

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 26

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 26	FUR_160368	-	2023/04/13
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Pennsylvania (PA)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a three wild red fox kits (*Vulpes vulpes*). New York (NY)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild red fox (*Vulpes vulpes*). 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*).

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
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coyote (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	-	1	-
cats (domestic)	NEW	-	-	-	-	-
	TOTAL	-	5	1	4	-
virginia opossum (wild)	NEW	-	-	-	-	-
	TOTAL	-	3	2	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	30	22	11	-
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	11	12	-	-
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	-	4	1	3	-
	TOTAL	-	65	31	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	-	5	2	3	-
	TOTAL	5	162	100	48	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Clinical,
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)	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Cats, Virginia Opossum, Coyote, Domestic cat, Red Fox, Bobcat, American Black Bear (black bear), Puma, Raccoon (Northern raccoon), Amur Leopard, Fisher, Tiger, Gray Seal, Brown bear (Grizzly Bear), North American river otter, Harbor Seal, Bottlenose dolphin, Striped Skunk, American marten	132	2022/05/05	2023/04/11	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_117306 - HUNTINGDON COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION	
-	2023/04/01	-	-	
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT	
Pennsylvania	Huntingdon	-	Not applicable	
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit	
Huntingdon County	40.484 , -78.008 (Approximate location)	-	Animal	

AFFECTED POPULATION DESCRIPTION

Wild red fox kits (*Vulpes vulpes*). Clinical signs included seizures.

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

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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OB_117309 - CHAFFEE COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/03/23	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Colorado	Chaffee	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Chaffee County	38.539 , -105.999 (Approximate location)	-	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
-	-
OB_117307 - TOMPKINS COUNTY	

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/04/06	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
New York	Tompkins	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Tompkins County	42.442 , -76.499 (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
-	-