-
all species	NEW	10950	23	23	-	-	-
	TOTAL	209883	114	114	-	-	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Diagnostic test

Test name	Laboratory	Species sampled	Number of outbreaks sampled	First result date	Latest result date	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Finnish Food Authority	Arctic Fox, Red Fox, Raccoon dog, American Mink	24	2023/07/12	2023/08/09	Positive
Gene sequencing	Finnish Food Authority	Arctic Fox, Raccoon dog, Red Fox, American Mink	24	2023/07/13	2023/08/09	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Finnish Food Authority	American Mink, Arctic Fox, Red Fox, Raccoon dog	24	2023/07/12	2023/08/09	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

Movement control
Screening
Traceability
Selective killing and disposal
Quarantine
Disinfection
Official disposal of carcasses, by-products and waste
Official destruction of animal products

DOMESTIC ANIMALS

Applied
Applied
Applied
Applied
Applied
Applied
To be applied
To be applied

WILD ANIMALS

NEW OUTBREAKS

OB_123556 - 18 - KAUSTINEN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
18	2023/07/10	-	-
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	63.54954 , 23.69802 (Approximate location)	-	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	4	4	-	-	-
captive	TOTAL	1750	4	4	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-

OB_123512 - 24 - KAUSTINEN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
24	2023/07/28	-	-
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	63.54954 , 23.69802 (Approximate location)	-	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	-	7	7	-	-	-
captive	TOTAL	-	7	7	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-

OB_123511 - 23 - KANNUS

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
23	2023/07/25	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Länsi- ja Sisä-Suomen	Keski-Pohjanmaa	Kannus	Farm

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Kannus	63.90065 , 23.91876 (Approximate location)	-	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	6000	8	8	-	-	-
captive	TOTAL	6000	8	8	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-
OB_123510 - 22 - KAUSTINEN	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
22	2023/07/20	-	-
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	63.54954 , 23.69802 (Approximate location)	-	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	2	2	-	-	-
captive	TOTAL	3200	2	2	-	-	-

METHOD OF DIAGNOSTIC

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CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-
UPDATED OUTBREAKS	

OB_122642 - 19 - KAUSTINEN			
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OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
19	2023/07/17	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE	THIRD ADMINISTRATIVE	EPIDEMIOLOGICAL UNIT

Länsi- ja Sisä-Suomen aluehallintovirasto		DIVISION Keski-Pohjanmaa		DIVISION Kaustinen		Farm		
LOCATION Kaustinen		Latitude, Longitude 63.54954 , 23.69802 (Approximate location)		OUTBREAKS IN CLUSTER -		Measuring unit Animal		
AFFECTED POPULATION DESCRIPTION								
The originally reported outbreak 122642 was later divided into two outbreaks. They are on separate farms of the same owner. The related second outbreak number is ob_123556.								
Species (latin name)		Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
raccoon dog (wild)		NEW	-	2	2	-	-	-
captive		TOTAL	1100	3	3	-	-	-
METHOD OF DIAGNOSTIC								
-								
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL								
MEASURES NOT IMPLEMENTED				ADDITIONAL MEASURES				
-								
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