

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 19

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 19	FUR_159456	-	2023/02/24
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Colorado (CO) - Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild bobcat (*Lynx rufus*). Kansas (KS) - Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild striped skunk (*Mephitis mephitis*).

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	-	4	1	3	-
virginia opossum (wild)	NEW	-	-	-	-	-
	TOTAL	-	3	2	1	-
gray seal (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
bobcat (wild)	NEW	-	1	1	-	-
	TOTAL	-	5	3	2	-
striped skunk (wild)	NEW	-	1	1	-	-
	TOTAL	-	21	15	5	-
tiger (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	-
harbor seal (wild)	NEW	-	-	-	-	-
	TOTAL	-	16	14	2	-
raccoon (northern raccoon) (wild)	NEW	-	-	-	-	-
	TOTAL	-	8	3	2	-
puma (wild)	NEW	-	-	-	-	-
	TOTAL	-	4	4	-	-
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	-
all species	NEW	-	2	2	-	-
	TOTAL	-	134	79	36	-

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	Virginia Opossum, Brown bear (Grizzly Bear), Raccoon (Northern raccoon), Tiger, Amur Leopard, Cats, Gray Seal, Striped Skunk, Coyote, Bobcat, Bottlenose dolphin, Red Fox, Fisher, American Black Bear (black	107	2022/05/05	2023/02/14	Positive

bear), Puma, Harbor Seal

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_114391 - RAWLINS COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/01/27	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Kansas	Rawlins	-	Not applicable

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Rawlins County	39.808 , -101.04 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild striped skunk (*Mephitis mephitis*).

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
-	-

OB_114390 - EL PASO COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/02/07	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Colorado	El Paso	-	Not applicable

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
El Paso County	38.83 , -104.826 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild bobcat (Lynx rufus).

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

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-