

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 42

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 42	FUR_166298	-	2024/03/07
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in three wild striped skunks (*Mephitis mephitis*) in Stevens County, Washington (WA) and a wild mountain lion (*Puma concolor*) in Granite County, Montana (MT).

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	7	1	4	-	-
virginia opossum (wild)	NEW	-	-	-	-	-
	TOTAL	4	3	1	-	-
domestic cat (wild)	NEW	-	-	-	-	-
	TOTAL	6	1	1	-	-
gray seal (wild)	NEW	-	-	-	-	-
	TOTAL	1	1	-	-	-
bobcat (wild)	NEW	-	-	-	-	-
	TOTAL	6	4	2	-	-
striped skunk (wild)	NEW	3	-	-	-	-
	TOTAL	41	24	13	-	-
tiger (wild)	NEW	-	-	-	-	-
	TOTAL	1	1	-	-	-
harbor seal (wild)	NEW	-	-	-	-	-
	TOTAL	21	19	2	-	-
raccoon (northern raccoon) (wild)	NEW	-	-	-	-	-
	TOTAL	15	5	4	-	-
puma (wild)	NEW	1	-	-	-	-
	TOTAL	22	21	-	-	-
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	-	-
polar bear (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	-	-	-
red fox (wild)	NEW	-	-	-	-	-
	TOTAL	85	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	-	-	-
abert's squirrel (wild)	NEW	-	-	-	-	-
	TOTAL	1	-	-	-	-
all species	NEW	4	-	-	-	-
	TOTAL	226	139	52	-	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS

METHOD OF DIAGNOSTIC

YES			Diagnostic test, Clinical			
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	Domestic cat, Bobcat, Red Fox, Fisher, Cats, Gray Seal, American Black Bear (black bear), North American river otter, Puma, Harbor Seal, Tiger, American marten, Racoon (Northern raccoon), Virginia Opossum, Amur Leopard, Striped Skunk, Brown bear (Grizzly Bear), Coyote, Polar Bear, Bottlenose dolphin	171	2022/05/05	2024/03/04	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL	DOMESTIC ANIMALS	WILD ANIMALS
Disinfection		Applied
Official disposal of carcasses, by-products and waste		Applied
Surveillance within the restricted zone		Applied

NEW OUTBREAKS

OB_132896 - GRANITE COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2024/01/30	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Montana	Granite	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Granite County	46.334 , -113.293 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild mountain lion (Puma concolor). Samples were collected from a sub-adult female found dead.

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

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

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OB_132869 - STEVENS COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2024/02/23	-	-
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	48.543 , -117.903 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild striped skunks (Mephitis mephitis).

Species	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
striped skunk	NEW	-	3	-	-	-	-
(wild) wild	TOTAL	-	3	-	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

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