

Finland - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 2

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 2	FUR_162033	-	2023/07/27
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	3900	4	4	-	-	-

(wild)	TOTAL	18900	17	17	-	-	-
raccoon dog	NEW	2700	2	2	-	-	-
(wild)	TOTAL	4200	2	2	-	-	-
arctic fox (wild)	NEW	19770	13	13	-	-	-
	TOTAL	122643	48	48	-	-	-
red fox (wild)	NEW	29940	19	19	-	-	-
	TOTAL	29940	19	19	-	-	-
all species	NEW	56310	38	38	-	-	-
	TOTAL	175683	86	86	-	-	-

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, Raccoon dog, Red Fox, American Mink	19	2023/07/12	2023/07/26	Positive
Gene sequencing	Finnish Food Authority	Arctic Fox, Raccoon dog, Red Fox, American Mink	19	2023/07/13	2023/07/26	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Finnish Food Authority	Arctic Fox, American Mink, Red Fox, Raccoon dog	19	2023/07/12	2023/07/26	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

Movement control
Screening
Traceability
Surveillance within the restricted zone
Zoning
Surveillance outside the restricted zone
Selective killing and disposal
Official disposal of carcasses, by-products and waste

DOMESTIC ANIMALS

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

WILD ANIMALS

NEW OUTBREAKS

OB_122644 - KAUSTINEN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
--------------------	------------	----------	---------------------------

		2023/07/21			-			-
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		63.60726 , 23.81125			-		Animal	
AFFECTED POPULATION DESCRIPTION								
-								
Species (latin name)		Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)		NEW	1600	1	1	-	-	-
captive		TOTAL	1600	1	1	-	-	-
METHOD OF DIAGNOSTIC								
-								
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL								
MEASURES NOT IMPLEMENTED					ADDITIONAL MEASURES			
-					-			
OB_122642 - KAUSTINEN								

OUTBREAK REFERENCE		START DATE		END DATE		DETAILED CHARACTERISATION		
-		2023/07/24		-		-		
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		63.57612 , 23.90679			-		Animal	
AFFECTED POPULATION DESCRIPTION								
-								
Species (latin name)		Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
raccoon dog (wild)		NEW	1100	1	1	-	-	-
captive		TOTAL	1100	1	1	-	-	-
arctic fox (wild)		NEW	1750	1	1	-	-	-
captive		TOTAL	1750	1	1	-	-	-
METHOD OF DIAGNOSTIC								
-								
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL								
MEASURES NOT IMPLEMENTED					ADDITIONAL MEASURES			
-					-			
OB_122640 - KAUSTINEN								
OUTBREAK REFERENCE		START DATE		END DATE		DETAILED CHARACTERISATION		

		2023/07/21						
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		63.57852 , 23.94572		-		Animal		
AFFECTED POPULATION DESCRIPTION								
-								
Species (latin name)		Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)		NEW	2000	1	1	-	-	-
captive		TOTAL	2000	1	1	-	-	-
red fox (wild)		NEW	2000	1	1	-	-	-
captive		TOTAL	2000	1	1	-	-	-
METHOD OF DIAGNOSTIC								
-								
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL								
MEASURES NOT IMPLEMENTED				ADDITIONAL MEASURES				
-				-				
OB_122638 - KAUSTINEN								
OUTBREAK REFERENCE		START DATE		END DATE		DETAILED CHARACTERISATION		
-		2023/07/19		-		-		
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		63.57463 , 23.68046		-		Animal		
AFFECTED POPULATION DESCRIPTION								
-								
Species (latin name)		Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)		NEW	-	2	2	-	-	-
captive		TOTAL	-	2	2	-	-	-
red fox (wild)		NEW	820	1	1	-	-	-
captive		TOTAL	820	1	1	-	-	-
METHOD OF DIAGNOSTIC								
-								
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL								
MEASURES NOT IMPLEMENTED				ADDITIONAL MEASURES				
-				-				
OB_122636 - KAUHAVA								

OUTBREAK REFERENCE		START DATE			END DATE		DETAILED CHARACTERISATION		
-		2023/07/19			-		-		
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		63.24424 , 23.1042			-		Animal		
AFFECTED POPULATION DESCRIPTION									
-									
Species (latin name)		Wildlife type	Susceptible Cases		Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use		Vaccinated
red fox (wild)		NEW	8000	1	1	-	-		-
captive		TOTAL	8000	1	1	-	-		-
METHOD OF DIAGNOSTIC									
-									
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL									
MEASURES NOT IMPLEMENTED					ADDITIONAL MEASURES				
-					-				
OB_122632 - KAUHAVA									

OUTBREAK REFERENCE		START DATE	END DATE	DETAILED CHARACTERISATION			
-		2023/07/19	-	-			
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		63.27407 , 23.21682	-	Animal			
AFFECTED POPULATION DESCRIPTION							
-							
Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
arctic fox (wild)	NEW	13800	4	4	-	-	-
captive	TOTAL	13800	4	4	-	-	-
red fox (wild)	NEW	13800	4	4	-	-	-
captive	TOTAL	13800	4	4	-	-	-
METHOD OF DIAGNOSTIC							
-							
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL							
MEASURES NOT IMPLEMENTED					ADDITIONAL MEASURES		
-					-		
OB_122631 - KAUSTINEN							

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
--------------------	------------	----------	---------------------------

2023/07/18		-	-
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	63.57839 , 23.94638	-	Animal
AFFECTED POPULATION DESCRIPTION			
-			
Species (latin name)	Wildlife type	Susceptible Cases Deaths Killed and Disposed of	Slaughtered/ Killed for commercial use Vaccinated
arctic fox (wild)	NEW	62044-	-
captive	TOTAL	62044-	-
red fox (wild)	NEW	62044-	-
captive	TOTAL	62044-	-
METHOD OF DIAGNOSTIC			
-			
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL			
MEASURES NOT IMPLEMENTED		ADDITIONAL MEASURES	
-		-	
OB_122630 - KAUSTINEN			
OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/07/18	-	-
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	63.57527 , 23.68109	-	Animal
AFFECTED POPULATION DESCRIPTION			
-			
Species (latin name)	Wildlife type	Susceptible Cases Deaths Killed and Disposed of	Slaughtered/ Killed for commercial use Vaccinated
red fox (wild)	NEW	210066-	-
captive	TOTAL	210066-	-
METHOD OF DIAGNOSTIC			
-			
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL			
MEASURES NOT IMPLEMENTED		ADDITIONAL MEASURES	
-		-	
OB_122629 - 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 aluehallintovirasto		Keski-Pohjanmaa		Kaustinen		Farm	
LOCATION		Latitude, Longitude		OUTBREAKS IN CLUSTER		Measuring unit	
Kaustinen		63.57201 , 23.95104		-		Animal	
AFFECTED POPULATION DESCRIPTION							
-							
Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
american mink (wild) captive	NEW	3900	4	4	-	-	-
	TOTAL	3900	4	4	-	-	-
METHOD OF DIAGNOSTIC							
-							
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL							
MEASURES NOT IMPLEMENTED				ADDITIONAL MEASURES			
-				-			
OB_122628 - EVIJÄRVI							
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 aluehallintovirasto		Etelä-Pohjanmaa		Evijärvi		Farm	
LOCATION		Latitude, Longitude		OUTBREAKS IN CLUSTER		Measuring unit	
Evijärvi		63.32282 , 23.40706		-		Animal	
AFFECTED POPULATION DESCRIPTION							
-							
Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
red fox (wild) captive	NEW	2600	2	2	-	-	-
	TOTAL	2600	2	2	-	-	-
raccoon dog (wild) captive	NEW	1600	1	1	-	-	-
	TOTAL	1600	1	1	-	-	-
METHOD OF DIAGNOSTIC							
-							
CONTROL MEASURES DIFFERENT FROM EVENT LEVEL							
MEASURES NOT IMPLEMENTED				ADDITIONAL MEASURES			
-				-			