

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 24

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 24	FUR_160139	-	2023/03/30
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 striped skunk (*Mephitis mephitis*). California (CA)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in two wild mountain lions (*Puma concolor*). Oregon (OR)- Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild American marten (*Martes americana*).

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	-	4	1	3	-
virginia opossum (wild)	NEW	-	-	-	-	-
	TOTAL	-	3	2	1	-
gray seal (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
bobcat (wild)	NEW	-	-	-	-	-
	TOTAL	-	6	4	2	-
striped skunk (wild)	NEW	-	1	-	1	-
	TOTAL	4	29	21	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	-	2	2	-	-
	TOTAL	1	10	11	-	-
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	-	-	-	-	-
	TOTAL	-	60	29	16	-
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	-	1	1	-	-
	TOTAL	-	1	1	-	-
all species	NEW	-	4	3	1	-
	TOTAL	5	153	95	44	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Diagnostic test,
Clinical

Test name	Laboratory	Species sampled	Number of outbreaks sampled	First result date	Latest result date	Result
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Real-time reverse transcription polymerase chain reaction (rRT-PCR)	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Gray Seal, Brown bear (Grizzly Bear), Bottlenose dolphin, Fisher, Striped Skunk, Virginia Opossum, American marten, Puma, American Black Bear (black bear), Cats, Red Fox, Coyote, Amur Leopard, North American river otter, Harbor Seal, Bobcat, Raccoon (Northern raccoon), Tiger	125	2022/05/05	2023/03/27	Positive
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CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

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

NEW OUTBREAKS

OB_116672 - MONO COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/03/14	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
California	Mono	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Mono County	38.256 , -119.229 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild mountain lions (Puma concolor).

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

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-

OB_116671 - GALLATIN COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/03/17	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE	THIRD ADMINISTRATIVE	EPIDEMIOLOGICAL UNIT

Montana	DIVISION Gallatin	DIVISION -	Not applicable
LOCATION Gallatin County	Latitude, Longitude 45.676 , -111.01 (Approximate location)	OUTBREAKS IN CLUSTER -	Measuring unit Animal

AFFECTED POPULATION DESCRIPTION

Wild striped skunk (Mephitis mephitis). Clinical signs included abnormal behavior.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
striped skunk	NEW	-	1	-	1	-	-
(wild) 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_116580 - DOUGLAS COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/03/04	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Oregon	Douglas	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Douglas County	43.211 , -123.341 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild American marten (Martes americana).

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

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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