

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 33

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 33	FUR_161361	-	2023/06/22
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

California (CA)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in two wild racoons (Procyon lotor). Maine (ME)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild red fox (Vulpes vulpes). Michigan (MI)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild red fox (Vulpes vulpes).

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	-	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	-	-	-	-	-
	TOTAL	4	34	24	13	-
tiger (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
harbor seal (wild)	NEW	-	-	-	-	-
	TOTAL	-	16	14	2	-
raccoon (northern raccoon) (wild)	NEW	-	2	-	-	-
	TOTAL	-	14	5	4	-
puma (wild)	NEW	-	-	-	-	-
	TOTAL	1	19	20	-	-
bottlenose dolphin (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
american black bear (black bear) (wild)	NEW	-	-	-	-	-
	TOTAL	-	4	1	3	-
brown bear (grizzly bear) (wild)	NEW	-	-	-	-	-
	TOTAL	-	4	3	1	-
red fox (wild)	NEW	-	2	1	-	-
	TOTAL	-	83	48	19	-
amur leopard (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
fisher (wild)	NEW	-	-	-	-	-
	TOTAL	-	3	2	1	-
north american river otter (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
american marten (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
all species	NEW	-	4	1	-	-
	TOTAL	5	200	132	51	-

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	Fisher, Red Fox, Cats, Tiger, Bobcat, Domestic cat, American marten, Brown bear (Grizzly Bear), American Black Bear (black bear), Striped Skunk, Puma, Raccoon (Northern raccoon), Gray Seal, North American river otter, Harbor Seal, Bottlenose dolphin, Amur Leopard, Virginia Opossum, Coyote	158	2022/05/05	2023/06/12	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_120133 - ALPENA COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION	
-	2023/06/01	-	-	
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT	
Michigan	Alpena	-	Not applicable	
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit	
Alpena County	45.069 , -83.44 (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	-	-	-	-
wild	TOTAL	-	1	-	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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UPDATED OUTBREAKS

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 foxes (*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	-	2	2	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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OB_118932 - EL DORADO COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/05/08	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
California	El Dorado	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
El Dorado County	38.727 , -120.828 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild raccoons (*Procyon lotor*).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
raccoon (northern	NEW	-	2	-	-	-	-
raccoon) (wild)	TOTAL	-	4	2	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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