

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 9

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	2022/04/09
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 9	FUR_156699	-	2022/08/22
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

New York (NY)-- Highly pathogenic avian influenza (HPAI) H5N1, Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a captive Amur leopard at a zoo facility. The affected animal exhibited lethargy, anorexia, uveitis, upper respiratory signs and subsequently died. Note: To protect data confidentiality, the location used for this outbreak is that of the New York State Veterinary Diagnostic Laboratory, where the animal's samples were initially tested. Highly pathogenic avian influenza (HPAI) H5N1, Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in 4 wild red foxes in Cayuga County, New York.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible Cases	Deaths	Killed and	Slaughtered/ Killed for	Vaccinated
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				Disposed of	commercial use	
coyote (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	-	1	-
virginia opossum (wild)	NEW	-	-	-	-	-
	TOTAL	-	2	1	1	-
gray seal (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
bobcat (wild)	NEW	-	-	-	-	-
	TOTAL	-	2	-	2	-
striped skunk (wild)	NEW	-	-	-	-	-
	TOTAL	-	4	1	3	-
harbor seal (wild)	NEW	-	-	-	-	-
	TOTAL	-	16	14	2	-
raccoon (northern raccoon) (wild)	NEW	-	-	-	-	-
	TOTAL	-	6	2	1	-
bottlenose dolphin (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
red fox (wild)	NEW	-	4	4	-	-
	TOTAL	-	53	24	14	-
amur leopard (wild)	NEW	-	1	1	-	-
	TOTAL	-	1	1	-	-
fisher (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	-	1	-
all species	NEW	-	5	5	-	-
	TOTAL	-	88	45	25	-

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	Coyote, Raccoon (Northern raccoon), Striped Skunk, Virginia Opossum, Gray Seal, Red Fox, Bottlenose dolphin, Fisher, Bobcat, Harbor Seal	73	2022/05/05	2022/08/17	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_107151 - NEW YORK

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/09/17	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
New York	Tompkins	-	Other
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
New York	42.447 , -76.464 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Captive Amur leopard (*Panthera pardus orientalis*). Note: To protect data confidentiality, the location used for this outbreak is that of the New York State Veterinary Diagnostic Laboratory, where the animal's samples were initially tested.

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

METHOD OF DIAGNOSTIC

Diagnostic test,
Clinical

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_107582 - CAYUGA COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/09/19	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
New York	Cayuga	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Cayuga County	42.904 , -76.541 (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	-	4	4	-	-	-
wild	TOTAL	-	4	4	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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UPDATED OUTBREAKS

OB_104929 - NOME

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/06/13	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Alaska	Nome	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Nome	64.53 , -165.422 (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	-	-	-	-	-	-
wild	TOTAL	-	1	-	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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OB_104522 - BAY COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/05/15	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Michigan	Bay	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Bay County	43.597 , -83.899 (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	-	-	-	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test,
Clinical

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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OB_104524 - BAY COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/05/18	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Michigan	Bay	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Bay County	43.596 , -83.86 (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	-	-	-	-	-	-
wild	TOTAL	-	1	1	-	-	-

METHOD OF DIAGNOSTICClinical,
Diagnostic test**CONTROL MEASURES DIFFERENT FROM EVENT LEVEL**

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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OB_104159 - WEXFORD COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/05/03	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Michigan	Wexford	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Wexford County	44.252 , -85.37 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION--Wild Coyote (*Canis latrans*)

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
coyote (wild)	NEW	-	-	-	-	-	-
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_104928 - STEVENS COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/06/29	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Washington	Stevens	-	Not applicable

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Stevens County	48.457 , -117.905 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

--Wild Raccoon (Procyon lotor).

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

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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