

United States of America - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 8

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 8	FUR_156650	-	2022/08/19
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Unknown or inconclusive
- Contact with wild species

EPIDEMIOLOGICAL COMMENTS

-- Maine (ME) -- Highly pathogenic avian influenza (HPAI) H5N1, Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a Harbor seal from York County, ME. The affected animal was found dead. -- Florida (FL) -- Highly pathogenic avian influenza (HPAI) H5N1, Eurasian lineage goose/Guangdong clade 2.3.4.4b was confirmed in a Common bottlenose dolphin from Dixie County, FL. The affected animal was exhibiting erratic behavior and neurologic signs and subsequently died.

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	-	-
virginia opossum (wild)	NEW	-	-	-	-	-
	TOTAL	2	1	1	-	-
gray seal (wild)	NEW	-	-	-	-	-
	TOTAL	1	1	-	-	-
bobcat (wild)	NEW	-	-	-	-	-
	TOTAL	2	-	2	-	-
striped skunk (wild)	NEW	-	-	-	-	-
	TOTAL	4	1	3	-	-
harbor seal (wild)	NEW	1	1	-	-	-
	TOTAL	16	14	2	-	-
raccoon (northern raccoon) (wild)	NEW	-	-	-	-	-
	TOTAL	6	2	1	-	-
bottlenose dolphin (wild)	NEW	1	1	-	-	-
	TOTAL	1	1	-	-	-
red fox (wild)	NEW	-	-	-	-	-
	TOTAL	49	20	14	-	-
fisher (wild)	NEW	-	-	-	-	-
	TOTAL	1	-	1	-	-
all species	NEW	2	2	-	-	-
	TOTAL	83	40	25	-	-

DIAGNOSTIC DETAILS

CLINICAL SIGNS

NO

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	Coyote, Virginia Opossum, Harbor Seal, Striped Skunk, Fisher, Bottlenose dolphin, Gray Seal, Raccoon (Northern raccoon), Bobcat, Red Fox	73	2022/05/05	2022/08/17	Positive

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_105976 - DIXIE COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/03/30	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Florida	Dixie	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Dixie County	29.628 , -83.114 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

--Wild Common bottlenose dolphin (*Tursiops truncatus*).

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

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED ADDITIONAL MEASURES

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OB_105969 - YORK COUNTY

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
-	2022/07/13	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Maine	York	-	Not applicable
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
York County	43.499 , -70.724 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

--Wild Harbor Seal (*Phoca vitulina*).

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

METHOD OF DIAGNOSTIC

Clinical,
Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED

ADDITIONAL MEASURES

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