

Italy - Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) - Follow-up report 10

GENERAL INFORMATION

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
ZONE	TERRESTRIAL	Listed disease	5037
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	2023/04/03
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Unusual host species	-	2023/04/12	On-going
END DATE	SELF-DECLARATION		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Follow-up report 10	FUR_161807	-	2023/07/13
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Contact with wild species

EPIDEMIOLOGICAL COMMENTS

No epidemiological comment

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cats	NEW	1	1	-	-	-	-
(domestic)	TOTAL	1	1	-	-	-	-
dogs	NEW	5	5	-	-	-	-
(domestic)	TOTAL	5	5	-	-	-	-

red fox (wild)	NEW	-	-	-	-	-
	TOTAL	-	2	2	-	-
all species	NEW	6	6	-	-	-
	TOTAL	6	8	2	-	-

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
Virus neutralisation tests (Ab VNT)	National Reference and OIE/FAO Laboratory for avian influenza and Newcastle disease	Cats, Dogs	1	2023/04/12	2023/05/22	Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	National Reference and OIE/FAO Laboratory for avian influenza and Newcastle disease	Red Fox	2	2023/04/12	2023/04/28	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

Quarantine

Surveillance within the restricted zone

Stamping out

Screening

Zoning

Control of wildlife reservoirs

Official disposal of carcasses, by-products and waste

Disinfection

DOMESTIC ANIMALS

Applied

Applied

Applied

Applied

Applied

Applied

Applied

WILD ANIMALS

Applied

Applied

NEW OUTBREAKS

OB_121754 - HPAIWB-2023-8 - CARPENEDOLO

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
HPAIWB-2023-8	2023/04/18	-	-
FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Lombardia	Brescia	Carpenedolo	Farm
LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	Measuring unit
Carpenedolo	45.337184 , 10.46897	-	Animal

AFFECTED POPULATION DESCRIPTION

The highly pathogenic avian influenza virus (HPAI), subtype H5N1 - has been detected in a backyard farm with domestic birds. These cases were notified in the event number 4953, outbreak ob_117586. In this backyard farm 5 dogs and 1 cat has been controlled and all of them resulted serologically positive for H5N1 on May 22, 2023. All the animals ware asymptomatic.

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cats (domestic)	NEW	1	1	-	-	-	-
	TOTAL	1	1	-	-	-	-
dogs (domestic)	NEW	5	5	-	-	-	-
	TOTAL	5	5	-	-	-	-

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
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