

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 35

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 35	FUR_162192	-	2023/08/10
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Montana (MT) - Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild mountain lion (Puma concolor).

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 -	-	-	-	-	-
	TOTAL 4	34	24	13	-	-
tiger (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
harbor seal (wild)	NEW -	-	-	-	-	-
	TOTAL -	16	14	2	-	-
raccoon (northern	NEW -	-	-	-	-	-
raccoon) (wild)	TOTAL -	14	5	4	-	-
puma (wild)	NEW -	1	1	-	-	-
	TOTAL 1	20	21	-	-	-
bottlenose dolphin (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
american black bear	NEW -	-	-	-	-	-
(black bear) (wild)	TOTAL -	4	1	3	-	-
brown bear (grizzly bear)	NEW -	-	-	-	-	-
(wild)	TOTAL -	4	3	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	NEW -	-	-	-	-	-
(wild)	TOTAL -	1	1	-	-	-
american marten (wild)	NEW -	-	-	-	-	-
	TOTAL -	1	1	-	-	-
all species	NEW -	1	1	-	-	-
	TOTAL 5	203	133	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	National	Domestic cat, Bobcat, Cats, Red	160	2022/05/05	2023/08/04	Positive

reverse transcription polymerase chain reaction (rRT-PCR)	Veterinary Services Laboratories (NVSL), Ames, Iowa	Fox, American Black Bear (black bear), Raccoon (Northern raccoon), Tiger, North American river otter, Puma, Harbor Seal, American marten, Bottlenose dolphin, Striped Skunk, Amur Leopard, Virginia Opossum, Brown bear (Grizzly Bear), Fisher, Gray Seal, Coyote
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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_123248 - MINERAL COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/04/25	2023/06/30	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Montana	Mineral	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Mineral County	47.193 , -114.89 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild mountain lion (Puma concolor). Animal was found dead.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
puma (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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