

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 16

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	2022/04/09
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 16	FUR_159048	-	2023/02/03
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species
- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

Wyoming (WY)-Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild red fox (*Vulpes vulpes*) in Hot Springs County, WY. California (CA)-Highly pathogenic avian influenza (HPAI) H5N1 Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a wild bobcat (*Lynx rufus*) in Butte County, CA.

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	-	1	-	1	-	-
	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	-	4	2	2	-	-
striped skunk (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	18	12	5	-	-
tiger (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	1	1	-	-	-
harbor seal (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	16	14	2	-	-
raccoon (northern	NEW	-	-	-	-	-	-
raccoon) (wild)	TOTAL	-	8	3	2	-	-
puma (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	1	1	-	-	-
bottlenose dolphin (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	1	1	-	-	-
american black bear	NEW	-	-	-	-	-	-
(black bear) (wild)	TOTAL	-	1	-	1	-	-
brown bear (grizzly bear)	NEW	-	-	-	-	-	-
(wild)	TOTAL	-	4	3	1	-	-
red fox (wild)	NEW	-	1	1	-	-	-
	TOTAL	-	57	27	15	-	-
amur leopard (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	1	1	-	-	-
fisher (wild)	NEW	-	-	-	-	-	-
	TOTAL	-	1	-	1	-	-
all species	NEW	-	3	2	1	-	-
	TOTAL	-	122	69	34	-	-

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	Harbor Seal, Red Fox, Virginia Opossum, Coyote, Gray Seal, Tiger, Bobcat, Amur Leopard, Brown bear (Grizzly Bear), Fisher, American Black Bear (black bear), Bottlenose dolphin,	96	2022/05/05	2023/01/27	Positive

Striped Skunk, Puma, Raccoon
(Northern raccoon), Cats

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_113159 - BUTTE COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/12/27	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
California	Butte	-	Not applicable

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Butte County	39.524 , -121.573 (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
-	-

OB_113158 - HOT SPRINGS COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/01/08	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Wyoming	Hot Springs	-	Not applicable

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Hot Springs County	43.647 , -108.208 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Wild red fox (Vulpes vulpes). Samples were collected from a mortality event.

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	-	1	1	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-

UPDATED OUTBREAKS

OB_112347 - MADISON COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2023/01/10	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Nebraska	Madison	-	Backyard
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Madison County	41.844 , -97.455 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

Domestic cat (Felis catus). Outside cat that had been missing for 2 days. Clinical signs included seizures and excessive reaction to touch, light and sound. Samples were collected on a second domestic cat on the same property 21 Jan 2023.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cats (domestic)	NEW	-	1	-	1	-	-
	TOTAL	-	2	-	2	-	-

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-