

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 30

GENERAL INFORMATION

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
ZONE	TERRESTRIAL	Listed disease	4451
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	2022/03/30
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Unusual host species	-	2022/05/05	On-going
END DATE	SELF-DECLARATION		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Follow-up report 30	FUR_160924	-	2023/05/18
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Colorado (CO)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild striped skunk (*Mephitis mephitis*). Detections of highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b were confirmed in wild red foxes (*Vulpes vulpes*) in the following states: New York (NY), Maine (ME), Oregon (OR), and Pennsylvania (PA).

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
coyote (wild)	NEW	-	-	-	-	-	-

	TOTAL -	1	-	1	-	-
cats (domestic)	NEW -	-	-	-	-	-
	TOTAL -	5	1	4	-	-
virginia opossum (wild)	NEW -	-	-	-	-	-
	TOTAL -	4	3	1	-	-
domestic cat (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
gray seal (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
bobcat (wild)	NEW -	-	-	-	-	-
	TOTAL -	6	4	2	-	-
striped skunk (wild)	NEW -	1	1	-	-	-
	TOTAL 4	34	24	13	-	-
tiger (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
harbor seal (wild)	NEW -	-	-	-	-	-
	TOTAL -	16	14	2	-	-
raccoon (northern raccoon) (wild)	NEW -	-	-	-	-	-
	TOTAL -	10	3	4	-	-
puma (wild)	NEW -	-	-	-	-	-
	TOTAL 1	17	18	-	-	-
bottlenose dolphin (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
american black bear (black bear) (wild)	NEW -	-	-	-	-	-
	TOTAL -	3	1	2	-	-
brown bear (grizzly bear) (wild)	NEW -	-	-	-	-	-
	TOTAL -	4	3	1	-	-
red fox (wild)	NEW -	5	5	-	-	-
	TOTAL -	80	46	19	-	-
amur leopard (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
fisher (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	-	1	-	-
north american river otter (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
american marten (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
all species	NEW -	6	6	-	-	-
	TOTAL 5	188	124	50	-	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Diagnostic test,
Clinical

Test name	Laboratory	Species sampled	Number of	First result	Latest	Result
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		outbreaks sampled	date	result date
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Domestic cat, Red Fox, Brown bear 150 (Grizzly Bear), Tiger, Gray Seal, American Black Bear (black bear), Raccoon (Northern raccoon), Bobcat, North American river otter, Puma, Fisher, Harbor Seal, Cats, American marten, Bottlenose dolphin, Virginia Opossum, Amur Leopard, Striped Skunk, Coyote	2022/05/05	2023/05/16 Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

Disinfection
Official disposal of carcasses, by-products and waste
Surveillance within the restricted zone

DOMESTIC ANIMALS

WILD ANIMALS

Applied
Applied
Applied

NEW OUTBREAKS

OB_118803 - NORTHAMPTON COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/04/28	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Pennsylvania	Northampton	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Northampton County	40.579 , -75.39 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild red fox (Vulpes vulpes).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
red fox (wild)	NEW	-	1	1	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_118648 - WALLOWA COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
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-	2023/04/27	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Oregon	Wallowa	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Wallowa County	45.474 , -117.277 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild red fox (Vulpes vulpes).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
red fox (wild)	NEW	-	1	1	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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-	-
OB_118647 - YORK COUNTY	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/05/02	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Maine	York	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
York County	43.474 , -70.715 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild red fox (Vulpes vulpes). Litter of fox kits found dead.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
red fox (wild)	NEW	-	1	1	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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-	-
OB_118646 - CAYUGA COUNTY	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/05/03	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT

New YorkCayuga-Not applicable

LOCATION

Cayuga County

Latitude, Longitude

42.93 , -76.569
(Approximate location)

OUTBREAKS IN CLUSTER

-

Measuring unit

Animal

AFFECTED POPULATION DESCRIPTION

Wild red fox (Vulpes vulpes).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
red fox (wild)	NEW	-	1	1	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-
OB_118645 - ROUTT COUNTY	

OUTBREAK REFERENCE

-

START DATE

2023/05/02

END DATE

-

DETAILED CHARACTERISATION

-

FIRST ADMINISTRATIVE DIVISION

Colorado

SECOND ADMINISTRATIVE DIVISION

Routt

THIRD ADMINISTRATIVE DIVISION

-

EPIDEMIOLOGICAL UNIT

Not applicable

LOCATION

Routt County

Latitude, Longitude

40.485 , -106.831
(Approximate location)

OUTBREAKS IN CLUSTER

-

Measuring unit

Animal

AFFECTED POPULATION DESCRIPTION

Wild striped skunk (Mephitis mephitis).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
striped skunk (wild)	NEW	-	1	1	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-
UPDATED OUTBREAKS	

OB_117835 - WAYNE COUNTY

OUTBREAK REFERENCE

-

START DATE

2023/04/13

END DATE

-

DETAILED CHARACTERISATION

-

FIRST ADMINISTRATIVE DIVISION

SECOND ADMINISTRATIVE DIVISION

THIRD ADMINISTRATIVE DIVISION

EPIDEMIOLOGICAL UNIT

New York	Wayne	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Wayne County	43.063 , -76.993 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild red foxes (*Vulpes vulpes*).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
red fox (wild)	NEW	-	1	1	-	-	-
wild	TOTAL	-	2	2	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-